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PLA-ZRP71BA
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PLA-ZRP125BA
PLA-ZRP140BA
PLA-RP35BA
PLA-RP50BA
PLA-RP60BA
PLA-RP71BA
PLA-RP100BA
PLA-RP125BA
PLA-RP140BA2
PLA-SP71BA
PLA-SP100BA
PLA-SP125BA
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PEAD-RP140JA(L)Q
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PEA-RP250GAQ
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PEAD-SP125JA(L)
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PUHZ-ZRP50VKA
PUHZ-ZRP60VHA
PUHZ-ZRP71VHA
PUHZ-ZRP100VKA2
PUHZ-ZRP100YKA2
PUHZ-ZRP125VKA2
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PUHZ-ZRP140VKA2
PUHZ-ZRP140YKA2

PUHZ-ZRP200YKA
PUHZ-ZRP250YKA
PUHZ-FRP71VHA

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PUHZ-P125VHA3
PUHZ-P125YHA
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PUHZ-P200YKA
PUHZ-P250YKA
SUZ-SA71VA2
SUZ-SA100VA
PUHZ-SP100VHA
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P series model
Combination Table

Models			ZUBADAN				Power Inverter															Mr Slim+	Standard Inverter												Economy Inverter								
Type			Heat pump																																								
Refrigerant			R410A																																								
			PUHZ-SHW112VHA	PUHZ-SHW112YHA	PUHZ-SHW140YHA	PUHZ-SHW230YKA2	PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100VKA2	PUHZ-ZRP125VKA2	PUHZ-ZRP140VKA2	PUHZ-ZRP100YKA2	PUHZ-ZRP125YKA2	PUHZ-ZRP140YKA2	PUHZ-ZRP200YKA	PUHZ-ZRP250YKA	PUHZ-ZRP200YKA X 2	PUHZ-ZRP250YKA X 2	PUHZ-FRP71VHA	SUZ-KA35VA5	SUZ-KA50VA5	SUZ-KA60VA5	SUZ-KA71VA5	PUHZ-P100VHA4	PUHZ-P125VHA3	PUHZ-P140VHA3	PUHZ-P100YHA2	PUHZ-P125YHA	PUHZ-P140YHA	PUHZ-P200YKA	PUHZ-P250YKA	PUHZ-P200YKA X 2	PUHZ-P250YKA X 2	SUZ-SA71VA2	SUZ-SA100VA	PUHZ-SP100VHA	PUHZ-SP125VHA	PUHZ-SP140VHA	PUHZ-SP100YHA	PUHZ-SP125YHA	PUHZ-SP140YHA
Ceiling cassette PLA series	Heat pump	PLA-ZRP35BA					●			X2																																	
		PLA-ZRP50BA	X2	X2				●			X2		X3	X2		X3	X4									X2		X3	X2		X3	X4											
		PLA-ZRP60BA			X2				●			X2			X2		X3	X4									X2			X2		X3	X4										
		PLA-ZRP71BA								●			X2			X2		X3			●							X2			X2		X3										
		PLA-ZRP100BA	●	●		X2					●			●			X2									●			●			X2										
		PLA-ZRP125BA			●							●			●			X2									●			●			X2										
		PLA-ZRP140BA											●			●												●			●												
		PLA-RP35BA					●			X2												●																					
		PLA-RP50BA						●			X2		X3	X2		X3	X4						●			X2			X2			X4										
		PLA-RP60BA							●			X2			X2		X3	X4						●			X2			X2		X3	X4									
		PLA-RP71BA								●			X2			X2		X3			●				●			X2			X2		X3									
		PLA-RP100BA	●	●							●			●			X2									●			●			X2										
		PLA-RP125BA			●							●			●			X2									●			●			X2										
		PLA-RP140BA2											●			●												●			●												
		PLA-SP71BA																																										
		PLA-SP100BA																																										
		PLA-SP125BA																																										
		PLA-SP140BA																																										
Wall - mounted PKA series	Heat pump	PKA-RP35HAL					●			X2												●																				
		PKA-RP50HAL	X2	X2				●			X2		X3	X2		X3	X4						●			X2		X3	X2		X3	X4										
		PKA-RP60HAL			X2				●			X2			X2		X3	X4						●			X2			X2		X3	X4									
		PKA-RP71KAL								●			X2			X2		X3			●				●			X2			X2		X3									
		PKA-RP100KAL	●	●		X2					●			●			X2									●			●			X2										
Ceiling -suspended PCA series	Heat pump	PCA-RP35KAQ					●			X2												●																				
		PCA-RP50KAQ						●			X2		X3	X2		X3	X4						●			X2		X3	X2		X3	X4										
		PCA-RP60KAQ							●			X2			X2		X3	X4						●			X2			X2		X3	X4									
		PCA-RP71KAQ								●			X2			X2		X3			●				●			X2			X2		X3									
		PCA-RP100KAQ									●			●			X2									●			●			X2										
		PCA-RP125KAQ										●			●			X2									●			●			X2										
		PCA-RP140KAQ											●			●												●			●												
		PCA-RP71HAQ								●			X2			X2		X3			●							X2			X2		X3									
Floor-standing PSA series	Heat pump	PSA-RP71KA								●			X2			X2		X3			●							X2			X2		X3									
		PSA-RP100KA									●			●			X2									●			●			X2										
		PSA-RP125KA										●			●			X2									●			●			X2										
		PSA-RP140KA											●			●												●			●												
Ceiling-concealed PEAD/PEA series	Heat pump	PEAD-RP35JA(L)Q					●			X2												●																				
		PEAD-RP50JA(L)Q	X2	X2				●			X2		X3	X2		X3	X4						●			X2		X3	X2		X3	X4										
		PEAD-RP60JA(L)Q			X2				●			X2			X2		X3	X4						●			X2			X2		X3	X4									
		PEAD-RP71JA(L)Q								●			X2			X2		X3			●				●			X2			X2		X3									
		PEAD-RP100JA(L)Q	●	●		X2					●			●			X2									●			●			X2										
		PEAD-RP125JA(L)Q			●							●			●			X2									●			●			X2										
		PEAD-RP140JA(L)Q											●			●												●			●												
		PEAD-SP71JA(L)																																										
		PEAD-SP100JA(L)																																										
		PEAD-SP125JA(L)																																										
		PEAD-SP140JA(L)																																										
		PEA-RP200GAQ																●														●										
		PEA-RP250GAQ																	●														●									
		PEA-RP400GAQ																		●														●								
		PEA-RP500GAQ																			●														●								

A.1 CEILING CASSETTE (PLA)

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A.1.1 SPECIFICATIONS

A.1.1.1 INVERTER MODELS Heat pump type

1. ZUBADAN SERIES

Model Name	Indoor Unit				PLA-ZRP100BA	PLA-ZRP100BA	PLA-ZRP125BA
	Outdoor Unit				PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)
Power Supply				Source	Outdoor power supply		
	Out			V	230	400	400
				Phase	Single	3	3
				Hz	50	50	50
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant					R410A	R410A	R410A
Cooling	Capacity	Rated		kW	10.0	10.0	12.5
		Max.		kW	11.4	11.4	14.0
		Min.		kW	4.9	4.9	5.5
	SHF	Rated			0.74	0.74	0.74
	Total Input	Rated		kW	2.786	2.786	4.449
	EER				3.59	3.59	2.81
	Annual Electricity Consumption			kWh/a	633	633	856
	SEER				5.5	5.5	5.1
		Energy efficiency class			A	A	-
Heating	Capacity	Rated		kW	11.2	11.2	14.0
		Max.		kW	14.0	14.0	16.0
		Min.		kW	4.5	4.5	5.0
	Total Input	Rated		kW	2.667	2.667	3.879
	COP				4.20	4.20	3.61
	Annual Electricity Consumption			kWh/a	4420	4420	6213
	SCOP				4.0	4.0	3.5
		Energy efficiency class			A+	A+	-
Operating Current(max)				A	35.7	13.7	13.8
Indoor Unit	Input	Rated		kW	0.08	0.08	0.09
	Operating Current(max)			A	0.74	0.74	0.80
	Dimensions		Height	mm	298	298	298
			Width	mm	840	840	840
			Depth	mm	840	840	840
	Weight			kg	26	26	27
	Air Volume		Low	m³/min.	20.0	20.0	22.0
			Mid2	m³/min.	23.0	23.0	25.0
			Mid	m³/min.	26.0	26.0	28.0
			Hi	m³/min.	30.0	30.0	31.0
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)		Low	dB(A)	32	32	34
			Mid2	dB(A)	34	34	36
			Mid	dB(A)	37	37	39
			Hi	dB(A)	40	40	41
	Sound Level (PWL)	Cooling			65	65	66
Outdoor Unit	Dimensions		Height	mm	1350	1350	1350
			Width	mm	950	950	950
			Depth	mm	330 (+30)	330 (+30)	330 (+30)
	Weight			kg	120	134	134
	Air Volume	Cooling	Rated	m³/min.	100.0	100.0	100.0
		Heating	Rated	m³/min.	100.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	51
			Silent	dB(A)	48	48	48
		Heating	Rated	dB(A)	52	52	52
	Sound Level (PWL)	Cooling			69	69	69
	Operating Current(max)			A	35.0	13.0	13.0
	Breaker Size			A	40	16	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max. Length	Out-In		m	75	75	75
	Max. Height	Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-25	-25	-25

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PLA-RP100BA	PLA-RP100BA	PLA-RP125BA
	Outdoor Unit				PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)
Power Supply				Source	Outdoor power supply		
	Out			V	230	400	400
				Phase	Single	3	3
				Hz	50	50	50
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant					R410A	R410A	R410A
Cooling	Capacity	Rated		kW	10.0	10.0	12.5
		Max.		kW	11.4	11.4	14.0
		Min.		kW	4.9	4.9	5.5
	SHF	Rated			0.74	0.74	0.71
	Total Input	Rated		kW	2.850	2.850	4.449
	EER				3.51	3.51	2.81
	Annual Electricity Consumption			kWh/a	661	661	858
	SEER				5.3	5.3	5.1
		Energy efficiency class			A	A	–
Heating	Capacity	Rated		kW	11.2	11.2	14.0
		Max.		kW	14.0	14.0	16.0
		Min.		kW	4.5	4.5	5.0
	Total Input	Rated		kW	2.794	2.794	3.879
	COP				4.01	4.01	3.61
	Annual Electricity Consumption			kWh/a	4445	4445	6506
	SCOP				4.0	4.0	3.4
		Energy efficiency class			A+	A+	-
Operating Current(max)				A	35.7	13.7	13.8
Indoor Unit	Input	Rated		kW	0.140	0.140	0.150
	Operating Current(max)			A	0.94	0.94	1.00
	Dimensions		Height	mm	298	298	298
			Width	mm	840	840	840
			Depth	mm	840	840	840
	Weight			kg	25	25	25
	Air Volume		Low	m³/min.	20.0	20.0	22.0
			Mid2	m³/min.	23.0	23.0	25.0
			Mid	m³/min.	26.0	26.0	28.0
			Hi	m³/min.	30.0	30.0	31.0
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)		Low	dB(A)	32	32	34
			Mid2	dB(A)	34	34	36
			Mid	dB(A)	37	37	39
			Hi	dB(A)	40	40	41
	Sound Level (PWL)	Cooling			62	62	63
Outdoor Unit	Dimensions		Height	mm	1350	1350	1350
			Width	mm	950	950	950
			Depth	mm	330 (+30)	330 (+30)	330 (+30)
	Weight			kg	120	134	134
	Air Volume	Cooling	Rated	m³/min.	100.0	100.0	100.0
		Heating	Rated	m³/min.	100.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	51
			Silent	dB(A)	48	48	48
		Heating	Rated	dB(A)	52	52	52
	Sound Level (PWL)	Cooling			69	69	69
	Operating Current(max)			A	35.0	13.0	13.0
	Breaker Size			A	40	16	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max. Length	Out-In		m	75	75	75
	Max. Height	Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-25	-25	-25

* Optional air protection guide is required where ambient temperature is lower than -5°C.

2. Power Inverter SERIES

Model Name	Indoor Unit				PLA-ZRP35BA	PLA-ZRP50BA	PLA-ZRP60BA	PLA-ZRP71BA
	Outdoor Unit				PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	3.6	5.0	6.1	7.1
		Max.		kW	4.5	5.6	6.5	8.1
		Min.		kW	1.6	2.3	2.7	3.3
	SHF	Rated			0.96	0.84	0.77	0.85
	Total Input	Rated		kW	0.79	1.43	1.78	1.77
	EER				4.56	3.50	3.43	4.01
	Annual Electricity Consumption			kWh/a	185	272	350	370
	SEER				6.8	6.4	6.1	6.7
		Energy efficiency class			A++	A++	A++	A++
Heating	Capacity	Rated		kW	4.1	6.0	7.0	8.0
		Max.		kW	5.2	7.3	8.2	10.2
		Min.		kW	1.6	2.5	2.8	3.5
	Total Input	Rated		kW	0.86	1.57	2.04	1.99
	COP				4.77	3.82	3.43	4.02
	Annual Electricity Consumption			kWh/a	729	1162	1462	1476
	SCOP				4.6	4.6	4.2	4.5
		Energy efficiency class			A++	A++	A+	A+
Operating Current(max)				A	13.3	13.3	19.3	19.5
Indoor Unit	Input	Rated		kW	0.040	0.040	0.040	0.050
	Operating Current(max)			A	0.28	0.30	0.30	0.45
	Dimensions		Height	mm	258	258	258	298
			Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
	Weight			kg	23	23	23	25
	Air Volume		Low	m³/min.	11.0	12.0	12.0	17.0
			Mid2	m³/min.	13.0	14.0	14.0	19.0
			Mid	m³/min.	15.0	16.0	16.0	21.0
			Hi	m³/min.	16.0	18.0	18.0	23.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	27	28	28	28
			Mid2	dB(A)	28	29	29	30
			Mid	dB(A)	29	31	31	34
			Hi	dB(A)	31	32	32	36
	Sound Level (PWL)	Cooling			54	55	55	58
Outdoor Unit	Dimensions		Height	mm	630	630	943	943
			Width	mm	809	809	950	950
			Depth	mm	300 (+23)	300 (+23)	330 (+30)	330 (+30)
	Weight			kg	43	46	67	67
	Air Volume	Cooling	Rated	m³/min.	45.0	45.0	55.0	55.0
		Heating	Rated	m³/min.	45.0	45.0	55.0	55.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling			65	65	67	67
	Operating Current(max)			A	13.0	13.0	19.0	19.0
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter	Liquid		mm	6.35	6.35	9.52	9.52
		Gas		mm	12.7	12.7	15.88	15.88
	Max. Length	Out-In		m	50	50	50	50
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-11	-11	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PLA-ZRP100BA	PLA-ZRP100BA
	Outdoor Unit				PUHZ-ZRP100VKA2	PUHZ-ZRP100YKA2
Power Supply				Source	Outdoor power supply	
	Out			V	230	400
				Phase	Single	3
				Hz	50	50
	In			V	-	-
				Phase	-	-
				Hz	-	-
Refrigerant					R410A	R410A
Cooling	Capacity	Rated		kW	9.5	9.5
		Max.		kW	11.4	11.4
		Min.		kW	4.9	4.9
	SHF	Rated			0.74	0.74
	Total Input	Rated		kW	2.16	2.16
	EER				4.40	4.40
	Annual Electricity Consumption			kWh/a	484	493
	SEER				6.9	6.8
		Energy efficiency class			A++	A++
Heating	Capacity	Rated		kW	11.2	11.2
		Max.		kW	14.0	14.0
		Min.		kW	4.5	4.5
	Total Input	Rated		kW	2.60	2.60
	COP				4.31	4.31
	Annual Electricity Consumption			kWh/a	2275	2275
	SCOP				4.8	4.8
		Energy efficiency class			A++	A++
Operating Current(max)				A	27.2	8.7
Indoor Unit	Input	Rated		kW	0.08	0.08
	Operating Current(max)			A	0.74	0.74
	Dimensions		Height	mm	298	298
			Width	mm	840	840
			Depth	mm	840	840
	Weight			kg	26	26
	Air Volume		Low	m³/min.	20.0	20.0
			Mid2	m³/min.	23.0	23.0
			Mid	m³/min.	26.0	26.0
			Hi	m³/min.	30.0	30.0
	External Static Pressure			Pa	-	-
	Sound Level (SPL)		Low	dB(A)	32	32
			Mid2	dB(A)	34	34
			Mid	dB(A)	37	37
			Hi	dB(A)	40	40
	Sound Level (PWL)	Cooling			65	65
Outdoor Unit	Dimensions		Height	mm	1338	1338
			Width	mm	1050	1050
			Depth	mm	330 (+40)	330 (+40)
	Weight			kg	116	123
	Air Volume	Cooling	Rated	m³/min.	110.0	110.0
		Heating	Rated	m³/min.	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49
			Silent	dB(A)	46	46
		Heating	Rated	dB(A)	51	51
	Sound Level (PWL)	Cooling			69	69
	Operating Current(max)			A	26.5	8.0
	Breaker Size			A	32	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max. Length	Out-In		m	75	75
	Max. Height	Out-In	Below Indoor	m	30	30
			Above Indoor	m	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46
			Lower Limit.	°C	-15*	-15*
		Heating	Upper Limit.	°C	21	21
			Lower Limit.	°C	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PLA-ZRP125BA	PLA-ZRP125BA	PLA-ZRP140BA	PLA-ZRP140BA
	Outdoor Unit				PUHZ-ZRP125VKA2	PUHZ-ZRP125YKA2	PUHZ-ZRP140VKA2	PUHZ-ZRP140YKA2
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	3	Single	3
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	12.5	12.5	13.4	13.4
		Max.		kW	14.0	14.0	15.0	15.0
		Min.		kW	5.5	5.5	6.2	6.2
	SHF	Rated			0.74	0.74	0.72	0.72
	Total Input	Rated		kW	3.87	3.87	4.37	4.37
	EER				3.23	3.23	3.07	3.07
	Annual Electricity Consumption			kWh/a	685	695	770	781
	SEER				6.4	6.3	6.1	6.0
		Energy efficiency class			–	–	–	–
Heating	Capacity	Rated		kW	14.0	14.0	16.0	16.0
		Max.		kW	16.0	16.0	18.0	18.0
		Min.		kW	5.0	5.0	5.7	5.7
	Total Input	Rated		kW	3.67	3.67	4.70	4.70
	COP				3.81	3.81	3.40	3.40
	Annual Electricity Consumption			kWh/a	2778	2778	3324	3324
	SCOP				4.7	4.7	4.5	4.5
		Energy efficiency class			–	–	–	–
Operating Current(max)				A	27.3	10.3	29.1	14.1
Indoor Unit	Input	Rated		kW	0.09	0.09	0.12	0.12
	Operating Current(max)			A	0.80	0.80	1.07	1.07
	Dimensions		Height	mm	298	298	298	298
			Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
	Weight			kg	27	27	27	27
	Air Volume		Low	m³/min.	22.0	22.0	24.0	24.0
			Mid2	m³/min.	25.0	25.0	26.0	26.0
			Mid	m³/min.	28.0	28.0	29.0	29.0
			Hi	m³/min.	31.0	31.0	32.0	32.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	34	34	36	36
			Mid2	dB(A)	36	36	39	39
			Mid	dB(A)	39	39	42	42
			Hi	dB(A)	41	41	44	44
	Sound Level (PWL)	Cooling			66	66	70	70
Outdoor Unit	Dimensions		Height	mm	1338	1338	1338	1338
			Width	mm	1050	1050	1050	1050
			Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)
	Weight			kg	116	125	118	131
	Air Volume	Cooling	Rated	m³/min.	120.0	120.0	120.0	120.0
		Heating	Rated	m³/min.	120.0	120.0	120.0	120.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	50	50
			Silent	dB(A)	47	47	47	47
		Heating	Rated	dB(A)	52	52	52	52
	Sound Level (PWL)	Cooling			70	70	70	70
	Operating Current(max)			A	26.5	9.5	28	13.0
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max. Length	Out-In		m	75	75	75	75
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-20	-20	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PLA-RP35BA	PLA-RP50BA	PLA-RP60BA	PLA-RP71BA
	Outdoor Unit				PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	3.5	5.0	6.1	7.1
		Max.		kW	4.5	5.6	6.5	8.1
		Min.		kW	1.6	2.3	2.7	3.3
	SHF	Rated			0.84	0.81	0.77	0.73
	Total Input	Rated		kW	0.88	1.43	1.90	1.87
	EER				3.98	3.50	3.21	3.80
	Annual Electricity Consumption			kWh/a	189	311	371	387
	SEER				6.5	5.6	5.7	6.4
		Energy efficiency class			A++	A+	A+	A++
Heating	Capacity	Rated		kW	4.1	6.0	7.0	8.0
		Max.		kW	5.2	7.3	8.2	10.2
		Min.		kW	1.6	2.5	2.8	3.5
	Total Input	Rated		kW	0.96	1.82	2.17	2.21
	COP				4.27	3.30	3.23	3.62
	Annual Electricity Consumption			kWh/a	750	1313	1576	1521
	SCOP				4.3	4.1	3.9	4.3
		Energy efficiency class			A+	A+	A	A+
Operating Current(max)				A	13.2	13.4	19.4	19.5
Indoor Unit	Input	Rated		kW	0.030	0.050	0.050	0.070
	Operating Current(max)			A	0.22	0.36	0.36	0.51
	Dimensions		Height	mm	258	258	258	258
			Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
	Weight			kg	22	22	23	23
	Air Volume		Low	m³/min.	11.0	12.0	12.0	14.0
			Mid2	m³/min.	12.0	14.0	14.0	16.0
			Mid	m³/min.	13.0	16.0	16.0	18.0
			Hi	m³/min.	15.0	18.0	18.0	21.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	27	28	28	28
			Mid2	dB(A)	28	29	29	30
			Mid	dB(A)	29	31	31	32
			Hi	dB(A)	31	32	32	34
	Sound Level (PWL)	Cooling			54	55	55	56
Outdoor Unit	Dimensions		Height	mm	630	630	943	943
			Width	mm	809	809	950	950
			Depth	mm	300 (+23)	300 (+23)	330 (+30)	330 (+30)
	Weight			kg	43	46	67	67
	Air Volume	Cooling	Rated	m³/min.	45.0	45.0	55.0	55.0
		Heating	Rated	m³/min.	45.0	45.0	55.0	55.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling			65	65	67	67
	Operating Current(max)			A	13.0	13.0	19.0	19.0
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter	Liquid		mm	6.35	6.35	9.52	9.52
		Gas		mm	12.7	12.7	15.88	15.88
	Max. Length	Out-In		m	50	50	50	50
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-11	-11	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PLA-RP100BA	PLA-RP100BA
	Outdoor Unit				PUHZ-ZRP100VKA2	PUHZ-ZRP100YKA2
Power Supply				Source	Outdoor power supply	
	Out			V	230	400
				Phase	Single	3
				Hz	50	50
	In			V	-	-
				Phase	-	-
				Hz	-	-
Refrigerant					R410A	R410A
Cooling	Capacity	Rated		kW	9.5	9.5
		Max.		kW	11.4	11.4
		Min.		kW	4.9	4.9
	SHF	Rated			0.74	0.74
	Total Input	Rated		kW	2.21	2.21
	EER				4.30	4.30
	Annual Electricity Consumption			kWh/a	511	522
	SEER				6.5	6.4
		Energy efficiency class			A++	A++
Heating	Capacity	Rated		kW	11.2	11.2
		Max.		kW	14.0	14.0
		Min.		kW	4.5	4.5
	Total Input	Rated		kW	2.95	2.95
	COP				3.80	3.80
	Annual Electricity Consumption			kWh/a	2511	2511
	SCOP				4.3	4.3
		Energy efficiency class			A+	A+
Operating Current(max)				A	27.4	8.9
Indoor Unit	Input	Rated		kW	0.140	0.140
	Operating Current(max)			A	0.94	0.94
	Dimensions		Height	mm	298	298
			Width	mm	840	840
			Depth	mm	840	840
	Weight			kg	25	25
	Air Volume		Low	m³/min.	20.0	20.0
			Mid2	m³/min.	23.0	23.0
			Mid	m³/min.	26.0	26.0
			Hi	m³/min.	30.0	30.0
	External Static Pressure			Pa	-	-
	Sound Level (SPL)		Low	dB(A)	32	32
			Mid2	dB(A)	34	34
			Mid	dB(A)	37	37
			Hi	dB(A)	40	40
	Sound Level (PWL)	Cooling			62	62
Outdoor Unit	Dimensions		Height	mm	1338	1338
			Width	mm	1050	1050
			Depth	mm	330 (+40)	330 (+40)
	Weight			kg	116	123
	Air Volume	Cooling	Rated	m³/min.	110.0	110.0
		Heating	Rated	m³/min.	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	49
			Silent	dB(A)	46	46
		Heating	Rated	dB(A)	51	51
	Sound Level (PWL)	Cooling			69	69
	Operating Current(max)			A	26.5	8.0
	Breaker Size			A	32	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max. Length	Out-In		m	75	75
	Max. Height	Out-In	Below Indoor	m	30	30
			Above Indoor	m	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46
			Lower Limit.	°C	-15*	-15*
		Heating	Upper Limit.	°C	21	21
			Lower Limit.	°C	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PLA-RP125BA	PLA-RP125BA	PLA-RP140BA2	PLA-RP140BA2
	Outdoor Unit				PUHZ-ZRP125VKA2	PUHZ-ZRP125YKA2	PUHZ-ZRP140VKA2	PUHZ-ZRP140YKA2
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	3	Single	3
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	12.5	12.5	13.4	13.4
		Max.		kW	14.0	14.0	15.0	15.0
		Min.		kW	5.5	5.5	6.2	6.2
	SHF	Rated			0.71	0.71	0.72	0.72
	Total Input	Rated		kW	3.99	3.99	4.40	4.40
	EER				3.13	3.13	3.05	3.05
	Annual Electricity Consumption			kWh/a	875	886	849	860
	SEER				5.0	4.9	5.5	5.5
		Energy efficiency class			-	-	-	-
Heating	Capacity	Rated		kW	14.0	14.0	16.0	16.0
		Max.		kW	16.0	16.0	18.0	18.0
		Min.		kW	5.0	5.0	5.7	5.7
	Total Input	Rated		kW	3.91	3.91	4.76	4.76
	COP				3.58	3.58	3.36	3.36
	Annual Electricity Consumption			kWh/a	3304	3304	3746	3746
	SCOP				3.9	3.9	4.0	4.0
		Energy efficiency class			-	-	-	-
Operating Current(max)				A	27.5	10.5	29.1	14.1
Indoor Unit	Input	Rated		kW	0.150	0.150	0.160	0.160
	Operating Current(max)			A	1.00	1.00	1.07	1.07
	Dimensions		Height	mm	298	298	298	298
			Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
	Weight			kg	25	25	27	27
	Air Volume		Low	m³/min.	22.0	22.0	24.0	24.0
			Mid2	m³/min.	25.0	25.0	26.0	26.0
			Mid	m³/min.	28.0	28.0	29.0	29.0
			Hi	m³/min.	31.0	31.0	32.0	32.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	34	34	36	36
			Mid2	dB(A)	36	36	39	39
			Mid	dB(A)	39	39	42	42
			Hi	dB(A)	41	41	44	44
	Sound Level (PWL)	Cooling			63	63	70	70
Outdoor Unit	Dimensions		Height	mm	1338	1338	1338	1338
			Width	mm	1050	1050	1050	1050
			Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)
	Weight			kg	116	125	118	131
	Air Volume	Cooling	Rated	m³/min.	120.0	120.0	120.0	120.0
		Heating	Rated	m³/min.	120.0	120.0	120.0	120.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	50	50
			Silent	dB(A)	47	47	47	47
		Heating	Rated	dB(A)	52	52	52	52
	Sound Level (PWL)	Cooling			70	70	70	70
	Operating Current(max)			A	26.5	9.5	28	13.0
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max. Length	Out-In		m	75	75	75	75
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-20	-20	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

3. Mr.Slim+

Model Name	Indoor Unit				PLA-ZRP71BA
	Outdoor Unit				PUHZ-FRP71VHA
Power Supply				Source	Outdoor power supply
	Out			V	230
				Phase	Single
				Hz	50
	In			V	-
				Phase	-
				Hz	-
Refrigerant					R410A
Cooling	Capacity	Rated		kW	7.1
		Max.		kW	8.1
		Min.		kW	3.3
	SHF	Rated			0.73
	Total Input	Rated		kW	1.85
	EER				3.84
	Annual Electricity Consumption			kWh/a	382
	SEER				6.5
		Energy efficiency class			A++
Heating	Capacity	Rated		kW	8.0
		Max.		kW	10.2
		Min.		kW	3.5
	Total Input	Rated		kW	2.05
	COP				3.90
	Annual Electricity Consumption			kWh/a	1510
	SCOP				4.4
		Energy efficiency class			A+
Operating Current(max)				A	19.5
Indoor Unit	Input	Rated		kW	0.05
	Operating Current(max)			A	0.45
	Dimensions		Height	mm	298
			Width	mm	840
			Depth	mm	840
	Weight			kg	25
	Air Volume		Low	m³/min.	17.0
			Mid2	m³/min.	19.0
			Mid	m³/min.	21.0
			Hi	m³/min.	23.0
	External Static Pressure			Pa	-
	Soud Level (SPL)		Low	dB(A)	28
			Mid2	dB(A)	30
			Mid	dB(A)	34
			Hi	dB(A)	36
	Sound Level (PWL)	Cooling			58
Outdoor Unit	Dimensions		Height	mm	943
			Width	mm	950
			Depth	mm	330 (+30)
	Weight			kg	73
	Air Volume	Cooling	Rated	m³/min.	55
		Heating	Rated	m³/min.	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	-
		Heating	Rated	dB(A)	48
	Sound Level (PWL)	Cooling			67
	Operating Current(max)			A	19.0
	Breaker Size			A	25
Ext. Piping	Diameter	Liquid		mm	9.52
		Gas		mm	15.88
	Max. Length	Out-In		m	60
	Max. Height	Out-In	Below Indoor	m	20
			Above Indoor	m	20
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	-15*
		Heating	Upper Limit.	°C	21
			Lower Limit.	°C	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

4.Standard Inverter SERIES

Model Name	Indoor Unit				PLA-RP35BA	PLA-RP50BA	PLA-RP60BA	PLA-RP71BA
	Outdoor Unit				SUZ-KA35VA5	SUZ-KA50VA5	SUZ-KA60VA5	SUZ-KA71VA5
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	3.6	5.5	6.1	7.1
		Max.		kW	3.9	5.6	6.3	8.1
		Min.		kW	1.4	2.3	2.3	2.8
	SHF	Rated			0.84	0.81	0.76	0.73
	Total Input	Rated		kW	1.090	1.660	1.90	2.100
	EER				3.30	3.31	3.21	3.38
	Annual Electricity Consumption			kWh/a	210	321	355	429
	SEER				6.0	6.0	6.0	5.8
		Energy efficiency class			A+	A+	A+	A+
Heating	Capacity	Rated		kW	4.1	6.0	7.0	8.0
		Max.		kW	5.0	7.2	8.0	10.2
		Min.		kW	1.7	1.7	2.5	2.6
	Total Input	Rated		kW	1.040	1.750	2.060	2.247
	COP				3.94	3.43	3.41	3.56
	Annual Electricity Consumption			kWh/a	867	1503	1562	1913
	SCOP				4.2	4.0	4.1	4.3
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	8.4	12.4	14.4	16.6
Indoor Unit	Input	Rated		kW	0.030	0.050	0.050	0.070
	Operating Current(max)			A	0.22	0.36	0.36	0.51
	Dimensions		Height	mm	258	258	258	258
			Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
	Weight			kg	22	22	23	23
	Air Volume		Low	m³/min.	11.0	12.0	12.0	14.0
			Mid2	m³/min.	12.0	14.0	14.0	16.0
			Mid	m³/min.	13.0	16.0	16.0	18.0
			Hi	m³/min.	15.0	18.0	18.0	21.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	27	28	28	28
			Mid2	dB(A)	28	29	29	30
			Mid	dB(A)	29	31	31	32
			Hi	dB(A)	31	32	32	34
	Sound Level (PWL)	Cooling			54	55	55	58
Outdoor Unit	Dimensions		Height	mm	550	880	880	880
			Width	mm	800	840	840	840
			Depth	mm	285	330	330	330
	Weight			kg	35	54	50	53
	Air Volume	Cooling	Rated	m³/min.	36.3	44.6	40.9	50.1
		Heating	Rated	m³/min.	34.8	44.6	49.2	48.2
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	52	55	55
			Silent	dB(A)	-	-	-	-
		Heating	Rated	dB(A)	50	52	55	55
	Sound Level (PWL)	Cooling			62	65	65	69
	Operating Current(max)			A	8.2	12.0	14.0	16.1
	Breaker Size			A	10	20	20	20
Ext. Piping	Diameter	Liquid		mm	6.35	6.35	6.35	9.52
		Gas		mm	9.52	12.7	15.88	15.88
	Max. Length	Out-In		m	20	30	30	30
	Max. Height	Out-In	Below Indoor	m	12	30	30	30
			Above Indoor	m	12	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-10	-15	-15	-15
		Heating	Upper Limit.	°C	24	24	24	24
			Lower Limit.	°C	-10	-10	-10	-10

Model Name	Indoor Unit				PLA-RP100BA	PLA-RP125BA	PLA-RP140BA2
	Outdoor Unit				PUHZ-P100VHA4	PUHZ-P125VHA3	PUHZ-P140VHA3
Power Supply				Source	Outdoor power supply		
	Out			V	230	230	230
				Phase	Single	Single	Single
				Hz	50	50	50
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant					R410A	R410A	R410A
Cooling	Capacity	Rated		kW	9.4	12.3	13.6
		Max.		kW	11.2	14.0	15.0
		Min.		kW	4.9	5.5	5.5
	SHF	Rated			0.74	0.71	0.71
	Total Input	Rated		kW	3.120	4.090	5.210
	EER				3.01	3.01	2.61
	Annual Electricity Consumption			kWh/a	628	-	-
	SEER				5.2	-	-
		Energy efficiency class			A	-	-
Heating	Capacity	Rated		kW	11.2	14.0	16.0
		Max.		kW	12.5	16.0	18.0
		Min.		kW	4.5	5.0	5.0
	Total Input	Rated		kW	3.280	4.110	4.980
	COP				3.41	3.41	3.21
	Annual Electricity Consumption			kWh/a	2945	-	-
	SCOP				3.8	-	-
		Energy efficiency class			A	-	-
Operating Current(max)				A	28.9	29.0	30.5
Indoor Unit	Input	Rated		kW	0.140	0.150	0.150
	Operating Current(max)			A	0.94	1.00	1.00
	Dimensions		Height	mm	298	298	298
			Width	mm	840	840	840
			Depth	mm	840	840	840
	Weight			kg	25	25	27
	Air Volume		Low	m³/min.	20.0	22.0	24.0
			Mid2	m³/min.	23.0	25.0	26.0
			Mid	m³/min.	26.0	28.0	29.0
			Hi	m³/min.	30.0	31.0	32.0
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)		Low	dB(A)	32	34	36
			Mid2	dB(A)	34	36	39
			Mid	dB(A)	37	39	42
			Hi	dB(A)	40	41	44
	Sound Level (PWL)	Cooling			62	63	70
Outdoor Unit	Dimensions		Height	mm	943	1350	1350
			Width	mm	950	950	950
			Depth	mm	330(+30)	330(+30)	330(+30)
	Weight			kg	75	99	99
	Air Volume	Cooling	Rated	m³/min.	60.0	100.0	100.0
		Heating	Rated	m³/min.	60.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	51	52
			Silent	dB(A)	47	48	49
		Heating	Rated	dB(A)	54	55	56
	Sound Level (PWL)	Cooling			70	71	73
	Operating Current(max)			A	28.0	28.0	29.5
	Breaker Size			A	32	32	40
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max. Length	Out-In		m	50	50	50
	Max. Height	Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-15	-15	-15

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PLA-RP100BA	PLA-RP125BA	PLA-RP140BA2
	Outdoor Unit				PUHZ-P100YHA2	PUHZ-P125YHA	PUHZ-P140YHA
Power Supply				Source	Outdoor power supply		
	Out			V	400	400	400
				Phase	3	3	3
				Hz	50	50	50
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant					R410A	R410A	R410A
Cooling	Capacity	Rated		kW	9.4	12.3	13.6
		Max.		kW	11.2	14.0	15.0
		Min.		kW	4.9	5.5	5.5
	SHF	Rated			0.74	0.71	0.71
	Total Input	Rated		kW	3.120	4.090	5.210
	EER				3.01	3.01	2.61
	Annual Electricity Consumption			kWh/a	628	-	-
	SEER				5.2	-	-
		Energy efficiency class			A	-	-
Heating	Capacity	Rated		kW	11.2	14.0	16.0
		Max.		kW	12.5	16.0	18.0
		Min.		kW	4.5	5.0	5.0
	Total Input	Rated		kW	3.280	4.110	4.980
	COP				3.41	3.41	3.21
	Annual Electricity Consumption			kWh/a	2945	-	-
	SCOP				3.8	-	-
		Energy efficiency class			A	-	-
Operating Current(max)				A	13.9	14.0	14.0
Indoor Unit	Input	Rated		kW	0.140	0.150	0.150
	Operating Current(max)			A	0.94	1.00	1.00
	Dimensions		Height	mm	298	298	298
			Width	mm	840	840	840
			Depth	mm	840	840	840
	Weight			kg	25	25	27
	Air Volume		Low	m³/min.	20.0	22.0	24.0
			Mid2	m³/min.	23.0	25.0	26.0
			Mid	m³/min.	26.0	28.0	29.0
			Hi	m³/min.	30.0	31.0	32.0
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)		Low	dB(A)	32	34	36
			Mid2	dB(A)	34	36	39
			Mid	dB(A)	37	39	42
			Hi	dB(A)	40	41	44
	Sound Level (PWL)	Cooling			62	63	70
Outdoor Unit	Dimensions		Height	mm	943	1350	1350
			Width	mm	950	950	950
			Depth	mm	330(+30)	330(+30)	330(+30)
	Weight			kg	77	101	101
	Air Volume	Cooling	Rated	m³/min.	60.0	100.0	100.0
		Heating	Rated	m³/min.	60.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	51	52
			Silent	dB(A)	47	48	49
		Heating	Rated	dB(A)	54	55	56
	Sound Level (PWL)	Cooling			70	71	73
	Operating Current(max)			A	13.0	13.0	13.0
	Breaker Size			A	16	16	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max. Length	Out-In		m	50	50	50
	Max. Height	Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-15	-15	-15

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PLA-ZRP100BA	PLA-ZRP125BA	PLA-ZRP140BA
	Outdoor Unit				PUHZ-P100VHA4	PUHZ-P125VHA3	PUHZ-P140VHA3
Power Supply				Source	Outdoor power supply		
	Out			V	230	230	230
				Phase	Single	Single	Single
				Hz	50	50	50
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant					R410A	R410A	R410A
Cooling	Capacity	Rated		kW	9.4	12.3	13.6
		Max.		kW	11.2	14.0	15.0
		Min.		kW	4.9	5.5	5.5
	SHF	Rated			0.74	0.74	0.72
	Total Input	Rated		kW	3.082	4.020	5.171
	EER				3.05	3.06	2.63
	Annual Electricity Consumption			kWh/a	610	-	-
	SEER				5.4	-	-
		Energy efficiency class			A	-	-
Heating	Capacity	Rated		kW	11.2	14.0	16.0
		Max.		kW	12.5	16.0	18.0
		Min.		kW	4.5	5.0	5.0
	Total Input	Rated		kW	3.137	3.989	4.938
	COP				3.57	3.51	3.24
	Annual Electricity Consumption			kWh/a	2800	-	-
	SCOP				4.0	-	-
		Energy efficiency class			A+	-	-
Operating Current(max)				A	28.7	28.8	30.6
Indoor Unit	Input	Rated		kW	0.08	0.09	0.12
	Operating Current(max)			A	0.74	0.08	1.07
	Dimensions		Height	mm	298	298	298
			Width	mm	840	840	840
			Depth	mm	840	840	840
	Weight			kg	26	27	27
	Air Volume		Low	m³/min.	20.0	22.0	24.0
			Mid2	m³/min.	23.0	25.0	26.0
			Mid	m³/min.	26.0	28.0	29.0
			Hi	m³/min.	30.0	31.0	32.0
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)		Low	dB(A)	32	34	36
			Mid2	dB(A)	34	36	39
			Mid	dB(A)	37	39	42
			Hi	dB(A)	40	41	44
	Sound Level (PWL)	Cooling			65	66	70
Outdoor Unit	Dimensions		Height	mm	943	1350	1350
			Width	mm	950	950	950
			Depth	mm	330(+30)	330(+30)	330(+30)
	Weight			kg	75	99	99
	Air Volume	Cooling	Rated	m³/min.	60.0	100.0	100.0
		Heating	Rated	m³/min.	60.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	51	52
			Silent	dB(A)	47	48	49
		Heating	Rated	dB(A)	54	55	56
	Sound Level (PWL)	Cooling			70	71	73
	Operating Current(max)			A	28.0	28.0	29.5
	Breaker Size			A	32	32	40
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max. Length	Out-In		m	50	50	50
	Max. Height	Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-15	-15	-15

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PLA-ZRP100BA	PLA-ZRP125BA	PLA-ZRP140BA
	Outdoor Unit				PUHZ-P100YHA2	PUHZ-P125YHA	PUHZ-P140YHA
Power Supply				Source	Outdoor power supply		
	Out			V	400	400	400
				Phase	3	3	3
				Hz	50	50	50
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant					R410A	R410A	R410A
Cooling	Capacity	Rated		kW	9.4	12.3	13.6
		Max.		kW	11.2	14.0	15.0
		Min.		kW	4.9	5.5	5.5
	SHF	Rated			0.74	0.74	0.72
	Total Input	Rated		kW	3.082	4.020	5.171
	EER				3.05	3.06	2.63
	Annual Electricity Consumption			kWh/a	610	-	-
	SEER				5.4	-	-
		Energy efficiency class			A	-	-
Heating	Capacity	Rated		kW	11.2	14.0	16.0
		Max.		kW	12.5	16.0	18.0
		Min.		kW	4.5	5.0	5.0
	Total Input	Rated		kW	3.137	3.989	4.938
	COP				3.57	3.51	3.24
	Annual Electricity Consumption			kWh/a	2800	-	-
	SCOP				4.0	-	-
		Energy efficiency class			A	-	-
Operating Current(max)				A	13.7	13.8	14.1
Indoor Unit	Input	Rated		kW	0.08	0.09	0.12
	Operating Current(max)			A	0.74	0.08	1.07
	Dimensions		Height	mm	298	298	298
			Width	mm	840	840	840
			Depth	mm	840	840	840
	Weight			kg	26	27	27
	Air Volume		Low	m³/min.	20.0	22.0	24.0
			Mid2	m³/min.	23.0	25.0	26.0
			Mid	m³/min.	26.0	28.0	29.0
			Hi	m³/min.	30.0	31.0	32.0
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)		Low	dB(A)	32	34	36
			Mid2	dB(A)	34	36	39
			Mid	dB(A)	37	39	42
			Hi	dB(A)	40	41	44
	Sound Level (PWL)	Cooling			65	66	70
Outdoor Unit	Dimensions		Height	mm	943	1350	1350
			Width	mm	950	950	950
			Depth	mm	330(+30)	330(+30)	330(+30)
	Weight			kg	77	101	101
	Air Volume	Cooling	Rated	m³/min.	60.0	100.0	100.0
		Heating	Rated	m³/min.	60.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	51	52
			Silent	dB(A)	47	48	49
		Heating	Rated	dB(A)	54	55	56
	Sound Level (PWL)	Cooling			70	71	73
	Operating Current(max)			A	13.0	13.0	13.0
	Breaker Size			A	16	16	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max. Length	Out-In		m	50	50	50
	Max. Height	Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-15	-15	-15

* Optional air protection guide is required where ambient temperature is lower than -5°C.

5. Economy Inverter SERIES

Model Name	Indoor Unit				PLA-SP71BA	PLA-SP100BA	PLA-SP100BA	PLA-SP100BA
	Outdoor Unit				SUZ-SA71VA2	SUZ-SA100VA	PUHZ-SP100VHA	PUHZ-SP100YHA
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	400
				Phase	Single	Single	Single	3
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	7.1	9.4	9.4	9.4
		Max.		kW	8.1	9.9	9.9	9.9
		Min.		kW	3.2	5.0	4.9	4.9
	SHF	Rated			0.77	0.84	0.74	0.74
	Total Input	Rated		kW	2.22	3.12	3.12	3.12
	EER				3.20	3.01	3.01	3.01
	Annual Electricity Consumption			kWh/a	387	610	511	522
	SEER				5.6	5.1	5.1	5.1
		Energy efficiency class			A+	A	A	A
Heating	Capacity	Rated		kW	8.0	11.2	11.2	11.2
		Max.		kW	8.9	11.5	11.5	11.5
		Min.		kW	3.5	5.1	4.5	4.5
	Total Input	Rated		kW	2.49	3.48	3.49	3.49
	COP				3.21	3.21	3.21	3.21
	Annual Electricity Consumption			kWh/a	1521	2800	2511	2511
	SCOP				3.9	3.8	3.8	3.8
		Energy efficiency class			A	A	A	A
Operating Current(max)				A	16.6	28.9	28.9	13.9
Indoor Unit	Input	Rated		kW	0.070	0.140	0.140	0.140
	Operating Current(max)			A	0.51	0.94	0.94	0.94
	Dimensions		Height	mm	258	298	298	298
			Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
	Weight			kg	23	25	25	25
	Air Volume		Low	m³/min.	14.0	20.0	20.0	20.0
			Mid2	m³/min.	16.0	23.0	23.0	23.0
			Mid	m³/min.	18.0	26.0	26.0	26.0
			Hi	m³/min.	21.0	30.0	30.0	30.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	28	32	32	32
			Mid2	dB(A)	30	34	34	34
			Mid	dB(A)	32	37	37	37
			Hi	dB(A)	34	40	40	40
	Sound Level (PWL)	Cooling			58	62	62	62
Outdoor Unit	Dimensions		Height	mm	880	880	943	943
			Width	mm	840	840	950	950
			Depth	mm	330	330	330 (+30)	330 (+30)
	Weight			kg	52	56	75	77
	Air Volume	Cooling	Rated	m³/min.	58.2	57.1	60	60
		Heating	Rated	m³/min.	49.2	54.6	60	60
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55	50	50
			Silent	dB(A)	-	-	-	-
		Heating	Rated	dB(A)	55	55	54	54
	Sound Level (PWL)	Cooling			65	70	70	70
	Operating Current(max)			A	16.1	28	28	13
	Breaker Size			A	20	20	32	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max. Length	Out-In		m	30	30	30	30
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	43	46	46	46
			Lower Limit.	°C	-10	-10	-15*	-15*
		Heating	Upper Limit.	°C	24	24	21	21
			Lower Limit.	°C	-10	-10	-15	-15

* Optional air protection guide is required where ambient temperature is lower than -5°C.

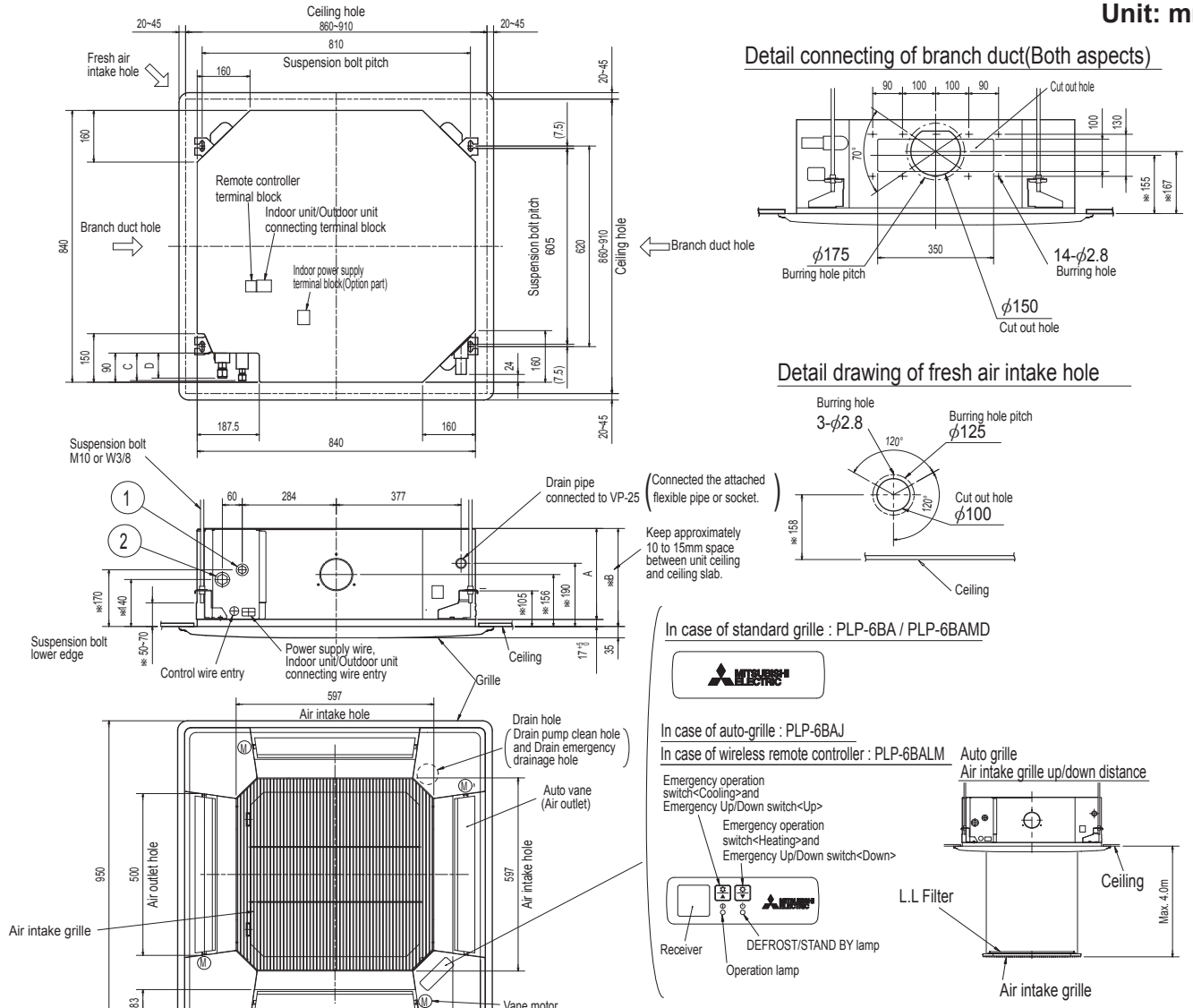
Model Name	Indoor Unit				PLA-SP125BA	PLA-SP125BA	PLA-SP140BA	PLA-SP140BA
	Outdoor Unit				PUHZ-SP125VHA	PUHZ-SP125YHA	PUHZ-SP140VHA	PUHZ-SP140YHA
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	3	Single	3
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	12.3	12.3	13.0	13.0
		Max.		kW	13.0	13.0	14.0	14.0
		Min.		kW	5.5	5.5	5.5	5.5
	SHF	Rated			0.71	0.71	0.71	0.71
	Total Input	Rated		kW	4.08	4.08	4.98	4.98
	EER				3.01	3.01	2.61	2.61
	Annual Electricity Consumption			kWh/a	-	-	-	-
	SEER				-	-	-	-
		Energy efficiency class			-	-	-	-
Heating	Capacity	Rated		kW	13.5	13.5	15.5	15.5
		Max.		kW	15.0	15.0	17.0	17.0
		Min.		kW	5.0	5.0	5.0	5.0
	Total Input	Rated		kW	3.96	3.96	4.83	4.83
	COP				3.41	3.41	3.21	3.21
	Annual Electricity Consumption			kWh/a	-	-	-	-
	SCOP				-	-	-	-
		Energy efficiency class			-	-	-	-
Operating Current(max)				A	29.0	14.0	30.5	14.0
Indoor Unit	Input	Rated		kW	0.150	0.150	0.150	0.150
	Operating Current(max)			A	1.00	1.00	1.00	1.00
	Dimensions		Height	mm	298	298	298	298
			Width	mm	840	840	840	840
			Depth	mm	840	840	840	840
	Weight			kg	25	25	27	27
	Air Volume		Low	m³/min.	22.0	22.0	24.0	24.0
			Mid2	m³/min.	25.0	25.0	26.0	26.0
			Mid	m³/min.	28.0	28.0	29.0	29.0
			Hi	m³/min.	31.0	31.0	32.0	32.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	34	34	36	36
			Mid2	dB(A)	36	36	39	39
			Mid	dB(A)	39	39	42	42
			Hi	dB(A)	41	41	44	44
	Sound Level (PWL)	Cooling			63	63	70	70
Outdoor Unit	Dimensions		Height	mm	1350	1350	1350	1350
			Width	mm	950	950	950	950
			Depth	mm	330 (+30)	330 (+30)	330 (+30)	330 (+30)
	Weight			kg	99	101	99	101
	Air Volume	Cooling	Rated	m³/min.	100	100	100	100
		Heating	Rated	m³/min.	100	100	100	100
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	52	52
			Silent	dB(A)	-	-	-	-
		Heating	Rated	dB(A)	55	55	56	56
	Sound Level (PWL)	Cooling			70	70	70	70
	Operating Current(max)			A	28	13	29.5	13
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max. Length	Out-In		m	40	40	40	40
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-15	-15	-15	-15

* Optional air protection guide is required where ambient temperature is lower than -5°C.

A.1.2 OUTLINE DIMENSIONS

PLA-ZRP35BA PLA-ZRP50BA PLA-ZRP60BA
PLA-ZRP71BA PLA-ZRP100BA PLA-ZRP125BA PLA-ZRP140BA
PLA-SP71BA PLA-SP100BA PLA-SP125BA PLA-SP140BA

Unit: mm

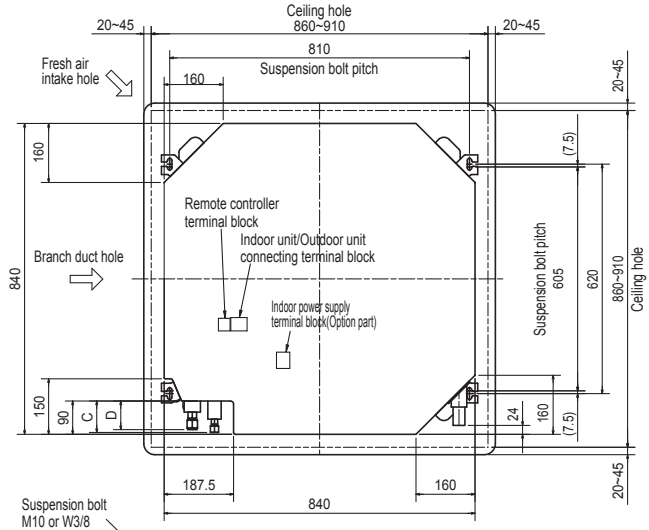


Note1. Please choose the grille from a standard grille, auto-grille.
2. As for drain pipe, please use VP-25(O.D. ϕ32 PVC TUBE).
Drain pump is included.
Max. lifting height is 850mm from the ceiling.
3. As for suspension bolt, please use M10 or W3/8.
(Procured at local site)
4. Electrical box may be removed for the service purpose.
Make sure to slack the electrical wire little bit for control/power wires connection.
5. The height of the indoor unit is able to be adjusted with the grille attached.
6. For the installation of the optional high efficiency filter or optional multi-functional casement.
1) Requires E or more space between transom and ceiling for the installation.
2) Add 135 mm to the dimensions ※ marked on the figure.
3) The optional high efficiency filter must be used jointly with the optional multi-functional casement.
7. When installing the branch ducts, be sure to insulate adequately.
Otherwise condensation and dripping may occur.
(It becomes the cause of dew drops/Water dew.)
8. As for necessary installation/service space, please refer to the left figure.

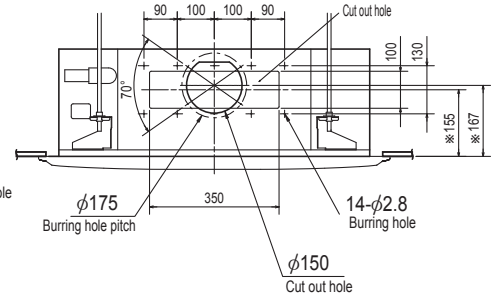
Models	①	②	A	B	C	D	E
PLA-ZRP35/50BA	Refrigerant pipe …ϕ6.35 Flared connection …1/4 inch	Refrigerant pipe …ϕ12.7 Flared connection …1/2 inch	241	258	80	74	400
PLA-ZRP60BA	Refrigerant pipe ϕ6.35 / ϕ9.52 Flared connection 1/4 inch/ 3/8 inch (compatible)	Refrigerant pipe …ϕ15.88 Flared connection …5/8 inch			87		
PLA-ZRP71/100/125/140BA PLA-SP71/100/125/140BA	Refrigerant pipe …ϕ9.52 Flared connection …3/8 inch		281	298	85	77	440

PLA-RP35BA PLA-RP50BA PLA-RP60BA PLA-RP71BA PLA-RP100BA PLA-RP125BA PLA-RP140BA2

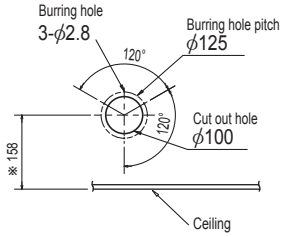
Unit : mm

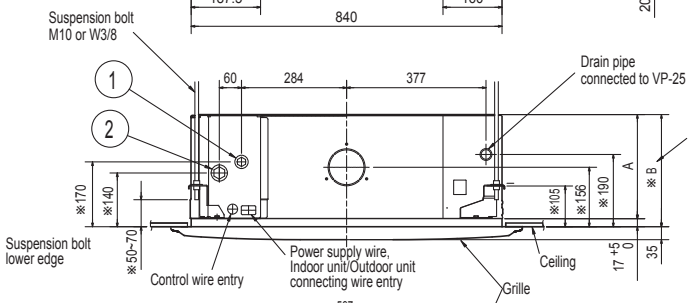


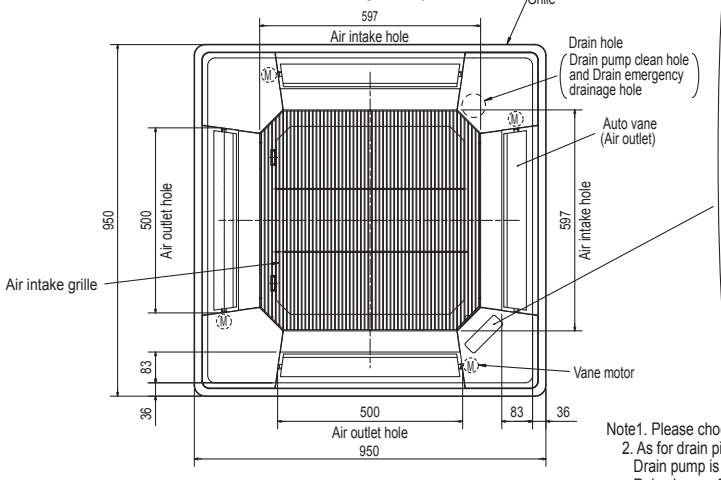
Detail connecting of Branch duct(Both aspects)



Detail drawing of fresh air intake hole



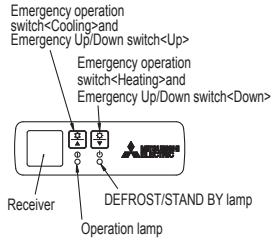




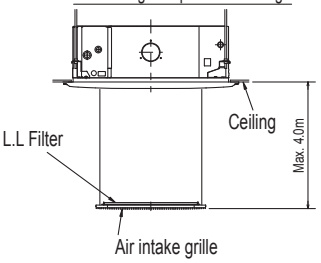
In case of standard grille : PLP-6BA / PLP-6BAMD

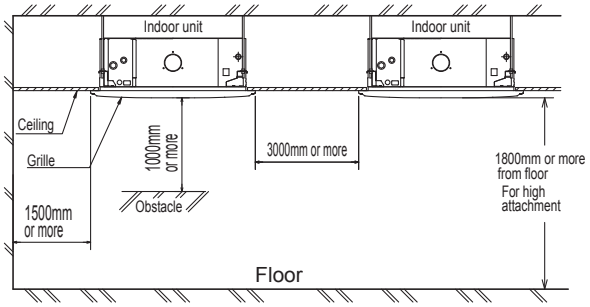
In case of Auto-Grille : PLP-6BAJ

In case of wireless remote controller : PLP-6BALM



Auto Grille
Air intake grille up/down discharge





Note1. Please choose the Grille from a standard grille, Auto-Grille.
2. As for drain pipe, please use VP-25(O.D. ϕ32 PVC TUBE).
Drain pump is included.
Raise is max 850mm from the ceiling.
3. As for suspension bolt, please use M10 or W3/8.
(Procured at local site)
4. Electrical box may be removed for the service purpose.
Make sure to slack the electrical wire little bit for control/ power wires connection.
5. The height of the indoor unit is able to be adjusted with the grille attached.
6. For the installation of the optional high efficiency filter or optional multi-functional casement.
1) Requires E or more space between transom and ceiling for the installation.
2) Add 135 mm to the dimensions ※ marked on the figure.
3) The optional high efficiency filter must be used jointly with optional multi-functional casement,
7. When installing the branch ducts, be sure to insulate adequately.
Otherwise condensation and dripping may occur.
(It becomes the cause of dew drops/Water dew.)
8. As for necessary installation/service space, please refer to left figure.

Models	①	②	A	B	C	D	E
PLA-RP35/50BA	Refrigerant pipe ···ϕ6.35 Flared connection ···1/4F	Refrigerant pipe ···ϕ12.7 Flared connection ···1/2F	241	258	80	74	400
PLA-RP60BA	Refrigerant pipe ϕ6.35 / ϕ9.52 Flared connection 1/4F / 3/8F (compatible)				87		
PLA-RP71BA	Refrigerant pipe ···ϕ9.52 Flared connection ···3/8F	Refrigerant pipe ···ϕ15.88 Flared connection ···5/8F			85	77	
PLA-RP100,125BA PLA-RP140BA2			281	298			440

A.1.3 WIRING DIAGRAM

PLA-ZRP35BA PLA-ZRP50BA PLA-ZRP60BA PLA-ZRP71BA PLA-ZRP100BA PLA-ZRP125BA PLA-ZRP140BA

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	MF	FAN MOTOR
CN2L	CONNECTOR (LOSSNAY)	MV	VANE MOTOR
CN32	CONNECTOR (REMOTE SWITCH)	TB2	TERMINAL BLOCK (Indoor unit Power (option))
CN41	CONNECTOR (HA TERMINAL-A)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN51	CONNECTOR (CENTRALLY CONTROL)	TB5,TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
FUSE	FUSE (T6.3AL250V)		
LED1	POWER SUPPLY (I.B)	TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
LED2	POWER SUPPLY (R.B)		
LED3	TRANSMISSION (INDOOR-OUTDOOR)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
SW1	SWITCH (MODEL SELECTION) ※See table 1		
SW2	SWITCH (CAPACITY CODE) ※See table 2	TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
SWE	CONNECTOR (EMERGENCY OPERATION)		
X1	RELAY (DRAIN PUMP)	OPTION PART	
DCL	REACTOR	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
DP	DRAIN PUMP	BZ	BUZZER
FS	DRAIN FLOAT SWITCH	LED1	LED (OPERATION INDICATION : GREEN)
		LED2	LED (PREPARATION FOR HEATING : ORANGE)
		RU	RECEIVING UNIT
		SW1	EMERGENCY OPERATION (HEAT / DOWN)
		SW2	EMERGENCY OPERATION (COOL / UP)

<Table 2> SW2 (CAPACITY CODE)

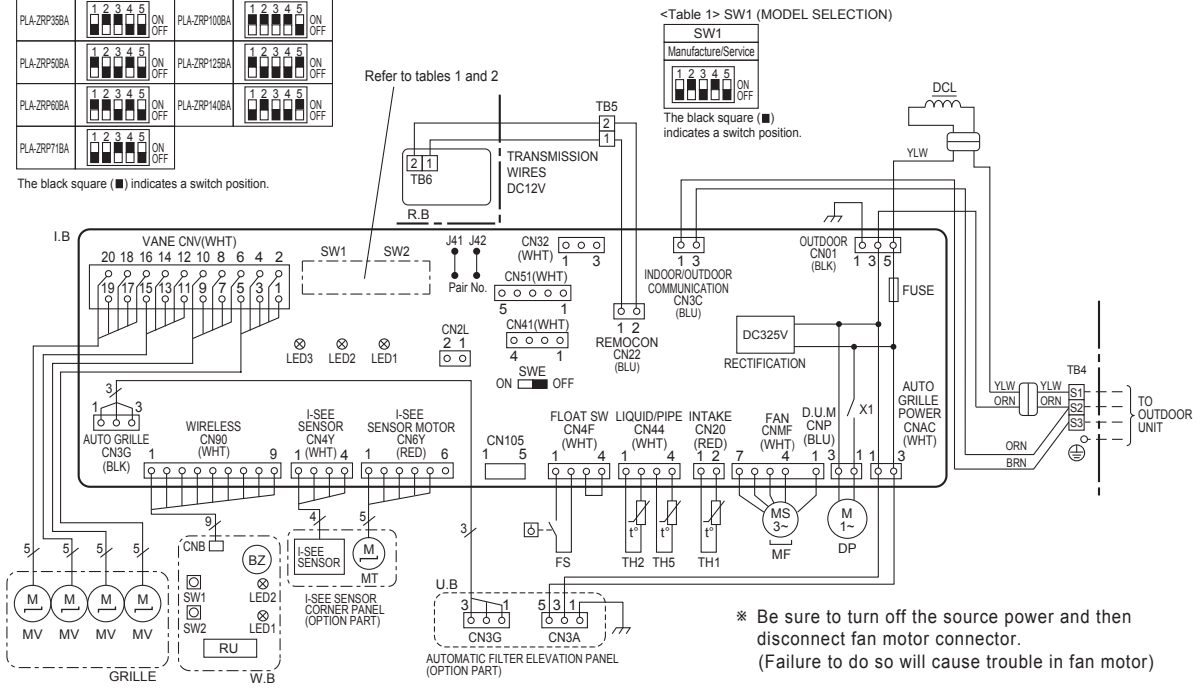
SW2			
MODELS	Manufacture/Service	MODELS	Manufacture/Service
PLA-ZRP35BA	1 2 3 4 5 ON OFF	PLA-ZRP100BA	1 2 3 4 5 ON OFF
PLA-ZRP50BA	1 2 3 4 5 ON OFF	PLA-ZRP125BA	1 2 3 4 5 ON OFF
PLA-ZRP60BA	1 2 3 4 5 ON OFF	PLA-ZRP140BA	1 2 3 4 5 ON OFF
PLA-ZRP71BA	1 2 3 4 5 ON OFF		

The black square (■) indicates a switch position.

<Table 1> SW1 (MODEL SELECTION)

SW1
Manufacture/Service
1 2 3 4 5 ON OFF

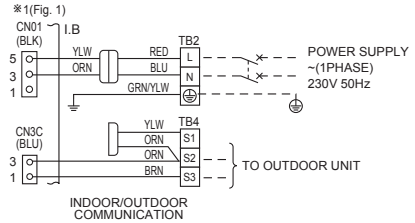
The black square (■) indicates a switch position.



※ Be sure to turn off the source power and then disconnect fan motor connector.
(Failure to do so will cause trouble in fan motor)

Notes: 1. Symbols used in wiring diagram above are, ○○○ :Connector, □□□ Terminal (block).
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires (specification of 230V), adopting superimposed system of power and signal.
※1: When work to Supply power separately to indoor and outdoor units was applied, refer to Fig 1.
※2: For power supply system of this unit, refer to the caution label located near this diagram.

Please set the voltage using the remote controller.
For the setting method,please refer to the indoor unit Installation Manual.



[Self-diagnosis]
1.For details on how to operate self-diagnosis with the wireless remote control,refer to the technical manuals etc.
2.For the wired remote control:When you quickly press twice the CHECK switch on the remote control, the unit begins self-diagnosis, and Check Codes generated in the past appear on the display. For Check Codes and Symptoms refer to the table below.

PLA-RP35BA PLA-RP50BA PLA-RP60BA PLA-RP71BA PLA-RP100BA PLA-RP125BA PLA-RP140BA2

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	MF	FAN MOTOR
CN2L	CONNECTOR (LOSSNAY)	MV	VANE MOTOR
CN32	CONNECTOR (REMOTE SWITCH)	TB2	TERMINAL BLOCK (Indoor unit Power (option))
CN41	CONNECTOR (HA TERMINAL-A)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN51	CONNECTOR (CENTRALLY CONTROL)	TB5,TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
FUSE	FUSE (T6.3AL250V)	TH1	ROOM TEMP. THERMISTOR (0℃ / 15kΩ, 25℃ / 5. 4kΩ DETECT)
LED1	POWER SUPPLY (I.B)		
LED2	POWER SUPPLY (R.B)		
LED3	TRANSMISSION (INDOOR-OUTDOOR)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0℃ / 15kΩ, 25℃ / 5. 4kΩ DETECT)
SW1	SWITCH (MODEL SELECTION) ※See table 1	TH5	COND. / EVA. TEMP. THERMISTOR (0℃ / 15kΩ, 25℃ / 5. 4kΩ DETECT)
SW2	SWITCH (CAPACITY CORD) ※See table 2		
SWE	CONNECTOR (EMERGENCY OPERATION)	OPTION PART	
X1	RELAY (DRAIN PUMP)	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
DCL	REACTOR	BZ	BUZZER
DP	DRAIN-PUMP	LED1	LED (OPERATION INDICATION : GREEN)
FS	DRAIN FLOAT SWITCH	LED2	LED (PREPARATION FOR HEATING : ORANGE)
		RU	RECEIVING UNIT
		SW1	EMERGENCY OPERATION (HEAT / DOWN)
		SW2	EMERGENCY OPERATION (COOL / UP)

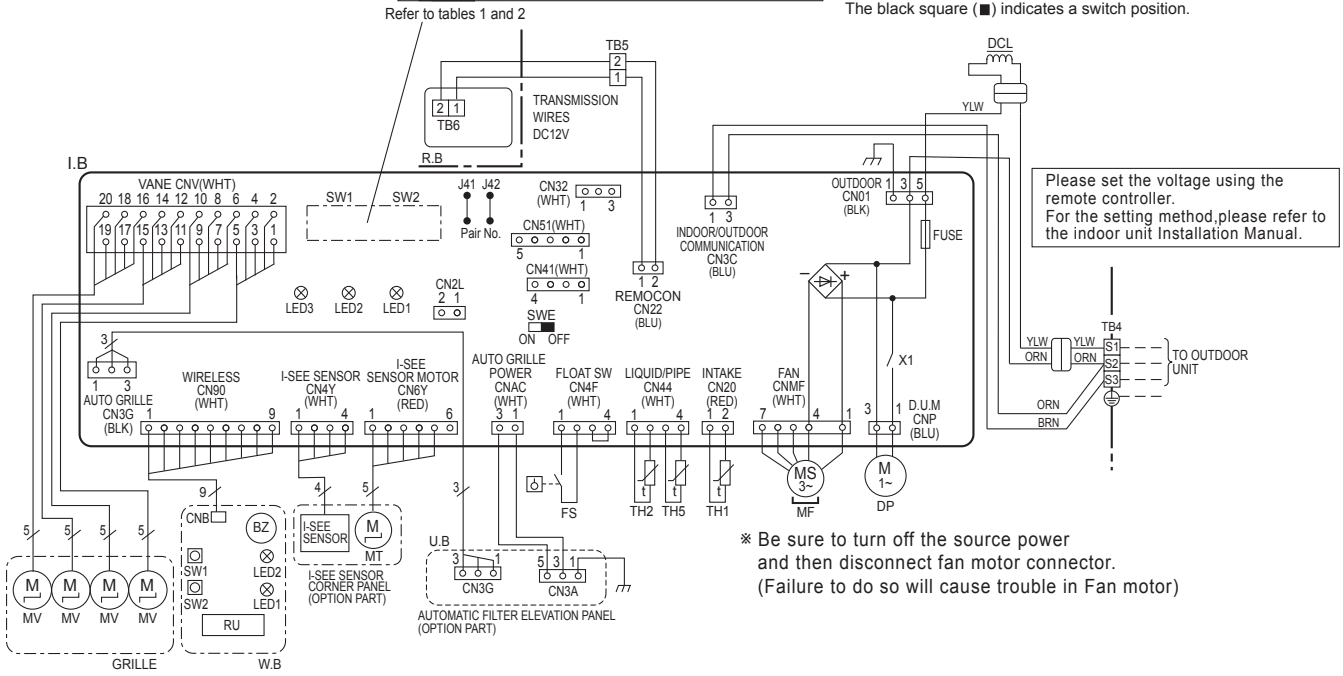
<Table 1> SW1 (MODEL SELECTION)

SW1	
MODELS	SETTING
PLA-RP·BA	1 2 3 4 5 ON OFF
PLA-RP140BA2	1 2 3 4 5 ON OFF

<Table 2> SW2 (CAPACITY CODE)

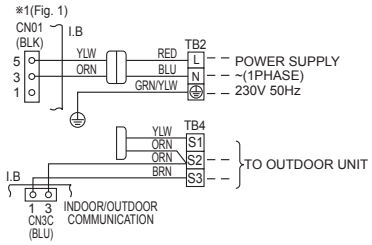
SW2			
CAPACITY	SETTING	CAPACITY	SETTING
35	1 2 3 4 5 ON OFF	100	1 2 3 4 5 ON OFF
50	1 2 3 4 5 ON OFF	125	1 2 3 4 5 ON OFF
60	1 2 3 4 5 ON OFF	140	1 2 3 4 5 ON OFF
71	1 2 3 4 5 ON OFF		

The black square (■) indicates a switch position.



Notes:

1. Symbols used in wiring diagram above are, ▭ : Connector, ▭ : Terminal (block).
2. Indoor and outdoor connecting wires have polarities, make sure to match terminal numbers (S1, S2, S3) for correct wirings.
3. Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring diagram for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires.(specification of 230V), adopting superimposed system for power and signal.
   - ※1:When work to Supply power separately to indoor and outdoor units was applied, refer to Fig 1.
   - ※2:For power supply system of this unit, refer to the caution label located near this diagram.



PLA-SP71BA PLA-SP100BA PLA-SP125BA PLA-SP140BA

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	MF	FAN MOTOR
CN2L	CONNECTOR (LOSSNAY)	MV	VANE MOTOR
CN32	CONNECTOR (REMOTE SWITCH)	TB2	TERMINAL BLOCK (Indoor unit Power (option))
CN41	CONNECTOR (HA TERMINAL-A)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN51	CONNECTOR (CENTRALLY CONTROL)	TB5,TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
FUSE	FUSE (T6.3AL250V)		
LED1	POWER SUPPLY (I.B)	TH1	ROOM TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
LED2	POWER SUPPLY (R.B)		
LED3	TRANSMISSION (INDOOR-OUTDOOR)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
SW1	SWITCH (MODEL SELECTION) See table 1		
SW2	SWITCH (CAPACITY CODE) See table 2	TH5	COND. / EVA. TEMP. THERMISTOR (0°C / 15kΩ, 25°C / 5. 4kΩ DETECT)
SWE	CONNECTOR (EMERGENCY OPERATION)		
X1	RELAY (DRAIN PUMP)	OPTION PART	
DCL	REACTOR	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
DP	DRAIN PUMP	BZ	BUZZER
FS	DRAIN FLOAT SWITCH	LED1	LED (OPERATION INDICATION : GREEN)
		LED2	LED (PREPARATION FOR HEATING : ORANGE)
		RU	RECEIVING UNIT
		SW1	EMERGENCY OPERATION (HEAT / DOWN)
		SW2	EMERGENCY OPERATION (COOL / UP)

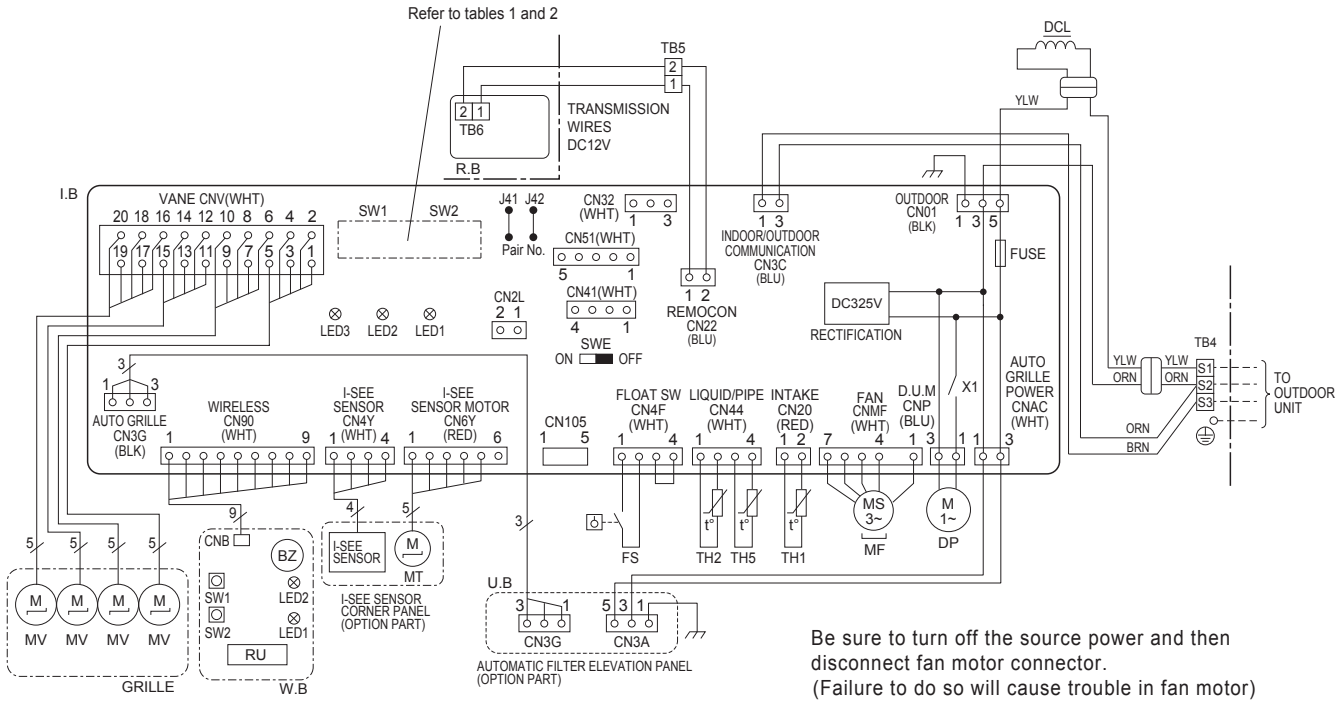
<Table 1> SW1 (MODEL SELECTION)

SW1	
MODELS	Manufacture/Service
PLA-SP 71/100/125BA	1 2 3 4 5 ON OFF
PLA-SP140BA	1 2 3 4 5 ON OFF

<Table 2> SW2 (CAPACITY CODE)

SW2	
MODELS	Manufacture/Service
PLA-SP71BA	1 2 3 4 5 ON OFF
PLA-SP100BA	1 2 3 4 5 ON OFF
PLA-SP125BA	1 2 3 4 5 ON OFF
PLA-SP140BA	1 2 3 4 5 ON OFF

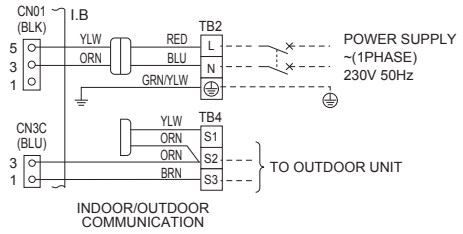
The black square (■) indicates a switch position.



Be sure to turn off the source power and then disconnect fan motor connector.
(Failure to do so will cause trouble in fan motor)

Notes: 1. Symbols used in wiring diagram above are, ○○○ :Connector, □□□ Terminal (block).
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires (specification of 230V), adopting superimposed system of power and signal.
- When work to Supply power separately to indoor and outdoor units was applied, refer to Fig 1*.
- For power supply system of this unit, refer to the caution label located near this diagram.

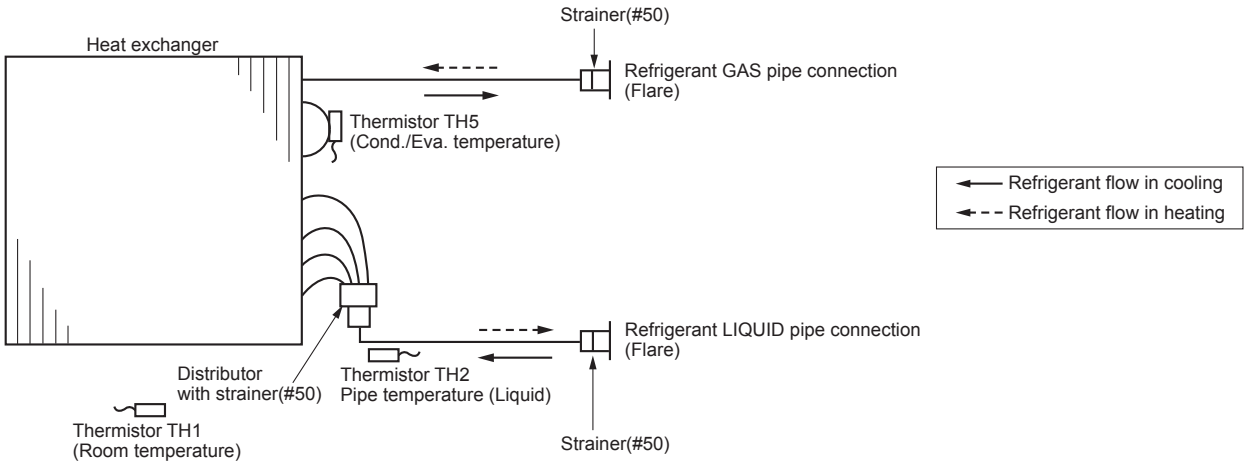
*Fig. 1



Please set the voltage using the remote controller.
For the setting method,please refer to the indoor unit Installation Manual.

A.1.4 REFRIGERANT SYSTEM DIAGRAM

PLA-ZRP35BA PLA-ZRP50BA PLA-ZRP60BA PLA-ZRP71BA
PLA-ZRP100BA PLA-ZRP125BA PLA-ZRP140BA
PLA-RP35BA PLA-RP50BA PLA-RP60BA PLA-RP71BA
PLA-RP100BA PLA-RP125BA PLA-RP140BA2
PLA-SP71BA PLA-SP100BA PLA-SP125BA PLA-SP140BA



A.1.5 PERFORMANCE DATA

A.1.5.1 INVERTER MODELS Heat pump type

COOLING CAPACITY

PLA-ZRP100BA/ PUHZ-SHW112VHA(-BS),PUHZ-SHW112YHA(-BS)

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,900	6,336	0.64	2.23	9,600	6,144	0.64	2.35	9,300	5,952	0.64	2.49
20	18	10,600	5,512	0.52	2.27	10,300	5,356	0.52	2.40	9,950	5,174	0.52	2.56
20	20	11,400	4,560	0.40	2.34	11,150	4,460	0.40	2.45	10,850	4,340	0.40	2.62
22	16	9,900	7,128	0.72	2.23	9,600	6,912	0.72	2.35	9,300	6,696	0.72	2.49
22	18	10,600	6,360	0.60	2.27	10,300	6,180	0.60	2.40	9,950	5,970	0.60	2.56
22	20	11,400	5,472	0.48	2.34	11,150	5,352	0.48	2.45	10,850	5,208	0.48	2.62
24	16	9,900	7,920	0.80	2.23	9,600	7,680	0.80	2.35	9,300	7,440	0.80	2.49
24	18	10,600	7,208	0.68	2.27	10,300	7,004	0.68	2.40	9,950	6,766	0.68	2.56
24	20	11,400	6,384	0.56	2.34	11,150	6,244	0.56	2.45	10,850	6,076	0.56	2.62
24	22	12,150	5,346	0.44	2.40	11,900	5,236	0.44	2.54	11,600	5,104	0.44	2.70
26	16	9,900	8,712	0.88	2.23	9,600	8,448	0.88	2.35	9,300	8,184	0.88	2.49
26	18	10,600	8,056	0.76	2.27	10,300	7,828	0.76	2.40	9,950	7,562	0.76	2.56
26	20	11,400	7,296	0.64	2.34	11,150	7,136	0.64	2.45	10,850	6,944	0.64	2.62
26	22	12,150	6,318	0.52	2.40	11,900	6,188	0.52	2.54	11,600	6,032	0.52	2.70
27	16	9,900	9,108	0.92	2.23	9,600	8,832	0.92	2.35	9,300	8,556	0.92	2.49
27	18	10,600	8,480	0.80	2.27	10,300	8,240	0.80	2.40	9,950	7,960	0.80	2.56
27	20	11,400	7,752	0.68	2.34	11,150	7,582	0.68	2.45	10,850	7,378	0.68	2.62
27	22	12,150	6,804	0.56	2.40	11,900	6,664	0.56	2.54	11,600	6,496	0.56	2.70
28	16	9,900	9,504	0.96	2.23	9,600	9,216	0.96	2.35	9,300	8,928	0.96	2.49
28	18	10,600	8,904	0.84	2.27	10,300	8,652	0.84	2.40	9,950	8,358	0.84	2.56
28	20	11,400	8,208	0.72	2.34	11,150	8,028	0.72	2.45	10,850	7,812	0.72	2.62
28	22	12,150	7,290	0.60	2.40	11,900	7,140	0.60	2.54	11,600	6,960	0.60	2.70
30	16	9,900	9,900	1.00	2.23	9,600	9,600	1.00	2.35	9,300	9,300	1.00	2.49
30	18	10,600	9,752	0.92	2.27	10,300	9,476	0.92	2.40	9,950	9,154	0.92	2.56
30	20	11,400	9,120	0.80	2.34	11,150	8,920	0.80	2.45	10,850	8,680	0.80	2.62
30	22	12,150	8,262	0.68	2.40	11,900	8,092	0.68	2.54	11,600	7,888	0.68	2.70
32	16	9,900	9,900	1.00	2.23	9,600	9,600	1.00	2.35	9,300	9,300	1.00	2.49
32	18	10,600	10,600	1.00	2.27	10,300	10,300	1.00	2.40	9,950	9,950	1.00	2.56
32	20	11,400	10,032	0.88	2.34	11,150	9,812	0.88	2.45	10,850	9,548	0.88	2.62
32	22	12,150	9,234	0.76	2.40	11,900	9,044	0.76	2.54	11,600	8,816	0.76	2.70
34	16	9,900	9,900	1.00	2.23	9,600	9,600	1.00	2.35	9,300	9,300	1.00	2.49
34	18	10,600	10,600	1.00	2.27	10,300	10,300	1.00	2.40	9,950	9,950	1.00	2.56
34	20	11,400	10,944	0.96	2.34	11,150	10,704	0.96	2.45	10,850	10,416	0.96	2.62
34	22	12,150	10,206	0.84	2.40	11,900	9,996	0.84	2.54	11,600	9,744	0.84	2.70

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,900	5,696	0.64	2.67	8,500	5,440	0.64	2.87	8,100	5,184	0.64	3.11
20	18	9,600	4,992	0.52	2.74	9,300	4,836	0.52	2.95	8,700	4,524	0.52	3.18
20	20	10,400	4,160	0.40	2.81	10,000	4,000	0.40	3.01	9,400	3,760	0.40	3.23
22	16	8,900	6,408	0.72	2.67	8,500	6,120	0.72	2.87	8,100	5,832	0.72	3.11
22	18	9,600	5,760	0.60	2.74	9,300	5,580	0.60	2.95	8,700	5,220	0.60	3.18
22	20	10,400	4,992	0.48	2.81	10,000	4,800	0.48	3.01	9,400	4,512	0.48	3.23
24	16	8,900	7,120	0.80	2.67	8,500	6,800	0.80	2.87	8,100	6,480	0.80	3.11
24	18	9,600	6,528	0.68	2.74	9,300	6,324	0.68	2.95	8,700	5,916	0.68	3.18
24	20	10,400	5,824	0.56	2.81	10,000	5,600	0.56	3.01	9,400	5,264	0.56	3.23
24	22	11,200	4,928	0.44	2.87	10,800	4,752	0.44	3.09	10,200	4,488	0.44	3.29
26	16	8,900	7,832	0.88	2.67	8,500	7,480	0.88	2.87	8,100	7,128	0.88	3.11
26	18	9,600	7,296	0.76	2.74	9,300	7,068	0.76	2.95	8,700	6,612	0.76	3.18
26	20	10,400	6,656	0.64	2.81	10,000	6,400	0.64	3.01	9,400	6,016	0.64	3.23
26	22	11,200	5,824	0.52	2.87	10,800	5,616	0.52	3.09	10,200	5,304	0.52	3.29
27	16	8,900	8,188	0.92	2.67	8,500	7,820	0.92	2.87	8,100	7,452	0.92	3.11
27	18	9,600	7,680	0.80	2.74	9,300	7,440	0.80	2.95	8,700	6,960	0.80	3.18
27	20	10,400	7,072	0.68	2.81	10,000	6,800	0.68	3.01	9,400	6,392	0.68	3.23
27	22	11,200	6,272	0.56	2.87	10,800	6,048	0.56	3.09	10,200	5,712	0.56	3.29
28	16	8,900	8,544	0.96	2.67	8,500	8,160	0.96	2.87	8,100	7,776	0.96	3.11
28	18	9,600	8,064	0.84	2.74	9,300	7,812	0.84	2.95	8,700	7,308	0.84	3.18
28	20	10,400	7,488	0.72	2.81	10,000	7,200	0.72	3.01	9,400	6,768	0.72	3.23
28	22	11,200	6,720	0.60	2.87	10,800	6,480	0.60	3.09	10,200	6,120	0.60	3.29
30	16	8,900	8,900	1.00	2.67	8,500	8,500	1.00	2.87	8,100	8,100	1.00	3.11
30	18	9,600	8,832	0.92	2.74	9,300	8,556	0.92	2.95	8,700	8,004	0.92	3.18
30	20	10,400	8,320	0.80	2.81	10,000	8,000	0.80	3.01	9,400	7,520	0.80	3.23
30	22	11,200	7,616	0.68	2.87	10,800	7,344	0.68	3.09	10,200	6,936	0.68	3.29
32	16	8,900	8,900	1.00	2.67	8,500	8,500	1.00	2.87	8,100	8,100	1.00	3.11
32	18	9,600	9,600	1.00	2.74	9,300	9,300	1.00	2.95	8,700	8,700	1.00	3.18
32	20	10,400	9,152	0.88	2.81	10,000	8,800	0.88	3.01	9,400	8,272	0.88	3.23
32	22	11,200	8,512	0.76	2.87	10,800	8,208	0.76	3.09	10,200	7,752	0.76	3.29
34	16	8,900	8,900	1.00	2.67	8,500	8,500	1.00	2.87	8,100	8,100	1.00	3.11
34	18	9,600	9,600	1.00	2.74	9,300	9,300	1.00	2.95	8,700	8,700	1.00	3.18
34	20	10,400	9,984	0.96	2.81	10,000	9,600	0.96	3.01	9,400	9,024	0.96	3.23
34	22	11,200	9,408	0.84	2.87	10,800	9,072	0.84	3.09	10,200	8,568	0.84	3.29

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP125BA / PUHZ-SHW140YHA(-BS)

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	7,920	0.64	3.56	12,000	7,680	0.64	3.76	11,625	7,440	0.64	3.98
20	18	13,250	6,890	0.52	3.63	12,875	6,695	0.52	3.83	12,438	6,468	0.52	4.09
20	20	14,250	5,700	0.40	3.74	13,938	5,575	0.40	3.92	13,563	5,425	0.40	4.18
22	16	12,375	8,910	0.72	3.56	12,000	8,640	0.72	3.76	11,625	8,370	0.72	3.98
22	18	13,250	7,950	0.60	3.63	12,875	7,725	0.60	3.83	12,438	7,463	0.60	4.09
22	20	14,250	6,840	0.48	3.74	13,938	6,690	0.48	3.92	13,563	6,510	0.48	4.18
24	16	12,375	9,900	0.80	3.56	12,000	9,600	0.80	3.76	11,625	9,300	0.80	3.98
24	18	13,250	9,010	0.68	3.63	12,875	8,755	0.68	3.83	12,438	8,458	0.68	4.09
24	20	14,250	7,980	0.56	3.74	13,938	7,805	0.56	3.92	13,563	7,595	0.56	4.18
24	22	15,188	6,683	0.44	3.83	14,875	6,545	0.44	4.05	14,500	6,380	0.44	4.32
26	16	12,375	10,890	0.88	3.56	12,000	10,560	0.88	3.76	11,625	10,230	0.88	3.98
26	18	13,250	10,070	0.76	3.63	12,875	9,785	0.76	3.83	12,438	9,453	0.76	4.09
26	20	14,250	9,120	0.64	3.74	13,938	8,920	0.64	3.92	13,563	8,680	0.64	4.18
26	22	15,188	7,898	0.52	3.83	14,875	7,735	0.52	4.05	14,500	7,540	0.52	4.32
27	16	12,375	11,385	0.92	3.56	12,000	11,040	0.92	3.76	11,625	10,695	0.92	3.98
27	18	13,250	10,600	0.80	3.63	12,875	10,300	0.80	3.83	12,438	9,950	0.80	4.09
27	20	14,250	9,690	0.68	3.74	13,938	9,478	0.68	3.92	13,563	9,223	0.68	4.18
27	22	15,188	8,505	0.56	3.83	14,875	8,330	0.56	4.05	14,500	8,120	0.56	4.32
28	16	12,375	11,880	0.96	3.56	12,000	11,520	0.96	3.76	11,625	11,160	0.96	3.98
28	18	13,250	11,130	0.84	3.63	12,875	10,815	0.84	3.83	12,438	10,448	0.84	4.09
28	20	14,250	10,260	0.72	3.74	13,938	10,035	0.72	3.92	13,563	9,765	0.72	4.18
28	22	15,188	9,113	0.60	3.83	14,875	8,925	0.60	4.05	14,500	8,700	0.60	4.32
30	16	12,375	12,375	1.00	3.56	12,000	12,000	1.00	3.76	11,625	11,625	1.00	3.98
30	18	13,250	12,190	0.92	3.63	12,875	11,845	0.92	3.83	12,438	11,443	0.92	4.09
30	20	14,250	11,400	0.80	3.74	13,938	11,150	0.80	3.92	13,563	10,850	0.80	4.18
30	22	15,188	10,328	0.68	3.83	14,875	10,115	0.68	4.05	14,500	9,860	0.68	4.32
32	16	12,375	12,375	1.00	3.56	12,000	12,000	1.00	3.76	11,625	11,625	1.00	3.98
32	18	13,250	13,250	1.00	3.63	12,875	12,875	1.00	3.83	12,438	12,438	1.00	4.09
32	20	14,250	12,540	0.88	3.74	13,938	12,265	0.88	3.92	13,563	11,935	0.88	4.18
32	22	15,188	11,543	0.76	3.83	14,875	11,305	0.76	4.05	14,500	11,020	0.76	4.32
34	16	12,375	12,375	1.00	3.56	12,000	12,000	1.00	3.76	11,625	11,625	1.00	3.98
34	18	13,250	13,250	1.00	3.63	12,875	12,875	1.00	3.83	12,438	12,438	1.00	4.09
34	20	14,250	13,680	0.96	3.74	13,938	13,380	0.96	3.92	13,563	13,020	0.96	4.18
34	22	15,188	12,758	0.84	3.83	14,875	12,495	0.84	4.05	14,500	12,180	0.84	4.32

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	7,120	0.64	4.27	10,625	6,800	0.64	4.58	10,125	6,480	0.64	4.96
20	18	12,000	6,240	0.52	4.38	11,625	6,045	0.52	4.72	10,875	5,655	0.52	5.07
20	20	13,000	5,200	0.40	4.49	12,500	5,000	0.40	4.80	11,750	4,700	0.40	5.16
22	16	11,125	8,010	0.72	4.27	10,625	7,650	0.72	4.58	10,125	7,290	0.72	4.96
22	18	12,000	7,200	0.60	4.38	11,625	6,975	0.60	4.72	10,875	6,525	0.60	5.07
22	20	13,000	6,240	0.48	4.49	12,500	6,000	0.48	4.80	11,750	5,640	0.48	5.16
24	16	11,125	8,900	0.80	4.27	10,625	8,500	0.80	4.58	10,125	8,100	0.80	4.96
24	18	12,000	8,160	0.68	4.38	11,625	7,905	0.68	4.72	10,875	7,395	0.68	5.07
24	20	13,000	7,280	0.56	4.49	12,500	7,000	0.56	4.80	11,750	6,580	0.56	5.16
24	22	14,000	6,160	0.44	4.58	13,500	5,940	0.44	4.94	12,750	5,610	0.44	5.25
26	16	11,125	9,790	0.88	4.27	10,625	9,350	0.88	4.58	10,125	8,910	0.88	4.96
26	18	12,000	9,120	0.76	4.38	11,625	8,835	0.76	4.72	10,875	8,265	0.76	5.07
26	20	13,000	8,320	0.64	4.49	12,500	8,000	0.64	4.80	11,750	7,520	0.64	5.16
26	22	14,000	7,280	0.52	4.58	13,500	7,020	0.52	4.94	12,750	6,630	0.52	5.25
27	16	11,125	10,235	0.92	4.27	10,625	9,775	0.92	4.58	10,125	9,315	0.92	4.96
27	18	12,000	9,600	0.80	4.38	11,625	9,300	0.80	4.72	10,875	8,700	0.80	5.07
27	20	13,000	8,840	0.68	4.49	12,500	8,500	0.68	4.80	11,750	7,990	0.68	5.16
27	22	14,000	7,840	0.56	4.58	13,500	7,560	0.56	4.94	12,750	7,140	0.56	5.25
28	16	11,125	10,680	0.96	4.27	10,625	10,200	0.96	4.58	10,125	9,720	0.96	4.96
28	18	12,000	10,080	0.84	4.38	11,625	9,765	0.84	4.72	10,875	9,135	0.84	5.07
28	20	13,000	9,360	0.72	4.49	12,500	9,000	0.72	4.80	11,750	8,460	0.72	5.16
28	22	14,000	8,400	0.60	4.58	13,500	8,100	0.60	4.94	12,750	7,650	0.60	5.25
30	16	11,125	11,125	1.00	4.27	10,625	10,625	1.00	4.58	10,125	10,125	1.00	4.96
30	18	12,000	11,040	0.92	4.38	11,625	10,695	0.92	4.72	10,875	10,005	0.92	5.07
30	20	13,000	10,400	0.80	4.49	12,500	10,000	0.80	4.80	11,750	9,400	0.80	5.16
30	22	14,000	9,520	0.68	4.58	13,500	9,180	0.68	4.94	12,750	8,670	0.68	5.25
32	16	11,125	11,125	1.00	4.27	10,625	10,625	1.00	4.58	10,125	10,125	1.00	4.96
32	18	12,000	12,000	1.00	4.38	11,625	11,625	1.00	4.72	10,875	10,875	1.00	5.07
32	20	13,000	11,440	0.88	4.49	12,500	11,000	0.88	4.80	11,750	10,340	0.88	5.16
32	22	14,000	10,640	0.76	4.58	13,500	10,260	0.76	4.94	12,750	9,690	0.76	5.25
34	16	11,125	11,125	1.00	4.27	10,625	10,625	1.00	4.58	10,125	10,125	1.00	4.96
34	18	12,000	12,000	1.00	4.38	11,625	11,625	1.00	4.72	10,875	10,875	1.00	5.07
34	20	13,000	12,480	0.96	4.49	12,500	12,000	0.96	4.80	11,750	11,280	0.96	5.16
34	22	14,000	11,760	0.84	4.58	13,500	11,340	0.84	4.94	12,750	10,710	0.84	5.25

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP100BA/ PUHZ-SHW112VHA(-BS),PUHZ-SHW112YHA(-BS)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,900	6,336	0.64	2.28	9,600	6,144	0.64	2.41	9,300	5,952	0.64	2.55
20	18	10,600	5,512	0.52	2.32	10,300	5,356	0.52	2.45	9,950	5,174	0.52	2.62
20	20	11,400	4,560	0.40	2.39	11,150	4,460	0.40	2.51	10,850	4,340	0.40	2.68
22	16	9,900	7,128	0.72	2.28	9,600	6,912	0.72	2.41	9,300	6,696	0.72	2.55
22	18	10,600	6,360	0.60	2.32	10,300	6,180	0.60	2.45	9,950	5,970	0.60	2.62
22	20	11,400	5,472	0.48	2.39	11,150	5,352	0.48	2.51	10,850	5,208	0.48	2.68
24	16	9,900	7,920	0.80	2.28	9,600	7,680	0.80	2.41	9,300	7,440	0.80	2.55
24	18	10,600	7,208	0.68	2.32	10,300	7,004	0.68	2.45	9,950	6,766	0.68	2.62
24	20	11,400	6,384	0.56	2.39	11,150	6,244	0.56	2.51	10,850	6,076	0.56	2.68
24	22	12,150	5,346	0.44	2.45	11,900	5,236	0.44	2.59	11,600	5,104	0.44	2.76
26	16	9,900	8,712	0.88	2.28	9,600	8,448	0.88	2.41	9,300	8,184	0.88	2.55
26	18	10,600	8,056	0.76	2.32	10,300	7,828	0.76	2.45	9,950	7,562	0.76	2.62
26	20	11,400	7,296	0.64	2.39	11,150	7,136	0.64	2.51	10,850	6,944	0.64	2.68
26	22	12,150	6,318	0.52	2.45	11,900	6,188	0.52	2.59	11,600	6,032	0.52	2.76
27	16	9,900	9,108	0.92	2.28	9,600	8,832	0.92	2.41	9,300	8,556	0.92	2.55
27	18	10,600	8,480	0.80	2.32	10,300	8,240	0.80	2.45	9,950	7,960	0.80	2.62
27	20	11,400	7,752	0.68	2.39	11,150	7,582	0.68	2.51	10,850	7,378	0.68	2.68
27	22	12,150	6,804	0.56	2.45	11,900	6,664	0.56	2.59	11,600	6,496	0.56	2.76
28	16	9,900	9,504	0.96	2.28	9,600	9,216	0.96	2.41	9,300	8,928	0.96	2.55
28	18	10,600	8,904	0.84	2.32	10,300	8,652	0.84	2.45	9,950	8,358	0.84	2.62
28	20	11,400	8,208	0.72	2.39	11,150	8,028	0.72	2.51	10,850	7,812	0.72	2.68
28	22	12,150	7,290	0.60	2.45	11,900	7,140	0.60	2.59	11,600	6,960	0.60	2.76
30	16	9,900	9,900	1.00	2.28	9,600	9,600	1.00	2.41	9,300	9,300	1.00	2.55
30	18	10,600	9,752	0.92	2.32	10,300	9,476	0.92	2.45	9,950	9,154	0.92	2.62
30	20	11,400	9,120	0.80	2.39	11,150	8,920	0.80	2.51	10,850	8,680	0.80	2.68
30	22	12,150	8,262	0.68	2.45	11,900	8,092	0.68	2.59	11,600	7,888	0.68	2.76
32	16	9,900	9,900	1.00	2.28	9,600	9,600	1.00	2.41	9,300	9,300	1.00	2.55
32	18	10,600	10,600	1.00	2.32	10,300	10,300	1.00	2.45	9,950	9,950	1.00	2.62
32	20	11,400	10,032	0.88	2.39	11,150	9,812	0.88	2.51	10,850	9,548	0.88	2.68
32	22	12,150	9,234	0.76	2.45	11,900	9,044	0.76	2.59	11,600	8,816	0.76	2.76
34	16	9,900	9,900	1.00	2.28	9,600	9,600	1.00	2.41	9,300	9,300	1.00	2.55
34	18	10,600	10,600	1.00	2.32	10,300	10,300	1.00	2.45	9,950	9,950	1.00	2.62
34	20	11,400	10,944	0.96	2.39	11,150	10,704	0.96	2.51	10,850	10,416	0.96	2.68
34	22	12,150	10,206	0.84	2.45	11,900	9,996	0.84	2.59	11,600	9,744	0.84	2.76

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,900	5,696	0.64	2.74	8,500	5,440	0.64	2.94	8,100	5,184	0.64	3.18
20	18	9,600	4,992	0.52	2.81	9,300	4,836	0.52	3.02	8,700	4,524	0.52	3.25
20	20	10,400	4,160	0.40	2.88	10,000	4,000	0.40	3.08	9,400	3,760	0.40	3.31
22	16	8,900	6,408	0.72	2.74	8,500	6,120	0.72	2.94	8,100	5,832	0.72	3.18
22	18	9,600	5,760	0.60	2.81	9,300	5,580	0.60	3.02	8,700	5,220	0.60	3.25
22	20	10,400	4,992	0.48	2.88	10,000	4,800	0.48	3.08	9,400	4,512	0.48	3.31
24	16	8,900	7,120	0.80	2.74	8,500	6,800	0.80	2.94	8,100	6,480	0.80	3.18
24	18	9,600	6,528	0.68	2.81	9,300	6,324	0.68	3.02	8,700	5,916	0.68	3.25
24	20	10,400	5,824	0.56	2.88	10,000	5,600	0.56	3.08	9,400	5,264	0.56	3.31
24	22	11,200	4,928	0.44	2.94	10,800	4,752	0.44	3.16	10,200	4,488	0.44	3.36
26	16	8,900	7,832	0.88	2.74	8,500	7,480	0.88	2.94	8,100	7,128	0.88	3.18
26	18	9,600	7,296	0.76	2.81	9,300	7,068	0.76	3.02	8,700	6,612	0.76	3.25
26	20	10,400	6,656	0.64	2.88	10,000	6,400	0.64	3.08	9,400	6,016	0.64	3.31
26	22	11,200	5,824	0.52	2.94	10,800	5,616	0.52	3.16	10,200	5,304	0.52	3.36
27	16	8,900	8,188	0.92	2.74	8,500	7,820	0.92	2.94	8,100	7,452	0.92	3.18
27	18	9,600	7,680	0.80	2.81	9,300	7,440	0.80	3.02	8,700	6,960	0.80	3.25
27	20	10,400	7,072	0.68	2.88	10,000	6,800	0.68	3.08	9,400	6,392	0.68	3.31
27	22	11,200	6,272	0.56	2.94	10,800	6,048	0.56	3.16	10,200	5,712	0.56	3.36
28	16	8,900	8,544	0.96	2.74	8,500	8,160	0.96	2.94	8,100	7,776	0.96	3.18
28	18	9,600	8,064	0.84	2.81	9,300	7,812	0.84	3.02	8,700	7,308	0.84	3.25
28	20	10,400	7,488	0.72	2.88	10,000	7,200	0.72	3.08	9,400	6,768	0.72	3.31
28	22	11,200	6,720	0.60	2.94	10,800	6,480	0.60	3.16	10,200	6,120	0.60	3.36
30	16	8,900	8,900	1.00	2.74	8,500	8,500	1.00	2.94	8,100	8,100	1.00	3.18
30	18	9,600	8,832	0.92	2.81	9,300	8,556	0.92	3.02	8,700	8,004	0.92	3.25
30	20	10,400	8,320	0.80	2.88	10,000	8,000	0.80	3.08	9,400	7,520	0.80	3.31
30	22	11,200	7,616	0.68	2.94	10,800	7,344	0.68	3.16	10,200	6,936	0.68	3.36
32	16	8,900	8,900	1.00	2.74	8,500	8,500	1.00	2.94	8,100	8,100	1.00	3.18
32	18	9,600	9,600	1.00	2.81	9,300	9,300	1.00	3.02	8,700	8,700	1.00	3.25
32	20	10,400	9,152	0.88	2.88	10,000	8,800	0.88	3.08	9,400	8,272	0.88	3.31
32	22	11,200	8,512	0.76	2.94	10,800	8,208	0.76	3.16	10,200	7,752	0.76	3.36
34	16	8,900	8,900	1.00	2.74	8,500	8,500	1.00	2.94	8,100	8,100	1.00	3.18
34	18	9,600	9,600	1.00	2.81	9,300	9,300	1.00	3.02	8,700	8,700	1.00	3.25
34	20	10,400	9,984	0.96	2.88	10,000	9,600	0.96	3.08	9,400	9,024	0.96	3.31
34	22	11,200	9,408	0.84	2.94	10,800	9,072	0.84	3.16	10,200	8,568	0.84	3.36

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP125BA / PUHZ-SHW140YHA(-BS)

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	7,549	0.61	3.56	12,000	7,320	0.61	3.76	11,625	7,091	0.61	3.98
20	18	13,250	6,493	0.49	3.63	12,875	6,309	0.49	3.83	12,438	6,094	0.49	4.09
20	20	14,250	5,273	0.37	3.74	13,938	5,157	0.37	3.92	13,563	5,018	0.37	4.18
22	16	123,750	85,388	0.69	3.56	120,000	82,800	0.69	3.76	116,250	80,213	0.69	3.98
22	18	132,500	75,525	0.57	3.63	128,750	73,388	0.57	3.83	124,375	70,894	0.57	4.09
22	20	142,500	64,125	0.45	3.74	139,375	62,719	0.45	3.92	135,625	61,031	0.45	4.18
24	16	12,375	9,529	0.77	3.56	12,000	9,240	0.77	3.76	11,625	8,951	0.77	3.98
24	18	13,250	8,613	0.65	3.63	12,875	8,369	0.65	3.83	12,438	8,084	0.65	4.09
24	20	14,250	7,553	0.53	3.74	13,938	7,387	0.53	3.92	13,563	7,188	0.53	4.18
24	22	15,188	6,227	0.41	3.83	14,875	6,099	0.41	4.05	14,500	5,945	0.41	4.32
26	16	12,375	10,519	0.85	3.56	12,000	10,200	0.85	3.76	11,625	9,881	0.85	3.98
26	18	13,250	9,673	0.73	3.63	12,875	9,399	0.73	3.83	12,438	9,079	0.73	4.09
26	20	14,250	8,693	0.61	3.74	13,938	8,502	0.61	3.92	13,563	8,273	0.61	4.18
26	22	15,188	7,442	0.49	3.83	14,875	7,289	0.49	4.05	14,500	7,105	0.49	4.32
27	16	12,375	11,014	0.89	3.56	12,000	10,680	0.89	3.76	11,625	10,346	0.89	3.98
27	18	13,250	10,203	0.77	3.63	12,875	9,914	0.77	3.83	12,438	9,577	0.77	4.09
27	20	14,250	9,263	0.65	3.74	13,938	9,059	0.65	3.92	13,563	8,816	0.65	4.18
27	22	15,188	8,049	0.53	3.83	14,875	7,884	0.53	4.05	14,500	7,685	0.53	4.32
28	16	12,375	11,509	0.93	3.56	12,000	11,160	0.93	3.76	11,625	10,811	0.93	3.98
28	18	13,250	10,733	0.81	3.63	12,875	10,429	0.81	3.83	12,438	10,074	0.81	4.09
28	20	14,250	9,833	0.69	3.74	13,938	9,617	0.69	3.92	13,563	9,358	0.69	4.18
28	22	15,188	8,657	0.57	3.83	14,875	8,479	0.57	4.05	14,500	8,265	0.57	4.32
30	16	12,375	12,375	1.00	3.56	12,000	12,000	1.00	3.76	11,625	11,625	1.00	3.98
30	18	13,250	11,793	0.89	3.63	12,875	11,459	0.89	3.83	12,438	11,069	0.89	4.09
30	20	14,250	10,973	0.77	3.74	13,938	10,732	0.77	3.92	13,563	10,443	0.77	4.18
30	22	15,188	9,872	0.65	3.83	14,875	9,669	0.65	4.05	14,500	9,425	0.65	4.32
32	16	12,375	12,375	1.00	3.56	12,000	12,000	1.00	3.76	11,625	11,625	1.00	3.98
32	18	13,250	12,853	0.97	3.63	12,875	12,489	0.97	3.83	12,438	12,064	0.97	4.09
32	20	14,250	12,113	0.85	3.74	13,938	11,847	0.85	3.92	13,563	11,528	0.85	4.18
32	22	15,188	11,087	0.73	3.83	14,875	10,859	0.73	4.05	14,500	10,585	0.73	4.32
34	16	12,375	12,375	1.00	3.56	12,000	12,000	1.00	3.76	11,625	11,625	1.00	3.98
34	18	13,250	13,250	1.00	3.63	12,875	12,875	1.00	3.83	12,438	12,438	1.00	4.09
34	20	14,250	13,253	0.93	3.74	13,938	12,962	0.93	3.92	13,563	12,613	0.93	4.18
34	22	15,188	12,302	0.81	3.83	14,875	12,049	0.81	4.05	14,500	11,745	0.81	4.32

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	6,786	0.61	4.27	10,625	6,481	0.61	4.58	10,125	6,176	0.61	4.96
20	18	12,000	5,880	0.49	4.38	11,625	5,696	0.49	4.72	10,875	5,329	0.49	5.07
20	20	13,000	4,810	0.37	4.49	12,500	4,625	0.37	4.80	11,750	4,348	0.37	5.16
22	16	111,250	76,763	0.69	4.27	106,250	73,313	0.69	4.58	101,250	69,863	0.69	4.96
22	18	120,000	68,400	0.57	4.38	116,250	66,263	0.57	4.72	108,750	61,988	0.57	5.07
22	20	130,000	58,500	0.45	4.49	125,000	56,250	0.45	4.80	117,500	52,875	0.45	5.16
24	16	11,125	8,566	0.77	4.27	10,625	8,181	0.77	4.58	10,125	7,796	0.77	4.96
24	18	12,000	7,800	0.65	4.38	11,625	7,556	0.65	4.72	10,875	7,069	0.65	5.07
24	20	13,000	6,890	0.53	4.49	12,500	6,625	0.53	4.80	11,750	6,228	0.53	5.16
24	22	14,000	5,740	0.41	4.58	13,500	5,535	0.41	4.94	12,750	5,228	0.41	5.25
26	16	11,125	9,456	0.85	4.27	10,625	9,031	0.85	4.58	10,125	8,606	0.85	4.96
26	18	12,000	8,760	0.73	4.38	11,625	8,486	0.73	4.72	10,875	7,939	0.73	5.07
26	20	13,000	7,930	0.61	4.49	12,500	7,625	0.61	4.80	11,750	7,168	0.61	5.16
26	22	14,000	6,860	0.49	4.58	13,500	6,615	0.49	4.94	12,750	6,248	0.49	5.25
27	16	11,125	9,901	0.89	4.27	10,625	9,456	0.89	4.58	10,125	9,011	0.89	4.96
27	18	12,000	9,240	0.77	4.38	11,625	8,951	0.77	4.72	10,875	8,374	0.77	5.07
27	20	13,000	8,450	0.65	4.49	12,500	8,125	0.65	4.80	11,750	7,638	0.65	5.16
27	22	14,000	7,420	0.53	4.58	13,500	7,155	0.53	4.94	12,750	6,758	0.53	5.25
28	16	11,125	10,346	0.93	4.27	10,625	9,881	0.93	4.58	10,125	9,416	0.93	4.96
28	18	12,000	9,720	0.81	4.38	11,625	9,416	0.81	4.72	10,875	8,809	0.81	5.07
28	20	13,000	8,970	0.69	4.49	12,500	8,625	0.69	4.80	11,750	8,108	0.69	5.16
28	22	14,000	7,980	0.57	4.58	13,500	7,695	0.57	4.94	12,750	7,268	0.57	5.25
30	16	11,125	11,125	1.00	4.27	10,625	10,625	1.00	4.58	10,125	10,125	1.00	4.96
30	18	12,000	10,680	0.89	4.38	11,625	10,346	0.89	4.72	10,875	9,679	0.89	5.07
30	20	13,000	10,010	0.77	4.49	12,500	9,625	0.77	4.80	11,750	9,048	0.77	5.16
30	22	14,000	9,100	0.65	4.58	13,500	8,775	0.65	4.94	12,750	8,288	0.65	5.25
32	16	11,125	11,125	1.00	4.27	10,625	10,625	1.00	4.58	10,125	10,125	1.00	4.96
32	18	12,000	11,640	0.97	4.38	11,625	11,276	0.97	4.72	10,875	10,549	0.97	5.07
32	20	13,000	11,050	0.85	4.49	12,500	10,625	0.85	4.80	11,750	9,988	0.85	5.16
32	22	14,000	10,220	0.73	4.58	13,500	9,855	0.73	4.94	12,750	9,308	0.73	5.25
34	16	11,125	11,125	1.00	4.27	10,625	10,625	1.00	4.58	10,125	10,125	1.00	4.96
34	18	12,000	12,000	1.00	4.38	11,625	11,625	1.00	4.72	10,875	10,875	1.00	5.07
34	20	13,000	12,090	0.93	4.49	12,500	11,625	0.93	4.80	11,750	10,928	0.93	5.16
34	22	14,000	11,340	0.81	4.58	13,500	10,935	0.81	4.94	12,750	10,328	0.81	5.25

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP35BA/ PUHZ-ZRP35VKA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	3,065	0.86	0.63	3,456	2,972	0.86	0.67	3,348	2,879	0.86	0.71
20	18	3,816	2,824	0.74	0.64	3,708	2,744	0.74	0.68	3,582	2,651	0.74	0.73
20	20	4,104	2,544	0.62	0.66	4,014	2,489	0.62	0.70	3,906	2,422	0.62	0.74
22	16	3,564	3,350	0.94	0.63	3,456	3,249	0.94	0.67	3,348	3,147	0.94	0.71
22	18	3,816	3,129	0.82	0.64	3,708	3,041	0.82	0.68	3,582	2,937	0.82	0.73
22	20	4,104	2,873	0.70	0.66	4,014	2,810	0.70	0.70	3,906	2,734	0.70	0.74
24	16	3,564	3,564	1.00	0.63	3,456	3,456	1.00	0.67	3,348	3,348	1.00	0.71
24	18	3,816	3,434	0.90	0.64	3,708	3,337	0.90	0.68	3,582	3,224	0.90	0.73
24	20	4,104	3,201	0.78	0.66	4,014	3,131	0.78	0.70	3,906	3,047	0.78	0.74
24	22	4,374	2,887	0.66	0.68	4,284	2,827	0.66	0.72	4,176	2,756	0.66	0.77
26	16	3,564	3,564	1.00	0.63	3,456	3,456	1.00	0.67	3,348	3,348	1.00	0.71
26	18	3,816	3,740	0.98	0.64	3,708	3,634	0.98	0.68	3,582	3,510	0.98	0.73
26	20	4,104	3,529	0.86	0.66	4,014	3,452	0.86	0.70	3,906	3,359	0.86	0.74
26	22	4,374	3,237	0.74	0.68	4,284	3,170	0.74	0.72	4,176	3,090	0.74	0.77
27	16	3,564	3,564	1.00	0.63	3,456	3,456	1.00	0.67	3,348	3,348	1.00	0.71
27	18	3,816	3,816	1.00	0.64	3,708	3,708	1.00	0.68	3,582	3,582	1.00	0.73
27	20	4,104	3,694	0.90	0.66	4,014	3,613	0.90	0.70	3,906	3,515	0.90	0.74
27	22	4,374	3,412	0.78	0.68	4,284	3,342	0.78	0.72	4,176	3,257	0.78	0.77
28	16	3,564	3,564	1.00	0.63	3,456	3,456	1.00	0.67	3,348	3,348	1.00	0.71
28	18	3,816	3,816	1.00	0.64	3,708	3,708	1.00	0.68	3,582	3,582	1.00	0.73
28	20	4,104	3,858	0.94	0.66	4,014	3,773	0.94	0.70	3,906	3,672	0.94	0.74
28	22	4,374	3,587	0.82	0.68	4,284	3,513	0.82	0.72	4,176	3,424	0.82	0.77
30	16	3,564	3,564	1.00	0.63	3,456	3,456	1.00	0.67	3,348	3,348	1.00	0.71
30	18	3,816	3,816	1.00	0.64	3,708	3,708	1.00	0.68	3,582	3,582	1.00	0.73
30	20	4,104	4,104	1.00	0.66	4,014	4,014	1.00	0.70	3,906	3,906	1.00	0.74
30	22	4,374	3,937	0.90	0.68	4,284	3,856	0.90	0.72	4,176	3,758	0.90	0.77
32	16	3,564	3,564	1.00	0.63	3,456	3,456	1.00	0.67	3,348	3,348	1.00	0.71
32	18	3,816	3,816	1.00	0.64	3,708	3,708	1.00	0.68	3,582	3,582	1.00	0.73
32	20	4,104	4,104	1.00	0.66	4,014	4,014	1.00	0.70	3,906	3,906	1.00	0.74
32	22	4,374	4,287	0.98	0.68	4,284	4,198	0.98	0.72	4,176	4,092	0.98	0.77
34	16	3,564	3,564	1.00	0.63	3,456	3,456	1.00	0.67	3,348	3,348	1.00	0.71
34	18	3,816	3,816	1.00	0.64	3,708	3,708	1.00	0.68	3,582	3,582	1.00	0.73
34	20	4,104	4,104	1.00	0.66	4,014	4,014	1.00	0.70	3,906	3,906	1.00	0.74
34	22	4,374	4,374	1.00	0.68	4,284	4,284	1.00	0.72	4,176	4,176	1.00	0.77

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,755	0.86	0.76	3,060	2,632	0.86	0.81	2,916	2,508	0.86	0.88
20	18	3,456	2,557	0.74	0.78	3,348	2,478	0.74	0.84	3,132	2,318	0.74	0.90
20	20	3,744	2,321	0.62	0.80	3,600	2,232	0.62	0.85	3,384	2,098	0.62	0.92
22	16	3,204	3,012	0.94	0.76	3,060	2,876	0.94	0.81	2,916	2,741	0.94	0.88
22	18	3,456	2,834	0.82	0.78	3,348	2,745	0.82	0.84	3,132	2,568	0.82	0.90
22	20	3,744	2,621	0.70	0.80	3,600	2,520	0.70	0.85	3,384	2,369	0.70	0.92
24	16	3,204	3,204	1.00	0.76	3,060	3,060	1.00	0.81	2,916	2,916	1.00	0.88
24	18	3,456	3,110	0.90	0.78	3,348	3,013	0.90	0.84	3,132	2,819	0.90	0.90
24	20	3,744	2,920	0.78	0.80	3,600	2,808	0.78	0.85	3,384	2,640	0.78	0.92
24	22	4,032	2,661	0.66	0.81	3,888	2,566	0.66	0.88	3,672	2,424	0.66	0.93
26	16	3,204	3,204	1.00	0.76	3,060	3,060	1.00	0.81	2,916	2,916	1.00	0.88
26	18	3,456	3,387	0.98	0.78	3,348	3,281	0.98	0.84	3,132	3,069	0.98	0.90
26	20	3,744	3,220	0.86	0.80	3,600	3,096	0.86	0.85	3,384	2,910	0.86	0.92
26	22	4,032	2,984	0.74	0.81	3,888	2,877	0.74	0.88	3,672	2,717	0.74	0.93
27	16	3,204	3,204	1.00	0.76	3,060	3,060	1.00	0.81	2,916	2,916	1.00	0.88
27	18	3,456	3,456	1.00	0.78	3,348	3,348	1.00	0.84	3,132	3,132	1.00	0.90
27	20	3,744	3,370	0.90	0.80	3,600	3,240	0.90	0.85	3,384	3,046	0.90	0.92
27	22	4,032	3,145	0.78	0.81	3,888	3,033	0.78	0.88	3,672	2,864	0.78	0.93
28	16	3,204	3,204	1.00	0.76	3,060	3,060	1.00	0.81	2,916	2,916	1.00	0.88
28	18	3,456	3,456	1.00	0.78	3,348	3,348	1.00	0.84	3,132	3,132	1.00	0.90
28	20	3,744	3,519	0.94	0.80	3,600	3,384	0.94	0.85	3,384	3,181	0.94	0.92
28	22	4,032	3,306	0.82	0.81	3,888	3,188	0.82	0.88	3,672	3,011	0.82	0.93
30	16	3,204	3,204	1.00	0.76	3,060	3,060	1.00	0.81	2,916	2,916	1.00	0.88
30	18	3,456	3,456	1.00	0.78	3,348	3,348	1.00	0.84	3,132	3,132	1.00	0.90
30	20	3,744	3,744	1.00	0.80	3,600	3,600	1.00	0.85	3,384	3,384	1.00	0.92
30	22	4,032	3,629	0.90	0.81	3,888	3,499	0.90	0.88	3,672	3,305	0.90	0.93
32	16	3,204	3,204	1.00	0.76	3,060	3,060	1.00	0.81	2,916	2,916	1.00	0.88
32	18	3,456	3,456	1.00	0.78	3,348	3,348	1.00	0.84	3,132	3,132	1.00	0.90
32	20	3,744	3,744	1.00	0.80	3,600	3,600	1.00	0.85	3,384	3,384	1.00	0.92
32	22	4,032	3,951	0.98	0.81	3,888	3,810	0.98	0.88	3,672	3,599	0.98	0.93
34	16	3,204	3,204	1.00	0.76	3,060	3,060	1.00	0.81	2,916	2,916	1.00	0.88
34	18	3,456	3,456	1.00	0.78	3,348	3,348	1.00	0.84	3,132	3,132	1.00	0.90
34	20	3,744	3,744	1.00	0.80	3,600	3,600	1.00	0.85	3,384	3,384	1.00	0.92
34	22	4,032	4,032	1.00	0.81	3,888	3,888	1.00	0.88	3,672	3,672	1.00	0.93

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP50BA / PUHZ-ZRP50VKA

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	4,950	3,663	0.74	1.14	4,800	3,552	0.74	1.21	4,650	3,441	0.74	1.28
20	18	5,300	3,286	0.62	1.17	5,150	3,193	0.62	1.23	4,975	3,085	0.62	1.32
20	20	5,700	2,850	0.50	1.20	5,575	2,788	0.50	1.26	5,425	2,713	0.50	1.34
22	16	4,950	4,059	0.82	1.14	4,800	3,936	0.82	1.21	4,650	3,813	0.82	1.28
22	18	5,300	3,710	0.70	1.17	5,150	3,605	0.70	1.23	4,975	3,483	0.70	1.32
22	20	5,700	3,306	0.58	1.20	5,575	3,234	0.58	1.26	5,425	3,147	0.58	1.34
24	16	4,950	4,455	0.90	1.14	4,800	4,320	0.90	1.21	4,650	4,185	0.90	1.28
24	18	5,300	4,134	0.78	1.17	5,150	4,017	0.78	1.23	4,975	3,881	0.78	1.32
24	20	5,700	3,762	0.66	1.20	5,575	3,680	0.66	1.26	5,425	3,581	0.66	1.34
24	22	6,075	3,281	0.54	1.23	5,950	3,213	0.54	1.30	5,800	3,132	0.54	1.39
26	16	4,950	4,851	0.98	1.14	4,800	4,704	0.98	1.21	4,650	4,557	0.98	1.28
26	18	5,300	4,558	0.86	1.17	5,150	4,429	0.86	1.23	4,975	4,279	0.86	1.32
26	20	5,700	4,218	0.74	1.20	5,575	4,126	0.74	1.26	5,425	4,015	0.74	1.34
26	22	6,075	3,767	0.62	1.23	5,950	3,689	0.62	1.30	5,800	3,596	0.62	1.39
27	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.21	4,650	4,650	1.00	1.28
27	18	5,300	4,770	0.90	1.17	5,150	4,635	0.90	1.23	4,975	4,478	0.90	1.32
27	20	5,700	4,446	0.78	1.20	5,575	4,349	0.78	1.26	5,425	4,232	0.78	1.34
27	22	6,075	4,010	0.66	1.23	5,950	3,927	0.66	1.30	5,800	3,828	0.66	1.39
28	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.21	4,650	4,650	1.00	1.28
28	18	5,300	4,982	0.94	1.17	5,150	4,841	0.94	1.23	4,975	4,677	0.94	1.32
28	20	5,700	4,674	0.82	1.20	5,575	4,572	0.82	1.26	5,425	4,449	0.82	1.34
28	22	6,075	4,253	0.70	1.23	5,950	4,165	0.70	1.30	5,800	4,060	0.70	1.39
30	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.21	4,650	4,650	1.00	1.28
30	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.23	4,975	4,975	1.00	1.32
30	20	5,700	5,130	0.90	1.20	5,575	5,018	0.90	1.26	5,425	4,883	0.90	1.34
30	22	6,075	4,739	0.78	1.23	5,950	4,641	0.78	1.30	5,800	4,524	0.78	1.39
32	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.21	4,650	4,650	1.00	1.28
32	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.23	4,975	4,975	1.00	1.32
32	20	5,700	5,586	0.98	1.20	5,575	5,464	0.98	1.26	5,425	5,317	0.98	1.34
32	22	6,075	5,225	0.86	1.23	5,950	5,117	0.86	1.30	5,800	4,988	0.86	1.39
34	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.21	4,650	4,650	1.00	1.28
34	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.23	4,975	4,975	1.00	1.32
34	20	5,700	5,700	1.00	1.20	5,575	5,575	1.00	1.26	5,425	5,425	1.00	1.34
34	22	6,075	5,711	0.94	1.23	5,950	5,593	0.94	1.30	5,800	5,452	0.94	1.39

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	4,450	3,293	0.74	1.37	4,250	3,145	0.74	1.47	4,050	2,997	0.74	1.59
20	18	4,800	2,976	0.62	1.41	4,650	2,883	0.62	1.52	4,350	2,697	0.62	1.63
20	20	5,200	2,600	0.50	1.44	5,000	2,500	0.50	1.54	4,700	2,350	0.50	1.66
22	16	4,450	3,649	0.82	1.37	4,250	3,485	0.82	1.47	4,050	3,321	0.82	1.59
22	18	4,800	3,360	0.70	1.41	4,650	3,255	0.70	1.52	4,350	3,045	0.70	1.63
22	20	5,200	3,016	0.58	1.44	5,000	2,900	0.58	1.54	4,700	2,726	0.58	1.66
24	16	4,450	4,005	0.90	1.37	4,250	3,825	0.90	1.47	4,050	3,645	0.90	1.59
24	18	4,800	3,744	0.78	1.41	4,650	3,627	0.78	1.52	4,350	3,393	0.78	1.63
24	20	5,200	3,432	0.66	1.44	5,000	3,300	0.66	1.54	4,700	3,102	0.66	1.66
24	22	5,600	3,024	0.54	1.47	5,400	2,916	0.54	1.59	5,100	2,754	0.54	1.69
26	16	4,450	4,361	0.98	1.37	4,250	4,165	0.98	1.47	4,050	3,969	0.98	1.59
26	18	4,800	4,128	0.86	1.41	4,650	3,999	0.86	1.52	4,350	3,741	0.86	1.63
26	20	5,200	3,848	0.74	1.44	5,000	3,700	0.74	1.54	4,700	3,478	0.74	1.66
26	22	5,600	3,472	0.62	1.47	5,400	3,348	0.62	1.59	5,100	3,162	0.62	1.69
27	16	4,450	4,450	1.00	1.37	4,250	4,250	1.00	1.47	4,050	4,050	1.00	1.59
27	18	4,800	4,320	0.90	1.41	4,650	4,185	0.90	1.52	4,350	3,915	0.90	1.63
27	20	5,200	4,056	0.78	1.44	5,000	3,900	0.78	1.54	4,700	3,666	0.78	1.66
27	22	5,600	3,696	0.66	1.47	5,400	3,564	0.66	1.59	5,100	3,366	0.66	1.69
28	16	4,450	4,450	1.00	1.37	4,250	4,250	1.00	1.47	4,050	4,050	1.00	1.59
28	18	4,800	4,512	0.94	1.41	4,650	4,371	0.94	1.52	4,350	4,089	0.94	1.63
28	20	5,200	4,264	0.82	1.44	5,000	4,100	0.82	1.54	4,700	3,854	0.82	1.66
28	22	5,600	3,920	0.70	1.47	5,400	3,780	0.70	1.59	5,100	3,570	0.70	1.69
30	16	4,450	4,450	1.00	1.37	4,250	4,250	1.00	1.47	4,050	4,050	1.00	1.59
30	18	4,800	4,800	1.00	1.41	4,650	4,650	1.00	1.52	4,350	4,350	1.00	1.63
30	20	5,200	4,680	0.90	1.44	5,000	4,500	0.90	1.54	4,700	4,230	0.90	1.66
30	22	5,600	4,368	0.78	1.47	5,400	4,212	0.78	1.59	5,100	3,978	0.78	1.69
32	16	4,450	4,450	1.00	1.37	4,250	4,250	1.00	1.47	4,050	4,050	1.00	1.59
32	18	4,800	4,800	1.00	1.41	4,650	4,650	1.00	1.52	4,350	4,350	1.00	1.63
32	20	5,200	5,096	0.98	1.44	5,000	4,900	0.98	1.54	4,700	4,606	0.98	1.66
32	22	5,600	4,816	0.86	1.47	5,400	4,644	0.86	1.59	5,100	4,386	0.86	1.69
34	16	4,450	4,450	1.00	1.37	4,250	4,250	1.00	1.47	4,050	4,050	1.00	1.59
34	18	4,800	4,800	1.00	1.41	4,650	4,650	1.00	1.52	4,350	4,350	1.00	1.63
34	20	5,200	5,200	1.00	1.44	5,000	5,000	1.00	1.54	4,700	4,700	1.00	1.66
34	22	5,600	5,264	0.94	1.47	5,400	5,076	0.94	1.59	5,100	4,794	0.94	1.69

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP60BA/ PUHZ-ZRP60VHA

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	6,039	4,046	0.67	1.42	5,856	3,924	0.67	1.50	5,673	3,801	0.67	1.59
20	18	6,466	3,556	0.55	1.45	6,283	3,456	0.55	1.53	6,070	3,338	0.55	1.64
20	20	6,954	2,990	0.43	1.50	6,802	2,925	0.43	1.57	6,619	2,846	0.43	1.67
22	16	6,039	4,529	0.75	1.42	5,856	4,392	0.75	1.50	5,673	4,255	0.75	1.59
22	18	6,466	4,074	0.63	1.45	6,283	3,958	0.63	1.53	6,070	3,824	0.63	1.64
22	20	6,954	3,547	0.51	1.50	6,802	3,469	0.51	1.57	6,619	3,375	0.51	1.67
24	16	6,039	5,012	0.83	1.42	5,856	4,860	0.83	1.50	5,673	4,709	0.83	1.59
24	18	6,466	4,591	0.71	1.45	6,283	4,461	0.71	1.53	6,070	4,309	0.71	1.64
24	20	6,954	4,103	0.59	1.50	6,802	4,013	0.59	1.57	6,619	3,905	0.59	1.67
24	22	7,412	3,483	0.47	1.53	7,259	3,412	0.47	1.62	7,076	3,326	0.47	1.73
26	16	6,039	5,495	0.91	1.42	5,856	5,329	0.91	1.50	5,673	5,162	0.91	1.59
26	18	6,466	5,108	0.79	1.45	6,283	4,964	0.79	1.53	6,070	4,795	0.79	1.64
26	20	6,954	4,659	0.67	1.50	6,802	4,557	0.67	1.57	6,619	4,434	0.67	1.67
26	22	7,412	4,076	0.55	1.53	7,259	3,992	0.55	1.62	7,076	3,892	0.55	1.73
27	16	6,039	5,737	0.95	1.42	5,856	5,563	0.95	1.50	5,673	5,389	0.95	1.59
27	18	6,466	5,367	0.83	1.45	6,283	5,215	0.83	1.53	6,070	5,038	0.83	1.64
27	20	6,954	4,937	0.71	1.50	6,802	4,829	0.71	1.57	6,619	4,699	0.71	1.67
27	22	7,412	4,373	0.59	1.53	7,259	4,283	0.59	1.62	7,076	4,175	0.59	1.73
28	16	6,039	5,979	0.99	1.42	5,856	5,797	0.99	1.50	5,673	5,616	0.99	1.59
28	18	6,466	5,625	0.87	1.45	6,283	5,466	0.87	1.53	6,070	5,280	0.87	1.64
28	20	6,954	5,216	0.75	1.50	6,802	5,101	0.75	1.57	6,619	4,964	0.75	1.67
28	22	7,412	4,669	0.63	1.53	7,259	4,573	0.63	1.62	7,076	4,458	0.63	1.73
30	16	6,039	6,039	1.00	1.42	5,856	5,856	1.00	1.50	5,673	5,673	1.00	1.59
30	18	6,466	6,143	0.95	1.45	6,283	5,969	0.95	1.53	6,070	5,766	0.95	1.64
30	20	6,954	5,772	0.83	1.50	6,802	5,645	0.83	1.57	6,619	5,493	0.83	1.67
30	22	7,412	5,262	0.71	1.53	7,259	5,154	0.71	1.62	7,076	5,024	0.71	1.73
32	16	6,039	6,039	1.00	1.42	5,856	5,856	1.00	1.50	5,673	5,673	1.00	1.59
32	18	6,466	6,466	1.00	1.45	6,283	6,283	1.00	1.53	6,070	6,070	1.00	1.64
32	20	6,954	6,328	0.91	1.50	6,802	6,189	0.91	1.57	6,619	6,023	0.91	1.67
32	22	7,412	5,855	0.79	1.53	7,259	5,735	0.79	1.62	7,076	5,590	0.79	1.73
34	16	6,039	6,039	1.00	1.42	5,856	5,856	1.00	1.50	5,673	5,673	1.00	1.59
34	18	6,466	6,466	1.00	1.45	6,283	6,283	1.00	1.53	6,070	6,070	1.00	1.64
34	20	6,954	6,884	0.99	1.50	6,802	6,733	0.99	1.57	6,619	6,552	0.99	1.67
34	22	7,412	6,448	0.87	1.53	7,259	6,315	0.87	1.62	7,076	6,156	0.87	1.73

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	5,429	3,637	0.67	1.71	5,185	3,474	0.67	1.83	4,941	3,310	0.67	1.98
20	18	5,856	3,221	0.55	1.75	5,673	3,120	0.55	1.89	5,307	2,919	0.55	2.03
20	20	6,344	2,728	0.43	1.80	6,100	2,623	0.43	1.92	5,734	2,466	0.43	2.06
22	16	5,429	4,072	0.75	1.71	5,185	3,889	0.75	1.83	4,941	3,706	0.75	1.98
22	18	5,856	3,689	0.63	1.75	5,673	3,574	0.63	1.89	5,307	3,343	0.63	2.03
22	20	6,344	3,235	0.51	1.80	6,100	3,111	0.51	1.92	5,734	2,924	0.51	2.06
24	16	5,429	4,506	0.83	1.71	5,185	4,304	0.83	1.83	4,941	4,101	0.83	1.98
24	18	5,856	4,158	0.71	1.75	5,673	4,028	0.71	1.89	5,307	3,768	0.71	2.03
24	20	6,344	3,743	0.59	1.80	6,100	3,599	0.59	1.92	5,734	3,383	0.59	2.06
24	22	6,832	3,211	0.47	1.83	6,588	3,096	0.47	1.98	6,222	2,924	0.47	2.10
26	16	5,429	4,940	0.91	1.71	5,185	4,718	0.91	1.83	4,941	4,496	0.91	1.98
26	18	5,856	4,626	0.79	1.75	5,673	4,482	0.79	1.89	5,307	4,193	0.79	2.03
26	20	6,344	4,250	0.67	1.80	6,100	4,087	0.67	1.92	5,734	3,842	0.67	2.06
26	22	6,832	3,758	0.55	1.83	6,588	3,623	0.55	1.98	6,222	3,422	0.55	2.10
27	16	5,429	5,158	0.95	1.71	5,185	4,926	0.95	1.83	4,941	4,694	0.95	1.98
27	18	5,856	4,860	0.83	1.75	5,673	4,709	0.83	1.89	5,307	4,405	0.83	2.03
27	20	6,344	4,504	0.71	1.80	6,100	4,331	0.71	1.92	5,734	4,071	0.71	2.06
27	22	6,832	4,031	0.59	1.83	6,588	3,887	0.59	1.98	6,222	3,671	0.59	2.10
28	16	5,429	5,375	0.99	1.71	5,185	5,133	0.99	1.83	4,941	4,892	0.99	1.98
28	18	5,856	5,095	0.87	1.75	5,673	4,936	0.87	1.89	5,307	4,617	0.87	2.03
28	20	6,344	4,758	0.75	1.80	6,100	4,575	0.75	1.92	5,734	4,301	0.75	2.06
28	22	6,832	4,304	0.63	1.83	6,588	4,150	0.63	1.98	6,222	3,920	0.63	2.10
30	16	5,429	5,429	1.00	1.71	5,185	5,185	1.00	1.83	4,941	4,941	1.00	1.98
30	18	5,856	5,563	0.95	1.75	5,673	5,389	0.95	1.89	5,307	5,042	0.95	2.03
30	20	6,344	5,266	0.83	1.80	6,100	5,063	0.83	1.92	5,734	4,759	0.83	2.06
30	22	6,832	4,851	0.71	1.83	6,588	4,677	0.71	1.98	6,222	4,418	0.71	2.10
32	16	5,429	5,429	1.00	1.71	5,185	5,185	1.00	1.83	4,941	4,941	1.00	1.98
32	18	5,856	5,856	1.00	1.75	5,673	5,673	1.00	1.89	5,307	5,307	1.00	2.03
32	20	6,344	5,773	0.91	1.80	6,100	5,551	0.91	1.92	5,734	5,218	0.91	2.06
32	22	6,832	5,397	0.79	1.83	6,588	5,205	0.79	1.98	6,222	4,915	0.79	2.10
34	16	5,429	5,429	1.00	1.71	5,185	5,185	1.00	1.83	4,941	4,941	1.00	1.98
34	18	5,856	5,856	1.00	1.75	5,673	5,673	1.00	1.89	5,307	5,307	1.00	2.03
34	20	6,344	6,281	0.99	1.80	6,100	6,039	0.99	1.92	5,734	5,677	0.99	2.06
34	22	6,832	5,944	0.87	1.83	6,588	5,732	0.87	1.98	6,222	5,413	0.87	2.10

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP71BA / PUHZ-ZRP71VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,272	0.75	1.42	6,816	5,112	0.75	1.50	6,603	4,952	0.75	1.58
20	18	7,526	4,741	0.63	1.44	7,313	4,607	0.63	1.52	7,065	4,451	0.63	1.63
20	20	8,094	4,128	0.51	1.49	7,917	4,037	0.51	1.56	7,704	3,929	0.51	1.66
22	16	7,029	5,834	0.83	1.42	6,816	5,657	0.83	1.50	6,603	5,480	0.83	1.58
22	18	7,526	5,343	0.71	1.44	7,313	5,192	0.71	1.52	7,065	5,016	0.71	1.63
22	20	8,094	4,775	0.59	1.49	7,917	4,671	0.59	1.56	7,704	4,545	0.59	1.66
24	16	7,029	6,396	0.91	1.42	6,816	6,203	0.91	1.50	6,603	6,009	0.91	1.58
24	18	7,526	5,946	0.79	1.44	7,313	5,777	0.79	1.52	7,065	5,581	0.79	1.63
24	20	8,094	5,423	0.67	1.49	7,917	5,304	0.67	1.56	7,704	5,161	0.67	1.66
24	22	8,627	4,745	0.55	1.52	8,449	4,647	0.55	1.61	8,236	4,530	0.55	1.72
26	16	7,029	6,959	0.99	1.42	6,816	6,748	0.99	1.50	6,603	6,537	0.99	1.58
26	18	7,526	6,548	0.87	1.44	7,313	6,362	0.87	1.52	7,065	6,146	0.87	1.63
26	20	8,094	6,071	0.75	1.49	7,917	5,937	0.75	1.56	7,704	5,778	0.75	1.66
26	22	8,627	5,435	0.63	1.52	8,449	5,323	0.63	1.61	8,236	5,189	0.63	1.72
27	16	7,029	7,029	1.00	1.42	6,816	6,816	1.00	1.50	6,603	6,603	1.00	1.58
27	18	7,526	6,849	0.91	1.44	7,313	6,655	0.91	1.52	7,065	6,429	0.91	1.63
27	20	8,094	6,394	0.79	1.49	7,917	6,254	0.79	1.56	7,704	6,086	0.79	1.66
27	22	8,627	5,780	0.67	1.52	8,449	5,661	0.67	1.61	8,236	5,518	0.67	1.72
28	16	7,029	7,029	1.00	1.42	6,816	6,816	1.00	1.50	6,603	6,603	1.00	1.58
28	18	7,526	7,150	0.95	1.44	7,313	6,947	0.95	1.52	7,065	6,711	0.95	1.63
28	20	8,094	6,718	0.83	1.49	7,917	6,571	0.83	1.56	7,704	6,394	0.83	1.66
28	22	8,627	6,125	0.71	1.52	8,449	5,999	0.71	1.61	8,236	5,848	0.71	1.72
30	16	7,029	7,029	1.00	1.42	6,816	6,816	1.00	1.50	6,603	6,603	1.00	1.58
30	18	7,526	7,526	1.00	1.44	7,313	7,313	1.00	1.52	7,065	7,065	1.00	1.63
30	20	8,094	7,366	0.91	1.49	7,917	7,204	0.91	1.56	7,704	7,010	0.91	1.66
30	22	8,627	6,815	0.79	1.52	8,449	6,675	0.79	1.61	8,236	6,506	0.79	1.72
32	16	7,029	7,029	1.00	1.42	6,816	6,816	1.00	1.50	6,603	6,603	1.00	1.58
32	18	7,526	7,526	1.00	1.44	7,313	7,313	1.00	1.52	7,065	7,065	1.00	1.63
32	20	8,094	8,013	0.99	1.49	7,917	7,837	0.99	1.56	7,704	7,626	0.99	1.66
32	22	8,627	7,505	0.87	1.52	8,449	7,351	0.87	1.61	8,236	7,165	0.87	1.72
34	16	7,029	7,029	1.00	1.42	6,816	6,816	1.00	1.50	6,603	6,603	1.00	1.58
34	18	7,526	7,526	1.00	1.44	7,313	7,313	1.00	1.52	7,065	7,065	1.00	1.63
34	20	8,094	8,094	1.00	1.49	7,917	7,917	1.00	1.56	7,704	7,704	1.00	1.66
34	22	8,627	8,195	0.95	1.52	8,449	8,027	0.95	1.61	8,236	7,824	0.95	1.72

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,739	0.75	1.70	6,035	4,526	0.75	1.82	5,751	4,313	0.75	1.97
20	18	6,816	4,294	0.63	1.74	6,603	4,160	0.63	1.88	6,177	3,892	0.63	2.02
20	20	7,384	3,766	0.51	1.79	7,100	3,621	0.51	1.91	6,674	3,404	0.51	2.05
22	16	6,319	5,245	0.83	1.70	6,035	5,009	0.83	1.82	5,751	4,773	0.83	1.97
22	18	6,816	4,839	0.71	1.74	6,603	4,688	0.71	1.88	6,177	4,386	0.71	2.02
22	20	7,384	4,357	0.59	1.79	7,100	4,189	0.59	1.91	6,674	3,938	0.59	2.05
24	16	6,319	5,750	0.91	1.70	6,035	5,492	0.91	1.82	5,751	5,233	0.91	1.97
24	18	6,816	5,385	0.79	1.74	6,603	5,216	0.79	1.88	6,177	4,880	0.79	2.02
24	20	7,384	4,947	0.67	1.79	7,100	4,757	0.67	1.91	6,674	4,472	0.67	2.05
24	22	7,952	4,374	0.55	1.82	7,668	4,217	0.55	1.96	7,242	3,983	0.55	2.09
26	16	6,319	6,256	0.99	1.70	6,035	5,975	0.99	1.82	5,751	5,693	0.99	1.97
26	18	6,816	5,930	0.87	1.74	6,603	5,745	0.87	1.88	6,177	5,374	0.87	2.02
26	20	7,384	5,538	0.75	1.79	7,100	5,325	0.75	1.91	6,674	5,006	0.75	2.05
26	22	7,952	5,010	0.63	1.82	7,668	4,831	0.63	1.96	7,242	4,562	0.63	2.09
27	16	6,319	6,319	1.00	1.70	6,035	6,035	1.00	1.82	5,751	5,751	1.00	1.97
27	18	6,816	6,203	0.91	1.74	6,603	6,009	0.91	1.88	6,177	5,621	0.91	2.02
27	20	7,384	5,833	0.79	1.79	7,100	5,609	0.79	1.91	6,674	5,272	0.79	2.05
27	22	7,952	5,328	0.67	1.82	7,668	5,138	0.67	1.96	7,242	4,852	0.67	2.09
28	16	6,319	6,319	1.00	1.70	6,035	6,035	1.00	1.82	5,751	5,751	1.00	1.97
28	18	6,816	6,475	0.95	1.74	6,603	6,273	0.95	1.88	6,177	5,868	0.95	2.02
28	20	7,384	6,129	0.83	1.79	7,100	5,893	0.83	1.91	6,674	5,539	0.83	2.05
28	22	7,952	5,646	0.71	1.82	7,668	5,444	0.71	1.96	7,242	5,142	0.71	2.09
30	16	6,319	6,319	1.00	1.70	6,035	6,035	1.00	1.82	5,751	5,751	1.00	1.97
30	18	6,816	6,816	1.00	1.74	6,603	6,603	1.00	1.88	6,177	6,177	1.00	2.02
30	20	7,384	6,719	0.91	1.79	7,100	6,461	0.91	1.91	6,674	6,073	0.91	2.05
30	22	7,952	6,282	0.79	1.82	7,668	6,058	0.79	1.96	7,242	5,721	0.79	2.09
32	16	6,319	6,319	1.00	1.70	6,035	6,035	1.00	1.82	5,751	5,751	1.00	1.97
32	18	6,816	6,816	1.00	1.74	6,603	6,603	1.00	1.88	6,177	6,177	1.00	2.02
32	20	7,384	7,310	0.99	1.79	7,100	7,029	0.99	1.91	6,674	6,607	0.99	2.05
32	22	7,952	6,918	0.87	1.82	7,668	6,671	0.87	1.96	7,242	6,301	0.87	2.09
34	16	6,319	6,319	1.00	1.70	6,035	6,035	1.00	1.82	5,751	5,751	1.00	1.97
34	18	6,816	6,816	1.00	1.74	6,603	6,603	1.00	1.88	6,177	6,177	1.00	2.02
34	20	7,384	7,384	1.00	1.79	7,100	7,100	1.00	1.91	6,674	6,674	1.00	2.05
34	22	7,952	7,554	0.95	1.82	7,668	7,285	0.95	1.96	7,242	6,880	0.95	2.09

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP100BA / PUHZ-ZRP100VKA2,PUHZ-ZRP100YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,019	0.64	1.73	9,120	5,837	0.64	1.83	8,835	5,654	0.64	1.93
20	18	10,070	5,236	0.52	1.76	9,785	5,088	0.52	1.86	9,453	4,915	0.52	1.99
20	20	10,830	4,332	0.40	1.81	10,593	4,237	0.40	1.90	10,308	4,123	0.40	2.03
22	16	9,405	6,772	0.72	1.73	9,120	6,566	0.72	1.83	8,835	6,361	0.72	1.93
22	18	10,070	6,042	0.60	1.76	9,785	5,871	0.60	1.86	9,453	5,672	0.60	1.99
22	20	10,830	5,198	0.48	1.81	10,593	5,084	0.48	1.90	10,308	4,948	0.48	2.03
24	16	9,405	7,524	0.80	1.73	9,120	7,296	0.80	1.83	8,835	7,068	0.80	1.93
24	18	10,070	6,848	0.68	1.76	9,785	6,654	0.68	1.86	9,453	6,428	0.68	1.99
24	20	10,830	6,065	0.56	1.81	10,593	5,932	0.56	1.90	10,308	5,772	0.56	2.03
24	22	11,543	5,079	0.44	1.86	11,305	4,974	0.44	1.97	11,020	4,849	0.44	2.10
26	16	9,405	8,276	0.88	1.73	9,120	8,026	0.88	1.83	8,835	7,775	0.88	1.93
26	18	10,070	7,653	0.76	1.76	9,785	7,437	0.76	1.86	9,453	7,184	0.76	1.99
26	20	10,830	6,931	0.64	1.81	10,593	6,779	0.64	1.90	10,308	6,597	0.64	2.03
26	22	11,543	6,002	0.52	1.86	11,305	5,879	0.52	1.97	11,020	5,730	0.52	2.10
27	16	9,405	8,653	0.92	1.73	9,120	8,390	0.92	1.83	8,835	8,128	0.92	1.93
27	18	10,070	8,056	0.80	1.76	9,785	7,828	0.80	1.86	9,453	7,562	0.80	1.99
27	20	10,830	7,364	0.68	1.81	10,593	7,203	0.68	1.90	10,308	7,009	0.68	2.03
27	22	11,543	6,464	0.56	1.86	11,305	6,331	0.56	1.97	11,020	6,171	0.56	2.10
28	16	9,405	9,029	0.96	1.73	9,120	8,755	0.96	1.83	8,835	8,482	0.96	1.93
28	18	10,070	8,459	0.84	1.76	9,785	8,219	0.84	1.86	9,453	7,940	0.84	1.99
28	20	10,830	7,798	0.72	1.81	10,593	7,627	0.72	1.90	10,308	7,421	0.72	2.03
28	22	11,543	6,926	0.60	1.86	11,305	6,783	0.60	1.97	11,020	6,612	0.60	2.10
30	16	9,405	9,405	1.00	1.73	9,120	9,120	1.00	1.83	8,835	8,835	1.00	1.93
30	18	10,070	9,264	0.92	1.76	9,785	9,002	0.92	1.86	9,453	8,696	0.92	1.99
30	20	10,830	8,664	0.80	1.81	10,593	8,474	0.80	1.90	10,308	8,246	0.80	2.03
30	22	11,543	7,849	0.68	1.86	11,305	7,687	0.68	1.97	11,020	7,494	0.68	2.10
32	16	9,405	9,405	1.00	1.73	9,120	9,120	1.00	1.83	8,835	8,835	1.00	1.93
32	18	10,070	10,070	1.00	1.76	9,785	9,785	1.00	1.86	9,453	9,453	1.00	1.99
32	20	10,830	9,530	0.88	1.81	10,593	9,321	0.88	1.90	10,308	9,071	0.88	2.03
32	22	11,543	8,772	0.76	1.86	11,305	8,592	0.76	1.97	11,020	8,375	0.76	2.10
34	16	9,405	9,405	1.00	1.73	9,120	9,120	1.00	1.83	8,835	8,835	1.00	1.93
34	18	10,070	10,070	1.00	1.76	9,785	9,785	1.00	1.86	9,453	9,453	1.00	1.99
34	20	10,830	10,397	0.96	1.81	10,593	10,169	0.96	1.90	10,308	9,895	0.96	2.03
34	22	11,543	9,696	0.84	1.86	11,305	9,496	0.84	1.97	11,020	9,257	0.84	2.10

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,411	0.64	2.07	8,075	5,168	0.64	2.22	7,695	4,925	0.64	2.41
20	18	9,120	4,742	0.52	2.13	8,835	4,594	0.52	2.29	8,265	4,298	0.52	2.46
20	20	9,880	3,952	0.40	2.18	9,500	3,800	0.40	2.33	8,930	3,572	0.40	2.51
22	16	8,455	6,088	0.72	2.07	8,075	5,814	0.72	2.22	7,695	5,540	0.72	2.41
22	18	9,120	5,472	0.60	2.13	8,835	5,301	0.60	2.29	8,265	4,959	0.60	2.46
22	20	9,880	4,742	0.48	2.18	9,500	4,560	0.48	2.33	8,930	4,286	0.48	2.51
24	16	8,455	6,764	0.80	2.07	8,075	6,460	0.80	2.22	7,695	6,156	0.80	2.41
24	18	9,120	6,202	0.68	2.13	8,835	6,008	0.68	2.29	8,265	5,620	0.68	2.46
24	20	9,880	5,533	0.56	2.18	9,500	5,320	0.56	2.33	8,930	5,001	0.56	2.51
24	22	10,640	4,682	0.44	2.22	10,260	4,514	0.44	2.40	9,690	4,264	0.44	2.55
26	16	8,455	7,440	0.88	2.07	8,075	7,106	0.88	2.22	7,695	6,772	0.88	2.41
26	18	9,120	6,931	0.76	2.13	8,835	6,715	0.76	2.29	8,265	6,281	0.76	2.46
26	20	9,880	6,323	0.64	2.18	9,500	6,080	0.64	2.33	8,930	5,715	0.64	2.51
26	22	10,640	5,533	0.52	2.22	10,260	5,335	0.52	2.40	9,690	5,039	0.52	2.55
27	16	8,455	7,779	0.92	2.07	8,075	7,429	0.92	2.22	7,695	7,079	0.92	2.41
27	18	9,120	7,296	0.80	2.13	8,835	7,068	0.80	2.29	8,265	6,612	0.80	2.46
27	20	9,880	6,718	0.68	2.18	9,500	6,460	0.68	2.33	8,930	6,072	0.68	2.51
27	22	10,640	5,958	0.56	2.22	10,260	5,746	0.56	2.40	9,690	5,426	0.56	2.55
28	16	8,455	8,117	0.96	2.07	8,075	7,752	0.96	2.22	7,695	7,387	0.96	2.41
28	18	9,120	7,661	0.84	2.13	8,835	7,421	0.84	2.29	8,265	6,943	0.84	2.46
28	20	9,880	7,114	0.72	2.18	9,500	6,840	0.72	2.33	8,930	6,430	0.72	2.51
28	22	10,640	6,384	0.60	2.22	10,260	6,156	0.60	2.40	9,690	5,814	0.60	2.55
30	16	8,455	8,455	1.00	2.07	8,075	8,075	1.00	2.22	7,695	7,695	1.00	2.41
30	18	9,120	8,390	0.92	2.13	8,835	8,128	0.92	2.29	8,265	7,604	0.92	2.46
30	20	9,880	7,904	0.80	2.18	9,500	7,600	0.80	2.33	8,930	7,144	0.80	2.51
30	22	10,640	7,235	0.68	2.22	10,260	6,977	0.68	2.40	9,690	6,589	0.68	2.55
32	16	8,455	8,455	1.00	2.07	8,075	8,075	1.00	2.22	7,695	7,695	1.00	2.41
32	18	9,120	9,120	1.00	2.13	8,835	8,835	1.00	2.29	8,265	8,265	1.00	2.46
32	20	9,880	8,694	0.88	2.18	9,500	8,360	0.88	2.33	8,930	7,858	0.88	2.51
32	22	10,640	8,086	0.76	2.22	10,260	7,798	0.76	2.40	9,690	7,364	0.76	2.55
34	16	8,455	8,455	1.00	2.07	8,075	8,075	1.00	2.22	7,695	7,695	1.00	2.41
34	18	9,120	9,120	1.00	2.13	8,835	8,835	1.00	2.29	8,265	8,265	1.00	2.46
34	20	9,880	9,485	0.96	2.18	9,500	9,120	0.96	2.33	8,930	8,573	0.96	2.51
34	22	10,640	8,938	0.84	2.22	10,260	8,618	0.84	2.40	9,690	8,140	0.84	2.55

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP125BA / PUHZ-ZRP125VKA2,PUHZ-ZRP125YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	7,920	0.64	3.10	12,000	7,680	0.64	3.27	11,625	7,440	0.64	3.46
20	18	13,250	6,890	0.52	3.15	12,875	6,695	0.52	3.33	12,438	6,468	0.52	3.56
20	20	14,250	5,700	0.40	3.25	13,938	5,575	0.40	3.41	13,563	5,425	0.40	3.64
22	16	12,375	8,910	0.72	3.10	12,000	8,640	0.72	3.27	11,625	8,370	0.72	3.46
22	18	13,250	7,950	0.60	3.15	12,875	7,725	0.60	3.33	12,438	7,463	0.60	3.56
22	20	14,250	6,840	0.48	3.25	13,938	6,690	0.48	3.41	13,563	6,510	0.48	3.64
24	16	12,375	9,900	0.80	3.10	12,000	9,600	0.80	3.27	11,625	9,300	0.80	3.46
24	18	13,250	9,010	0.68	3.15	12,875	8,755	0.68	3.33	12,438	8,458	0.68	3.56
24	20	14,250	7,980	0.56	3.25	13,938	7,805	0.56	3.41	13,563	7,595	0.56	3.64
24	22	15,188	6,683	0.44	3.33	14,875	6,545	0.44	3.52	14,500	6,380	0.44	3.75
26	16	12,375	10,890	0.88	3.10	12,000	10,560	0.88	3.27	11,625	10,230	0.88	3.46
26	18	13,250	10,070	0.76	3.15	12,875	9,785	0.76	3.33	12,438	9,453	0.76	3.56
26	20	14,250	9,120	0.64	3.25	13,938	8,920	0.64	3.41	13,563	8,680	0.64	3.64
26	22	15,188	7,898	0.52	3.33	14,875	7,735	0.52	3.52	14,500	7,540	0.52	3.75
27	16	12,375	11,385	0.92	3.10	12,000	11,040	0.92	3.27	11,625	10,695	0.92	3.46
27	18	13,250	10,600	0.80	3.15	12,875	10,300	0.80	3.33	12,438	9,950	0.80	3.56
27	20	14,250	9,690	0.68	3.25	13,938	9,478	0.68	3.41	13,563	9,223	0.68	3.64
27	22	15,188	8,505	0.56	3.33	14,875	8,330	0.56	3.52	14,500	8,120	0.56	3.75
28	16	12,375	11,880	0.96	3.10	12,000	11,520	0.96	3.27	11,625	11,160	0.96	3.46
28	18	13,250	11,130	0.84	3.15	12,875	10,815	0.84	3.33	12,438	10,448	0.84	3.56
28	20	14,250	10,260	0.72	3.25	13,938	10,035	0.72	3.41	13,563	9,765	0.72	3.64
28	22	15,188	9,113	0.60	3.33	14,875	8,925	0.60	3.52	14,500	8,700	0.60	3.75
30	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.46
30	18	13,250	12,190	0.92	3.15	12,875	11,845	0.92	3.33	12,438	11,443	0.92	3.56
30	20	14,250	11,400	0.80	3.25	13,938	11,150	0.80	3.41	13,563	10,850	0.80	3.64
30	22	15,188	10,328	0.68	3.33	14,875	10,115	0.68	3.52	14,500	9,860	0.68	3.75
32	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.46
32	18	13,250	13,250	1.00	3.15	12,875	12,875	1.00	3.33	12,438	12,438	1.00	3.56
32	20	14,250	12,540	0.88	3.25	13,938	12,265	0.88	3.41	13,563	11,935	0.88	3.64
32	22	15,188	11,543	0.76	3.33	14,875	11,305	0.76	3.52	14,500	11,020	0.76	3.75
34	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.46
34	18	13,250	13,250	1.00	3.15	12,875	12,875	1.00	3.33	12,438	12,438	1.00	3.56
34	20	14,250	13,680	0.96	3.25	13,938	13,380	0.96	3.41	13,563	13,020	0.96	3.64
34	22	15,188	12,758	0.84	3.33	14,875	12,495	0.84	3.52	14,500	12,180	0.84	3.75

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	7,120	0.64	3.72	10,625	6,800	0.64	3.99	10,125	6,480	0.64	4.32
20	18	12,000	6,240	0.52	3.81	11,625	6,045	0.52	4.10	10,875	5,655	0.52	4.41
20	20	13,000	5,200	0.40	3.91	12,500	5,000	0.40	4.18	11,750	4,700	0.40	4.49
22	16	11,125	8,010	0.72	3.72	10,625	7,650	0.72	3.99	10,125	7,290	0.72	4.32
22	18	12,000	7,200	0.60	3.81	11,625	6,975	0.60	4.10	10,875	6,525	0.60	4.41
22	20	13,000	6,240	0.48	3.91	12,500	6,000	0.48	4.18	11,750	5,640	0.48	4.49
24	16	11,125	8,900	0.80	3.72	10,625	8,500	0.80	3.99	10,125	8,100	0.80	4.32
24	18	12,000	8,160	0.68	3.81	11,625	7,905	0.68	4.10	10,875	7,395	0.68	4.41
24	20	13,000	7,280	0.56	3.91	12,500	7,000	0.56	4.18	11,750	6,580	0.56	4.49
24	22	14,000	6,160	0.44	3.99	13,500	5,940	0.44	4.30	12,750	5,610	0.44	4.57
26	16	11,125	9,790	0.88	3.72	10,625	9,350	0.88	3.99	10,125	8,910	0.88	4.32
26	18	12,000	9,120	0.76	3.81	11,625	8,835	0.76	4.10	10,875	8,265	0.76	4.41
26	20	13,000	8,320	0.64	3.91	12,500	8,000	0.64	4.18	11,750	7,520	0.64	4.49
26	22	14,000	7,280	0.52	3.99	13,500	7,020	0.52	4.30	12,750	6,630	0.52	4.57
27	16	11,125	10,235	0.92	3.72	10,625	9,775	0.92	3.99	10,125	9,315	0.92	4.32
27	18	12,000	9,600	0.80	3.81	11,625	9,300	0.80	4.10	10,875	8,700	0.80	4.41
27	20	13,000	8,840	0.68	3.91	12,500	8,500	0.68	4.18	11,750	7,990	0.68	4.49
27	22	14,000	7,840	0.56	3.99	13,500	7,560	0.56	4.30	12,750	7,140	0.56	4.57
28	16	11,125	10,680	0.96	3.72	10,625	10,200	0.96	3.99	10,125	9,720	0.96	4.32
28	18	12,000	10,080	0.84	3.81	11,625	9,765	0.84	4.10	10,875	9,135	0.84	4.41
28	20	13,000	9,360	0.72	3.91	12,500	9,000	0.72	4.18	11,750	8,460	0.72	4.49
28	22	14,000	8,400	0.60	3.99	13,500	8,100	0.60	4.30	12,750	7,650	0.60	4.57
30	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
30	18	12,000	11,040	0.92	3.81	11,625	10,695	0.92	4.10	10,875	10,005	0.92	4.41
30	20	13,000	10,400	0.80	3.91	12,500	10,000	0.80	4.18	11,750	9,400	0.80	4.49
30	22	14,000	9,520	0.68	3.99	13,500	9,180	0.68	4.30	12,750	8,670	0.68	4.57
32	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
32	18	12,000	12,000	1.00	3.81	11,625	11,625	1.00	4.10	10,875	10,875	1.00	4.41
32	20	13,000	11,440	0.88	3.91	12,500	11,000	0.88	4.18	11,750	10,340	0.88	4.49
32	22	14,000	10,640	0.76	3.99	13,500	10,260	0.76	4.30	12,750	9,690	0.76	4.57
34	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
34	18	12,000	12,000	1.00	3.81	11,625	11,625	1.00	4.10	10,875	10,875	1.00	4.41
34	20	13,000	12,480	0.96	3.91	12,500	12,000	0.96	4.18	11,750	11,280	0.96	4.49
34	22	14,000	11,760	0.84	3.99	13,500	11,340	0.84	4.30	12,750	10,710	0.84	4.57

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP140BA / PUHZ-ZRP140VKA2,PUHZ-ZRP140YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	8,225	0.62	3.50	12,864	7,976	0.62	3.69	12,462	7,726	0.62	3.91
20	18	14,204	7,102	0.50	3.56	13,802	6,901	0.50	3.76	13,333	6,667	0.50	4.02
20	20	15,276	5,805	0.38	3.67	14,941	5,678	0.38	3.85	14,539	5,525	0.38	4.11
22	16	13,266	9,286	0.70	3.50	12,864	9,005	0.70	3.69	12,462	8,723	0.70	3.91
22	18	14,204	8,238	0.58	3.56	13,802	8,005	0.58	3.76	13,333	7,733	0.58	4.02
22	20	15,276	7,027	0.46	3.67	14,941	6,873	0.46	3.85	14,539	6,688	0.46	4.11
24	16	13,266	10,347	0.78	3.50	12,864	10,034	0.78	3.69	12,462	9,720	0.78	3.91
24	18	14,204	9,375	0.66	3.56	13,802	9,109	0.66	3.76	13,333	8,800	0.66	4.02
24	20	15,276	8,249	0.54	3.67	14,941	8,068	0.54	3.85	14,539	7,851	0.54	4.11
24	22	16,281	6,838	0.42	3.76	15,946	6,697	0.42	3.98	15,544	6,528	0.42	4.24
26	16	13,266	11,409	0.86	3.50	12,864	11,063	0.86	3.69	12,462	10,717	0.86	3.91
26	18	14,204	10,511	0.74	3.56	13,802	10,213	0.74	3.76	13,333	9,866	0.74	4.02
26	20	15,276	9,471	0.62	3.67	14,941	9,263	0.62	3.85	14,539	9,014	0.62	4.11
26	22	16,281	8,141	0.50	3.76	15,946	7,973	0.50	3.98	15,544	7,772	0.50	4.24
27	16	13,266	11,939	0.90	3.50	12,864	11,578	0.90	3.69	12,462	11,216	0.90	3.91
27	18	14,204	11,079	0.78	3.56	13,802	10,766	0.78	3.76	13,333	10,400	0.78	4.02
27	20	15,276	10,082	0.66	3.67	14,941	9,861	0.66	3.85	14,539	9,596	0.66	4.11
27	22	16,281	8,792	0.54	3.76	15,946	8,611	0.54	3.98	15,544	8,394	0.54	4.24
28	16	13,266	12,470	0.94	3.50	12,864	12,092	0.94	3.69	12,462	11,714	0.94	3.91
28	18	14,204	11,647	0.82	3.56	13,802	11,318	0.82	3.76	13,333	10,933	0.82	4.02
28	20	15,276	10,693	0.70	3.67	14,941	10,459	0.70	3.85	14,539	10,177	0.70	4.11
28	22	16,281	9,443	0.58	3.76	15,946	9,249	0.58	3.98	15,544	9,016	0.58	4.24
30	16	13,266	13,266	1.00	3.50	12,864	12,864	1.00	3.69	12,462	12,462	1.00	3.91
30	18	14,204	12,784	0.90	3.56	13,802	12,422	0.90	3.76	13,333	12,000	0.90	4.02
30	20	15,276	11,915	0.78	3.67	14,941	11,654	0.78	3.85	14,539	11,340	0.78	4.11
30	22	16,281	10,745	0.66	3.76	15,946	10,524	0.66	3.98	15,544	10,259	0.66	4.24
32	16	13,266	13,266	1.00	3.50	12,864	12,864	1.00	3.69	12,462	12,462	1.00	3.91
32	18	14,204	13,920	0.98	3.56	13,802	13,526	0.98	3.76	13,333	13,066	0.98	4.02
32	20	15,276	13,137	0.86	3.67	14,941	12,849	0.86	3.85	14,539	12,504	0.86	4.11
32	22	16,281	12,048	0.74	3.76	15,946	11,800	0.74	3.98	15,544	11,503	0.74	4.24
34	16	13,266	13,266	1.00	3.50	12,864	12,864	1.00	3.69	12,462	12,462	1.00	3.91
34	18	14,204	14,204	1.00	3.56	13,802	13,802	1.00	3.76	13,333	13,333	1.00	4.02
34	20	15,276	14,359	0.94	3.67	14,941	14,045	0.94	3.85	14,539	13,667	0.94	4.11
34	22	16,281	13,350	0.82	3.76	15,946	13,076	0.82	3.98	15,544	12,746	0.82	4.24

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	7,394	0.62	4.20	11,390	7,062	0.62	4.50	10,854	6,729	0.62	4.87
20	18	12,864	6,432	0.50	4.30	12,462	6,231	0.50	4.63	11,658	5,829	0.50	4.98
20	20	13,936	5,296	0.38	4.41	13,400	5,092	0.38	4.72	12,596	4,786	0.38	5.07
22	16	11,926	8,348	0.70	4.20	11,390	7,973	0.70	4.50	10,854	7,598	0.70	4.87
22	18	12,864	7,461	0.58	4.30	12,462	7,228	0.58	4.63	11,658	6,762	0.58	4.98
22	20	13,936	6,411	0.46	4.41	13,400	6,164	0.46	4.72	12,596	5,794	0.46	5.07
24	16	11,926	9,302	0.78	4.20	11,390	8,884	0.78	4.50	10,854	8,466	0.78	4.87
24	18	12,864	8,490	0.66	4.30	12,462	8,225	0.66	4.63	11,658	7,694	0.66	4.98
24	20	13,936	7,525	0.54	4.41	13,400	7,236	0.54	4.72	12,596	6,802	0.54	5.07
24	22	15,008	6,303	0.42	4.50	14,472	6,078	0.42	4.85	13,668	5,741	0.42	5.16
26	16	11,926	10,256	0.86	4.20	11,390	9,795	0.86	4.50	10,854	9,334	0.86	4.87
26	18	12,864	9,519	0.74	4.30	12,462	9,222	0.74	4.63	11,658	8,627	0.74	4.98
26	20	13,936	8,640	0.62	4.41	13,400	8,308	0.62	4.72	12,596	7,810	0.62	5.07
26	22	15,008	7,504	0.50	4.50	14,472	7,236	0.50	4.85	13,668	6,834	0.50	5.16
27	16	11,926	10,733	0.90	4.20	11,390	10,251	0.90	4.50	10,854	9,769	0.90	4.87
27	18	12,864	10,034	0.78	4.30	12,462	9,720	0.78	4.63	11,658	9,093	0.78	4.98
27	20	13,936	9,198	0.66	4.41	13,400	8,844	0.66	4.72	12,596	8,313	0.66	5.07
27	22	15,008	8,104	0.54	4.50	14,472	7,815	0.54	4.85	13,668	7,381	0.54	5.16
28	16	11,926	11,210	0.94	4.20	11,390	10,707	0.94	4.50	10,854	10,203	0.94	4.87
28	18	12,864	10,548	0.82	4.30	12,462	10,219	0.82	4.63	11,658	9,560	0.82	4.98
28	20	13,936	9,755	0.70	4.41	13,400	9,380	0.70	4.72	12,596	8,817	0.70	5.07
28	22	15,008	8,705	0.58	4.50	14,472	8,394	0.58	4.85	13,668	7,927	0.58	5.16
30	16	11,926	11,926	1.00	4.20	11,390	11,390	1.00	4.50	10,854	10,854	1.00	4.87
30	18	12,864	11,578	0.90	4.30	12,462	11,216	0.90	4.63	11,658	10,492	0.90	4.98
30	20	13,936	10,870	0.78	4.41	13,400	10,452	0.78	4.72	12,596	9,825	0.78	5.07
30	22	15,008	9,905	0.66	4.50	14,472	9,552	0.66	4.85	13,668	9,021	0.66	5.16
32	16	11,926	11,926	1.00	4.20	11,390	11,390	1.00	4.50	10,854	10,854	1.00	4.87
32	18	12,864	12,607	0.98	4.30	12,462	12,213	0.98	4.63	11,658	11,425	0.98	4.98
32	20	13,936	11,985	0.86	4.41	13,400	11,524	0.86	4.72	12,596	10,833	0.86	5.07
32	22	15,008	11,106	0.74	4.50	14,472	10,709	0.74	4.85	13,668	10,114	0.74	5.16
34	16	11,926	11,926	1.00	4.20	11,390	11,390	1.00	4.50	10,854	10,854	1.00	4.87
34	18	12,864	12,864	1.00	4.30	12,462	12,462	1.00	4.63	11,658	11,658	1.00	4.98
34	20	13,936	13,100	0.94	4.41	13,400	12,596	0.94	4.72	12,596	11,840	0.94	5.07
34	22	15,008	12,307	0.82	4.50	14,472	11,867	0.82	4.85	13,668	11,208	0.82	5.16

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP35BA / PUHZ-ZRP35VKA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,465	2,564	0.74	0.70	3,360	2,486	0.74	0.74	3,255	2,409	0.74	0.79
20	18	3,710	2,300	0.62	0.72	3,605	2,235	0.62	0.76	3,483	2,159	0.62	0.81
20	20	3,990	1,995	0.50	0.74	3,903	1,951	0.50	0.77	3,798	1,899	0.50	0.83
22	16	3,465	2,841	0.82	0.70	3,360	2,755	0.82	0.74	3,255	2,669	0.82	0.79
22	18	3,710	2,597	0.70	0.72	3,605	2,524	0.70	0.76	3,483	2,438	0.70	0.81
22	20	3,990	2,314	0.58	0.74	3,903	2,263	0.58	0.77	3,798	2,203	0.58	0.83
24	16	3,465	3,119	0.90	0.70	3,360	3,024	0.90	0.74	3,255	2,930	0.90	0.79
24	18	3,710	2,894	0.78	0.72	3,605	2,812	0.78	0.76	3,483	2,716	0.78	0.81
24	20	3,990	2,633	0.66	0.74	3,903	2,576	0.66	0.77	3,798	2,506	0.66	0.83
24	22	4,253	2,296	0.54	0.76	4,165	2,249	0.54	0.80	4,060	2,192	0.54	0.85
26	16	3,465	3,396	0.98	0.70	3,360	3,293	0.98	0.74	3,255	3,190	0.98	0.79
26	18	3,710	3,191	0.86	0.72	3,605	3,100	0.86	0.76	3,483	2,995	0.86	0.81
26	20	3,990	2,953	0.74	0.74	3,903	2,888	0.74	0.77	3,798	2,810	0.74	0.83
26	22	4,253	2,637	0.62	0.76	4,165	2,582	0.62	0.80	4,060	2,517	0.62	0.85
27	16	3,465	3,465	1.00	0.70	3,360	3,360	1.00	0.74	3,255	3,255	1.00	0.79
27	18	3,710	3,339	0.90	0.72	3,605	3,245	0.90	0.76	3,483	3,134	0.90	0.81
27	20	3,990	3,112	0.78	0.74	3,903	3,044	0.78	0.77	3,798	2,962	0.78	0.83
27	22	4,253	2,807	0.66	0.76	4,165	2,749	0.66	0.80	4,060	2,680	0.66	0.85
28	16	3,465	3,465	1.00	0.70	3,360	3,360	1.00	0.74	3,255	3,255	1.00	0.79
28	18	3,710	3,487	0.94	0.72	3,605	3,389	0.94	0.76	3,483	3,274	0.94	0.81
28	20	3,990	3,272	0.82	0.74	3,903	3,200	0.82	0.77	3,798	3,114	0.82	0.83
28	22	4,253	2,977	0.70	0.76	4,165	2,916	0.70	0.80	4,060	2,842	0.70	0.85
30	16	3,465	3,465	1.00	0.70	3,360	3,360	1.00	0.74	3,255	3,255	1.00	0.79
30	18	3,710	3,710	1.00	0.72	3,605	3,605	1.00	0.76	3,483	3,483	1.00	0.81
30	20	3,990	3,591	0.90	0.74	3,903	3,512	0.90	0.77	3,798	3,418	0.90	0.83
30	22	4,253	3,317	0.78	0.76	4,165	3,249	0.78	0.80	4,060	3,167	0.78	0.85
32	16	3,465	3,465	1.00	0.70	3,360	3,360	1.00	0.74	3,255	3,255	1.00	0.79
32	18	3,710	3,710	1.00	0.72	3,605	3,605	1.00	0.76	3,483	3,483	1.00	0.81
32	20	3,990	3,910	0.98	0.74	3,903	3,824	0.98	0.77	3,798	3,722	0.98	0.83
32	22	4,253	3,657	0.86	0.76	4,165	3,582	0.86	0.80	4,060	3,492	0.86	0.85
34	16	3,465	3,465	1.00	0.70	3,360	3,360	1.00	0.74	3,255	3,255	1.00	0.79
34	18	3,710	3,710	1.00	0.72	3,605	3,605	1.00	0.76	3,483	3,483	1.00	0.81
34	20	3,990	3,990	1.00	0.74	3,903	3,903	1.00	0.77	3,798	3,798	1.00	0.83
34	22	4,253	3,997	0.94	0.76	4,165	3,915	0.94	0.80	4,060	3,816	0.94	0.85

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,115	2,305	0.74	0.84	2,975	2,202	0.74	0.91	2,835	2,098	0.74	0.98
20	18	3,360	2,083	0.62	0.87	3,255	2,018	0.62	0.93	3,045	1,888	0.62	1.00
20	20	3,640	1,820	0.50	0.89	3,500	1,750	0.50	0.95	3,290	1,645	0.50	1.02
22	16	3,115	2,554	0.82	0.84	2,975	2,440	0.82	0.91	2,835	2,325	0.82	0.98
22	18	3,360	2,352	0.70	0.87	3,255	2,279	0.70	0.93	3,045	2,132	0.70	1.00
22	20	3,640	2,111	0.58	0.89	3,500	2,030	0.58	0.95	3,290	1,908	0.58	1.02
24	16	3,115	2,804	0.90	0.84	2,975	2,678	0.90	0.91	2,835	2,552	0.90	0.98
24	18	3,360	2,621	0.78	0.87	3,255	2,539	0.78	0.93	3,045	2,375	0.78	1.00
24	20	3,640	2,402	0.66	0.89	3,500	2,310	0.66	0.95	3,290	2,171	0.66	1.02
24	22	3,920	2,117	0.54	0.91	3,780	2,041	0.54	0.98	3,570	1,928	0.54	1.04
26	16	3,115	3,053	0.98	0.84	2,975	2,916	0.98	0.91	2,835	2,778	0.98	0.98
26	18	3,360	2,890	0.86	0.87	3,255	2,799	0.86	0.93	3,045	2,619	0.86	1.00
26	20	3,640	2,694	0.74	0.89	3,500	2,590	0.74	0.95	3,290	2,435	0.74	1.02
26	22	3,920	2,430	0.62	0.91	3,780	2,344	0.62	0.98	3,570	2,213	0.62	1.04
27	16	3,115	3,115	1.00	0.84	2,975	2,975	1.00	0.91	2,835	2,835	1.00	0.98
27	18	3,360	3,024	0.90	0.87	3,255	2,930	0.90	0.93	3,045	2,741	0.90	1.00
27	20	3,640	2,839	0.78	0.89	3,500	2,730	0.78	0.95	3,290	2,566	0.78	1.02
27	22	3,920	2,587	0.66	0.91	3,780	2,495	0.66	0.98	3,570	2,356	0.66	1.04
28	16	3,115	3,115	1.00	0.84	2,975	2,975	1.00	0.91	2,835	2,835	1.00	0.98
28	18	3,360	3,158	0.94	0.87	3,255	3,060	0.94	0.93	3,045	2,862	0.94	1.00
28	20	3,640	2,985	0.82	0.89	3,500	2,870	0.82	0.95	3,290	2,698	0.82	1.02
28	22	3,920	2,744	0.70	0.91	3,780	2,646	0.70	0.98	3,570	2,499	0.70	1.04
30	16	3,115	3,115	1.00	0.84	2,975	2,975	1.00	0.91	2,835	2,835	1.00	0.98
30	18	3,360	3,360	1.00	0.87	3,255	3,255	1.00	0.93	3,045	3,045	1.00	1.00
30	20	3,640	3,276	0.90	0.89	3,500	3,150	0.90	0.95	3,290	2,961	0.90	1.02
30	22	3,920	3,058	0.78	0.91	3,780	2,948	0.78	0.98	3,570	2,785	0.78	1.04
32	16	3,115	3,115	1.00	0.84	2,975	2,975	1.00	0.91	2,835	2,835	1.00	0.98
32	18	3,360	3,360	1.00	0.87	3,255	3,255	1.00	0.93	3,045	3,045	1.00	1.00
32	20	3,640	3,567	0.98	0.89	3,500	3,430	0.98	0.95	3,290	3,224	0.98	1.02
32	22	3,920	3,371	0.86	0.91	3,780	3,251	0.86	0.98	3,570	3,070	0.86	1.04
34	16	3,115	3,115	1.00	0.84	2,975	2,975	1.00	0.91	2,835	2,835	1.00	0.98
34	18	3,360	3,360	1.00	0.87	3,255	3,255	1.00	0.93	3,045	3,045	1.00	1.00
34	20	3,640	3,640	1.00	0.89	3,500	3,500	1.00	0.95	3,290	3,290	1.00	1.02
34	22	3,920	3,685	0.94	0.91	3,780	3,553	0.94	0.98	3,570	3,356	0.94	1.04

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP50BA / PUHZ-ZRP50VKA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,515	0.71	1.14	4,800	3,408	0.71	1.21	4,650	3,302	0.71	1.28
20	18	5,300	3,127	0.59	1.17	5,150	3,039	0.59	1.23	4,975	2,935	0.59	1.32
20	20	5,700	2,679	0.47	1.20	5,575	2,620	0.47	1.26	5,425	2,550	0.47	1.34
22	16	4,950	3,911	0.79	1.14	4,800	3,792	0.79	1.21	4,650	3,674	0.79	1.28
22	18	5,300	3,551	0.67	1.17	5,150	3,451	0.67	1.23	4,975	3,333	0.67	1.32
22	20	5,700	3,135	0.55	1.20	5,575	3,066	0.55	1.26	5,425	2,984	0.55	1.34
24	16	4,950	4,307	0.87	1.14	4,800	4,176	0.87	1.21	4,650	4,046	0.87	1.28
24	18	5,300	3,975	0.75	1.17	5,150	3,863	0.75	1.23	4,975	3,731	0.75	1.32
24	20	5,700	3,591	0.63	1.20	5,575	3,512	0.63	1.26	5,425	3,418	0.63	1.34
24	22	6,075	3,098	0.51	1.23	5,950	3,035	0.51	1.30	5,800	2,958	0.51	1.39
26	16	4,950	4,703	0.95	1.14	4,800	4,560	0.95	1.21	4,650	4,418	0.95	1.28
26	18	5,300	4,399	0.83	1.17	5,150	4,275	0.83	1.23	4,975	4,129	0.83	1.32
26	20	5,700	4,047	0.71	1.20	5,575	3,958	0.71	1.26	5,425	3,852	0.71	1.34
26	22	6,075	3,584	0.59	1.23	5,950	3,511	0.59	1.30	5,800	3,422	0.59	1.39
27	16	4,950	4,901	0.99	1.14	4,800	4,752	0.99	1.21	4,650	4,604	0.99	1.28
27	18	5,300	4,611	0.87	1.17	5,150	4,481	0.87	1.23	4,975	4,328	0.87	1.32
27	20	5,700	4,275	0.75	1.20	5,575	4,181	0.75	1.26	5,425	4,069	0.75	1.34
27	22	6,075	3,827	0.63	1.23	5,950	3,749	0.63	1.30	5,800	3,654	0.63	1.39
28	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.21	4,650	4,650	1.00	1.28
28	18	5,300	4,823	0.91	1.17	5,150	4,687	0.91	1.23	4,975	4,527	0.91	1.32
28	20	5,700	4,503	0.79	1.20	5,575	4,404	0.79	1.26	5,425	4,286	0.79	1.34
28	22	6,075	4,070	0.67	1.23	5,950	3,987	0.67	1.30	5,800	3,886	0.67	1.39
30	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.21	4,650	4,650	1.00	1.28
30	18	5,300	5,247	0.99	1.17	5,150	5,099	0.99	1.23	4,975	4,925	0.99	1.32
30	20	5,700	4,959	0.87	1.20	5,575	4,850	0.87	1.26	5,425	4,720	0.87	1.34
30	22	6,075	4,556	0.75	1.23	5,950	4,463	0.75	1.30	5,800	4,350	0.75	1.39
32	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.21	4,650	4,650	1.00	1.28
32	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.23	4,975	4,975	1.00	1.32
32	20	5,700	5,415	0.95	1.20	5,575	5,296	0.95	1.26	5,425	5,154	0.95	1.34
32	22	6,075	5,042	0.83	1.23	5,950	4,939	0.83	1.30	5,800	4,814	0.83	1.39
34	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.21	4,650	4,650	1.00	1.28
34	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.23	4,975	4,975	1.00	1.32
34	20	5,700	5,700	1.00	1.20	5,575	5,575	1.00	1.26	5,425	5,425	1.00	1.34
34	22	6,075	5,528	0.91	1.23	5,950	5,415	0.91	1.30	5,800	5,278	0.91	1.39

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,160	0.71	1.37	4,250	3,018	0.71	1.47	4,050	2,876	0.71	1.59
20	18	4,800	2,832	0.59	1.41	4,650	2,744	0.59	1.52	4,350	2,567	0.59	1.63
20	20	5,200	2,444	0.47	1.44	5,000	2,350	0.47	1.54	4,700	2,209	0.47	1.66
22	16	4,450	3,516	0.79	1.37	4,250	3,358	0.79	1.47	4,050	3,200	0.79	1.59
22	18	4,800	3,216	0.67	1.41	4,650	3,116	0.67	1.52	4,350	2,915	0.67	1.63
22	20	5,200	2,860	0.55	1.44	5,000	2,750	0.55	1.54	4,700	2,585	0.55	1.66
24	16	4,450	3,872	0.87	1.37	4,250	3,698	0.87	1.47	4,050	3,524	0.87	1.59
24	18	4,800	3,600	0.75	1.41	4,650	3,488	0.75	1.52	4,350	3,263	0.75	1.63
24	20	5,200	3,276	0.63	1.44	5,000	3,150	0.63	1.54	4,700	2,961	0.63	1.66
24	22	5,600	2,856	0.51	1.47	5,400	2,754	0.51	1.59	5,100	2,601	0.51	1.69
26	16	4,450	4,228	0.95	1.37	4,250	4,038	0.95	1.47	4,050	3,848	0.95	1.59
26	18	4,800	3,984	0.83	1.41	4,650	3,860	0.83	1.52	4,350	3,611	0.83	1.63
26	20	5,200	3,692	0.71	1.44	5,000	3,550	0.71	1.54	4,700	3,337	0.71	1.66
26	22	5,600	3,304	0.59	1.47	5,400	3,186	0.59	1.59	5,100	3,009	0.59	1.69
27	16	4,450	4,406	0.99	1.37	4,250	4,208	0.99	1.47	4,050	4,010	0.99	1.59
27	18	4,800	4,176	0.87	1.41	4,650	4,046	0.87	1.52	4,350	3,785	0.87	1.63
27	20	5,200	3,900	0.75	1.44	5,000	3,750	0.75	1.54	4,700	3,525	0.75	1.66
27	22	5,600	3,528	0.63	1.47	5,400	3,402	0.63	1.59	5,100	3,213	0.63	1.69
28	16	4,450	4,450	1.00	1.37	4,250	4,250	1.00	1.47	4,050	4,050	1.00	1.59
28	18	4,800	4,368	0.91	1.41	4,650	4,232	0.91	1.52	4,350	3,959	0.91	1.63
28	20	5,200	4,108	0.79	1.44	5,000	3,950	0.79	1.54	4,700	3,713	0.79	1.66
28	22	5,600	3,752	0.67	1.47	5,400	3,618	0.67	1.59	5,100	3,417	0.67	1.69
30	16	4,450	4,450	1.00	1.37	4,250	4,250	1.00	1.47	4,050	4,050	1.00	1.59
30	18	4,800	4,752	0.99	1.41	4,650	4,604	0.99	1.52	4,350	4,307	0.99	1.63
30	20	5,200	4,524	0.87	1.44	5,000	4,350	0.87	1.54	4,700	4,089	0.87	1.66
30	22	5,600	4,200	0.75	1.47	5,400	4,050	0.75	1.59	5,100	3,825	0.75	1.69
32	16	4,450	4,450	1.00	1.37	4,250	4,250	1.00	1.47	4,050	4,050	1.00	1.59
32	18	4,800	4,800	1.00	1.41	4,650	4,650	1.00	1.52	4,350	4,350	1.00	1.63
32	20	5,200	4,940	0.95	1.44	5,000	4,750	0.95	1.54	4,700	4,465	0.95	1.66
32	22	5,600	4,648	0.83	1.47	5,400	4,482	0.83	1.59	5,100	4,233	0.83	1.69
34	16	4,450	4,450	1.00	1.37	4,250	4,250	1.00	1.47	4,050	4,050	1.00	1.59
34	18	4,800	4,800	1.00	1.41	4,650	4,650	1.00	1.52	4,350	4,350	1.00	1.63
34	20	5,200	5,200	1.00	1.44	5,000	5,000	1.00	1.54	4,700	4,700	1.00	1.66
34	22	5,600	5,096	0.91	1.47	5,400	4,914	0.91	1.59	5,100	4,641	0.91	1.69

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP60BA / PUHZ-ZRP60VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,046	0.67	1.52	5,856	3,924	0.67	1.61	5,673	3,801	0.67	1.70
20	18	6,466	3,556	0.55	1.55	6,283	3,456	0.55	1.63	6,070	3,338	0.55	1.75
20	20	6,954	2,990	0.43	1.60	6,802	2,925	0.43	1.67	6,619	2,846	0.43	1.79
22	16	6,039	4,529	0.75	1.52	5,856	4,392	0.75	1.61	5,673	4,255	0.75	1.70
22	18	6,466	4,074	0.63	1.55	6,283	3,958	0.63	1.63	6,070	3,824	0.63	1.75
22	20	6,954	3,547	0.51	1.60	6,802	3,469	0.51	1.67	6,619	3,375	0.51	1.79
24	16	6,039	5,012	0.83	1.52	5,856	4,860	0.83	1.61	5,673	4,709	0.83	1.70
24	18	6,466	4,591	0.71	1.55	6,283	4,461	0.71	1.63	6,070	4,309	0.71	1.75
24	20	6,954	4,103	0.59	1.60	6,802	4,013	0.59	1.67	6,619	3,905	0.59	1.79
24	22	7,412	3,483	0.47	1.63	7,259	3,412	0.47	1.73	7,076	3,326	0.47	1.84
26	16	6,039	5,495	0.91	1.52	5,856	5,329	0.91	1.61	5,673	5,162	0.91	1.70
26	18	6,466	5,108	0.79	1.55	6,283	4,964	0.79	1.63	6,070	4,795	0.79	1.75
26	20	6,954	4,659	0.67	1.60	6,802	4,557	0.67	1.67	6,619	4,434	0.67	1.79
26	22	7,412	4,076	0.55	1.63	7,259	3,992	0.55	1.73	7,076	3,892	0.55	1.84
27	16	6,039	5,737	0.95	1.52	5,856	5,563	0.95	1.61	5,673	5,389	0.95	1.70
27	18	6,466	5,367	0.83	1.55	6,283	5,215	0.83	1.63	6,070	5,038	0.83	1.75
27	20	6,954	4,937	0.71	1.60	6,802	4,829	0.71	1.67	6,619	4,699	0.71	1.79
27	22	7,412	4,373	0.59	1.63	7,259	4,283	0.59	1.73	7,076	4,175	0.59	1.84
28	16	6,039	5,979	0.99	1.52	5,856	5,797	0.99	1.61	5,673	5,616	0.99	1.70
28	18	6,466	5,625	0.87	1.55	6,283	5,466	0.87	1.63	6,070	5,280	0.87	1.75
28	20	6,954	5,216	0.75	1.60	6,802	5,101	0.75	1.67	6,619	4,964	0.75	1.79
28	22	7,412	4,669	0.63	1.63	7,259	4,573	0.63	1.73	7,076	4,458	0.63	1.84
30	16	6,039	6,039	1.00	1.52	5,856	5,856	1.00	1.61	5,673	5,673	1.00	1.70
30	18	6,466	6,143	0.95	1.55	6,283	5,969	0.95	1.63	6,070	5,766	0.95	1.75
30	20	6,954	5,772	0.83	1.60	6,802	5,645	0.83	1.67	6,619	5,493	0.83	1.79
30	22	7,412	5,262	0.71	1.63	7,259	5,154	0.71	1.73	7,076	5,024	0.71	1.84
32	16	6,039	6,039	1.00	1.52	5,856	5,856	1.00	1.61	5,673	5,673	1.00	1.70
32	18	6,466	6,466	1.00	1.55	6,283	6,283	1.00	1.63	6,070	6,070	1.00	1.75
32	20	6,954	6,328	0.91	1.60	6,802	6,189	0.91	1.67	6,619	6,023	0.91	1.79
32	22	7,412	5,855	0.79	1.63	7,259	5,735	0.79	1.73	7,076	5,590	0.79	1.84
34	16	6,039	6,039	1.00	1.52	5,856	5,856	1.00	1.61	5,673	5,673	1.00	1.70
34	18	6,466	6,466	1.00	1.55	6,283	6,283	1.00	1.63	6,070	6,070	1.00	1.75
34	20	6,954	6,884	0.99	1.60	6,802	6,733	0.99	1.67	6,619	6,552	0.99	1.79
34	22	7,412	6,448	0.87	1.63	7,259	6,315	0.87	1.73	7,076	6,156	0.87	1.84

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,637	0.67	1.82	5,185	3,474	0.67	1.96	4,941	3,310	0.67	2.12
20	18	5,856	3,221	0.55	1.87	5,673	3,120	0.55	2.01	5,307	2,919	0.55	2.17
20	20	6,344	2,728	0.43	1.92	6,100	2,623	0.43	2.05	5,734	2,466	0.43	2.20
22	16	5,429	4,072	0.75	1.82	5,185	3,889	0.75	1.96	4,941	3,706	0.75	2.12
22	18	5,856	3,689	0.63	1.87	5,673	3,574	0.63	2.01	5,307	3,343	0.63	2.17
22	20	6,344	3,235	0.51	1.92	6,100	3,111	0.51	2.05	5,734	2,924	0.51	2.20
24	16	5,429	4,506	0.83	1.82	5,185	4,304	0.83	1.96	4,941	4,101	0.83	2.12
24	18	5,856	4,158	0.71	1.87	5,673	4,028	0.71	2.01	5,307	3,768	0.71	2.17
24	20	6,344	3,743	0.59	1.92	6,100	3,599	0.59	2.05	5,734	3,383	0.59	2.20
24	22	6,832	3,211	0.47	1.96	6,588	3,096	0.47	2.11	6,222	2,924	0.47	2.24
26	16	5,429	4,940	0.91	1.82	5,185	4,718	0.91	1.96	4,941	4,496	0.91	2.12
26	18	5,856	4,626	0.79	1.87	5,673	4,482	0.79	2.01	5,307	4,193	0.79	2.17
26	20	6,344	4,250	0.67	1.92	6,100	4,087	0.67	2.05	5,734	3,842	0.67	2.20
26	22	6,832	3,758	0.55	1.96	6,588	3,623	0.55	2.11	6,222	3,422	0.55	2.24
27	16	5,429	5,158	0.95	1.82	5,185	4,926	0.95	1.96	4,941	4,694	0.95	2.12
27	18	5,856	4,860	0.83	1.87	5,673	4,709	0.83	2.01	5,307	4,405	0.83	2.17
27	20	6,344	4,504	0.71	1.92	6,100	4,331	0.71	2.05	5,734	4,071	0.71	2.20
27	22	6,832	4,031	0.59	1.96	6,588	3,887	0.59	2.11	6,222	3,671	0.59	2.24
28	16	5,429	5,375	0.99	1.82	5,185	5,133	0.99	1.96	4,941	4,892	0.99	2.12
28	18	5,856	5,095	0.87	1.87	5,673	4,936	0.87	2.01	5,307	4,617	0.87	2.17
28	20	6,344	4,758	0.75	1.92	6,100	4,575	0.75	2.05	5,734	4,301	0.75	2.20
28	22	6,832	4,304	0.63	1.96	6,588	4,150	0.63	2.11	6,222	3,920	0.63	2.24
30	16	5,429	5,429	1.00	1.82	5,185	5,185	1.00	1.96	4,941	4,941	1.00	2.12
30	18	5,856	5,563	0.95	1.87	5,673	5,389	0.95	2.01	5,307	5,042	0.95	2.17
30	20	6,344	5,266	0.83	1.92	6,100	5,063	0.83	2.05	5,734	4,759	0.83	2.20
30	22	6,832	4,851	0.71	1.96	6,588	4,677	0.71	2.11	6,222	4,418	0.71	2.24
32	16	5,429	5,429	1.00	1.82	5,185	5,185	1.00	1.96	4,941	4,941	1.00	2.12
32	18	5,856	5,856	1.00	1.87	5,673	5,673	1.00	2.01	5,307	5,307	1.00	2.17
32	20	6,344	5,773	0.91	1.92	6,100	5,551	0.91	2.05	5,734	5,218	0.91	2.20
32	22	6,832	5,397	0.79	1.96	6,588	5,205	0.79	2.11	6,222	4,915	0.79	2.24
34	16	5,429	5,429	1.00	1.82	5,185	5,185	1.00	1.96	4,941	4,941	1.00	2.12
34	18	5,856	5,856	1.00	1.87	5,673	5,673	1.00	2.01	5,307	5,307	1.00	2.17
34	20	6,344	6,281	0.99	1.92	6,100	6,039	0.99	2.05	5,734	5,677	0.99	2.20
34	22	6,832	5,944	0.87	1.96	6,588	5,732	0.87	2.11	6,222	5,413	0.87	2.24

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP71BA / PUHZ-ZRP71VHA

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	7,029	4,428	0.63	1.50	6,816	4,294	0.63	1.58	6,603	4,160	0.63	1.67
20	18	7,526	3,838	0.51	1.52	7,313	3,730	0.51	1.61	7,065	3,603	0.51	1.72
20	20	8,094	3,157	0.39	1.57	7,917	3,087	0.39	1.65	7,704	3,004	0.39	1.76
22	16	7,029	4,991	0.71	1.50	6,816	4,839	0.71	1.58	6,603	4,688	0.71	1.67
22	18	7,526	4,440	0.59	1.52	7,313	4,315	0.59	1.61	7,065	4,168	0.59	1.72
22	20	8,094	3,804	0.47	1.57	7,917	3,721	0.47	1.65	7,704	3,621	0.47	1.76
24	16	7,029	5,553	0.79	1.50	6,816	5,385	0.79	1.58	6,603	5,216	0.79	1.67
24	18	7,526	5,042	0.67	1.52	7,313	4,900	0.67	1.61	7,065	4,733	0.67	1.72
24	20	8,094	4,452	0.55	1.57	7,917	4,354	0.55	1.65	7,704	4,237	0.55	1.76
24	22	8,627	3,709	0.43	1.61	8,449	3,633	0.43	1.70	8,236	3,541	0.43	1.81
26	16	7,029	6,115	0.87	1.50	6,816	5,930	0.87	1.58	6,603	5,745	0.87	1.67
26	18	7,526	5,645	0.75	1.52	7,313	5,485	0.75	1.61	7,065	5,298	0.75	1.72
26	20	8,094	5,099	0.63	1.57	7,917	4,987	0.63	1.65	7,704	4,853	0.63	1.76
26	22	8,627	4,400	0.51	1.61	8,449	4,309	0.51	1.70	8,236	4,200	0.51	1.81
27	16	7,029	6,396	0.91	1.50	6,816	6,203	0.91	1.58	6,603	6,009	0.91	1.67
27	18	7,526	5,946	0.79	1.52	7,313	5,777	0.79	1.61	7,065	5,581	0.79	1.72
27	20	8,094	5,423	0.67	1.57	7,917	5,304	0.67	1.65	7,704	5,161	0.67	1.76
27	22	8,627	4,745	0.55	1.61	8,449	4,647	0.55	1.70	8,236	4,530	0.55	1.81
28	16	7,029	6,678	0.95	1.50	6,816	6,475	0.95	1.58	6,603	6,273	0.95	1.67
28	18	7,526	6,247	0.83	1.52	7,313	6,070	0.83	1.61	7,065	5,864	0.83	1.72
28	20	8,094	5,747	0.71	1.57	7,917	5,621	0.71	1.65	7,704	5,469	0.71	1.76
28	22	8,627	5,090	0.59	1.61	8,449	4,985	0.59	1.70	8,236	4,859	0.59	1.81
30	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.58	6,603	6,603	1.00	1.67
30	18	7,526	6,849	0.91	1.52	7,313	6,655	0.91	1.61	7,065	6,429	0.91	1.72
30	20	8,094	6,394	0.79	1.57	7,917	6,254	0.79	1.65	7,704	6,086	0.79	1.76
30	22	8,627	5,780	0.67	1.61	8,449	5,661	0.67	1.70	8,236	5,518	0.67	1.81
32	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.58	6,603	6,603	1.00	1.67
32	18	7,526	7,451	0.99	1.52	7,313	7,240	0.99	1.61	7,065	6,994	0.99	1.72
32	20	8,094	7,042	0.87	1.57	7,917	6,887	0.87	1.65	7,704	6,702	0.87	1.76
32	22	8,627	6,470	0.75	1.61	8,449	6,337	0.75	1.70	8,236	6,177	0.75	1.81
34	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.58	6,603	6,603	1.00	1.67
34	18	7,526	7,526	1.00	1.52	7,313	7,313	1.00	1.61	7,065	7,065	1.00	1.72
34	20	8,094	7,689	0.95	1.57	7,917	7,521	0.95	1.65	7,704	7,318	0.95	1.76
34	22	8,627	7,160	0.83	1.61	8,449	7,013	0.83	1.70	8,236	6,836	0.83	1.81

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	6,319	3,981	0.63	1.80	6,035	3,802	0.63	1.93	5,751	3,623	0.63	2.09
20	18	6,816	3,476	0.51	1.84	6,603	3,368	0.51	1.98	6,177	3,150	0.51	2.13
20	20	7,384	2,880	0.39	1.89	7,100	2,769	0.39	2.02	6,674	2,603	0.39	2.17
22	16	6,319	4,486	0.71	1.80	6,035	4,285	0.71	1.93	5,751	4,083	0.71	2.09
22	18	6,816	4,021	0.59	1.84	6,603	3,896	0.59	1.98	6,177	3,644	0.59	2.13
22	20	7,384	3,470	0.47	1.89	7,100	3,337	0.47	2.02	6,674	3,137	0.47	2.17
24	16	6,319	4,992	0.79	1.80	6,035	4,768	0.79	1.93	5,751	4,543	0.79	2.09
24	18	6,816	4,567	0.67	1.84	6,603	4,424	0.67	1.98	6,177	4,139	0.67	2.13
24	20	7,384	4,061	0.55	1.89	7,100	3,905	0.55	2.02	6,674	3,671	0.55	2.17
24	22	7,952	3,419	0.43	1.93	7,668	3,297	0.43	2.08	7,242	3,114	0.43	2.21
26	16	6,319	5,498	0.87	1.80	6,035	5,250	0.87	1.93	5,751	5,003	0.87	2.09
26	18	6,816	5,112	0.75	1.84	6,603	4,952	0.75	1.98	6,177	4,633	0.75	2.13
26	20	7,384	4,652	0.63	1.89	7,100	4,473	0.63	2.02	6,674	4,205	0.63	2.17
26	22	7,952	4,056	0.51	1.93	7,668	3,911	0.51	2.08	7,242	3,693	0.51	2.21
27	16	6,319	5,750	0.91	1.80	6,035	5,492	0.91	1.93	5,751	5,233	0.91	2.09
27	18	6,816	5,385	0.79	1.84	6,603	5,216	0.79	1.98	6,177	4,880	0.79	2.13
27	20	7,384	4,947	0.67	1.89	7,100	4,757	0.67	2.02	6,674	4,472	0.67	2.17
27	22	7,952	4,374	0.55	1.93	7,668	4,217	0.55	2.08	7,242	3,983	0.55	2.21
28	16	6,319	6,003	0.95	1.80	6,035	5,733	0.95	1.93	5,751	5,463	0.95	2.09
28	18	6,816	5,657	0.83	1.84	6,603	5,480	0.83	1.98	6,177	5,127	0.83	2.13
28	20	7,384	5,243	0.71	1.89	7,100	5,041	0.71	2.02	6,674	4,739	0.71	2.17
28	22	7,952	4,692	0.59	1.93	7,668	4,524	0.59	2.08	7,242	4,273	0.59	2.21
30	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.93	5,751	5,751	1.00	2.09
30	18	6,816	6,203	0.91	1.84	6,603	6,009	0.91	1.98	6,177	5,621	0.91	2.13
30	20	7,384	5,833	0.79	1.89	7,100	5,609	0.79	2.02	6,674	5,272	0.79	2.17
30	22	7,952	5,328	0.67	1.93	7,668	5,138	0.67	2.08	7,242	4,852	0.67	2.21
32	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.93	5,751	5,751	1.00	2.09
32	18	6,816	6,748	0.99	1.84	6,603	6,537	0.99	1.98	6,177	6,115	0.99	2.13
32	20	7,384	6,424	0.87	1.89	7,100	6,177	0.87	2.02	6,674	5,806	0.87	2.17
32	22	7,952	5,964	0.75	1.93	7,668	5,751	0.75	2.08	7,242	5,432	0.75	2.21
34	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.93	5,751	5,751	1.00	2.09
34	18	6,816	6,816	1.00	1.84	6,603	6,603	1.00	1.98	6,177	6,177	1.00	2.13
34	20	7,384	7,015	0.95	1.89	7,100	6,745	0.95	2.02	6,674	6,340	0.95	2.17
34	22	7,952	6,600	0.83	1.93	7,668	6,364	0.83	2.08	7,242	6,011	0.83	2.21

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP100BA / PUHZ-ZRP100VKA2, PUHZ-ZRP100YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,019	0.64	1.77	9,120	5,837	0.64	1.87	8,835	5,654	0.64	1.98
20	18	10,070	5,236	0.52	1.80	9,785	5,088	0.52	1.90	9,453	4,915	0.52	2.03
20	20	10,830	4,332	0.40	1.86	10,593	4,237	0.40	1.94	10,308	4,123	0.40	2.08
22	16	9,405	6,772	0.72	1.77	9,120	6,566	0.72	1.87	8,835	6,361	0.72	1.98
22	18	10,070	6,042	0.60	1.80	9,785	5,871	0.60	1.90	9,453	5,672	0.60	2.03
22	20	10,830	5,198	0.48	1.86	10,593	5,084	0.48	1.94	10,308	4,948	0.48	2.08
24	16	9,405	7,524	0.80	1.77	9,120	7,296	0.80	1.87	8,835	7,068	0.80	1.98
24	18	10,070	6,848	0.68	1.80	9,785	6,654	0.68	1.90	9,453	6,428	0.68	2.03
24	20	10,830	6,065	0.56	1.86	10,593	5,932	0.56	1.94	10,308	5,772	0.56	2.08
24	22	11,543	5,079	0.44	1.90	11,305	4,974	0.44	2.01	11,020	4,849	0.44	2.14
26	16	9,405	8,276	0.88	1.77	9,120	8,026	0.88	1.87	8,835	7,775	0.88	1.98
26	18	10,070	7,653	0.76	1.80	9,785	7,437	0.76	1.90	9,453	7,184	0.76	2.03
26	20	10,830	6,931	0.64	1.86	10,593	6,779	0.64	1.94	10,308	6,597	0.64	2.08
26	22	11,543	6,002	0.52	1.90	11,305	5,879	0.52	2.01	11,020	5,730	0.52	2.14
27	16	9,405	8,653	0.92	1.77	9,120	8,390	0.92	1.87	8,835	8,128	0.92	1.98
27	18	10,070	8,056	0.80	1.80	9,785	7,828	0.80	1.90	9,453	7,562	0.80	2.03
27	20	10,830	7,364	0.68	1.86	10,593	7,203	0.68	1.94	10,308	7,009	0.68	2.08
27	22	11,543	6,464	0.56	1.90	11,305	6,331	0.56	2.01	11,020	6,171	0.56	2.14
28	16	9,405	9,029	0.96	1.77	9,120	8,755	0.96	1.87	8,835	8,482	0.96	1.98
28	18	10,070	8,459	0.84	1.80	9,785	8,219	0.84	1.90	9,453	7,940	0.84	2.03
28	20	10,830	7,798	0.72	1.86	10,593	7,627	0.72	1.94	10,308	7,421	0.72	2.08
28	22	11,543	6,926	0.60	1.90	11,305	6,783	0.60	2.01	11,020	6,612	0.60	2.14
30	16	9,405	9,405	1.00	1.77	9,120	9,120	1.00	1.87	8,835	8,835	1.00	1.98
30	18	10,070	9,264	0.92	1.80	9,785	9,002	0.92	1.90	9,453	8,696	0.92	2.03
30	20	10,830	8,664	0.80	1.86	10,593	8,474	0.80	1.94	10,308	8,246	0.80	2.08
30	22	11,543	7,849	0.68	1.90	11,305	7,687	0.68	2.01	11,020	7,494	0.68	2.14
32	16	9,405	9,405	1.00	1.77	9,120	9,120	1.00	1.87	8,835	8,835	1.00	1.98
32	18	10,070	10,070	1.00	1.80	9,785	9,785	1.00	1.90	9,453	9,453	1.00	2.03
32	20	10,830	9,530	0.88	1.86	10,593	9,321	0.88	1.94	10,308	9,071	0.88	2.08
32	22	11,543	8,772	0.76	1.90	11,305	8,592	0.76	2.01	11,020	8,375	0.76	2.14
34	16	9,405	9,405	1.00	1.77	9,120	9,120	1.00	1.87	8,835	8,835	1.00	1.98
34	18	10,070	10,070	1.00	1.80	9,785	9,785	1.00	1.90	9,453	9,453	1.00	2.03
34	20	10,830	10,397	0.96	1.86	10,593	10,169	0.96	1.94	10,308	9,895	0.96	2.08
34	22	11,543	9,696	0.84	1.90	11,305	9,496	0.84	2.01	11,020	9,257	0.84	2.14

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	5,411	0.64	2.12	8,075	5,168	0.64	2.28	7,695	4,925	0.64	2.46
20	18	9,120	4,742	0.52	2.18	8,835	4,594	0.52	2.34	8,265	4,298	0.52	2.52
20	20	9,880	3,952	0.40	2.23	9,500	3,800	0.40	2.39	8,930	3,572	0.40	2.56
22	16	8,455	6,088	0.72	2.12	8,075	5,814	0.72	2.28	7,695	5,540	0.72	2.46
22	18	9,120	5,472	0.60	2.18	8,835	5,301	0.60	2.34	8,265	4,959	0.60	2.52
22	20	9,880	4,742	0.48	2.23	9,500	4,560	0.48	2.39	8,930	4,286	0.48	2.56
24	16	8,455	6,764	0.80	2.12	8,075	6,460	0.80	2.28	7,695	6,156	0.80	2.46
24	18	9,120	6,202	0.68	2.18	8,835	6,008	0.68	2.34	8,265	5,620	0.68	2.52
24	20	9,880	5,533	0.56	2.23	9,500	5,320	0.56	2.39	8,930	5,001	0.56	2.56
24	22	10,640	4,682	0.44	2.28	10,260	4,514	0.44	2.45	9,690	4,264	0.44	2.61
26	16	8,455	7,440	0.88	2.12	8,075	7,106	0.88	2.28	7,695	6,772	0.88	2.46
26	18	9,120	6,931	0.76	2.18	8,835	6,715	0.76	2.34	8,265	6,281	0.76	2.52
26	20	9,880	6,323	0.64	2.23	9,500	6,080	0.64	2.39	8,930	5,715	0.64	2.56
26	22	10,640	5,533	0.52	2.28	10,260	5,335	0.52	2.45	9,690	5,039	0.52	2.61
27	16	8,455	7,779	0.92	2.12	8,075	7,429	0.92	2.28	7,695	7,079	0.92	2.46
27	18	9,120	7,296	0.80	2.18	8,835	7,068	0.80	2.34	8,265	6,612	0.80	2.52
27	20	9,880	6,718	0.68	2.23	9,500	6,460	0.68	2.39	8,930	6,072	0.68	2.56
27	22	10,640	5,958	0.56	2.28	10,260	5,746	0.56	2.45	9,690	5,426	0.56	2.61
28	16	8,455	8,117	0.96	2.12	8,075	7,752	0.96	2.28	7,695	7,387	0.96	2.46
28	18	9,120	7,661	0.84	2.18	8,835	7,421	0.84	2.34	8,265	6,943	0.84	2.52
28	20	9,880	7,114	0.72	2.23	9,500	6,840	0.72	2.39	8,930	6,430	0.72	2.56
28	22	10,640	6,384	0.60	2.28	10,260	6,156	0.60	2.45	9,690	5,814	0.60	2.61
30	16	8,455	8,455	1.00	2.12	8,075	8,075	1.00	2.28	7,695	7,695	1.00	2.46
30	18	9,120	8,390	0.92	2.18	8,835	8,128	0.92	2.34	8,265	7,604	0.92	2.52
30	20	9,880	7,904	0.80	2.23	9,500	7,600	0.80	2.39	8,930	7,144	0.80	2.56
30	22	10,640	7,235	0.68	2.28	10,260	6,977	0.68	2.45	9,690	6,589	0.68	2.61
32	16	8,455	8,455	1.00	2.12	8,075	8,075	1.00	2.28	7,695	7,695	1.00	2.46
32	18	9,120	9,120	1.00	2.18	8,835	8,835	1.00	2.34	8,265	8,265	1.00	2.52
32	20	9,880	8,694	0.88	2.23	9,500	8,360	0.88	2.39	8,930	7,858	0.88	2.56
32	22	10,640	8,086	0.76	2.28	10,260	7,798	0.76	2.45	9,690	7,364	0.76	2.61
34	16	8,455	8,455	1.00	2.12	8,075	8,075	1.00	2.28	7,695	7,695	1.00	2.46
34	18	9,120	9,120	1.00	2.18	8,835	8,835	1.00	2.34	8,265	8,265	1.00	2.52
34	20	9,880	9,485	0.96	2.23	9,500	9,120	0.96	2.39	8,930	8,573	0.96	2.56
34	22	10,640	8,938	0.84	2.28	10,260	8,618	0.84	2.45	9,690	8,140	0.84	2.61

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP125BA / PUHZ-ZRP125VKA2, PUHZ-ZRP125YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	7,549	0.61	3.19	12,000	7,320	0.61	3.37	11,625	7,091	0.61	3.57
20	18	13,250	6,493	0.49	3.25	12,875	6,309	0.49	3.43	12,438	6,094	0.49	3.67
20	20	14,250	5,273	0.37	3.35	13,938	5,157	0.37	3.51	13,563	5,018	0.37	3.75
22	16	12,375	8,539	0.69	3.19	12,000	8,280	0.69	3.37	11,625	8,021	0.69	3.57
22	18	13,250	7,553	0.57	3.25	12,875	7,339	0.57	3.43	12,438	7,089	0.57	3.67
22	20	14,250	6,413	0.45	3.35	13,938	6,272	0.45	3.51	13,563	6,103	0.45	3.75
24	16	12,375	9,529	0.77	3.19	12,000	9,240	0.77	3.37	11,625	8,951	0.77	3.57
24	18	13,250	8,613	0.65	3.25	12,875	8,369	0.65	3.43	12,438	8,084	0.65	3.67
24	20	14,250	7,553	0.53	3.35	13,938	7,387	0.53	3.51	13,563	7,188	0.53	3.75
24	22	15,188	6,227	0.41	3.43	14,875	6,099	0.41	3.63	14,500	5,945	0.41	3.87
26	16	12,375	10,519	0.85	3.19	12,000	10,200	0.85	3.37	11,625	9,881	0.85	3.57
26	18	13,250	9,673	0.73	3.25	12,875	9,399	0.73	3.43	12,438	9,079	0.73	3.67
26	20	14,250	8,693	0.61	3.35	13,938	8,502	0.61	3.51	13,563	8,273	0.61	3.75
26	22	15,188	7,442	0.49	3.43	14,875	7,289	0.49	3.63	14,500	7,105	0.49	3.87
27	16	12,375	11,014	0.89	3.19	12,000	10,680	0.89	3.37	11,625	10,346	0.89	3.57
27	18	13,250	10,203	0.77	3.25	12,875	9,914	0.77	3.43	12,438	9,577	0.77	3.67
27	20	14,250	9,263	0.65	3.35	13,938	9,059	0.65	3.51	13,563	8,816	0.65	3.75
27	22	15,188	8,049	0.53	3.43	14,875	7,884	0.53	3.63	14,500	7,685	0.53	3.87
28	16	12,375	11,509	0.93	3.19	12,000	11,160	0.93	3.37	11,625	10,811	0.93	3.57
28	18	13,250	10,733	0.81	3.25	12,875	10,429	0.81	3.43	12,438	10,074	0.81	3.67
28	20	14,250	9,833	0.69	3.35	13,938	9,617	0.69	3.51	13,563	9,358	0.69	3.75
28	22	15,188	8,657	0.57	3.43	14,875	8,479	0.57	3.63	14,500	8,265	0.57	3.87
30	16	12,375	12,375	1.00	3.19	12,000	12,000	1.00	3.37	11,625	11,625	1.00	3.57
30	18	13,250	11,793	0.89	3.25	12,875	11,459	0.89	3.43	12,438	11,069	0.89	3.67
30	20	14,250	10,973	0.77	3.35	13,938	10,732	0.77	3.51	13,563	10,443	0.77	3.75
30	22	15,188	9,872	0.65	3.43	14,875	9,669	0.65	3.63	14,500	9,425	0.65	3.87
32	16	12,375	12,375	1.00	3.19	12,000	12,000	1.00	3.37	11,625	11,625	1.00	3.57
32	18	13,250	12,853	0.97	3.25	12,875	12,489	0.97	3.43	12,438	12,064	0.97	3.67
32	20	14,250	12,113	0.85	3.35	13,938	11,847	0.85	3.51	13,563	11,528	0.85	3.75
32	22	15,188	11,087	0.73	3.43	14,875	10,859	0.73	3.63	14,500	10,585	0.73	3.87
34	16	12,375	12,375	1.00	3.19	12,000	12,000	1.00	3.37	11,625	11,625	1.00	3.57
34	18	13,250	13,250	1.00	3.25	12,875	12,875	1.00	3.43	12,438	12,438	1.00	3.67
34	20	14,250	13,253	0.93	3.35	13,938	12,962	0.93	3.51	13,563	12,613	0.93	3.75
34	22	15,188	12,302	0.81	3.43	14,875	12,049	0.81	3.63	14,500	11,745	0.81	3.87

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	6,786	0.61	3.83	10,625	6,481	0.61	4.11	10,125	6,176	0.61	4.45
20	18	12,000	5,880	0.49	3.93	11,625	5,696	0.49	4.23	10,875	5,329	0.49	4.55
20	20	13,000	4,810	0.37	4.03	12,500	4,625	0.37	4.31	11,750	4,348	0.37	4.63
22	16	11,125	7,676	0.69	3.83	10,625	7,331	0.69	4.11	10,125	6,986	0.69	4.45
22	18	12,000	6,840	0.57	3.93	11,625	6,626	0.57	4.23	10,875	6,199	0.57	4.55
22	20	13,000	5,850	0.45	4.03	12,500	5,625	0.45	4.31	11,750	5,288	0.45	4.63
24	16	11,125	8,566	0.77	3.83	10,625	8,181	0.77	4.11	10,125	7,796	0.77	4.45
24	18	12,000	7,800	0.65	3.93	11,625	7,556	0.65	4.23	10,875	7,069	0.65	4.55
24	20	13,000	6,890	0.53	4.03	12,500	6,625	0.53	4.31	11,750	6,228	0.53	4.63
24	22	14,000	5,740	0.41	4.11	13,500	5,535	0.41	4.43	12,750	5,228	0.41	4.71
26	16	11,125	9,456	0.85	3.83	10,625	9,031	0.85	4.11	10,125	8,606	0.85	4.45
26	18	12,000	8,760	0.73	3.93	11,625	8,486	0.73	4.23	10,875	7,939	0.73	4.55
26	20	13,000	7,930	0.61	4.03	12,500	7,625	0.61	4.31	11,750	7,168	0.61	4.63
26	22	14,000	6,860	0.49	4.11	13,500	6,615	0.49	4.43	12,750	6,248	0.49	4.71
27	16	11,125	9,901	0.89	3.83	10,625	9,456	0.89	4.11	10,125	9,011	0.89	4.45
27	18	12,000	9,240	0.77	3.93	11,625	8,951	0.77	4.23	10,875	8,374	0.77	4.55
27	20	13,000	8,450	0.65	4.03	12,500	8,125	0.65	4.31	11,750	7,638	0.65	4.63
27	22	14,000	7,420	0.53	4.11	13,500	7,155	0.53	4.43	12,750	6,758	0.53	4.71
28	16	11,125	10,346	0.93	3.83	10,625	9,881	0.93	4.11	10,125	9,416	0.93	4.45
28	18	12,000	9,720	0.81	3.93	11,625	9,416	0.81	4.23	10,875	8,809	0.81	4.55
28	20	13,000	8,970	0.69	4.03	12,500	8,625	0.69	4.31	11,750	8,108	0.69	4.63
28	22	14,000	7,980	0.57	4.11	13,500	7,695	0.57	4.43	12,750	7,268	0.57	4.71
30	16	11,125	11,125	1.00	3.83	10,625	10,625	1.00	4.11	10,125	10,125	1.00	4.45
30	18	12,000	10,680	0.89	3.93	11,625	10,346	0.89	4.23	10,875	9,679	0.89	4.55
30	20	13,000	10,010	0.77	4.03	12,500	9,625	0.77	4.31	11,750	9,048	0.77	4.63
30	22	14,000	9,100	0.65	4.11	13,500	8,775	0.65	4.43	12,750	8,288	0.65	4.71
32	16	11,125	11,125	1.00	3.83	10,625	10,625	1.00	4.11	10,125	10,125	1.00	4.45
32	18	12,000	11,640	0.97	3.93	11,625	11,276	0.97	4.23	10,875	10,549	0.97	4.55
32	20	13,000	11,050	0.85	4.03	12,500	10,625	0.85	4.31	11,750	9,988	0.85	4.63
32	22	14,000	10,220	0.73	4.11	13,500	9,855	0.73	4.43	12,750	9,308	0.73	4.71
34	16	11,125	11,125	1.00	3.83	10,625	10,625	1.00	4.11	10,125	10,125	1.00	4.45
34	18	12,000	12,000	1.00	3.93	11,625	11,625	1.00	4.23	10,875	10,875	1.00	4.55
34	20	13,000	12,090	0.93	4.03	12,500	11,625	0.93	4.31	11,750	10,928	0.93	4.63
34	22	14,000	11,340	0.81	4.11	13,500	10,935	0.81	4.43	12,750	10,328	0.81	4.71

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP140BA2 / PUHZ-ZRP140VKA2,PUHZ-ZRP140YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	8,225	0.62	3.52	12,864	7,976	0.62	3.72	12,462	7,726	0.62	3.94
20	18	14,204	7,102	0.50	3.59	13,802	6,901	0.50	3.78	13,333	6,667	0.50	4.05
20	20	15,276	5,805	0.38	3.70	14,941	5,678	0.38	3.87	14,539	5,525	0.38	4.14
22	16	13,266	9,286	0.70	3.52	12,864	9,005	0.70	3.72	12,462	8,723	0.70	3.94
22	18	14,204	8,238	0.58	3.59	13,802	8,005	0.58	3.78	13,333	7,733	0.58	4.05
22	20	15,276	7,027	0.46	3.70	14,941	6,873	0.46	3.87	14,539	6,688	0.46	4.14
24	16	13,266	10,347	0.78	3.52	12,864	10,034	0.78	3.72	12,462	9,720	0.78	3.94
24	18	14,204	9,375	0.66	3.59	13,802	9,109	0.66	3.78	13,333	8,800	0.66	4.05
24	20	15,276	8,249	0.54	3.70	14,941	8,068	0.54	3.87	14,539	7,851	0.54	4.14
24	22	16,281	6,838	0.42	3.78	15,946	6,697	0.42	4.00	15,544	6,528	0.42	4.27
26	16	13,266	11,409	0.86	3.52	12,864	11,063	0.86	3.72	12,462	10,717	0.86	3.94
26	18	14,204	10,511	0.74	3.59	13,802	10,213	0.74	3.78	13,333	9,866	0.74	4.05
26	20	15,276	9,471	0.62	3.70	14,941	9,263	0.62	3.87	14,539	9,014	0.62	4.14
26	22	16,281	8,141	0.50	3.78	15,946	7,973	0.50	4.00	15,544	7,772	0.50	4.27
27	16	13,266	11,939	0.90	3.52	12,864	11,578	0.90	3.72	12,462	11,216	0.90	3.94
27	18	14,204	11,079	0.78	3.59	13,802	10,766	0.78	3.78	13,333	10,400	0.78	4.05
27	20	15,276	10,082	0.66	3.70	14,941	9,861	0.66	3.87	14,539	9,596	0.66	4.14
27	22	16,281	8,792	0.54	3.78	15,946	8,611	0.54	4.00	15,544	8,394	0.54	4.27
28	16	13,266	12,470	0.94	3.52	12,864	12,092	0.94	3.72	12,462	11,714	0.94	3.94
28	18	14,204	11,647	0.82	3.59	13,802	11,318	0.82	3.78	13,333	10,933	0.82	4.05
28	20	15,276	10,693	0.70	3.70	14,941	10,459	0.70	3.87	14,539	10,177	0.70	4.14
28	22	16,281	9,443	0.58	3.78	15,946	9,249	0.58	4.00	15,544	9,016	0.58	4.27
30	16	13,266	13,266	1.00	3.52	12,864	12,864	1.00	3.72	12,462	12,462	1.00	3.94
30	18	14,204	12,784	0.90	3.59	13,802	12,422	0.90	3.78	13,333	12,000	0.90	4.05
30	20	15,276	11,915	0.78	3.70	14,941	11,654	0.78	3.87	14,539	11,340	0.78	4.14
30	22	16,281	10,745	0.66	3.78	15,946	10,524	0.66	4.00	15,544	10,259	0.66	4.27
32	16	13,266	13,266	1.00	3.52	12,864	12,864	1.00	3.72	12,462	12,462	1.00	3.94
32	18	14,204	13,920	0.98	3.59	13,802	13,526	0.98	3.78	13,333	13,066	0.98	4.05
32	20	15,276	13,137	0.86	3.70	14,941	12,849	0.86	3.87	14,539	12,504	0.86	4.14
32	22	16,281	12,048	0.74	3.78	15,946	11,800	0.74	4.00	15,544	11,503	0.74	4.27
34	16	13,266	13,266	1.00	3.52	12,864	12,864	1.00	3.72	12,462	12,462	1.00	3.94
34	18	14,204	14,204	1.00	3.59	13,802	13,802	1.00	3.78	13,333	13,333	1.00	4.05
34	20	15,276	14,359	0.94	3.70	14,941	14,045	0.94	3.87	14,539	13,667	0.94	4.14
34	22	16,281	13,350	0.82	3.78	15,946	13,076	0.82	4.00	15,544	12,746	0.82	4.27

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	7,394	0.62	4.22	11,390	7,062	0.62	4.53	10,854	6,729	0.62	4.91
20	18	12,864	6,432	0.50	4.33	12,462	6,231	0.50	4.66	11,658	5,829	0.50	5.02
20	20	13,936	5,296	0.38	4.44	13,400	5,092	0.38	4.75	12,596	4,786	0.38	5.10
22	16	11,926	8,348	0.70	4.22	11,390	7,973	0.70	4.53	10,854	7,598	0.70	4.91
22	18	12,864	7,461	0.58	4.33	12,462	7,228	0.58	4.66	11,658	6,762	0.58	5.02
22	20	13,936	6,411	0.46	4.44	13,400	6,164	0.46	4.75	12,596	5,794	0.46	5.10
24	16	11,926	9,302	0.78	4.22	11,390	8,884	0.78	4.53	10,854	8,466	0.78	4.91
24	18	12,864	8,490	0.66	4.33	12,462	8,225	0.66	4.66	11,658	7,694	0.66	5.02
24	20	13,936	7,525	0.54	4.44	13,400	7,236	0.54	4.75	12,596	6,802	0.54	5.10
24	22	15,008	6,303	0.42	4.53	14,472	6,078	0.42	4.88	13,668	5,741	0.42	5.19
26	16	11,926	10,256	0.86	4.22	11,390	9,795	0.86	4.53	10,854	9,334	0.86	4.91
26	18	12,864	9,519	0.74	4.33	12,462	9,222	0.74	4.66	11,658	8,627	0.74	5.02
26	20	13,936	8,640	0.62	4.44	13,400	8,308	0.62	4.75	12,596	7,810	0.62	5.10
26	22	15,008	7,504	0.50	4.53	14,472	7,236	0.50	4.88	13,668	6,834	0.50	5.19
27	16	11,926	10,733	0.90	4.22	11,390	10,251	0.90	4.53	10,854	9,769	0.90	4.91
27	18	12,864	10,034	0.78	4.33	12,462	9,720	0.78	4.66	11,658	9,093	0.78	5.02
27	20	13,936	9,198	0.66	4.44	13,400	8,844	0.66	4.75	12,596	8,313	0.66	5.10
27	22	15,008	8,104	0.54	4.53	14,472	7,815	0.54	4.88	13,668	7,381	0.54	5.19
28	16	11,926	11,210	0.94	4.22	11,390	10,707	0.94	4.53	10,854	10,203	0.94	4.91
28	18	12,864	10,548	0.82	4.33	12,462	10,219	0.82	4.66	11,658	9,560	0.82	5.02
28	20	13,936	9,755	0.70	4.44	13,400	9,380	0.70	4.75	12,596	8,817	0.70	5.10
28	22	15,008	8,705	0.58	4.53	14,472	8,394	0.58	4.88	13,668	7,927	0.58	5.19
30	16	11,926	11,926	1.00	4.22	11,390	11,390	1.00	4.53	10,854	10,854	1.00	4.91
30	18	12,864	11,578	0.90	4.33	12,462	11,216	0.90	4.66	11,658	10,492	0.90	5.02
30	20	13,936	10,870	0.78	4.44	13,400	10,452	0.78	4.75	12,596	9,825	0.78	5.10
30	22	15,008	9,905	0.66	4.53	14,472	9,552	0.66	4.88	13,668	9,021	0.66	5.19
32	16	11,926	11,926	1.00	4.22	11,390	11,390	1.00	4.53	10,854	10,854	1.00	4.91
32	18	12,864	12,607	0.98	4.33	12,462	12,213	0.98	4.66	11,658	11,425	0.98	5.02
32	20	13,936	11,985	0.86	4.44	13,400	11,524	0.86	4.75	12,596	10,833	0.86	5.10
32	22	15,008	11,106	0.74	4.53	14,472	10,709	0.74	4.88	13,668	10,114	0.74	5.19
34	16	11,926	11,926	1.00	4.22	11,390	11,390	1.00	4.53	10,854	10,854	1.00	4.91
34	18	12,864	12,864	1.00	4.33	12,462	12,462	1.00	4.66	11,658	11,658	1.00	5.02
34	20	13,936	13,100	0.94	4.44	13,400	12,596	0.94	4.75	12,596	11,840	0.94	5.10
34	22	15,008	12,307	0.82	4.53	14,472	11,867	0.82	4.88	13,668	11,208	0.82	5.19

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP71BA / PUHZ-FRP71VHA

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	7,029	4,428	0.63	1.48	6,816	4,294	0.63	1.56	6,603	4,160	0.63	1.66
20	18	7,526	3,838	0.51	1.51	7,313	3,730	0.51	1.59	7,065	3,603	0.51	1.70
20	20	8,094	3,157	0.39	1.55	7,917	3,087	0.39	1.63	7,704	3,004	0.39	1.74
22	16	7,029	4,991	0.71	1.48	6,816	4,839	0.71	1.56	6,603	4,688	0.71	1.66
22	18	7,526	4,440	0.59	1.51	7,313	4,315	0.59	1.59	7,065	4,168	0.59	1.70
22	20	8,094	3,804	0.47	1.55	7,917	3,721	0.47	1.63	7,704	3,621	0.47	1.74
24	16	7,029	5,553	0.79	1.48	6,816	5,385	0.79	1.56	6,603	5,216	0.79	1.66
24	18	7,526	5,042	0.67	1.51	7,313	4,900	0.67	1.59	7,065	4,733	0.67	1.70
24	20	8,094	4,452	0.55	1.55	7,917	4,354	0.55	1.63	7,704	4,237	0.55	1.74
24	22	8,627	3,709	0.43	1.59	8,449	3,633	0.43	1.68	8,236	3,541	0.43	1.79
26	16	7,029	6,115	0.87	1.48	6,816	5,930	0.87	1.56	6,603	5,745	0.87	1.66
26	18	7,526	5,645	0.75	1.51	7,313	5,485	0.75	1.59	7,065	5,298	0.75	1.70
26	20	8,094	5,099	0.63	1.55	7,917	4,987	0.63	1.63	7,704	4,853	0.63	1.74
26	22	8,627	4,400	0.51	1.59	8,449	4,309	0.51	1.68	8,236	4,200	0.51	1.79
27	16	7,029	6,396	0.91	1.48	6,816	6,203	0.91	1.56	6,603	6,009	0.91	1.66
27	18	7,526	5,946	0.79	1.51	7,313	5,777	0.79	1.59	7,065	5,581	0.79	1.70
27	20	8,094	5,423	0.67	1.55	7,917	5,304	0.67	1.63	7,704	5,161	0.67	1.74
27	22	8,627	4,745	0.55	1.59	8,449	4,647	0.55	1.68	8,236	4,530	0.55	1.79
28	16	7,029	6,678	0.95	1.48	6,816	6,475	0.95	1.56	6,603	6,273	0.95	1.66
28	18	7,526	6,247	0.83	1.51	7,313	6,070	0.83	1.59	7,065	5,864	0.83	1.70
28	20	8,094	5,747	0.71	1.55	7,917	5,621	0.71	1.63	7,704	5,469	0.71	1.74
28	22	8,627	5,090	0.59	1.59	8,449	4,985	0.59	1.68	8,236	4,859	0.59	1.79
30	16	7,029	7,029	1.00	1.48	6,816	6,816	1.00	1.56	6,603	6,603	1.00	1.66
30	18	7,526	6,849	0.91	1.51	7,313	6,655	0.91	1.59	7,065	6,429	0.91	1.70
30	20	8,094	6,394	0.79	1.55	7,917	6,254	0.79	1.63	7,704	6,086	0.79	1.74
30	22	8,627	5,780	0.67	1.59	8,449	5,661	0.67	1.68	8,236	5,518	0.67	1.79
32	16	7,029	7,029	1.00	1.48	6,816	6,816	1.00	1.56	6,603	6,603	1.00	1.66
32	18	7,526	7,451	0.99	1.51	7,313	7,240	0.99	1.59	7,065	6,994	0.99	1.70
32	20	8,094	7,042	0.87	1.55	7,917	6,887	0.87	1.63	7,704	6,702	0.87	1.74
32	22	8,627	6,470	0.75	1.59	8,449	6,337	0.75	1.68	8,236	6,177	0.75	1.79
34	16	7,029	7,029	1.00	1.48	6,816	6,816	1.00	1.56	6,603	6,603	1.00	1.66
34	18	7,526	7,526	1.00	1.51	7,313	7,313	1.00	1.59	7,065	7,065	1.00	1.70
34	20	8,094	7,689	0.95	1.55	7,917	7,521	0.95	1.63	7,704	7,318	0.95	1.74
34	22	8,627	7,160	0.83	1.59	8,449	7,013	0.83	1.68	8,236	6,836	0.83	1.79

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	6,319	3,981	0.63	1.78	6,035	3,802	0.63	1.91	5,751	3,623	0.63	2.06
20	18	6,816	3,476	0.51	1.82	6,603	3,368	0.51	1.96	6,177	3,150	0.51	2.11
20	20	7,384	2,880	0.39	1.87	7,100	2,769	0.39	2.00	6,674	2,603	0.39	2.15
22	16	6,319	4,486	0.71	1.78	6,035	4,285	0.71	1.91	5,751	4,083	0.71	2.06
22	18	6,816	4,021	0.59	1.82	6,603	3,896	0.59	1.96	6,177	3,644	0.59	2.11
22	20	7,384	3,470	0.47	1.87	7,100	3,337	0.47	2.00	6,674	3,137	0.47	2.15
24	16	6,319	4,992	0.79	1.78	6,035	4,768	0.79	1.91	5,751	4,543	0.79	2.06
24	18	6,816	4,567	0.67	1.82	6,603	4,424	0.67	1.96	6,177	4,139	0.67	2.11
24	20	7,384	4,061	0.55	1.87	7,100	3,905	0.55	2.00	6,674	3,671	0.55	2.15
24	22	7,952	3,419	0.43	1.91	7,668	3,297	0.43	2.05	7,242	3,114	0.43	2.18
26	16	6,319	5,498	0.87	1.78	6,035	5,250	0.87	1.91	5,751	5,003	0.87	2.06
26	18	6,816	5,112	0.75	1.82	6,603	4,952	0.75	1.96	6,177	4,633	0.75	2.11
26	20	7,384	4,652	0.63	1.87	7,100	4,473	0.63	2.00	6,674	4,205	0.63	2.15
26	22	7,952	4,056	0.51	1.91	7,668	3,911	0.51	2.05	7,242	3,693	0.51	2.18
27	16	6,319	5,750	0.91	1.78	6,035	5,492	0.91	1.91	5,751	5,233	0.91	2.06
27	18	6,816	5,385	0.79	1.82	6,603	5,216	0.79	1.96	6,177	4,880	0.79	2.11
27	20	7,384	4,947	0.67	1.87	7,100	4,757	0.67	2.00	6,674	4,472	0.67	2.15
27	22	7,952	4,374	0.55	1.91	7,668	4,217	0.55	2.05	7,242	3,983	0.55	2.18
28	16	6,319	6,003	0.95	1.78	6,035	5,733	0.95	1.91	5,751	5,463	0.95	2.06
28	18	6,816	5,657	0.83	1.82	6,603	5,480	0.83	1.96	6,177	5,127	0.83	2.11
28	20	7,384	5,243	0.71	1.87	7,100	5,041	0.71	2.00	6,674	4,739	0.71	2.15
28	22	7,952	4,692	0.59	1.91	7,668	4,524	0.59	2.05	7,242	4,273	0.59	2.18
30	16	6,319	6,319	1.00	1.78	6,035	6,035	1.00	1.91	5,751	5,751	1.00	2.06
30	18	6,816	6,203	0.91	1.82	6,603	6,009	0.91	1.96	6,177	5,621	0.91	2.11
30	20	7,384	5,833	0.79	1.87	7,100	5,609	0.79	2.00	6,674	5,272	0.79	2.15
30	22	7,952	5,328	0.67	1.91	7,668	5,138	0.67	2.05	7,242	4,852	0.67	2.18
32	16	6,319	6,319	1.00	1.78	6,035	6,035	1.00	1.91	5,751	5,751	1.00	2.06
32	18	6,816	6,748	0.99	1.82	6,603	6,537	0.99	1.96	6,177	6,115	0.99	2.11
32	20	7,384	6,424	0.87	1.87	7,100	6,177	0.87	2.00	6,674	5,806	0.87	2.15
32	22	7,952	5,964	0.75	1.91	7,668	5,751	0.75	2.05	7,242	5,432	0.75	2.18
34	16	6,319	6,319	1.00	1.78	6,035	6,035	1.00	1.91	5,751	5,751	1.00	2.06
34	18	6,816	6,816	1.00	1.82	6,603	6,603	1.00	1.96	6,177	6,177	1.00	2.11
34	20	7,384	7,015	0.95	1.87	7,100	6,745	0.95	2.00	6,674	6,340	0.95	2.15
34	22	7,952	6,600	0.83	1.91	7,668	6,364	0.83	2.05	7,242	6,011	0.83	2.18

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP35BA / SUZ-KA35VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,230	2,792	0.66	0.872	4,050	2,673	0.66	0.916	3,888	2,566	0.66	0.959	3,744	2,471	0.66	1.003
21	20	4,410	2,381	0.54	0.916	4,230	2,284	0.54	0.970	4,104	2,216	0.54	0.992	3,960	2,138	0.54	1.036
22	18	4,230	2,961	0.70	0.872	4,050	2,835	0.70	0.916	3,888	2,722	0.70	0.959	3,744	2,621	0.70	1.003
22	20	4,410	2,558	0.58	0.916	4,230	2,453	0.58	0.970	4,104	2,380	0.58	0.992	3,960	2,297	0.58	1.036
22	22	4,590	2,111	0.46	0.948	4,428	2,037	0.46	1.008	4,320	1,987	0.46	1.036	4,140	1,904	0.46	1.079
23	18	4,230	3,130	0.74	0.872	4,050	2,997	0.74	0.916	3,888	2,877	0.74	0.959	3,744	2,771	0.74	1.003
23	20	4,410	2,734	0.62	0.916	4,230	2,623	0.62	0.970	4,104	2,544	0.62	0.992	3,960	2,455	0.62	1.036
23	22	4,590	2,295	0.50	0.948	4,428	2,214	0.50	1.008	4,320	2,160	0.50	1.036	4,140	2,070	0.50	1.079
24	18	4,230	3,299	0.78	0.872	4,050	3,159	0.78	0.916	3,888	3,033	0.78	0.959	3,744	2,920	0.78	1.003
24	20	4,410	2,911	0.66	0.916	4,230	2,792	0.66	0.970	4,104	2,709	0.66	0.992	3,960	2,614	0.66	1.036
24	22	4,590	2,479	0.54	0.948	4,428	2,391	0.54	1.008	4,320	2,333	0.54	1.036	4,140	2,236	0.54	1.079
24	24	4,824	2,026	0.42	0.992	4,644	1,950	0.42	1.046	4,536	1,905	0.42	1.079	4,392	1,845	0.42	1.134
25	20	4,410	3,087	0.70	0.916	4,230	2,961	0.70	0.970	4,104	2,873	0.70	0.992	3,960	2,772	0.70	1.036
25	22	4,590	2,662	0.58	0.948	4,428	2,568	0.58	1.008	4,320	2,506	0.58	1.036	4,140	2,401	0.58	1.079
25	24	4,824	2,219	0.46	0.992	4,644	2,136	0.46	1.046	4,536	2,087	0.46	1.079	4,392	2,020	0.46	1.134
26	18	4,230	3,638	0.86	0.872	4,050	3,483	0.86	0.916	3,888	3,344	0.86	0.959	3,744	3,220	0.86	1.003
26	20	4,410	3,263	0.74	0.916	4,230	3,130	0.74	0.970	4,104	3,037	0.74	0.992	3,960	2,930	0.74	1.036
26	22	4,590	2,846	0.62	0.948	4,428	2,745	0.62	1.008	4,320	2,678	0.62	1.036	4,140	2,567	0.62	1.079
26	24	4,824	2,412	0.50	0.992	4,644	2,322	0.50	1.046	4,536	2,268	0.50	1.079	4,392	2,196	0.50	1.134
26	26	4,968	1,888	0.38	1.046	4,824	1,833	0.38	1.101	4,752	1,806	0.38	1.134	4,608	1,751	0.38	1.166
27	18	4,230	3,807	0.90	0.872	4,050	3,645	0.90	0.916	3,888	3,499	0.90	0.959	3,744	3,370	0.90	1.003
27	20	4,410	3,440	0.78	0.916	4,230	3,299	0.78	0.970	4,104	3,201	0.78	0.992	3,960	3,089	0.78	1.036
27	22	4,590	3,029	0.66	0.948	4,428	2,922	0.66	1.008	4,320	2,851	0.66	1.036	4,140	2,732	0.66	1.079
27	24	4,824	2,605	0.54	0.992	4,644	2,508	0.54	1.046	4,536	2,449	0.54	1.079	4,392	2,372	0.54	1.134
27	26	4,968	2,087	0.42	1.046	4,824	2,026	0.42	1.101	4,752	1,996	0.42	1.134	4,608	1,935	0.42	1.166
28	18	4,230	3,976	0.94	0.872	4,050	3,807	0.94	0.916	3,888	3,655	0.94	0.959	3,744	3,519	0.94	1.003
28	20	4,410	3,616	0.82	0.916	4,230	3,469	0.82	0.970	4,104	3,365	0.82	0.992	3,960	3,247	0.82	1.036
28	22	4,590	3,213	0.70	0.948	4,428	3,100	0.70	1.008	4,320	3,024	0.70	1.036	4,140	2,898	0.70	1.079
28	24	4,824	2,798	0.58	0.992	4,644	2,694	0.58	1.046	4,536	2,631	0.58	1.079	4,392	2,547	0.58	1.134
28	26	4,968	2,285	0.46	1.046	4,824	2,219	0.46	1.101	4,752	2,186	0.46	1.134	4,608	2,120	0.46	1.166
29	18	4,230	4,145	0.98	0.872	4,050	3,969	0.98	0.916	3,888	3,810	0.98	0.959	3,744	3,669	0.98	1.003
29	20	4,410	3,793	0.86	0.916	4,230	3,638	0.86	0.970	4,104	3,529	0.86	0.992	3,960	3,406	0.86	1.036
29	22	4,590	3,397	0.74	0.948	4,428	3,277	0.74	1.008	4,320	3,197	0.74	1.036	4,140	3,064	0.74	1.079
29	24	4,824	2,991	0.62	0.992	4,644	2,879	0.62	1.046	4,536	2,812	0.62	1.079	4,392	2,723	0.62	1.134
29	26	4,968	2,484	0.50	1.046	4,824	2,412	0.50	1.101	4,752	2,376	0.50	1.134	4,608	2,304	0.50	1.166
30	18	4,230	4,315	1.02	0.872	4,050	4,131	1.02	0.916	3,888	3,966	1.02	0.959	3,744	3,819	1.02	1.003
30	20	4,410	3,969	0.90	0.916	4,230	3,807	0.90	0.970	4,104	3,694	0.90	0.992	3,960	3,564	0.90	1.036
30	22	4,590	3,580	0.78	0.948	4,428	3,454	0.78	1.008	4,320	3,370	0.78	1.036	4,140	3,229	0.78	1.079
30	24	4,824	3,184	0.66	0.992	4,644	3,065	0.66	1.046	4,536	2,994	0.66	1.079	4,392	2,899	0.66	1.134
30	26	4,968	2,683	0.54	1.046	4,824	2,605	0.54	1.101	4,752	2,566	0.54	1.134	4,608	2,488	0.54	1.166
31	18	4,230	4,484	1.06	0.872	4,050	4,293	1.06	0.916	3,888	4,121	1.06	0.959	3,744	3,969	1.06	1.003
31	20	4,410	4,145	0.94	0.916	4,230	3,976	0.94	0.970	4,104	3,858	0.94	0.992	3,960	3,722	0.94	1.036
31	22	4,590	3,764	0.82	0.948	4,428	3,631	0.82	1.008	4,320	3,542	0.82	1.036	4,140	3,395	0.82	1.079
31	24	4,824	3,377	0.70	0.992	4,644	3,251	0.70	1.046	4,536	3,175	0.70	1.079	4,392	3,074	0.70	1.134
31	26	4,968	2,881	0.58	1.046	4,824	2,798	0.58	1.101	4,752	2,756	0.58	1.134	4,608	2,673	0.58	1.166
32	18	4,230	4,653	1.10	0.872	4,050	4,455	1.10	0.916	3,888	4,277	1.10	0.959	3,744	4,118	1.10	1.003
32	20	4,410	4,322	0.98	0.916	4,230	4,145	0.98	0.970	4,104	4,022	0.98	0.992	3,960	3,881	0.98	1.036
32	22	4,590	3,947	0.86	0.948	4,428	3,808	0.86	1.008	4,320	3,715	0.86	1.036	4,140	3,560	0.86	1.079
32	24	4,824	3,570	0.74	0.992	4,644	3,437	0.74	1.046	4,536	3,357	0.74	1.079	4,392	3,250	0.74	1.134
32	26	4,968	3,080	0.62	1.046	4,824	2,991	0.62	1.101	4,752	2,946	0.62	1.134	4,608	2,857	0.62	1.166

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP35BA / SUZ-KA35VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3,528	2,328	0.66	1.068	3,240	2,138	0.66	1.134	2,988	1,972	0.66	1.177
21	20	3,708	2,002	0.54	1.112	3,456	1,866	0.54	1.166	3,204	1,730	0.54	1.232
22	18	3,528	2,470	0.70	1.068	3,240	2,268	0.70	1.134	2,988	2,092	0.70	1.177
22	20	3,708	2,151	0.58	1.112	3,456	2,004	0.58	1.166	3,204	1,858	0.58	1.232
22	22	3,924	1,805	0.46	1.155	3,672	1,689	0.46	1.221	3,420	1,573	0.46	1.264
23	18	3,528	2,611	0.74	1.068	3,240	2,398	0.74	1.134	2,988	2,211	0.74	1.177
23	20	3,708	2,299	0.62	1.112	3,456	2,143	0.62	1.166	3,204	1,986	0.62	1.232
23	22	3,924	1,962	0.50	1.155	3,672	1,836	0.50	1.221	3,420	1,710	0.50	1.264
24	18	3,528	2,752	0.78	1.068	3,240	2,527	0.78	1.134	2,988	2,331	0.78	1.177
24	20	3,708	2,447	0.66	1.112	3,456	2,281	0.66	1.166	3,204	2,115	0.66	1.232
24	22	3,924	2,119	0.54	1.155	3,672	1,983	0.54	1.221	3,420	1,847	0.54	1.264
24	24	4,140	1,739	0.42	1.199	3,888	1,633	0.42	1.254	3,672	1,542	0.42	1.308
25	20	3,708	2,596	0.70	1.112	3,456	2,419	0.70	1.166	3,204	2,243	0.70	1.232
25	22	3,924	2,276	0.58	1.155	3,672	2,130	0.58	1.221	3,420	1,984	0.58	1.264
25	24	4,140	1,904	0.46	1.199	3,888	1,788	0.46	1.254	3,672	1,689	0.46	1.308
26	18	3,528	3,034	0.86	1.068	3,240	2,786	0.86	1.134	2,988	2,570	0.86	1.177
26	20	3,708	2,744	0.74	1.112	3,456	2,557	0.74	1.166	3,204	2,371	0.74	1.232
26	22	3,924	2,433	0.62	1.155	3,672	2,277	0.62	1.221	3,420	2,120	0.62	1.264
26	24	4,140	2,070	0.50	1.199	3,888	1,944	0.50	1.254	3,672	1,836	0.50	1.308
26	26	4,356	1,655	0.38	1.243	4,104	1,560	0.38	1.297	3,852	1,464	0.38	1.352
27	18	3,528	3,175	0.90	1.068	3,240	2,916	0.90	1.134	2,988	2,689	0.90	1.177
27	20	3,708	2,892	0.78	1.112	3,456	2,696	0.78	1.166	3,204	2,499	0.78	1.232
27	22	3,924	2,590	0.66	1.155	3,672	2,424	0.66	1.221	3,420	2,257	0.66	1.264
27	24	4,140	2,236	0.54	1.199	3,888	2,100	0.54	1.254	3,672	1,983	0.54	1.308
27	26	4,356	1,830	0.42	1.243	4,104	1,724	0.42	1.297	3,852	1,618	0.42	1.352
28	18	3,528	3,316	0.94	1.068	3,240	3,046	0.94	1.134	2,988	2,809	0.94	1.177
28	20	3,708	3,041	0.82	1.112	3,456	2,834	0.82	1.166	3,204	2,627	0.82	1.232
28	22	3,924	2,747	0.70	1.155	3,672	2,570	0.70	1.221	3,420	2,394	0.70	1.264
28	24	4,140	2,401	0.58	1.199	3,888	2,255	0.58	1.254	3,672	2,130	0.58	1.308
28	26	4,356	2,004	0.46	1.243	4,104	1,888	0.46	1.297	3,852	1,772	0.46	1.352
29	18	3,528	3,457	0.98	1.068	3,240	3,175	0.98	1.134	2,988	2,928	0.98	1.177
29	20	3,708	3,189	0.86	1.112	3,456	2,972	0.86	1.166	3,204	2,755	0.86	1.232
29	22	3,924	2,904	0.74	1.155	3,672	2,717	0.74	1.221	3,420	2,531	0.74	1.264
29	24	4,140	2,567	0.62	1.199	3,888	2,411	0.62	1.254	3,672	2,277	0.62	1.308
29	26	4,356	2,178	0.50	1.243	4,104	2,052	0.50	1.297	3,852	1,926	0.50	1.352
30	18	3,528	3,599	1.02	1.068	3,240	3,305	1.02	1.134	2,988	3,048	1.02	1.177
30	20	3,708	3,337	0.90	1.112	3,456	3,110	0.90	1.166	3,204	2,884	0.90	1.232
30	22	3,924	3,061	0.78	1.155	3,672	2,864	0.78	1.221	3,420	2,668	0.78	1.264
30	24	4,140	2,732	0.66	1.199	3,888	2,566	0.66	1.254	3,672	2,424	0.66	1.308
30	26	4,356	2,352	0.54	1.243	4,104	2,216	0.54	1.297	3,852	2,080	0.54	1.352
31	18	3,528	3,740	1.06	1.068	3,240	3,434	1.06	1.134	2,988	3,167	1.06	1.177
31	20	3,708	3,486	0.94	1.112	3,456	3,249	0.94	1.166	3,204	3,012	0.94	1.232
31	22	3,924	3,218	0.82	1.155	3,672	3,011	0.82	1.221	3,420	2,804	0.82	1.264
31	24	4,140	2,898	0.70	1.199	3,888	2,722	0.70	1.254	3,672	2,570	0.70	1.308
31	26	4,356	2,526	0.58	1.243	4,104	2,380	0.58	1.297	3,852	2,234	0.58	1.352
32	18	3,528	3,881	1.10	1.068	3,240	3,564	1.10	1.134	2,988	3,287	1.10	1.177
32	20	3,708	3,634	0.98	1.112	3,456	3,387	0.98	1.166	3,204	3,140	0.98	1.232
32	22	3,924	3,375	0.86	1.155	3,672	3,158	0.86	1.221	3,420	2,941	0.86	1.264
32	24	4,140	3,064	0.74	1.199	3,888	2,877	0.74	1.254	3,672	2,717	0.74	1.308
32	26	4,356	2,701	0.62	1.243	4,104	2,544	0.62	1.297	3,852	2,388	0.62	1.352

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP50BA / SUZ-KA50VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,463	4,071	0.63	1.328	6,188	3,898	0.63	1.394	5,940	3,742	0.63	1.461	5,720	3,604	0.63	1.527
21	20	6,738	3,436	0.51	1.394	6,463	3,296	0.51	1.477	6,270	3,198	0.51	1.511	6,050	3,086	0.51	1.577
22	18	6,463	4,330	0.67	1.328	6,188	4,146	0.67	1.394	5,940	3,980	0.67	1.461	5,720	3,832	0.67	1.527
22	20	6,738	3,706	0.55	1.394	6,463	3,554	0.55	1.477	6,270	3,449	0.55	1.511	6,050	3,328	0.55	1.577
22	22	7,013	3,015	0.43	1.444	6,765	2,909	0.43	1.536	6,600	2,838	0.43	1.577	6,325	2,720	0.43	1.643
23	18	6,463	4,588	0.71	1.328	6,188	4,393	0.71	1.394	5,940	4,217	0.71	1.461	5,720	4,061	0.71	1.527
23	20	6,738	3,975	0.59	1.394	6,463	3,813	0.59	1.477	6,270	3,699	0.59	1.511	6,050	3,570	0.59	1.577
23	22	7,013	3,296	0.47	1.444	6,765	3,180	0.47	1.536	6,600	3,102	0.47	1.577	6,325	2,973	0.47	1.643
24	18	6,463	4,847	0.75	1.328	6,188	4,641	0.75	1.394	5,940	4,455	0.75	1.461	5,720	4,290	0.75	1.527
24	20	6,738	4,245	0.63	1.394	6,463	4,071	0.63	1.477	6,270	3,950	0.63	1.511	6,050	3,812	0.63	1.577
24	22	7,013	3,576	0.51	1.444	6,765	3,450	0.51	1.536	6,600	3,366	0.51	1.577	6,325	3,226	0.51	1.643
24	24	7,370	2,874	0.39	1.511	7,095	2,767	0.39	1.594	6,930	2,703	0.39	1.643	6,710	2,617	0.39	1.726
25	20	6,738	4,514	0.67	1.394	6,463	4,330	0.67	1.477	6,270	4,201	0.67	1.511	6,050	4,054	0.67	1.577
25	22	7,013	3,857	0.55	1.444	6,765	3,721	0.55	1.536	6,600	3,630	0.55	1.577	6,325	3,479	0.55	1.643
25	24	7,370	3,169	0.43	1.511	7,095	3,051	0.43	1.594	6,930	2,980	0.43	1.643	6,710	2,885	0.43	1.726
26	18	6,463	5,364	0.83	1.328	6,188	5,136	0.83	1.394	5,940	4,930	0.83	1.461	5,720	4,748	0.83	1.527
26	20	6,738	4,784	0.71	1.394	6,463	4,588	0.71	1.477	6,270	4,452	0.71	1.511	6,050	4,296	0.71	1.577
26	22	7,013	4,137	0.59	1.444	6,765	3,991	0.59	1.536	6,600	3,894	0.59	1.577	6,325	3,732	0.59	1.643
26	24	7,370	3,464	0.47	1.511	7,095	3,335	0.47	1.594	6,930	3,257	0.47	1.643	6,710	3,154	0.47	1.726
26	26	7,590	2,657	0.35	1.594	7,370	2,580	0.35	1.677	7,260	2,541	0.35	1.726	7,040	2,464	0.35	1.776
27	18	6,463	5,622	0.87	1.328	6,188	5,383	0.87	1.394	5,940	5,168	0.87	1.461	5,720	4,976	0.87	1.527
27	20	6,738	5,053	0.75	1.394	6,463	4,847	0.75	1.477	6,270	4,703	0.75	1.511	6,050	4,538	0.75	1.577
27	22	7,013	4,418	0.63	1.444	6,765	4,262	0.63	1.536	6,600	4,158	0.63	1.577	6,325	3,985	0.63	1.643
27	24	7,370	3,759	0.51	1.511	7,095	3,618	0.51	1.594	6,930	3,534	0.51	1.643	6,710	3,422	0.51	1.726
27	26	7,590	2,960	0.39	1.594	7,370	2,874	0.39	1.677	7,260	2,831	0.39	1.726	7,040	2,746	0.39	1.776
28	18	6,463	5,881	0.91	1.328	6,188	5,631	0.91	1.394	5,940	5,405	0.91	1.461	5,720	5,205	0.91	1.527
28	20	6,738	5,323	0.79	1.394	6,463	5,105	0.79	1.477	6,270	4,953	0.79	1.511	6,050	4,780	0.79	1.577
28	22	7,013	4,698	0.67	1.444	6,765	4,533	0.67	1.536	6,600	4,422	0.67	1.577	6,325	4,238	0.67	1.643
28	24	7,370	4,054	0.55	1.511	7,095	3,902	0.55	1.594	6,930	3,812	0.55	1.643	6,710	3,691	0.55	1.726
28	26	7,590	3,264	0.43	1.594	7,370	3,169	0.43	1.677	7,260	3,122	0.43	1.726	7,040	3,027	0.43	1.776
29	18	6,463	6,139	0.95	1.328	6,188	5,878	0.95	1.394	5,940	5,643	0.95	1.461	5,720	5,434	0.95	1.527
29	20	6,738	5,592	0.83	1.394	6,463	5,364	0.83	1.477	6,270	5,204	0.83	1.511	6,050	5,022	0.83	1.577
29	22	7,013	4,979	0.71	1.444	6,765	4,803	0.71	1.536	6,600	4,686	0.71	1.577	6,325	4,491	0.71	1.643
29	24	7,370	4,348	0.59	1.511	7,095	4,186	0.59	1.594	6,930	4,089	0.59	1.643	6,710	3,959	0.59	1.726
29	26	7,590	3,567	0.47	1.594	7,370	3,464	0.47	1.677	7,260	3,412	0.47	1.726	7,040	3,309	0.47	1.776
30	18	6,463	6,398	0.99	1.328	6,188	6,126	0.99	1.394	5,940	5,881	0.99	1.461	5,720	5,663	0.99	1.527
30	20	6,738	5,862	0.87	1.394	6,463	5,622	0.87	1.477	6,270	5,455	0.87	1.511	6,050	5,264	0.87	1.577
30	22	7,013	5,259	0.75	1.444	6,765	5,074	0.75	1.536	6,600	4,950	0.75	1.577	6,325	4,744	0.75	1.643
30	24	7,370	4,643	0.63	1.511	7,095	4,470	0.63	1.594	6,930	4,366	0.63	1.643	6,710	4,227	0.63	1.726
30	26	7,590	3,871	0.51	1.594	7,370	3,759	0.51	1.677	7,260	3,703	0.51	1.726	7,040	3,590	0.51	1.776
31	18	6,463	6,656	1.03	1.328	6,188	6,373	1.03	1.394	5,940	6,118	1.03	1.461	5,720	5,892	1.03	1.527
31	20	6,738	6,131	0.91	1.394	6,463	5,881	0.91	1.477	6,270	5,706	0.91	1.511	6,050	5,506	0.91	1.577
31	22	7,013	5,540	0.79	1.444	6,765	5,344	0.79	1.536	6,600	5,214	0.79	1.577	6,325	4,997	0.79	1.643
31	24	7,370	4,938	0.67	1.511	7,095	4,754	0.67	1.594	6,930	4,643	0.67	1.643	6,710	4,496	0.67	1.726
31	26	7,590	4,175	0.55	1.594	7,370	4,054	0.55	1.677	7,260	3,993	0.55	1.726	7,040	3,872	0.55	1.776
32	18	6,463	6,915	1.07	1.328	6,188	6,621	1.07	1.394	5,940	6,356	1.07	1.461	5,720	6,120	1.07	1.527
32	20	6,738	6,401	0.95	1.394	6,463	6,139	0.95	1.477	6,270	5,957	0.95	1.511	6,050	5,748	0.95	1.577
32	22	7,013	5,820	0.83	1.444	6,765	5,615	0.83	1.536	6,600	5,478	0.83	1.577	6,325	5,250	0.83	1.643
32	24	7,370	5,233	0.71	1.511	7,095	5,037	0.71	1.594	6,930	4,920	0.71	1.643	6,710	4,764	0.71	1.726
32	26	7,590	4,478	0.59	1.594	7,370	4,348	0.59	1.677	7,260	4,283	0.59	1.726	7,040	4,154	0.59	1.776

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP50BA / SUZ-KA50VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,390	3,396	0.63	1.627	4,950	3,119	0.63	1.726	4,565	2,876	0.63	1.793
21	20	5,665	2,889	0.51	1.693	5,280	2,693	0.51	1.776	4,895	2,496	0.51	1.876
22	18	5,390	3,611	0.67	1.627	4,950	3,317	0.67	1.726	4,565	3,059	0.67	1.793
22	20	5,665	3,116	0.55	1.693	5,280	2,904	0.55	1.776	4,895	2,692	0.55	1.876
22	22	5,995	2,578	0.43	1.760	5,610	2,412	0.43	1.859	5,225	2,247	0.43	1.926
23	18	5,390	3,827	0.71	1.627	4,950	3,515	0.71	1.726	4,565	3,241	0.71	1.793
23	20	5,665	3,342	0.59	1.693	5,280	3,115	0.59	1.776	4,895	2,888	0.59	1.876
23	22	5,995	2,818	0.47	1.760	5,610	2,637	0.47	1.859	5,225	2,456	0.47	1.926
24	18	5,390	4,043	0.75	1.627	4,950	3,713	0.75	1.726	4,565	3,424	0.75	1.793
24	20	5,665	3,569	0.63	1.693	5,280	3,326	0.63	1.776	4,895	3,084	0.63	1.876
24	22	5,995	3,057	0.51	1.760	5,610	2,861	0.51	1.859	5,225	2,665	0.51	1.926
24	24	6,325	2,467	0.39	1.826	5,940	2,317	0.39	1.909	5,610	2,188	0.39	1.992
25	20	5,665	3,796	0.67	1.693	5,280	3,538	0.67	1.776	4,895	3,280	0.67	1.876
25	22	5,995	3,297	0.55	1.760	5,610	3,086	0.55	1.859	5,225	2,874	0.55	1.926
25	24	6,325	2,720	0.43	1.826	5,940	2,554	0.43	1.909	5,610	2,412	0.43	1.992
26	18	5,390	4,474	0.83	1.627	4,950	4,109	0.83	1.726	4,565	3,789	0.83	1.793
26	20	5,665	4,022	0.71	1.693	5,280	3,749	0.71	1.776	4,895	3,475	0.71	1.876
26	22	5,995	3,537	0.59	1.760	5,610	3,310	0.59	1.859	5,225	3,083	0.59	1.926
26	24	6,325	2,973	0.47	1.826	5,940	2,792	0.47	1.909	5,610	2,637	0.47	1.992
26	26	6,655	2,329	0.35	1.892	6,270	2,195	0.35	1.975	5,885	2,060	0.35	2.058
27	18	5,390	4,689	0.87	1.627	4,950	4,307	0.87	1.726	4,565	3,972	0.87	1.793
27	20	5,665	4,249	0.75	1.693	5,280	3,960	0.75	1.776	4,895	3,671	0.75	1.876
27	22	5,995	3,777	0.63	1.760	5,610	3,534	0.63	1.859	5,225	3,292	0.63	1.926
27	24	6,325	3,226	0.51	1.826	5,940	3,029	0.51	1.909	5,610	2,861	0.51	1.992
27	26	6,655	2,595	0.39	1.892	6,270	2,445	0.39	1.975	5,885	2,295	0.39	2.058
28	18	5,390	4,905	0.91	1.627	4,950	4,505	0.91	1.726	4,565	4,154	0.91	1.793
28	20	5,665	4,475	0.79	1.693	5,280	4,171	0.79	1.776	4,895	3,867	0.79	1.876
28	22	5,995	4,017	0.67	1.760	5,610	3,759	0.67	1.859	5,225	3,501	0.67	1.926
28	24	6,325	3,479	0.55	1.826	5,940	3,267	0.55	1.909	5,610	3,086	0.55	1.992
28	26	6,655	2,862	0.43	1.892	6,270	2,696	0.43	1.975	5,885	2,531	0.43	2.058
29	18	5,390	5,121	0.95	1.627	4,950	4,703	0.95	1.726	4,565	4,337	0.95	1.793
29	20	5,665	4,702	0.83	1.693	5,280	4,382	0.83	1.776	4,895	4,063	0.83	1.876
29	22	5,995	4,256	0.71	1.760	5,610	3,983	0.71	1.859	5,225	3,710	0.71	1.926
29	24	6,325	3,732	0.59	1.826	5,940	3,505	0.59	1.909	5,610	3,310	0.59	1.992
29	26	6,655	3,128	0.47	1.892	6,270	2,947	0.47	1.975	5,885	2,766	0.47	2.058
30	18	5,390	5,336	0.99	1.627	4,950	4,901	0.99	1.726	4,565	4,519	0.99	1.793
30	20	5,665	4,929	0.87	1.693	5,280	4,594	0.87	1.776	4,895	4,259	0.87	1.876
30	22	5,995	4,496	0.75	1.760	5,610	4,208	0.75	1.859	5,225	3,919	0.75	1.926
30	24	6,325	3,985	0.63	1.826	5,940	3,742	0.63	1.909	5,610	3,534	0.63	1.992
30	26	6,655	3,394	0.51	1.892	6,270	3,198	0.51	1.975	5,885	3,001	0.51	2.058
31	18	5,390	5,552	1.03	1.627	4,950	5,099	1.03	1.726	4,565	4,702	1.03	1.793
31	20	5,665	5,155	0.91	1.693	5,280	4,805	0.91	1.776	4,895	4,454	0.91	1.876
31	22	5,995	4,736	0.79	1.760	5,610	4,432	0.79	1.859	5,225	4,128	0.79	1.926
31	24	6,325	4,238	0.67	1.826	5,940	3,980	0.67	1.909	5,610	3,759	0.67	1.992
31	26	6,655	3,660	0.55	1.892	6,270	3,449	0.55	1.975	5,885	3,237	0.55	2.058
32	18	5,390	5,767	1.07	1.627	4,950	5,297	1.07	1.726	4,565	4,885	1.07	1.793
32	20	5,665	5,382	0.95	1.693	5,280	5,016	0.95	1.776	4,895	4,650	0.95	1.876
32	22	5,995	4,976	0.83	1.760	5,610	4,656	0.83	1.859	5,225	4,337	0.83	1.926
32	24	6,325	4,491	0.71	1.826	5,940	4,217	0.71	1.909	5,610	3,983	0.71	1.992
32	26	6,655	3,926	0.59	1.892	6,270	3,699	0.59	1.975	5,885	3,472	0.59	2.058

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP60BA / SUZ-KA60VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	7.168	4.157	0.58	1.520	6.863	3.980	0.58	1.596	6.588	3.821	0.58	1.672	6.344	3.680	0.58	1.748
21	20	7.473	3.437	0.46	1.596	7.168	3.297	0.46	1.691	6.954	3.199	0.46	1.729	6.710	3.087	0.46	1.805
22	18	7.168	4.444	0.62	1.520	6.863	4.255	0.62	1.596	6.588	4.085	0.62	1.672	6.344	3.933	0.62	1.748
22	20	7.473	3.736	0.50	1.596	7.168	3.584	0.50	1.691	6.954	3.477	0.50	1.729	6.710	3.355	0.50	1.805
22	22	7.778	2.955	0.38	1.653	7.503	2.851	0.38	1.758	7.320	2.782	0.38	1.805	7.015	2.666	0.38	1.881
23	18	7.168	4.731	0.66	1.520	6.863	4.529	0.66	1.596	6.588	4.348	0.66	1.672	6.344	4.187	0.66	1.748
23	20	7.473	4.035	0.54	1.596	7.168	3.870	0.54	1.691	6.954	3.755	0.54	1.729	6.710	3.623	0.54	1.805
23	22	7.778	3.267	0.42	1.653	7.503	3.151	0.42	1.758	7.320	3.074	0.42	1.805	7.015	2.946	0.42	1.881
24	18	7.168	5.017	0.70	1.520	6.863	4.804	0.70	1.596	6.588	4.612	0.70	1.672	6.344	4.441	0.70	1.748
24	20	7.473	4.334	0.58	1.596	7.168	4.157	0.58	1.691	6.954	4.033	0.58	1.729	6.710	3.892	0.58	1.805
24	22	7.778	3.578	0.46	1.653	7.503	3.451	0.46	1.758	7.320	3.367	0.46	1.805	7.015	3.227	0.46	1.881
24	24	8.174	2.779	0.34	1.729	7.869	2.675	0.34	1.824	7.686	2.613	0.34	1.881	7.442	2.530	0.34	1.976
25	20	7.473	4.633	0.62	1.596	7.168	4.444	0.62	1.691	6.954	4.311	0.62	1.729	6.710	4.160	0.62	1.805
25	22	7.778	3.889	0.50	1.653	7.503	3.752	0.50	1.758	7.320	3.660	0.50	1.805	7.015	3.508	0.50	1.881
25	24	8.174	3.106	0.38	1.729	7.869	2.990	0.38	1.824	7.686	2.921	0.38	1.881	7.442	2.828	0.38	1.976
26	18	7.168	5.591	0.78	1.520	6.863	5.353	0.78	1.596	6.588	5.139	0.78	1.672	6.344	4.948	0.78	1.748
26	20	7.473	4.932	0.66	1.596	7.168	4.731	0.66	1.691	6.954	4.590	0.66	1.729	6.710	4.429	0.66	1.805
26	22	7.778	4.200	0.54	1.653	7.503	4.052	0.54	1.758	7.320	3.953	0.54	1.805	7.015	3.788	0.54	1.881
26	24	8.174	3.433	0.42	1.729	7.869	3.305	0.42	1.824	7.686	3.228	0.42	1.881	7.442	3.126	0.42	1.976
26	26	8.418	2.525	0.30	1.824	8.174	2.452	0.30	1.919	8.052	2.416	0.30	1.976	7.808	2.342	0.30	2.033
27	18	7.168	5.877	0.82	1.520	6.863	5.627	0.82	1.596	6.588	5.402	0.82	1.672	6.344	5.202	0.82	1.748
27	20	7.473	5.231	0.70	1.596	7.168	5.017	0.70	1.691	6.954	4.868	0.70	1.729	6.710	4.697	0.70	1.805
27	22	7.778	4.511	0.58	1.653	7.503	4.352	0.58	1.758	7.320	4.246	0.58	1.805	7.015	4.069	0.58	1.881
27	24	8.174	3.760	0.46	1.729	7.869	3.620	0.46	1.824	7.686	3.536	0.46	1.881	7.442	3.423	0.46	1.976
27	26	8.418	2.862	0.34	1.824	8.174	2.779	0.34	1.919	8.052	2.738	0.34	1.976	7.808	2.655	0.34	2.033
28	18	7.168	6.164	0.86	1.520	6.863	5.902	0.86	1.596	6.588	5.666	0.86	1.672	6.344	5.456	0.86	1.748
28	20	7.473	5.530	0.74	1.596	7.168	5.304	0.74	1.691	6.954	5.146	0.74	1.729	6.710	4.965	0.74	1.805
28	22	7.778	4.822	0.62	1.653	7.503	4.652	0.62	1.758	7.320	4.538	0.62	1.805	7.015	4.349	0.62	1.881
28	24	8.174	4.087	0.50	1.729	7.869	3.935	0.50	1.824	7.686	3.843	0.50	1.881	7.442	3.721	0.50	1.976
28	26	8.418	3.199	0.38	1.824	8.174	3.106	0.38	1.919	8.052	3.060	0.38	1.976	7.808	2.967	0.38	2.033
29	18	7.168	6.451	0.90	1.520	6.863	6.176	0.90	1.596	6.588	5.929	0.90	1.672	6.344	5.710	0.90	1.748
29	20	7.473	5.829	0.78	1.596	7.168	5.591	0.78	1.691	6.954	5.424	0.78	1.729	6.710	5.234	0.78	1.805
29	22	7.778	5.133	0.66	1.653	7.503	4.952	0.66	1.758	7.320	4.831	0.66	1.805	7.015	4.630	0.66	1.881
29	24	8.174	4.414	0.54	1.729	7.869	4.249	0.54	1.824	7.686	4.150	0.54	1.881	7.442	4.019	0.54	1.976
29	26	8.418	3.536	0.42	1.824	8.174	3.433	0.42	1.919	8.052	3.382	0.42	1.976	7.808	3.279	0.42	2.033
30	18	7.168	6.737	0.94	1.520	6.863	6.451	0.94	1.596	6.588	6.193	0.94	1.672	6.344	5.963	0.94	1.748
30	20	7.473	6.127	0.82	1.596	7.168	5.877	0.82	1.691	6.954	5.702	0.82	1.729	6.710	5.502	0.82	1.805
30	22	7.778	5.444	0.70	1.653	7.503	5.252	0.70	1.758	7.320	5.124	0.70	1.805	7.015	4.911	0.70	1.881
30	24	8.174	4.741	0.58	1.729	7.869	4.564	0.58	1.824	7.686	4.458	0.58	1.881	7.442	4.316	0.58	1.976
30	26	8.418	3.872	0.46	1.824	8.174	3.760	0.46	1.919	8.052	3.704	0.46	1.976	7.808	3.592	0.46	2.033
31	18	7.168	7.024	0.98	1.520	6.863	6.725	0.98	1.596	6.588	6.456	0.98	1.672	6.344	6.217	0.98	1.748
31	20	7.473	6.426	0.86	1.596	7.168	6.164	0.86	1.691	6.954	5.980	0.86	1.729	6.710	5.771	0.86	1.805
31	22	7.778	5.755	0.74	1.653	7.503	5.552	0.74	1.758	7.320	5.417	0.74	1.805	7.015	5.191	0.74	1.881
31	24	8.174	5.068	0.62	1.729	7.869	4.879	0.62	1.824	7.686	4.765	0.62	1.881	7.442	4.614	0.62	1.976
31	26	8.418	4.209	0.50	1.824	8.174	4.087	0.50	1.919	8.052	4.026	0.50	1.976	7.808	3.904	0.50	2.033
32	18	7.168	7.311	1.02	1.520	6.863	7.000	1.02	1.596	6.588	6.720	1.02	1.672	6.344	6.471	1.02	1.748
32	20	7.473	6.725	0.90	1.596	7.168	6.451	0.90	1.691	6.954	6.259	0.90	1.729	6.710	6.039	0.90	1.805
32	22	7.778	6.066	0.78	1.653	7.503	5.852	0.78	1.758	7.320	5.710	0.78	1.805	7.015	5.472	0.78	1.881
32	24	8.174	5.395	0.66	1.729	7.869	5.194	0.66	1.824	7.686	5.073	0.66	1.881	7.442	4.912	0.66	1.976
32	26	8.418	4.546	0.54	1.824	8.174	4.414	0.54	1.919	8.052	4.348	0.54	1.976	7.808	4.216	0.54	2.033

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP60BA / SUZ-KA60VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5.978	3.467	0.58	1.862	5.490	3.184	0.58	1.976	5.063	2.937	0.58	2.052
21	20	6.283	2.890	0.46	1.938	5.856	2.694	0.46	2.033	5.429	2.497	0.46	2.147
22	18	5.978	3.706	0.62	1.862	5.490	3.404	0.62	1.976	5.063	3.139	0.62	2.052
22	20	6.283	3.142	0.50	1.938	5.856	2.928	0.50	2.033	5.429	2.715	0.50	2.147
22	22	6.649	2.527	0.38	2.014	6.222	2.364	0.38	2.128	5.795	2.202	0.38	2.204
23	18	5.978	3.945	0.66	1.862	5.490	3.623	0.66	1.976	5.063	3.342	0.66	2.052
23	20	6.283	3.393	0.54	1.938	5.856	3.162	0.54	2.033	5.429	2.932	0.54	2.147
23	22	6.649	2.793	0.42	2.014	6.222	2.613	0.42	2.128	5.795	2.434	0.42	2.204
24	18	5.978	4.185	0.70	1.862	5.490	3.843	0.70	1.976	5.063	3.544	0.70	2.052
24	20	6.283	3.644	0.58	1.938	5.856	3.396	0.58	2.033	5.429	3.149	0.58	2.147
24	22	6.649	3.059	0.46	2.014	6.222	2.862	0.46	2.128	5.795	2.666	0.46	2.204
24	24	7.015	2.385	0.34	2.090	6.588	2.240	0.34	2.185	6.222	2.115	0.34	2.280
25	20	6.283	3.895	0.62	1.938	5.856	3.631	0.62	2.033	5.429	3.366	0.62	2.147
25	22	6.649	3.325	0.50	2.014	6.222	3.111	0.50	2.128	5.795	2.898	0.50	2.204
25	24	7.015	2.666	0.38	2.090	6.588	2.503	0.38	2.185	6.222	2.364	0.38	2.280
26	18	5.978	4.663	0.78	1.862	5.490	4.282	0.78	1.976	5.063	3.949	0.78	2.052
26	20	6.283	4.147	0.66	1.938	5.856	3.865	0.66	2.033	5.429	3.583	0.66	2.147
26	22	6.649	3.590	0.54	2.014	6.222	3.360	0.54	2.128	5.795	3.129	0.54	2.204
26	24	7.015	2.946	0.42	2.090	6.588	2.767	0.42	2.185	6.222	2.613	0.42	2.280
26	26	7.381	2.214	0.30	2.166	6.954	2.086	0.30	2.261	6.527	1.958	0.30	2.356
27	18	5.978	4.902	0.82	1.862	5.490	4.502	0.82	1.976	5.063	4.152	0.82	2.052
27	20	6.283	4.398	0.70	1.938	5.856	4.099	0.70	2.033	5.429	3.800	0.70	2.147
27	22	6.649	3.856	0.58	2.014	6.222	3.609	0.58	2.128	5.795	3.361	0.58	2.204
27	24	7.015	3.227	0.46	2.090	6.588	3.030	0.46	2.185	6.222	2.862	0.46	2.280
27	26	7.381	2.510	0.34	2.166	6.954	2.364	0.34	2.261	6.527	2.219	0.34	2.356
28	18	5.978	5.141	0.86	1.862	5.490	4.721	0.86	1.976	5.063	4.354	0.86	2.052
28	20	6.283	4.649	0.74	1.938	5.856	4.333	0.74	2.033	5.429	4.017	0.74	2.147
28	22	6.649	4.122	0.62	2.014	6.222	3.858	0.62	2.128	5.795	3.593	0.62	2.204
28	24	7.015	3.508	0.50	2.090	6.588	3.294	0.50	2.185	6.222	3.111	0.50	2.280
28	26	7.381	2.805	0.38	2.166	6.954	2.643	0.38	2.261	6.527	2.480	0.38	2.356
29	18	5.978	5.380	0.90	1.862	5.490	4.941	0.90	1.976	5.063	4.557	0.90	2.052
29	20	6.283	4.901	0.78	1.938	5.856	4.568	0.78	2.033	5.429	4.235	0.78	2.147
29	22	6.649	4.388	0.66	2.014	6.222	4.107	0.66	2.128	5.795	3.825	0.66	2.204
29	24	7.015	3.788	0.54	2.090	6.588	3.558	0.54	2.185	6.222	3.360	0.54	2.280
29	26	7.381	3.100	0.42	2.166	6.954	2.921	0.42	2.261	6.527	2.741	0.42	2.356
30	18	5.978	5.619	0.94	1.862	5.490	5.161	0.94	1.976	5.063	4.759	0.94	2.052
30	20	6.283	5.152	0.82	1.938	5.856	4.802	0.82	2.033	5.429	4.452	0.82	2.147
30	22	6.649	4.654	0.70	2.014	6.222	4.355	0.70	2.128	5.795	4.057	0.70	2.204
30	24	7.015	4.069	0.58	2.090	6.588	3.821	0.58	2.185	6.222	3.609	0.58	2.280
30	26	7.381	3.395	0.46	2.166	6.954	3.199	0.46	2.261	6.527	3.002	0.46	2.356
31	18	5.978	5.858	0.98	1.862	5.490	5.380	0.98	1.976	5.063	4.962	0.98	2.052
31	20	6.283	5.403	0.86	1.938	5.856	5.036	0.86	2.033	5.429	4.669	0.86	2.147
31	22	6.649	4.920	0.74	2.014	6.222	4.604	0.74	2.128	5.795	4.288	0.74	2.204
31	24	7.015	4.349	0.62	2.090	6.588	4.085	0.62	2.185	6.222	3.858	0.62	2.280
31	26	7.381	3.691	0.50	2.166	6.954	3.477	0.50	2.261	6.527	3.264	0.50	2.356
32	18	5.978	6.098	1.02	1.862	5.490	5.600	1.02	1.976	5.063	5.164	1.02	2.052
32	20	6.283	5.655	0.90	1.938	5.856	5.270	0.90	2.033	5.429	4.886	0.90	2.147
32	22	6.649	5.186	0.78	2.014	6.222	4.853	0.78	2.128	5.795	4.520	0.78	2.204
32	24	7.015	4.630	0.66	2.090	6.588	4.348	0.66	2.185	6.222	4.107	0.66	2.280
32	26	7.381	3.986	0.54	2.166	6.954	3.755	0.54	2.261	6.527	3.525	0.54	2.356

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP71BA / SUZ-KA71VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	4,588	0.55	1.680	7,988	4,393	0.55	1.764	7,668	4,217	0.55	1.848	7,384	4,061	0.55	1.932
21	20	8,698	3,740	0.43	1.764	8,343	3,587	0.43	1.869	8,094	3,480	0.43	1.911	7,810	3,358	0.43	1.995
22	18	8,343	4,922	0.59	1.680	7,988	4,713	0.59	1.764	7,668	4,524	0.59	1.848	7,384	4,357	0.59	1.932
22	20	8,698	4,088	0.47	1.764	8,343	3,921	0.47	1.869	8,094	3,804	0.47	1.911	7,810	3,671	0.47	1.995
22	22	9,053	3,168	0.35	1.827	8,733	3,057	0.35	1.943	8,520	2,982	0.35	1.995	8,165	2,858	0.35	2.079
23	18	8,343	5,256	0.63	1.680	7,988	5,032	0.63	1.764	7,668	4,831	0.63	1.848	7,384	4,652	0.63	1.932
23	20	8,698	4,436	0.51	1.764	8,343	4,255	0.51	1.869	8,094	4,128	0.51	1.911	7,810	3,983	0.51	1.995
23	22	9,053	3,530	0.39	1.827	8,733	3,406	0.39	1.943	8,520	3,323	0.39	1.995	8,165	3,184	0.39	2.079
24	18	8,343	5,589	0.67	1.680	7,988	5,352	0.67	1.764	7,668	5,138	0.67	1.848	7,384	4,947	0.67	1.932
24	20	8,698	4,784	0.55	1.764	8,343	4,588	0.55	1.869	8,094	4,452	0.55	1.911	7,810	4,296	0.55	1.995
24	22	9,053	3,893	0.43	1.827	8,733	3,755	0.43	1.943	8,520	3,664	0.43	1.995	8,165	3,511	0.43	2.079
24	24	9,514	2,949	0.31	1.911	9,159	2,839	0.31	2.016	8,946	2,773	0.31	2.079	8,662	2,685	0.31	2.184
25	20	8,698	5,132	0.59	1.764	8,343	4,922	0.59	1.869	8,094	4,775	0.59	1.911	7,810	4,608	0.59	1.995
25	22	9,053	4,255	0.47	1.827	8,733	4,105	0.47	1.943	8,520	4,004	0.47	1.995	8,165	3,838	0.47	2.079
25	24	9,514	3,330	0.35	1.911	9,159	3,206	0.35	2.016	8,946	3,131	0.35	2.079	8,662	3,032	0.35	2.184
26	18	8,343	6,257	0.75	1.680	7,988	5,991	0.75	1.764	7,668	5,751	0.75	1.848	7,384	5,538	0.75	1.932
26	20	8,698	5,479	0.63	1.764	8,343	5,256	0.63	1.869	8,094	5,099	0.63	1.911	7,810	4,920	0.63	1.995
26	22	9,053	4,617	0.51	1.827	8,733	4,454	0.51	1.943	8,520	4,345	0.51	1.995	8,165	4,164	0.51	2.079
26	24	9,514	3,710	0.39	1.911	9,159	3,572	0.39	2.016	8,946	3,489	0.39	2.079	8,662	3,378	0.39	2.184
26	26	9,798	2,645	0.27	2.016	9,514	2,569	0.27	2.121	9,372	2,530	0.27	2.184	9,088	2,454	0.27	2.247
27	18	8,343	6,591	0.79	1.680	7,988	6,310	0.79	1.764	7,668	6,058	0.79	1.848	7,384	5,833	0.79	1.932
27	20	8,698	5,827	0.67	1.764	8,343	5,589	0.67	1.869	8,094	5,423	0.67	1.911	7,810	5,233	0.67	1.995
27	22	9,053	4,979	0.55	1.827	8,733	4,803	0.55	1.943	8,520	4,686	0.55	1.995	8,165	4,491	0.55	2.079
27	24	9,514	4,091	0.43	1.911	9,159	3,938	0.43	2.016	8,946	3,847	0.43	2.079	8,662	3,725	0.43	2.184
27	26	9,798	3,037	0.31	2.016	9,514	2,949	0.31	2.121	9,372	2,905	0.31	2.184	9,088	2,817	0.31	2.247
28	18	8,343	6,924	0.83	1.680	7,988	6,630	0.83	1.764	7,668	6,364	0.83	1.848	7,384	6,129	0.83	1.932
28	20	8,698	6,175	0.71	1.764	8,343	5,923	0.71	1.869	8,094	5,747	0.71	1.911	7,810	5,545	0.71	1.995
28	22	9,053	5,341	0.59	1.827	8,733	5,152	0.59	1.943	8,520	5,027	0.59	1.995	8,165	4,817	0.59	2.079
28	24	9,514	4,472	0.47	1.911	9,159	4,305	0.47	2.016	8,946	4,205	0.47	2.079	8,662	4,071	0.47	2.184
28	26	9,798	3,429	0.35	2.016	9,514	3,330	0.35	2.121	9,372	3,280	0.35	2.184	9,088	3,181	0.35	2.247
29	18	8,343	7,258	0.87	1.680	7,988	6,949	0.87	1.764	7,668	6,671	0.87	1.848	7,384	6,424	0.87	1.932
29	20	8,698	6,523	0.75	1.764	8,343	6,257	0.75	1.869	8,094	6,071	0.75	1.911	7,810	5,858	0.75	1.995
29	22	9,053	5,703	0.63	1.827	8,733	5,502	0.63	1.943	8,520	5,368	0.63	1.995	8,165	5,144	0.63	2.079
29	24	9,514	4,852	0.51	1.911	9,159	4,671	0.51	2.016	8,946	4,562	0.51	2.079	8,662	4,418	0.51	2.184
29	26	9,798	3,821	0.39	2.016	9,514	3,710	0.39	2.121	9,372	3,655	0.39	2.184	9,088	3,544	0.39	2.247
30	18	8,343	7,592	0.91	1.680	7,988	7,269	0.91	1.764	7,668	6,978	0.91	1.848	7,384	6,719	0.91	1.932
30	20	8,698	6,871	0.79	1.764	8,343	6,591	0.79	1.869	8,094	6,394	0.79	1.911	7,810	6,170	0.79	1.995
30	22	9,053	6,065	0.67	1.827	8,733	5,851	0.67	1.943	8,520	5,708	0.67	1.995	8,165	5,471	0.67	2.079
30	24	9,514	5,233	0.55	1.911	9,159	5,037	0.55	2.016	8,946	4,920	0.55	2.079	8,662	4,764	0.55	2.184
30	26	9,798	4,213	0.43	2.016	9,514	4,091	0.43	2.121	9,372	4,030	0.43	2.184	9,088	3,908	0.43	2.247
31	18	8,343	7,925	0.95	1.680	7,988	7,588	0.95	1.764	7,668	7,285	0.95	1.848	7,384	7,015	0.95	1.932
31	20	8,698	7,219	0.83	1.764	8,343	6,924	0.83	1.869	8,094	6,718	0.83	1.911	7,810	6,482	0.83	1.995
31	22	9,053	6,427	0.71	1.827	8,733	6,200	0.71	1.943	8,520	6,049	0.71	1.995	8,165	5,797	0.71	2.079
31	24	9,514	5,613	0.59	1.911	9,159	5,404	0.59	2.016	8,946	5,278	0.59	2.079	8,662	5,111	0.59	2.184
31	26	9,798	4,605	0.47	2.016	9,514	4,472	0.47	2.121	9,372	4,405	0.47	2.184	9,088	4,271	0.47	2.247
32	18	8,343	8,259	0.99	1.680	7,988	7,908	0.99	1.764	7,668	7,591	0.99	1.848	7,384	7,310	0.99	1.932
32	20	8,698	7,567	0.87	1.764	8,343	7,258	0.87	1.869	8,094	7,042	0.87	1.911	7,810	6,795	0.87	1.995
32	22	9,053	6,789	0.75	1.827	8,733	6,550	0.75	1.943	8,520	6,390	0.75	1.995	8,165	6,124	0.75	2.079
32	24	9,514	5,994	0.63	1.911	9,159	5,770	0.63	2.016	8,946	5,636	0.63	2.079	8,662	5,457	0.63	2.184
32	26	9,798	4,997	0.51	2.016	9,514	4,852	0.51	2.121	9,372	4,780	0.51	2.184	9,088	4,635	0.51	2.247

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP71BA / SUZ-KA71VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	3,827	0.55	2.058	6,390	3,515	0.55	2.184	5,893	3,241	0.55	2.268
21	20	7,313	3,145	0.43	2.142	6,816	2,931	0.43	2.247	6,319	2,717	0.43	2.373
22	18	6,958	4,105	0.59	2.058	6,390	3,770	0.59	2.184	5,893	3,477	0.59	2.268
22	20	7,313	3,437	0.47	2.142	6,816	3,204	0.47	2.247	6,319	2,970	0.47	2.373
22	22	7,739	2,709	0.35	2.226	7,242	2,535	0.35	2.352	6,745	2,361	0.35	2.436
23	18	6,958	4,384	0.63	2.058	6,390	4,026	0.63	2.184	5,893	3,713	0.63	2.268
23	20	7,313	3,730	0.51	2.142	6,816	3,476	0.51	2.247	6,319	3,223	0.51	2.373
23	22	7,739	3,018	0.39	2.226	7,242	2,824	0.39	2.352	6,745	2,631	0.39	2.436
24	18	6,958	4,662	0.67	2.058	6,390	4,281	0.67	2.184	5,893	3,948	0.67	2.268
24	20	7,313	4,022	0.55	2.142	6,816	3,749	0.55	2.247	6,319	3,475	0.55	2.373
24	22	7,739	3,328	0.43	2.226	7,242	3,114	0.43	2.352	6,745	2,900	0.43	2.436
24	24	8,165	2,531	0.31	2.310	7,668	2,377	0.31	2.415	7,242	2,245	0.31	2.520
25	20	7,313	4,315	0.59	2.142	6,816	4,021	0.59	2.247	6,319	3,728	0.59	2.373
25	22	7,739	3,637	0.47	2.226	7,242	3,404	0.47	2.352	6,745	3,170	0.47	2.436
25	24	8,165	2,858	0.35	2.310	7,668	2,684	0.35	2.415	7,242	2,535	0.35	2.520
26	18	6,958	5,219	0.75	2.058	6,390	4,793	0.75	2.184	5,893	4,420	0.75	2.268
26	20	7,313	4,607	0.63	2.142	6,816	4,294	0.63	2.247	6,319	3,981	0.63	2.373
26	22	7,739	3,947	0.51	2.226	7,242	3,693	0.51	2.352	6,745	3,440	0.51	2.436
26	24	8,165	3,184	0.39	2.310	7,668	2,991	0.39	2.415	7,242	2,824	0.39	2.520
26	26	8,591	2,320	0.27	2.394	8,094	2,185	0.27	2.499	7,597	2,051	0.27	2.604
27	18	6,958	5,497	0.79	2.058	6,390	5,048	0.79	2.184	5,893	4,655	0.79	2.268
27	20	7,313	4,900	0.67	2.142	6,816	4,567	0.67	2.247	6,319	4,234	0.67	2.373
27	22	7,739	4,256	0.55	2.226	7,242	3,983	0.55	2.352	6,745	3,710	0.55	2.436
27	24	8,165	3,511	0.43	2.310	7,668	3,297	0.43	2.415	7,242	3,114	0.43	2.520
27	26	8,591	2,663	0.31	2.394	8,094	2,509	0.31	2.499	7,597	2,355	0.31	2.604
28	18	6,958	5,775	0.83	2.058	6,390	5,304	0.83	2.184	5,893	4,891	0.83	2.268
28	20	7,313	5,192	0.71	2.142	6,816	4,839	0.71	2.247	6,319	4,486	0.71	2.373
28	22	7,739	4,566	0.59	2.226	7,242	4,273	0.59	2.352	6,745	3,980	0.59	2.436
28	24	8,165	3,838	0.47	2.310	7,668	3,604	0.47	2.415	7,242	3,404	0.47	2.520
28	26	8,591	3,007	0.35	2.394	8,094	2,833	0.35	2.499	7,597	2,659	0.35	2.604
29	18	6,958	6,053	0.87	2.058	6,390	5,559	0.87	2.184	5,893	5,127	0.87	2.268
29	20	7,313	5,485	0.75	2.142	6,816	5,112	0.75	2.247	6,319	4,739	0.75	2.373
29	22	7,739	4,876	0.63	2.226	7,242	4,562	0.63	2.352	6,745	4,249	0.63	2.436
29	24	8,165	4,164	0.51	2.310	7,668	3,911	0.51	2.415	7,242	3,693	0.51	2.520
29	26	8,591	3,350	0.39	2.394	8,094	3,157	0.39	2.499	7,597	2,963	0.39	2.604
30	18	6,958	6,332	0.91	2.058	6,390	5,815	0.91	2.184	5,893	5,363	0.91	2.268
30	20	7,313	5,777	0.79	2.142	6,816	5,385	0.79	2.247	6,319	4,992	0.79	2.373
30	22	7,739	5,185	0.67	2.226	7,242	4,852	0.67	2.352	6,745	4,519	0.67	2.436
30	24	8,165	4,491	0.55	2.310	7,668	4,217	0.55	2.415	7,242	3,983	0.55	2.520
30	26	8,591	3,694	0.43	2.394	8,094	3,480	0.43	2.499	7,597	3,267	0.43	2.604
31	18	6,958	6,610	0.95	2.058	6,390	6,071	0.95	2.184	5,893	5,598	0.95	2.268
31	20	7,313	6,070	0.83	2.142	6,816	5,657	0.83	2.247	6,319	5,245	0.83	2.373
31	22	7,739	5,495	0.71	2.226	7,242	5,142	0.71	2.352	6,745	4,789	0.71	2.436
31	24	8,165	4,817	0.59	2.310	7,668	4,524	0.59	2.415	7,242	4,273	0.59	2.520
31	26	8,591	4,038	0.47	2.394	8,094	3,804	0.47	2.499	7,597	3,571	0.47	2.604
32	18	6,958	6,888	0.99	2.058	6,390	6,326	0.99	2.184	5,893	5,834	0.99	2.268
32	20	7,313	6,362	0.87	2.142	6,816	5,930	0.87	2.247	6,319	5,498	0.87	2.373
32	22	7,739	5,804	0.75	2.226	7,242	5,432	0.75	2.352	6,745	5,059	0.75	2.436
32	24	8,165	5,144	0.63	2.310	7,668	4,831	0.63	2.415	7,242	4,562	0.63	2.520
32	26	8,591	4,381	0.51	2.394	8,094	4,128	0.51	2.499	7,597	3,874	0.51	2.604

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP100BA / PUHZ-P100VHA4, PUHZ-P100YHA2

(230V)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 20 CA	SHC	SHF	P.C.	25 CA	SHC	SHF	P.C.	30 CA	SHC	SHF	P.C.
20	16	9,306	5,956	0.64	2.50	9,024	5,775	0.64	2.64	8,742	5,595	0.64	2.79
20	18	9,964	5,181	0.52	2.54	9,682	5,035	0.52	2.68	9,353	4,864	0.52	2.87
20	20	10,716	4,286	0.40	2.62	10,481	4,192	0.40	2.75	10,199	4,080	0.40	2.93
22	16	9,306	6,700	0.72	2.50	9,024	6,497	0.72	2.64	8,742	6,294	0.72	2.79
22	18	9,964	5,978	0.60	2.54	9,682	5,809	0.60	2.68	9,353	5,612	0.60	2.87
22	20	10,716	5,144	0.48	2.62	10,481	5,031	0.48	2.75	10,199	4,896	0.48	2.93
24	16	9,306	7,445	0.80	2.50	9,024	7,219	0.80	2.64	8,742	6,994	0.80	2.79
24	18	9,964	6,776	0.68	2.54	9,682	6,584	0.68	2.68	9,353	6,360	0.68	2.87
24	20	10,716	6,001	0.56	2.62	10,481	5,869	0.56	2.75	10,199	5,711	0.56	2.93
24	22	11,421	5,024	0.44	2.68	11,186	4,922	0.44	2.84	10,904	4,798	0.44	3.03
26	16	9,306	8,189	0.88	2.50	9,024	7,941	0.88	2.64	8,742	7,693	0.88	2.79
26	18	9,964	7,573	0.76	2.54	9,682	7,358	0.76	2.68	9,353	7,108	0.76	2.87
26	20	10,716	6,858	0.64	2.62	10,481	6,708	0.64	2.75	10,199	6,527	0.64	2.93
26	22	11,421	5,939	0.52	2.68	11,186	5,817	0.52	2.84	10,904	5,670	0.52	3.03
27	16	9,306	8,562	0.92	2.50	9,024	8,302	0.92	2.64	8,742	8,043	0.92	2.79
27	18	9,964	7,971	0.80	2.54	9,682	7,746	0.80	2.68	9,353	7,482	0.80	2.87
27	20	10,716	7,287	0.68	2.62	10,481	7,127	0.68	2.75	10,199	6,935	0.68	2.93
27	22	11,421	6,396	0.56	2.68	11,186	6,264	0.56	2.84	10,904	6,106	0.56	3.03
28	16	9,306	8,934	0.96	2.50	9,024	8,663	0.96	2.64	8,742	8,392	0.96	2.79
28	18	9,964	8,370	0.84	2.54	9,682	8,133	0.84	2.68	9,353	7,857	0.84	2.87
28	20	10,716	7,716	0.72	2.62	10,481	7,546	0.72	2.75	10,199	7,343	0.72	2.93
28	22	11,421	6,853	0.60	2.68	11,186	6,712	0.60	2.84	10,904	6,542	0.60	3.03
30	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
30	18	9,964	9,167	0.92	2.54	9,682	9,682	0.92	2.68	9,353	8,605	0.92	2.87
30	20	10,716	8,573	0.80	2.62	10,481	10,481	0.80	2.75	10,199	8,159	0.80	2.93
30	22	11,421	7,766	0.68	2.68	11,186	11,186	0.68	2.84	10,904	7,415	0.68	3.03
32	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
32	18	9,964	9,964	1.00	2.54	9,682	6,982	1.00	2.68	9,353	9,353	1.00	2.87
32	20	10,716	9,430	0.88	2.62	10,481	9,223	0.88	2.75	10,199	8,975	0.88	2.93
32	22	11,421	8,680	0.76	2.68	11,186	8,501	0.76	2.84	10,904	8,287	0.76	3.03
34	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
34	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
34	20	10,716	10,287	0.96	2.62	10,481	10,062	0.96	2.75	10,199	9,791	0.96	2.93
34	22	11,421	9,594	0.84	2.68	11,186	9,396	0.84	2.84	10,904	9,159	0.84	3.03

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 35 CA	SHC	SHF	P.C.	40 CA	SHC	SHF	P.C.	45 CA	SHC	SHF	P.C.
20	16	8,366	5,354	0.64	3.00	7,990	5,114	0.64	3.21	7,614	4,873	0.64	3.48
20	18	9,024	4,692	0.52	3.07	8,742	4,546	0.52	3.31	7,178	4,253	0.52	3.56
20	20	9,776	3,910	0.40	3.15	9,400	3,760	0.40	3.37	8,836	3,534	0.40	3.62
22	16	8,366	6,024	0.72	3.00	7,990	5,753	0.72	3.21	7,614	5,482	0.72	3.48
22	18	9,024	5,414	0.60	3.07	8,742	5,245	0.60	3.31	7,178	4,907	0.60	3.56
22	20	9,776	4,692	0.48	3.15	9,400	4,512	0.48	3.37	8,836	4,241	0.48	3.62
24	16	8,366	6,693	0.80	3.00	7,990	6,392	0.80	3.21	7,614	6,091	0.80	3.48
24	18	9,024	6,136	0.68	3.07	8,742	5,945	0.68	3.31	7,178	5,561	0.68	3.56
24	20	9,776	5,475	0.56	3.15	9,400	5,264	0.56	3.37	8,836	4,948	0.56	3.62
24	22	10,528	4,632	0.44	3.21	10,152	4,467	0.44	3.46	9,588	4,219	0.44	3.68
26	16	8,366	7,362	0.88	3.00	7,990	7,031	0.88	3.21	7,614	6,700	0.88	3.48
26	18	9,024	6,858	0.76	3.07	8,742	6,644	0.76	3.31	7,178	6,215	0.76	3.56
26	20	9,776	6,257	0.64	3.15	9,400	6,016	0.64	3.37	8,836	5,655	0.64	3.62
26	22	10,528	5,475	0.52	3.21	10,152	5,279	0.52	3.46	9,588	4,986	0.52	3.68
27	16	8,366	7,697	0.92	3.00	7,990	7,351	0.92	3.21	7,614	7,005	0.92	3.48
27	18	9,024	7,219	0.80	3.07	8,742	6,994	0.80	3.31	7,178	6,542	0.80	3.56
27	20	9,776	6,648	0.68	3.15	9,400	6,392	0.68	3.37	8,836	6,008	0.68	3.62
27	22	10,528	5,896	0.56	3.21	10,152	5,685	0.56	3.46	9,588	5,369	0.56	3.68
28	16	8,366	8,031	0.96	3.00	7,990	7,670	0.96	3.21	7,614	7,309	0.96	3.48
28	18	9,024	7,580	0.84	3.07	8,742	7,343	0.84	3.31	7,178	6,870	0.84	3.56
28	20	9,776	7,039	0.72	3.15	9,400	6,768	0.72	3.37	8,836	6,362	0.72	3.62
28	22	10,528	6,317	0.60	3.21	10,152	6,091	0.60	3.46	9,588	5,753	0.60	3.68
30	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
30	18	9,024	8,302	0.92	3.07	8,742	8,043	0.92	3.31	7,178	7,524	0.92	3.56
30	20	9,776	7,821	0.80	3.15	9,400	7,520	0.80	3.37	8,836	7,069	0.80	3.62
30	22	10,528	7,159	0.68	3.21	10,152	6,903	0.68	3.46	9,588	6,520	0.68	3.68
32	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
32	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	7,178	8,178	1.00	3.56
32	20	9,776	8,603	0.88	3.15	9,400	8,272	0.88	3.37	8,836	7,776	0.88	3.62
32	22	10,528	8,001	0.76	3.21	10,152	7,716	0.76	3.46	9,588	7,287	0.76	3.68
34	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
34	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	7,178	8,178	1.00	3.56
34	20	9,776	9,385	0.96	3.15	9,400	9,024	0.96	3.37	8,836	8,483	0.96	3.62
34	22	10,528	8,844	0.84	3.21	10,152	8,528	0.84	3.46	9,588	8,054	0.84	3.68

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY

PLA-RP125BA / PUHZ-P125VHA3, PUHZ-P125YHA

(230V)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 20 CA	20 SHC	20 SHF	20 P.C.	25 CA	25 SHC	25 SHF	25 P.C.	30 CA	30 SHC	30 SHF	30 P.C.
20	16	12,177	7,428	0.61	3.27	11,808	7,203	0.61	3.46	11,439	6,978	0.61	3.66
20	18	13,038	6,389	0.49	3.33	12,669	6,208	0.49	3.52	12,239	5,997	0.49	3.76
20	20	14,022	5,188	0.37	3.44	13,715	5,074	0.37	3.60	13,346	4,938	0.37	3.84
22	16	12,177	8,402	0.69	3.27	11,808	8,148	0.69	3.46	11,439	7,893	0.69	3.66
22	18	13,038	7,432	0.57	3.33	12,669	7,221	0.57	3.52	12,239	6,976	0.57	3.76
22	20	14,022	6,310	0.45	3.44	13,715	6,172	0.45	3.60	13,346	6,005	0.45	3.84
24	16	12,177	9,376	0.77	3.27	11,808	9,092	0.77	3.46	11,439	8,808	0.77	3.66
24	18	13,038	8,475	0.65	3.33	12,669	8,235	0.65	3.52	12,239	7,955	0.65	3.76
24	20	14,022	7,432	0.53	3.44	13,715	7,269	0.53	3.60	13,346	7,073	0.53	3.84
24	22	14,945	6,127	0.41	3.52	14,637	6,001	0.41	3.72	14,268	5,850	0.41	3.97
26	16	12,177	10,350	0.85	3.27	11,808	10,037	0.85	3.46	11,439	9,723	0.85	3.66
26	18	13,038	9,518	0.73	3.33	12,669	9,248	0.73	3.52	12,239	8,934	0.73	3.76
26	20	14,022	8,553	0.61	3.44	13,715	8,366	0.61	3.60	13,346	8,141	0.61	3.84
26	22	14,945	7,323	0.49	3.52	14,637	7,172	0.49	3.72	14,268	6,991	0.49	3.97
27	16	12,177	10,838	0.89	3.27	11,808	10,509	0.89	3.46	11,439	10,181	0.89	3.66
27	18	13,038	10,039	0.77	3.33	12,669	9,755	0.77	3.52	12,239	9,424	0.77	3.76
27	20	14,022	9,114	0.65	3.44	13,715	8,914	0.65	3.60	13,346	8,675	0.65	3.84
27	22	14,945	7,921	0.53	3.52	14,637	7,758	0.53	3.72	14,268	7,562	0.53	3.97
28	16	12,177	11,325	0.93	3.27	11,808	10,981	0.93	3.46	11,439	10,638	0.93	3.66
28	18	13,038	10,561	0.81	3.33	12,669	10,262	0.81	3.52	12,239	9,913	0.81	3.76
28	20	14,022	9,675	0.69	3.44	13,715	9,463	0.69	3.60	13,346	9,208	0.69	3.84
28	22	14,945	8,518	0.57	3.52	14,637	8,343	0.57	3.72	14,268	8,133	0.57	3.97
30	16	12,177	12,177	1.00	3.27	11,808	11,808	1.00	3.46	11,439	11,439	1.00	3.66
30	18	13,038	11,604	0.89	3.33	12,669	11,275	0.89	3.52	12,239	10,892	0.89	3.76
30	20	14,022	10,797	0.77	3.44	13,715	10,560	0.77	3.60	13,346	10,276	0.77	3.84
30	22	14,945	9,714	0.65	3.52	14,637	9,514	0.65	3.72	14,268	9,274	0.65	3.97
32	16	12,177	12,177	1.00	3.27	11,808	11,808	1.00	3.46	11,439	11,439	1.00	3.66
32	18	13,038	12,647	0.97	3.33	12,669	12,289	0.97	3.52	12,239	11,871	0.97	3.76
32	20	14,022	11,919	0.85	3.44	13,715	11,657	0.85	3.60	13,346	11,344	0.85	3.84
32	22	14,945	10,909	0.73	3.52	14,637	10,658	0.73	3.72	14,268	10,416	0.73	3.97
34	16	12,177	12,177	1.00	3.27	11,808	11,808	1.00	3.46	11,439	11,439	1.00	3.66
34	18	13,038	13,038	1.00	3.33	12,669	12,669	1.00	3.52	12,239	12,239	1.00	3.76
34	20	14,022	13,040	0.93	3.44	13,715	12,754	0.93	3.60	13,346	12,411	0.93	3.84
34	22	14,945	12,105	0.81	3.52	14,637	11,856	0.81	3.72	14,268	11,557	0.81	3.97

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 35 CA	35 SHC	35 SHF	35 P.C.	40 CA	40 SHC	40 SHF	40 P.C.	45 CA	45 SHC	45 SHF	45 P.C.
20	16	10,947	6,678	0.61	3.93	10,455	6,378	0.61	4.21	9,963	6,077	0.61	4.56
20	18	11,808	5,786	0.49	4.03	11,439	5,605	0.49	4.34	10,701	5,243	0.49	4.66
20	20	12,792	4,733	0.37	4.13	12,300	4,551	0.37	4.42	11,562	4,278	0.37	4.74
22	16	10,947	7,553	0.69	3.93	10,455	7,214	0.69	4.21	9,963	6,874	0.69	4.56
22	18	11,808	6,731	0.57	4.03	11,439	6,520	0.57	4.34	10,701	6,100	0.57	4.66
22	20	12,792	5,756	0.45	4.13	12,300	5,535	0.45	4.42	11,562	5,203	0.45	4.74
24	16	10,947	8,429	0.77	3.93	10,455	8,050	0.77	4.21	9,963	7,672	0.77	4.56
24	18	11,808	7,675	0.65	4.03	11,439	7,435	0.65	4.34	10,701	6,956	0.65	4.66
24	20	12,792	6,780	0.53	4.13	12,300	6,519	0.53	4.42	11,562	6,128	0.53	4.74
24	22	13,776	5,648	0.41	4.21	13,284	5,446	0.41	4.54	12,546	5,144	0.41	4.83
26	16	10,947	9,305	0.85	3.93	10,455	8,887	0.85	4.21	9,963	8,469	0.85	4.56
26	18	11,808	8,620	0.73	4.03	11,439	8,350	0.73	4.34	10,701	7,812	0.73	4.66
26	20	12,792	7,803	0.61	4.13	12,300	7,503	0.61	4.42	11,562	7,053	0.61	4.74
26	22	13,776	6,750	0.49	4.21	13,284	6,509	0.49	4.54	12,546	6,148	0.49	4.83
27	16	10,947	9,743	0.89	3.93	10,455	9,305	0.89	4.21	9,963	8,867	0.89	4.56
27	18	11,808	9,092	0.77	4.03	11,439	8,808	0.77	4.34	10,701	8,240	0.77	4.66
27	20	12,792	8,315	0.65	4.13	12,300	7,995	0.65	4.42	11,562	7,515	0.65	4.74
27	22	13,776	7,301	0.53	4.21	13,284	7,041	0.53	4.54	12,546	6,649	0.53	4.83
28	16	10,947	10,181	0.93	3.93	10,455	9,723	0.93	4.21	9,963	9,266	0.93	4.56
28	18	11,808	9,564	0.81	4.03	11,439	9,266	0.81	4.34	10,701	8,668	0.81	4.66
28	20	12,792	8,826	0.69	4.13	12,300	8,487	0.69	4.42	11,562	7,978	0.69	4.74
28	22	13,776	7,852	0.57	4.21	13,284	7,572	0.57	4.54	12,546	7,151	0.57	4.83
30	16	10,947	10,947	1.00	3.93	10,455	10,455	1.00	4.21	9,963	9,963	1.00	4.56
30	18	11,808	10,509	0.89	4.03	11,439	10,181	0.89	4.34	10,701	9,524	0.89	4.66
30	20	12,792	9,850	0.77	4.13	12,300	9,471	0.77	4.42	11,562	8,903	0.77	4.74
30	22	13,776	8,954	0.65	4.21	13,284	8,635	0.65	4.54	12,546	8,155	0.65	4.83
32	16	10,947	10,947	1.00	3.93	10,455	10,455	1.00	4.21	9,963	9,963	1.00	4.56
32	18	11,808	11,454	0.97	4.03	11,439	11,096	0.97	4.34	10,701	10,380	0.97	4.66
32	20	12,792	10,873	0.85	4.13	12,300	10,455	0.85	4.42	11,562	9,828	0.85	4.74
32	22	13,776	10,056	0.73	4.21	13,284	9,697	0.73	4.54	12,546	9,159	0.73	4.83
34	16	10,947	10,947	1.00	3.93	10,455	10,455	1.00	4.21	9,963	9,963	1.00	4.56
34	18	11,808	11,808	1.00	4.03	11,439	11,439	1.00	4.34	10,701	10,701	1.00	4.66
34	20	12,792	11,897	0.93	4.13	12,300	11,439	0.93	4.42	11,562	10,753	0.93	4.74
34	22	13,776	11,159	0.81	4.21	13,284	10,760	0.81	4.54	12,546	10,162	0.81	4.83

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-RP140BA2 / PUHZ-P140VHA3, PUHZ-P140YHA

(230V)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 20 CA	20 SHC	20 SHF	20 P.C.	25 CA	25 SHC	25 SHF	25 P.C.	30 CA	30 SHC	30 SHF	30 P.C.
20	16	13,464	8,213	0.61	4.17	13,056	7,964	0.61	4.40	12,648	7,715	0.61	4.66
20	18	14,416	7,064	0.49	4.25	14,008	6,864	0.49	4.48	13,532	6,631	0.49	4.79
20	20	15,504	5,736	0.37	4.38	15,164	5,611	0.37	4.58	14,756	5,460	0.37	4.90
22	16	13,464	9,290	0.69	4.17	13,056	9,009	0.69	4.40	12,648	8,727	0.69	4.66
22	18	14,416	8,217	0.57	4.25	14,008	7,985	0.57	4.48	13,532	7,713	0.57	4.79
22	20	15,504	6,677	0.45	4.38	15,164	6,824	0.45	4.58	14,756	6,640	0.45	4.90
24	16	13,464	10,367	0.77	4.17	13,056	10,053	0.77	4.40	12,648	9,739	0.77	4.66
24	18	14,416	9,370	0.65	4.25	14,008	9,105	0.65	4.48	13,532	8,796	0.65	4.79
24	20	15,504	8,217	0.53	4.38	15,164	8,037	0.53	4.58	14,756	7,821	0.53	4.90
24	22	16,524	6,775	0.41	4.48	16,184	6,635	0.41	4.74	15,776	6,468	0.41	5.05
26	16	13,464	11,444	0.85	4.17	13,056	11,098	0.85	4.40	12,648	10,751	0.85	4.66
26	18	14,416	10,524	0.73	4.25	14,008	10,226	0.73	4.48	13,532	9,878	0.73	4.79
26	20	15,504	9,457	0.61	4.38	15,164	9,250	0.61	4.58	14,756	9,001	0.61	4.90
26	22	16,524	8,097	0.49	4.48	16,184	7,930	0.49	4.74	15,776	7,730	0.49	5.05
27	16	13,464	11,983	0.89	4.17	13,056	11,620	0.89	4.40	12,648	11,257	0.89	4.66
27	18	14,416	11,100	0.77	4.25	14,008	10,786	0.77	4.48	13,532	10,420	0.77	4.79
27	20	15,504	10,078	0.65	4.38	15,164	9,857	0.65	4.58	14,756	9,591	0.65	4.90
27	22	16,524	8,758	0.53	4.48	16,184	8,578	0.53	4.74	15,776	8,361	0.53	5.05
28	16	13,464	12,522	0.93	4.17	13,056	12,142	0.93	4.40	12,648	11,763	0.93	4.66
28	18	14,416	11,677	0.81	4.25	14,008	11,346	0.81	4.48	13,532	10,961	0.81	4.79
28	20	15,504	10,698	0.69	4.38	15,164	10,463	0.69	4.58	14,756	10,182	0.69	4.90
28	22	16,524	9,419	0.57	4.48	16,184	9,225	0.57	4.74	15,776	8,992	0.57	5.05
30	16	13,464	13,464	1.00	4.17	13,056	13,056	1.00	4.40	12,648	12,648	1.00	4.66
30	18	14,416	12,830	0.89	4.25	14,008	12,467	0.89	4.48	13,532	12,043	0.89	4.79
30	20	15,504	11,938	0.77	4.38	15,164	11,676	0.77	4.58	14,756	11,362	0.77	4.90
30	22	16,524	10,741	0.65	4.48	16,184	10,520	0.65	4.74	15,776	10,254	0.65	5.05
32	16	13,464	13,464	1.00	4.17	13,056	13,056	1.00	4.40	12,648	12,648	1.00	4.66
32	18	14,416	13,984	0.97	4.25	14,008	13,588	0.97	4.48	13,532	13,126	0.97	4.79
32	20	15,504	13,178	0.85	4.38	15,164	12,889	0.85	4.58	14,756	12,543	0.85	4.90
32	22	16,524	12,063	0.73	4.48	16,184	11,814	0.73	4.74	15,776	11,516	0.73	5.05
34	16	13,464	13,464	1.00	4.17	13,056	13,056	1.00	4.40	12,648	12,648	1.00	4.66
34	18	14,416	14,416	1.00	4.25	14,008	14,008	1.00	4.48	13,532	13,532	1.00	4.79
34	20	15,504	14,419	0.93	4.38	15,164	14,103	0.93	4.58	14,756	13,723	0.93	4.90
34	22	16,524	13,384	0.81	4.48	16,184	13,109	0.81	4.74	15,776	12,779	0.81	5.05

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 35 CA	35 SHC	35 SHF	35 P.C.	40 CA	40 SHC	40 SHF	40 P.C.	45 CA	45 SHC	45 SHF	45 P.C.
20	16	12,104	7,383	0.61	5.00	11,560	7,052	0.61	5.37	11,016	6,720	0.61	5.81
20	18	13,056	6,397	0.49	5.13	12,648	6,198	0.49	5.52	11,832	5,798	0.49	5.94
20	20	14,144	5,233	0.37	5.26	13,600	5,032	0.37	5.63	12,784	4,730	0.37	6.04
22	16	12,104	8,352	0.69	5.00	11,560	7,976	0.69	5.37	11,016	7,601	0.69	5.81
22	18	13,056	7,442	0.57	5.13	12,648	7,209	0.57	5.52	11,832	6,744	0.57	5.94
22	20	14,144	6,365	0.45	5.26	13,600	6,120	0.45	5.63	12,784	5,753	0.45	6.04
24	16	12,104	9,320	0.77	5.00	11,560	8,901	0.77	5.37	11,016	8,482	0.77	5.81
24	18	13,056	8,486	0.65	5.13	12,648	8,221	0.65	5.52	11,832	7,691	0.65	5.94
24	20	14,144	7,496	0.53	5.26	13,600	7,208	0.53	5.63	12,784	6,776	0.53	6.04
24	22	15,232	6,245	0.41	5.37	14,688	6,022	0.41	5.78	13,872	5,688	0.41	6.15
26	16	12,104	10,288	0.85	5.00	11,560	9,826	0.85	5.37	11,016	9,364	0.85	5.81
26	18	13,056	9,531	0.73	5.13	12,648	9,233	0.73	5.52	11,832	8,637	0.73	5.94
26	20	14,144	8,628	0.61	5.26	13,600	8,296	0.61	5.63	12,784	7,798	0.61	6.04
26	22	15,232	7,464	0.49	5.37	14,688	7,197	0.49	5.78	13,872	6,797	0.49	6.15
27	16	12,104	10,773	0.89	5.00	11,560	10,288	0.89	5.37	11,016	9,804	0.89	5.81
27	18	13,056	10,053	0.77	5.13	12,648	9,739	0.77	5.52	11,832	9,111	0.77	5.94
27	20	14,144	9,194	0.65	5.26	13,600	8,840	0.65	5.63	12,784	8,310	0.65	6.04
27	22	15,232	8,073	0.53	5.37	14,688	7,785	0.53	5.78	13,872	7,352	0.53	6.15
28	16	12,104	11,257	0.93	5.00	11,560	10,751	0.93	5.37	11,016	10,245	0.93	5.81
28	18	13,056	10,575	0.81	5.13	12,648	10,245	0.81	5.52	11,832	9,584	0.81	5.94
28	20	14,144	9,759	0.69	5.26	13,600	9,384	0.69	5.63	12,784	8,821	0.69	6.04
28	22	15,232	8,682	0.57	5.37	14,688	8,372	0.57	5.78	13,872	7,907	0.57	6.15
30	16	12,104	12,104	1.00	5.00	11,560	11,560	1.00	5.37	11,016	11,016	1.00	5.81
30	18	13,056	11,620	0.89	5.13	12,648	11,257	0.89	5.52	11,832	10,530	0.89	5.94
30	20	14,144	10,891	0.77	5.26	13,600	10,472	0.77	5.63	12,784	9,844	0.77	6.04
30	22	15,232	9,901	0.65	5.37	14,688	9,547	0.65	5.78	13,872	9,017	0.65	6.15
32	16	12,104	12,104	1.00	5.00	11,560	11,560	1.00	5.37	11,016	11,016	1.00	5.81
32	18	13,056	12,664	0.97	5.13	12,648	12,269	0.97	5.52	11,832	11,477	0.97	5.94
32	20	14,144	12,022	0.85	5.26	13,600	11,560	0.85	5.63	12,784	10,866	0.85	6.04
32	22	15,232	11,119	0.73	5.37	14,688	10,722	0.73	5.78	13,872	10,127	0.73	6.15
34	16	12,104	12,104	1.00	5.00	11,560	11,560	1.00	5.37	11,016	11,016	1.00	5.81
34	18	13,056	13,056	1.00	5.13	12,648	12,648	1.00	5.52	11,832	11,832	1.00	5.94
34	20	14,144	13,154	0.93	5.26	13,600	12,648	0.93	5.63	12,784	11,889	0.93	6.04
34	22	15,232	12,338	0.81	5.37	14,688	11,897	0.81	5.78	13,872	11,236	0.81	6.15

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP100BA / PUHZ-P100VHA4, PUHZ-P100YHA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	5,956	0.64	2.47	9,024	5,775	0.64	2.60	8,742	5,595	0.64	2.76
20	18	9,964	5,181	0.52	2.51	9,682	5,035	0.52	2.65	9,353	4,864	0.52	2.84
20	20	10,716	4,286	0.40	2.59	10,481	4,192	0.40	2.71	10,199	4,080	0.40	2.90
22	16	9,306	6,700	0.72	2.47	9,024	6,497	0.72	2.60	8,742	6,294	0.72	2.76
22	18	9,964	5,978	0.60	2.51	9,682	5,809	0.60	2.65	9,353	5,612	0.60	2.84
22	20	10,716	5,144	0.48	2.59	10,481	5,031	0.48	2.71	10,199	4,896	0.48	2.90
24	16	9,306	7,445	0.80	2.47	9,024	7,219	0.80	2.60	8,742	6,994	0.80	2.76
24	18	9,964	6,776	0.68	2.51	9,682	6,584	0.68	2.65	9,353	6,360	0.68	2.84
24	20	10,716	6,001	0.56	2.59	10,481	5,869	0.56	2.71	10,199	5,711	0.56	2.90
24	22	11,421	5,025	0.44	2.65	11,186	4,922	0.44	2.80	10,904	4,798	0.44	2.99
26	16	9,306	8,189	0.88	2.47	9,024	7,941	0.88	2.60	8,742	7,693	0.88	2.76
26	18	9,964	7,573	0.76	2.51	9,682	7,358	0.76	2.65	9,353	7,108	0.76	2.84
26	20	10,716	6,858	0.64	2.59	10,481	6,708	0.64	2.71	10,199	6,527	0.64	2.90
26	22	11,421	5,939	0.52	2.65	11,186	5,817	0.52	2.80	10,904	5,670	0.52	2.99
27	16	9,306	8,562	0.92	2.47	9,024	8,302	0.92	2.60	8,742	8,043	0.92	2.76
27	18	9,964	7,971	0.80	2.51	9,682	7,746	0.80	2.65	9,353	7,482	0.80	2.84
27	20	10,716	7,287	0.68	2.59	10,481	7,127	0.68	2.71	10,199	6,935	0.68	2.90
27	22	11,421	6,396	0.56	2.65	11,186	6,264	0.56	2.80	10,904	6,106	0.56	2.99
28	16	9,306	8,934	0.96	2.47	9,024	8,663	0.96	2.60	8,742	8,392	0.96	2.76
28	18	9,964	8,370	0.84	2.51	9,682	8,133	0.84	2.65	9,353	7,857	0.84	2.84
28	20	10,716	7,716	0.72	2.59	10,481	7,546	0.72	2.71	10,199	7,343	0.72	2.90
28	22	11,421	6,853	0.60	2.65	11,186	6,712	0.60	2.80	10,904	6,542	0.60	2.99
30	16	9,306	9,306	1.00	2.47	9,024	9,024	1.00	2.60	8,742	8,742	1.00	2.76
30	18	9,964	9,167	0.92	2.51	9,682	8,907	0.92	2.65	9,353	8,605	0.92	2.84
30	20	10,716	8,573	0.80	2.59	10,481	8,385	0.80	2.71	10,199	8,159	0.80	2.90
30	22	11,421	7,766	0.68	2.65	11,186	7,606	0.68	2.80	10,904	7,415	0.68	2.99
32	16	9,306	9,306	1.00	2.47	9,024	9,024	1.00	2.60	8,742	8,742	1.00	2.76
32	18	9,964	9,964	1.00	2.51	9,682	9,682	1.00	2.65	9,353	9,353	1.00	2.84
32	20	10,716	9,430	0.88	2.59	10,481	9,223	0.88	2.71	10,199	8,975	0.88	2.90
32	22	11,421	8,680	0.76	2.65	11,186	8,501	0.76	2.80	10,904	8,287	0.76	2.99
34	16	9,306	9,306	1.00	2.47	9,024	9,024	1.00	2.60	8,742	8,742	1.00	2.76
34	18	9,964	9,964	1.00	2.51	9,682	9,682	1.00	2.65	9,353	9,353	1.00	2.84
34	20	10,716	10,287	0.96	2.59	10,481	10,062	0.96	2.71	10,199	9,791	0.96	2.90
34	22	11,421	9,594	0.84	2.65	11,186	9,396	0.84	2.80	10,904	9,159	0.84	2.99

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	5,354	0.64	2.96	7,990	5,114	0.64	3.17	7,614	4,873	0.64	3.44
20	18	9,024	4,692	0.52	3.04	8,742	4,546	0.52	3.27	8,178	4,253	0.52	3.51
20	20	9,776	3,910	0.40	3.11	9,400	3,760	0.40	3.33	8,836	3,534	0.40	3.58
22	16	8,366	6,024	0.72	2.96	7,990	5,753	0.72	3.17	7,614	5,482	0.72	3.44
22	18	9,024	5,414	0.60	3.04	8,742	5,245	0.60	3.27	8,178	4,907	0.60	3.51
22	20	9,776	4,692	0.48	3.11	9,400	4,512	0.48	3.33	8,836	4,241	0.48	3.58
24	16	8,366	6,693	0.80	2.96	7,990	6,392	0.80	3.17	7,614	6,091	0.80	3.44
24	18	9,024	6,136	0.68	3.04	8,742	5,945	0.68	3.27	8,178	5,561	0.68	3.51
24	20	9,776	5,475	0.56	3.11	9,400	5,264	0.56	3.33	8,836	4,948	0.56	3.58
24	22	10,528	4,632	0.44	3.17	10,152	4,467	0.44	3.42	9,588	4,219	0.44	3.64
26	16	8,366	7,362	0.88	2.96	7,990	7,031	0.88	3.17	7,614	6,700	0.88	3.44
26	18	9,024	6,858	0.76	3.04	8,742	6,644	0.76	3.27	8,178	6,215	0.76	3.51
26	20	9,776	6,257	0.64	3.11	9,400	6,016	0.64	3.33	8,836	5,655	0.64	3.58
26	22	10,528	5,475	0.52	3.17	10,152	5,279	0.52	3.42	9,588	4,986	0.52	3.64
27	16	8,366	7,697	0.92	2.96	7,990	7,351	0.92	3.17	7,614	7,005	0.92	3.44
27	18	9,024	7,219	0.80	3.04	8,742	6,994	0.80	3.27	8,178	6,542	0.80	3.51
27	20	9,776	6,648	0.68	3.11	9,400	6,392	0.68	3.33	8,836	6,008	0.68	3.58
27	22	10,528	5,896	0.56	3.17	10,152	5,685	0.56	3.42	9,588	5,369	0.56	3.64
28	16	8,366	8,031	0.96	2.96	7,990	7,670	0.96	3.17	7,614	7,309	0.96	3.44
28	18	9,024	7,580	0.84	3.04	8,742	7,343	0.84	3.27	8,178	6,870	0.84	3.51
28	20	9,776	7,039	0.72	3.11	9,400	6,768	0.72	3.33	8,836	6,362	0.72	3.58
28	22	10,528	6,317	0.60	3.17	10,152	6,091	0.60	3.42	9,588	5,753	0.60	3.64
30	16	8,366	8,366	1.00	2.96	7,990	7,990	1.00	3.17	7,614	7,614	1.00	3.44
30	18	9,024	8,302	0.92	3.04	8,742	8,043	0.92	3.27	8,178	7,524	0.92	3.51
30	20	9,776	7,821	0.80	3.11	9,400	7,520	0.80	3.33	8,836	7,069	0.80	3.58
30	22	10,528	7,159	0.68	3.17	10,152	6,903	0.68	3.42	9,588	6,520	0.68	3.64
32	16	8,366	8,366	1.00	2.96	7,990	7,990	1.00	3.17	7,614	7,614	1.00	3.44
32	18	9,024	9,024	1.00	3.04	8,742	8,742	1.00	3.27	8,178	8,178	1.00	3.51
32	20	9,776	8,603	0.88	3.11	9,400	8,272	0.88	3.33	8,836	7,776	0.88	3.58
32	22	10,528	8,001	0.76	3.17	10,152	7,716	0.76	3.42	9,588	7,287	0.76	3.64
34	16	8,366	8,366	1.00	2.96	7,990	7,990	1.00	3.17	7,614	7,614	1.00	3.44
34	18	9,024	9,024	1.00	3.04	8,742	8,742	1.00	3.27	8,178	8,178	1.00	3.51
34	20	9,776	9,385	0.96	3.11	9,400	9,024	0.96	3.33	8,836	8,483	0.96	3.58
34	22	10,528	8,844	0.84	3.17	10,152	8,528	0.84	3.42	9,588	8,054	0.84	3.64

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP125BA / PUHZ-P125VHA3, PUHZ-P125YHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,177	7,793	0.64	3.22	11,808	7,557	0.64	3.40	11,439	7,321	0.64	3.60
20	18	13,038	6,780	0.52	3.28	12,669	6,588	0.52	3.46	12,239	6,364	0.52	3.70
20	20	14,022	5,609	0.40	3.38	13,715	5,486	0.40	3.54	13,346	5,338	0.40	3.78
22	16	12,177	8,767	0.72	3.22	11,808	8,502	0.72	3.40	11,439	8,236	0.72	3.60
22	18	13,038	7,823	0.60	3.28	12,669	7,601	0.60	3.46	12,239	7,343	0.60	3.70
22	20	14,022	6,731	0.48	3.38	13,715	6,583	0.48	3.54	13,346	6,406	0.48	3.78
24	16	12,177	9,742	0.80	3.22	11,808	9,446	0.80	3.40	11,439	9,151	0.80	3.60
24	18	13,038	8,866	0.68	3.28	12,669	8,615	0.68	3.46	12,239	8,322	0.68	3.70
24	20	14,022	7,852	0.56	3.38	13,715	7,680	0.56	3.54	13,346	7,473	0.56	3.78
24	22	14,945	6,576	0.44	3.46	14,637	6,440	0.44	3.66	14,268	6,278	0.44	3.90
26	16	12,177	10,716	0.88	3.22	11,808	10,391	0.88	3.40	11,439	10,066	0.88	3.60
26	18	13,038	9,909	0.76	3.28	12,669	9,628	0.76	3.46	12,239	9,301	0.76	3.70
26	20	14,022	8,974	0.64	3.38	13,715	8,777	0.64	3.54	13,346	8,541	0.64	3.78
26	22	14,945	7,771	0.52	3.46	14,637	7,611	0.52	3.66	14,268	7,419	0.52	3.90
27	16	12,177	11,203	0.92	3.22	11,808	10,863	0.92	3.40	11,439	10,524	0.92	3.60
27	18	13,038	10,430	0.80	3.28	12,669	10,135	0.80	3.46	12,239	9,791	0.80	3.70
27	20	14,022	9,535	0.68	3.38	13,715	9,326	0.68	3.54	13,346	9,075	0.68	3.78
27	22	14,945	8,369	0.56	3.46	14,637	8,197	0.56	3.66	14,268	7,990	0.56	3.90
28	16	12,177	11,690	0.96	3.22	11,808	11,336	0.96	3.40	11,439	10,981	0.96	3.60
28	18	13,038	10,952	0.84	3.28	12,669	10,642	0.84	3.46	12,239	10,280	0.84	3.70
28	20	14,022	10,096	0.72	3.38	13,715	9,874	0.72	3.54	13,346	9,609	0.72	3.78
28	22	14,945	8,967	0.60	3.46	14,637	8,782	0.60	3.66	14,268	8,561	0.60	3.90
30	16	12,177	12,177	1.00	3.22	11,808	11,808	1.00	3.40	11,439	11,439	1.00	3.60
30	18	13,038	11,995	0.92	3.28	12,669	11,655	0.92	3.46	12,239	11,259	0.92	3.70
30	20	14,022	11,218	0.80	3.38	13,715	10,972	0.80	3.54	13,346	10,676	0.80	3.78
30	22	14,945	10,162	0.68	3.46	14,637	9,953	0.68	3.66	14,268	9,702	0.68	3.90
32	16	12,177	12,177	1.00	3.22	11,808	11,808	1.00	3.40	11,439	11,439	1.00	3.60
32	18	13,038	13,038	1.00	3.28	12,669	12,669	1.00	3.46	12,239	12,239	1.00	3.70
32	20	14,022	12,339	0.88	3.38	13,715	12,069	0.88	3.54	13,346	11,744	0.88	3.78
32	22	14,945	11,358	0.76	3.46	14,637	11,124	0.76	3.66	14,268	10,844	0.76	3.90
34	16	12,177	12,177	1.00	3.22	11,808	11,808	1.00	3.40	11,439	11,439	1.00	3.60
34	18	13,038	13,038	1.00	3.28	12,669	12,669	1.00	3.46	12,239	12,239	1.00	3.70
34	20	14,022	13,461	0.96	3.38	13,715	13,166	0.96	3.54	13,346	12,812	0.96	3.78
34	22	14,945	12,553	0.84	3.46	14,637	12,295	0.84	3.66	14,268	11,985	0.84	3.90

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,947	7,006	0.64	3.86	10,455	6,691	0.64	4.14	9,963	6,376	0.64	4.48
20	18	11,808	6,140	0.52	3.96	11,439	5,948	0.52	4.26	10,701	5,565	0.52	4.58
20	20	12,792	5,117	0.40	4.06	12,300	4,920	0.40	4.34	11,562	4,625	0.40	4.66
22	16	10,947	7,882	0.72	3.86	10,455	7,528	0.72	4.14	9,963	7,173	0.72	4.48
22	18	11,808	7,085	0.60	3.96	11,439	6,863	0.60	4.26	10,701	6,421	0.60	4.58
22	20	12,792	6,140	0.48	4.06	12,300	5,904	0.48	4.34	11,562	5,550	0.48	4.66
24	16	10,947	8,758	0.80	3.86	10,455	8,364	0.80	4.14	9,963	7,970	0.80	4.48
24	18	11,808	8,029	0.68	3.96	11,439	7,779	0.68	4.26	10,701	7,277	0.68	4.58
24	20	12,792	7,164	0.56	4.06	12,300	6,888	0.56	4.34	11,562	6,475	0.56	4.66
24	22	13,776	6,061	0.44	4.14	13,284	5,845	0.44	4.46	12,546	5,520	0.44	4.74
26	16	10,947	9,633	0.88	3.86	10,455	9,200	0.88	4.14	9,963	8,767	0.88	4.48
26	18	11,808	8,974	0.76	3.96	11,439	8,694	0.76	4.26	10,701	8,133	0.76	4.58
26	20	12,792	8,187	0.64	4.06	12,300	7,872	0.64	4.34	11,562	7,400	0.64	4.66
26	22	13,776	7,164	0.52	4.14	13,284	6,908	0.52	4.46	12,546	6,524	0.52	4.74
27	16	10,947	10,071	0.92	3.86	10,455	9,619	0.92	4.14	9,963	9,166	0.92	4.48
27	18	11,808	9,446	0.80	3.96	11,439	9,151	0.80	4.26	10,701	8,561	0.80	4.58
27	20	12,792	8,699	0.68	4.06	12,300	8,364	0.68	4.34	11,562	7,862	0.68	4.66
27	22	13,776	7,715	0.56	4.14	13,284	7,439	0.56	4.46	12,546	7,026	0.56	4.74
28	16	10,947	10,509	0.96	3.86	10,455	10,037	0.96	4.14	9,963	9,564	0.96	4.48
28	18	11,808	9,919	0.84	3.96	11,439	9,609	0.84	4.26	10,701	8,989	0.84	4.58
28	20	12,792	9,210	0.72	4.06	12,300	8,856	0.72	4.34	11,562	8,325	0.72	4.66
28	22	13,776	8,266	0.60	4.14	13,284	7,970	0.60	4.46	12,546	7,528	0.60	4.74
30	16	10,947	10,947	1.00	3.86	10,455	10,455	1.00	4.14	9,963	9,963	1.00	4.48
30	18	11,808	10,863	0.92	3.96	11,439	10,524	0.92	4.26	10,701	9,845	0.92	4.58
30	20	12,792	10,234	0.80	4.06	12,300	9,840	0.80	4.34	11,562	9,250	0.80	4.66
30	22	13,776	9,368	0.68	4.14	13,284	9,033	0.68	4.46	12,546	8,531	0.68	4.74
32	16	10,947	10,947	1.00	3.86	10,455	10,455	1.00	4.14	9,963	9,963	1.00	4.48
32	18	11,808	11,808	1.00	3.96	11,439	11,439	1.00	4.26	10,701	10,701	1.00	4.58
32	20	12,792	11,257	0.88	4.06	12,300	10,824	0.88	4.34	11,562	10,175	0.88	4.66
32	22	13,776	10,470	0.76	4.14	13,284	10,096	0.76	4.46	12,546	9,535	0.76	4.74
34	16	10,947	10,947	1.00	3.86	10,455	10,455	1.00	4.14	9,963	9,963	1.00	4.48
34	18	11,808	11,808	1.00	3.96	11,439	11,439	1.00	4.26	10,701	10,701	1.00	4.58
34	20	12,792	12,280	0.96	4.06	12,300	11,808	0.96	4.34	11,562	11,100	0.96	4.66
34	22	13,776	11,572	0.84	4.14	13,284	11,159	0.84	4.46	12,546	10,539	0.84	4.74

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-ZRP140BA / PUHZ-P140VHA3, PUHZ-P140YHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,464	8,348	0.62	4.14	13,056	8,095	0.62	4.37	12,648	7,842	0.62	4.63
20	18	14,416	7,208	0.50	4.21	14,008	7,004	0.50	4.45	13,532	6,766	0.50	4.76
20	20	15,504	5,892	0.38	4.34	15,164	5,762	0.38	4.55	14,756	5,607	0.38	4.86
22	16	13,464	9,425	0.70	4.14	13,056	9,139	0.70	4.37	12,648	8,854	0.70	4.63
22	18	14,416	8,361	0.58	4.21	14,008	8,125	0.58	4.45	13,532	7,849	0.58	4.76
22	20	15,504	7,132	0.46	4.34	15,164	6,975	0.46	4.55	14,756	6,788	0.46	4.86
24	16	13,464	10,502	0.78	4.14	13,056	10,184	0.78	4.37	12,648	9,865	0.78	4.63
24	18	14,416	9,515	0.66	4.21	14,008	9,245	0.66	4.45	13,532	8,931	0.66	4.76
24	20	15,504	8,372	0.54	4.34	15,164	8,189	0.54	4.55	14,756	7,968	0.54	4.86
24	22	16,524	6,940	0.42	4.45	16,184	6,797	0.42	4.71	15,776	6,626	0.42	5.02
26	16	13,464	11,579	0.86	4.14	13,056	11,228	0.86	4.37	12,648	10,877	0.86	4.63
26	18	14,416	10,668	0.74	4.21	14,008	10,366	0.74	4.45	13,532	10,014	0.74	4.76
26	20	15,504	9,612	0.62	4.34	15,164	9,402	0.62	4.55	14,756	9,149	0.62	4.86
26	22	16,524	8,262	0.50	4.45	16,184	8,092	0.50	4.71	15,776	7,888	0.50	5.02
27	16	13,464	12,118	0.90	4.14	13,056	11,750	0.90	4.37	12,648	11,383	0.90	4.63
27	18	14,416	11,244	0.78	4.21	14,008	10,926	0.78	4.45	13,532	10,555	0.78	4.76
27	20	15,504	10,233	0.66	4.34	15,164	10,008	0.66	4.55	14,756	9,739	0.66	4.86
27	22	16,524	8,923	0.54	4.45	16,184	8,739	0.54	4.71	15,776	8,519	0.54	5.02
28	16	13,464	12,656	0.94	4.14	13,056	12,273	0.94	4.37	12,648	11,889	0.94	4.63
28	18	14,416	11,821	0.82	4.21	14,008	11,487	0.82	4.45	13,532	11,096	0.82	4.76
28	20	15,504	10,853	0.70	4.34	15,164	10,615	0.70	4.55	14,756	10,329	0.70	4.86
28	22	16,524	9,584	0.58	4.45	16,184	9,387	0.58	4.71	15,776	9,150	0.58	5.02
30	16	13,464	13,464	1.00	4.14	13,056	13,056	1.00	4.37	12,648	12,648	1.00	4.63
30	18	14,416	12,974	0.90	4.21	14,008	12,607	0.90	4.45	13,532	12,179	0.90	4.76
30	20	15,504	12,093	0.78	4.34	15,164	11,828	0.78	4.55	14,756	11,510	0.78	4.86
30	22	16,524	10,906	0.66	4.45	16,184	10,681	0.66	4.71	15,776	10,412	0.66	5.02
32	16	13,464	13,464	1.00	4.14	13,056	13,056	1.00	4.37	12,648	12,648	1.00	4.63
32	18	14,416	14,128	0.98	4.21	14,008	13,728	0.98	4.45	13,532	13,261	0.98	4.76
32	20	15,504	13,333	0.86	4.34	15,164	13,041	0.86	4.55	14,756	12,690	0.86	4.86
32	22	16,524	12,228	0.74	4.45	16,184	11,976	0.74	4.71	15,776	11,674	0.74	5.02
34	16	13,464	13,464	1.00	4.14	13,056	13,056	1.00	4.37	12,648	12,648	1.00	4.63
34	18	14,416	14,416	1.00	4.21	14,008	14,008	1.00	4.45	13,532	13,532	1.00	4.76
34	20	15,504	14,574	0.94	4.34	15,164	14,254	0.94	4.55	14,756	13,871	0.94	4.86
34	22	16,524	13,550	0.82	4.45	16,184	13,271	0.82	4.71	15,776	12,936	0.82	5.02

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,104	7,504	0.62	4.96	11,560	7,167	0.62	5.33	11,016	6,830	0.62	5.77
20	18	13,056	6,528	0.50	5.09	12,648	6,324	0.50	5.48	11,832	5,916	0.50	5.89
20	20	14,144	5,375	0.38	5.22	13,600	5,168	0.38	5.58	12,784	4,858	0.38	6.00
22	16	12,104	8,473	0.70	4.96	11,560	8,092	0.70	5.33	11,016	7,711	0.70	5.77
22	18	13,056	7,572	0.58	5.09	12,648	7,336	0.58	5.48	11,832	6,863	0.58	5.89
22	20	14,144	6,506	0.46	5.22	13,600	6,256	0.46	5.58	12,784	5,881	0.46	6.00
24	16	12,104	9,441	0.78	4.96	11,560	9,017	0.78	5.33	11,016	8,592	0.78	5.77
24	18	13,056	8,617	0.66	5.09	12,648	8,348	0.66	5.48	11,832	7,809	0.66	5.89
24	20	14,144	7,638	0.54	5.22	13,600	7,344	0.54	5.58	12,784	6,903	0.54	6.00
24	22	15,232	6,397	0.42	5.33	14,688	6,169	0.42	5.74	13,872	5,826	0.42	6.10
26	16	12,104	10,409	0.86	4.96	11,560	9,942	0.86	5.33	11,016	9,474	0.86	5.77
26	18	13,056	9,661	0.74	5.09	12,648	9,360	0.74	5.48	11,832	8,756	0.74	5.89
26	20	14,144	8,769	0.62	5.22	13,600	8,432	0.62	5.58	12,784	7,926	0.62	6.00
26	22	15,232	7,616	0.50	5.33	14,688	7,344	0.50	5.74	13,872	6,936	0.50	6.10
27	16	12,104	10,894	0.90	4.96	11,560	10,404	0.90	5.33	11,016	9,914	0.90	5.77
27	18	13,056	10,184	0.78	5.09	12,648	9,865	0.78	5.48	11,832	9,229	0.78	5.89
27	20	14,144	9,335	0.66	5.22	13,600	8,976	0.66	5.58	12,784	8,437	0.66	6.00
27	22	15,232	8,225	0.54	5.33	14,688	7,932	0.54	5.74	13,872	7,491	0.54	6.10
28	16	12,104	11,378	0.94	4.96	11,560	10,866	0.94	5.33	11,016	10,355	0.94	5.77
28	18	13,056	10,706	0.82	5.09	12,648	10,371	0.82	5.48	11,832	9,702	0.82	5.89
28	20	14,144	9,901	0.70	5.22	13,600	9,520	0.70	5.58	12,784	8,949	0.70	6.00
28	22	15,232	8,835	0.58	5.33	14,688	8,519	0.58	5.74	13,872	8,046	0.58	6.10
30	16	12,104	12,104	1.00	4.96	11,560	11,560	1.00	5.33	11,016	11,016	1.00	5.77
30	18	13,056	11,750	0.90	5.09	12,648	11,383	0.90	5.48	11,832	10,649	0.90	5.89
30	20	14,144	11,032	0.78	5.22	13,600	10,608	0.78	5.58	12,784	9,972	0.78	6.00
30	22	15,232	10,053	0.66	5.33	14,688	9,694	0.66	5.74	13,872	9,156	0.66	6.10
32	16	12,104	12,104	1.00	4.96	11,560	11,560	1.00	5.33	11,016	11,016	1.00	5.77
32	18	13,056	12,795	0.98	5.09	12,648	12,395	0.98	5.48	11,832	11,595	0.98	5.89
32	20	14,144	12,164	0.86	5.22	13,600	11,696	0.86	5.58	12,784	10,994	0.86	6.00
32	22	15,232	11,272	0.74	5.33	14,688	10,869	0.74	5.74	13,872	10,265	0.74	6.10
34	16	12,104	12,104	1.00	4.96	11,560	11,560	1.00	5.33	11,016	11,016	1.00	5.77
34	18	13,056	13,056	1.00	5.09	12,648	12,648	1.00	5.48	11,832	11,832	1.00	5.89
34	20	14,144	13,295	0.94	5.22	13,600	12,784	0.94	5.58	12,784	12,017	0.94	6.00
34	22	15,232	12,490	0.82	5.33	14,688	12,044	0.82	5.74	13,872	11,375	0.82	6.10

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SP71BA / SUZ-SA71VA2

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	4,922	0.59	1.776	7,988	4,713	0.59	1.865	7,668	4,524	0.59	1.954	7,384	4,357	0.59	2.042
21	20	8,698	4,088	0.47	1.865	8,343	3,921	0.47	1.976	8,094	3,804	0.47	2.020	7,810	3,671	0.47	2.109
22	18	8,343	5,256	0.63	1.776	7,988	5,032	0.63	1.865	7,668	4,831	0.63	1.954	7,384	4,652	0.63	2.042
22	20	8,698	4,436	0.51	1.865	8,343	4,255	0.51	1.976	8,094	4,128	0.51	2.020	7,810	3,983	0.51	2.109
22	22	9,053	3,530	0.39	1.931	8,733	3,406	0.39	2.054	8,520	3,323	0.39	2.109	8,165	3,184	0.39	2.198
23	18	8,343	5,589	0.67	1.776	7,988	5,352	0.67	1.865	7,668	5,138	0.67	1.954	7,384	4,947	0.67	2.042
23	20	8,698	4,784	0.55	1.865	8,343	4,588	0.55	1.976	8,094	4,452	0.55	2.020	7,810	4,296	0.55	2.109
23	22	9,053	3,893	0.43	1.931	8,733	3,755	0.43	2.054	8,520	3,664	0.43	2.109	8,165	3,511	0.43	2.198
24	18	8,343	5,923	0.71	1.776	7,988	5,671	0.71	1.865	7,668	5,444	0.71	1.954	7,384	5,243	0.71	2.042
24	20	8,698	5,132	0.59	1.865	8,343	4,922	0.59	1.976	8,094	4,775	0.59	2.020	7,810	4,608	0.59	2.109
24	22	9,053	4,255	0.47	1.931	8,733	4,105	0.47	2.054	8,520	4,004	0.47	2.109	8,165	3,838	0.47	2.198
24	24	9,514	3,330	0.35	2.020	9,159	3,206	0.35	2.131	8,946	3,131	0.35	2.198	8,662	3,032	0.35	2.309
25	20	8,698	5,479	0.63	1.865	8,343	5,256	0.63	1.976	8,094	5,099	0.63	2.020	7,810	4,920	0.63	2.109
25	22	9,053	4,617	0.51	1.931	8,733	4,454	0.51	2.054	8,520	4,345	0.51	2.109	8,165	4,164	0.51	2.198
25	24	9,514	3,710	0.39	2.020	9,159	3,572	0.39	2.131	8,946	3,489	0.39	2.198	8,662	3,378	0.39	2.309
26	18	8,343	6,591	0.79	1.776	7,988	6,310	0.79	1.865	7,668	6,058	0.79	1.954	7,384	5,833	0.79	2.042
26	20	8,698	5,827	0.67	1.865	8,343	5,589	0.67	1.976	8,094	5,423	0.67	2.020	7,810	5,233	0.67	2.109
26	22	9,053	4,979	0.55	1.931	8,733	4,803	0.55	2.054	8,520	4,686	0.55	2.109	8,165	4,491	0.55	2.198
26	24	9,514	4,091	0.43	2.020	9,159	3,938	0.43	2.131	8,946	3,847	0.43	2.198	8,662	3,725	0.43	2.309
26	26	9,798	3,037	0.31	2.131	9,514	2,949	0.31	2.242	9,372	2,905	0.31	2.309	9,088	2,817	0.31	2.375
27	18	8,343	6,924	0.83	1.776	7,988	6,630	0.83	1.865	7,668	6,364	0.83	1.954	7,384	6,129	0.83	2.042
27	20	8,698	6,175	0.71	1.865	8,343	5,923	0.71	1.976	8,094	5,747	0.71	2.020	7,810	5,545	0.71	2.109
27	22	9,053	5,341	0.59	1.931	8,733	5,152	0.59	2.054	8,520	5,027	0.59	2.109	8,165	4,817	0.59	2.198
27	24	9,514	4,472	0.47	2.020	9,159	4,305	0.47	2.131	8,946	4,205	0.47	2.198	8,662	4,071	0.47	2.309
27	26	9,798	3,429	0.35	2.131	9,514	3,330	0.35	2.242	9,372	3,280	0.35	2.309	9,088	3,181	0.35	2.375
28	18	8,343	7,258	0.87	1.776	7,988	6,949	0.87	1.865	7,668	6,671	0.87	1.954	7,384	6,424	0.87	2.042
28	20	8,698	6,523	0.75	1.865	8,343	6,257	0.75	1.976	8,094	6,071	0.75	2.020	7,810	5,858	0.75	2.109
28	22	9,053	5,703	0.63	1.931	8,733	5,502	0.63	2.054	8,520	5,368	0.63	2.109	8,165	5,144	0.63	2.198
28	24	9,514	4,852	0.51	2.020	9,159	4,671	0.51	2.131	8,946	4,562	0.51	2.198	8,662	4,418	0.51	2.309
28	26	9,798	3,821	0.39	2.131	9,514	3,710	0.39	2.242	9,372	3,655	0.39	2.309	9,088	3,544	0.39	2.375
29	18	8,343	7,592	0.91	1.776	7,988	7,269	0.91	1.865	7,668	6,978	0.91	1.954	7,384	6,719	0.91	2.042
29	20	8,698	6,871	0.79	1.865	8,343	6,591	0.79	1.976	8,094	6,394	0.79	2.020	7,810	6,170	0.79	2.109
29	22	9,053	6,065	0.67	1.931	8,733	5,851	0.67	2.054	8,520	5,708	0.67	2.109	8,165	5,471	0.67	2.198
29	24	9,514	5,233	0.55	2.020	9,159	5,037	0.55	2.131	8,946	4,920	0.55	2.198	8,662	4,764	0.55	2.309
29	26	9,798	4,213	0.43	2.131	9,514	4,091	0.43	2.242	9,372	4,030	0.43	2.309	9,088	3,908	0.43	2.375
30	18	8,343	7,925	0.95	1.776	7,988	7,588	0.95	1.865	7,668	7,285	0.95	1.954	7,384	7,015	0.95	2.042
30	20	8,698	7,219	0.83	1.865	8,343	6,924	0.83	1.976	8,094	6,718	0.83	2.020	7,810	6,482	0.83	2.109
30	22	9,053	6,427	0.71	1.931	8,733	6,200	0.71	2.054	8,520	6,049	0.71	2.109	8,165	5,797	0.71	2.198
30	24	9,514	5,613	0.59	2.020	9,159	5,404	0.59	2.131	8,946	5,278	0.59	2.198	8,662	5,111	0.59	2.309
30	26	9,798	4,605	0.47	2.131	9,514	4,472	0.47	2.242	9,372	4,405	0.47	2.309	9,088	4,271	0.47	2.375
31	18	8,343	8,259	0.99	1.776	7,988	7,908	0.99	1.865	7,668	7,591	0.99	1.954	7,384	7,310	0.99	2.042
31	20	8,698	7,567	0.87	1.865	8,343	7,258	0.87	1.976	8,094	7,042	0.87	2.020	7,810	6,795	0.87	2.109
31	22	9,053	6,789	0.75	1.931	8,733	6,550	0.75	2.054	8,520	6,390	0.75	2.109	8,165	6,124	0.75	2.198
31	24	9,514	5,994	0.63	2.020	9,159	5,770	0.63	2.131	8,946	5,636	0.63	2.198	8,662	5,457	0.63	2.309
31	26	9,798	4,997	0.51	2.131	9,514	4,852	0.51	2.242	9,372	4,780	0.51	2.309	9,088	4,635	0.51	2.375
32	18	8,343	8,593	1.03	1.776	7,988	8,227	1.03	1.865	7,668	7,898	1.03	1.954	7,384	7,606	1.03	2.042
32	20	8,698	7,915	0.91	1.865	8,343	7,592	0.91	1.976	8,094	7,366	0.91	2.020	7,810	7,107	0.91	2.109
32	22	9,053	7,151	0.79	1.931	8,733	6,899	0.79	2.054	8,520	6,731	0.79	2.109	8,165	6,450	0.79	2.198
32	24	9,514	6,374	0.67	2.020	9,159	6,137	0.67	2.131	8,946	5,994	0.67	2.198	8,662	5,804	0.67	2.309
32	26	9,798	5,389	0.55	2.131	9,514	5,233	0.55	2.242	9,372	5,155	0.55	2.309	9,088	4,998	0.55	2.375

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SP71BA / SUZ-SA71VA2

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,105	0.59	2.176	6,390	3,770	0.59	2.309	5,893	3,477	0.59	2.398
21	20	7,313	3,437	0.47	2.264	6,816	3,204	0.47	2.375	6,319	2,970	0.47	2.509
22	18	6,958	4,384	0.63	2.176	6,390	4,026	0.63	2.309	5,893	3,713	0.63	2.398
22	20	7,313	3,730	0.51	2.264	6,816	3,476	0.51	2.375	6,319	3,223	0.51	2.509
22	22	7,739	3,018	0.39	2.353	7,242	2,824	0.39	2.486	6,745	2,631	0.39	2.575
23	18	6,958	4,662	0.67	2.176	6,390	4,281	0.67	2.309	5,893	3,948	0.67	2.398
23	20	7,313	4,022	0.55	2.264	6,816	3,749	0.55	2.375	6,319	3,475	0.55	2.509
23	22	7,739	3,328	0.43	2.353	7,242	3,114	0.43	2.486	6,745	2,900	0.43	2.575
24	18	6,958	4,940	0.71	2.176	6,390	4,537	0.71	2.309	5,893	4,184	0.71	2.398
24	20	7,313	4,315	0.59	2.264	6,816	4,021	0.59	2.375	6,319	3,728	0.59	2.509
24	22	7,739	3,637	0.47	2.353	7,242	3,404	0.47	2.486	6,745	3,170	0.47	2.575
24	24	8,165	2,858	0.35	2.442	7,668	2,684	0.35	2.553	7,242	2,535	0.35	2.664
25	20	7,313	4,607	0.63	2.264	6,816	4,294	0.63	2.375	6,319	3,981	0.63	2.509
25	22	7,739	3,947	0.51	2.353	7,242	3,693	0.51	2.486	6,745	3,440	0.51	2.575
25	24	8,165	3,184	0.39	2.442	7,668	2,991	0.39	2.553	7,242	2,824	0.39	2.664
26	18	6,958	5,497	0.79	2.176	6,390	5,048	0.79	2.309	5,893	4,655	0.79	2.398
26	20	7,313	4,900	0.67	2.264	6,816	4,567	0.67	2.375	6,319	4,234	0.67	2.509
26	22	7,739	4,256	0.55	2.353	7,242	3,983	0.55	2.486	6,745	3,710	0.55	2.575
26	24	8,165	3,511	0.43	2.442	7,668	3,297	0.43	2.553	7,242	3,114	0.43	2.664
26	26	8,591	2,663	0.31	2.531	8,094	2,509	0.31	2.642	7,597	2,355	0.31	2.753
27	18	6,958	5,775	0.83	2.176	6,390	5,304	0.83	2.309	5,893	4,891	0.83	2.398
27	20	7,313	5,192	0.71	2.264	6,816	4,839	0.71	2.375	6,319	4,486	0.71	2.509
27	22	7,739	4,566	0.59	2.353	7,242	4,273	0.59	2.486	6,745	3,980	0.59	2.575
27	24	8,165	3,838	0.47	2.442	7,668	3,604	0.47	2.553	7,242	3,404	0.47	2.664
27	26	8,591	3,007	0.35	2.531	8,094	2,833	0.35	2.642	7,597	2,659	0.35	2.753
28	18	6,958	6,053	0.87	2.176	6,390	5,559	0.87	2.309	5,893	5,127	0.87	2.398
28	20	7,313	5,485	0.75	2.264	6,816	5,112	0.75	2.375	6,319	4,739	0.75	2.509
28	22	7,739	4,876	0.63	2.353	7,242	4,562	0.63	2.486	6,745	4,249	0.63	2.575
28	24	8,165	4,164	0.51	2.442	7,668	3,911	0.51	2.553	7,242	3,693	0.51	2.664
28	26	8,591	3,350	0.39	2.531	8,094	3,157	0.39	2.642	7,597	2,963	0.39	2.753
29	18	6,958	6,332	0.91	2.176	6,390	5,815	0.91	2.309	5,893	5,363	0.91	2.398
29	20	7,313	5,777	0.79	2.264	6,816	5,385	0.79	2.375	6,319	4,992	0.79	2.509
29	22	7,739	5,185	0.67	2.353	7,242	4,852	0.67	2.486	6,745	4,519	0.67	2.575
29	24	8,165	4,491	0.55	2.442	7,668	4,217	0.55	2.553	7,242	3,983	0.55	2.664
29	26	8,591	3,694	0.43	2.531	8,094	3,480	0.43	2.642	7,597	3,267	0.43	2.753
30	18	6,958	6,610	0.95	2.176	6,390	6,071	0.95	2.309	5,893	5,598	0.95	2.398
30	20	7,313	6,070	0.83	2.264	6,816	5,657	0.83	2.375	6,319	5,245	0.83	2.509
30	22	7,739	5,495	0.71	2.353	7,242	5,142	0.71	2.486	6,745	4,789	0.71	2.575
30	24	8,165	4,817	0.59	2.442	7,668	4,524	0.59	2.553	7,242	4,273	0.59	2.664
30	26	8,591	4,038	0.47	2.531	8,094	3,804	0.47	2.642	7,597	3,571	0.47	2.753
31	18	6,958	6,888	0.99	2.176	6,390	6,326	0.99	2.309	5,893	5,834	0.99	2.398
31	20	7,313	6,362	0.87	2.264	6,816	5,930	0.87	2.375	6,319	5,498	0.87	2.509
31	22	7,739	5,804	0.75	2.353	7,242	5,432	0.75	2.486	6,745	5,059	0.75	2.575
31	24	8,165	5,144	0.63	2.442	7,668	4,831	0.63	2.553	7,242	4,562	0.63	2.664
31	26	8,591	4,381	0.51	2.531	8,094	4,128	0.51	2.642	7,597	3,874	0.51	2.753
32	18	6,958	7,167	1.03	2.176	6,390	6,582	1.03	2.309	5,893	6,070	1.03	2.398
32	20	7,313	6,655	0.91	2.264	6,816	6,203	0.91	2.375	6,319	5,750	0.91	2.509
32	22	7,739	6,114	0.79	2.353	7,242	5,721	0.79	2.486	6,745	5,329	0.79	2.575
32	24	8,165	5,471	0.67	2.442	7,668	5,138	0.67	2.553	7,242	4,852	0.67	2.664
32	26	8,591	4,725	0.55	2.531	8,094	4,452	0.55	2.642	7,597	4,178	0.55	2.753

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SP100BA / SUZ-SA100VA

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	11,045	7,290	0.66	2.496	10,575	6,980	0.66	2.621	10,152	6,700	0.66	2.746	9,776	6,452	0.66	2.870
21	20	11,515	6,218	0.54	2.621	11,045	5,964	0.54	2.777	10,716	5,787	0.54	2.839	10,340	5,584	0.54	2.964
22	18	11,045	7,732	0.70	2.496	10,575	7,403	0.70	2.621	10,152	7,106	0.70	2.746	9,776	6,843	0.70	2.870
22	20	11,515	6,679	0.58	2.621	11,045	6,406	0.58	2.777	10,716	6,215	0.58	2.839	10,340	5,997	0.58	2.964
22	22	11,985	5,513	0.46	2.714	11,562	5,319	0.46	2.886	11,280	5,189	0.46	2.964	10,810	4,973	0.46	3.089
23	18	11,045	8,173	0.74	2.496	10,575	7,826	0.74	2.621	10,152	7,512	0.74	2.746	9,776	7,234	0.74	2.870
23	20	11,515	7,139	0.62	2.621	11,045	6,848	0.62	2.777	10,716	6,644	0.62	2.839	10,340	6,411	0.62	2.964
23	22	11,985	5,993	0.50	2.714	11,562	5,781	0.50	2.886	11,280	5,640	0.50	2.964	10,810	5,405	0.50	3.089
24	18	11,045	8,615	0.78	2.496	10,575	8,249	0.78	2.621	10,152	7,919	0.78	2.746	9,776	7,625	0.78	2.870
24	20	11,515	7,600	0.66	2.621	11,045	7,290	0.66	2.777	10,716	7,073	0.66	2.839	10,340	6,824	0.66	2.964
24	22	11,985	6,472	0.54	2.714	11,562	6,243	0.54	2.886	11,280	6,091	0.54	2.964	10,810	5,837	0.54	3.089
24	24	12,596	5,290	0.42	2.839	12,126	5,093	0.42	2.995	11,844	4,974	0.42	3.089	11,468	4,817	0.42	3.245
25	20	11,515	8,061	0.70	2.621	11,045	7,732	0.70	2.777	10,716	7,501	0.70	2.839	10,340	7,238	0.70	2.964
25	22	11,985	6,951	0.58	2.714	11,562	6,706	0.58	2.886	11,280	6,542	0.58	2.964	10,810	6,270	0.58	3.089
25	24	12,596	5,794	0.46	2.839	12,126	5,578	0.46	2.995	11,844	5,448	0.46	3.089	11,468	5,275	0.46	3.245
26	18	11,045	9,499	0.86	2.496	10,575	9,095	0.86	2.621	10,152	8,731	0.86	2.746	9,776	8,407	0.86	2.870
26	20	11,515	8,521	0.74	2.621	11,045	8,173	0.74	2.777	10,716	7,930	0.74	2.839	10,340	7,652	0.74	2.964
26	22	11,985	7,431	0.62	2.714	11,562	7,168	0.62	2.886	11,280	6,994	0.62	2.964	10,810	6,702	0.62	3.089
26	24	12,596	6,298	0.50	2.839	12,126	6,063	0.50	2.995	11,844	5,922	0.50	3.089	11,468	5,734	0.50	3.245
26	26	12,972	4,929	0.38	2.995	12,596	4,786	0.38	3.151	12,408	4,715	0.38	3.245	12,032	4,572	0.38	3.338
27	18	11,045	9,941	0.90	2.496	10,575	9,518	0.90	2.621	10,152	9,137	0.90	2.746	9,776	8,798	0.90	2.870
27	20	11,515	8,982	0.78	2.621	11,045	8,615	0.78	2.777	10,716	8,358	0.78	2.839	10,340	8,065	0.78	2.964
27	22	11,985	7,910	0.66	2.714	11,562	7,631	0.66	2.886	11,280	7,445	0.66	2.964	10,810	7,135	0.66	3.089
27	24	12,596	6,802	0.54	2.839	12,126	6,548	0.54	2.995	11,844	6,396	0.54	3.089	11,468	6,193	0.54	3.245
27	26	12,972	5,448	0.42	2.995	12,596	5,290	0.42	3.151	12,408	5,211	0.42	3.245	12,032	5,053	0.42	3.338
28	18	11,045	10,382	0.94	2.496	10,575	9,941	0.94	2.621	10,152	9,543	0.94	2.746	9,776	9,189	0.94	2.870
28	20	11,515	9,442	0.82	2.621	11,045	9,057	0.82	2.777	10,716	8,787	0.82	2.839	10,340	8,479	0.82	2.964
28	22	11,985	8,390	0.70	2.714	11,562	8,093	0.70	2.886	11,280	7,896	0.70	2.964	10,810	7,567	0.70	3.089
28	24	12,596	7,306	0.58	2.839	12,126	7,033	0.58	2.995	11,844	6,870	0.58	3.089	11,468	6,651	0.58	3.245
28	26	12,972	5,967	0.46	2.995	12,596	5,794	0.46	3.151	12,408	5,708	0.46	3.245	12,032	5,535	0.46	3.338
29	18	11,045	10,824	0.98	2.496	10,575	10,364	0.98	2.621	10,152	9,949	0.98	2.746	9,776	9,580	0.98	2.870
29	20	11,515	9,903	0.86	2.621	11,045	9,499	0.86	2.777	10,716	9,216	0.86	2.839	10,340	8,892	0.86	2.964
29	22	11,985	8,869	0.74	2.714	11,562	8,556	0.74	2.886	11,280	8,347	0.74	2.964	10,810	7,999	0.74	3.089
29	24	12,596	7,810	0.62	2.839	12,126	7,518	0.62	2.995	11,844	7,343	0.62	3.089	11,468	7,110	0.62	3.245
29	26	12,972	6,486	0.50	2.995	12,596	6,298	0.50	3.151	12,408	6,204	0.50	3.245	12,032	6,016	0.50	3.338
30	18	11,045	11,266	1.02	2.496	10,575	10,787	1.02	2.621	10,152	10,355	1.02	2.746	9,776	9,972	1.02	2.870
30	20	11,515	10,364	0.90	2.621	11,045	9,941	0.90	2.777	10,716	9,644	0.90	2.839	10,340	9,306	0.90	2.964
30	22	11,985	9,348	0.78	2.714	11,562	9,018	0.78	2.886	11,280	8,798	0.78	2.964	10,810	8,432	0.78	3.089
30	24	12,596	8,313	0.66	2.839	12,126	8,003	0.66	2.995	11,844	7,817	0.66	3.089	11,468	7,569	0.66	3.245
30	26	12,972	7,005	0.54	2.995	12,596	6,802	0.54	3.151	12,408	6,700	0.54	3.245	12,032	6,497	0.54	3.338
31	18	11,045	11,708	1.06	2.496	10,575	11,210	1.06	2.621	10,152	10,761	1.06	2.746	9,776	10,363	1.06	2.870
31	20	11,515	10,824	0.94	2.621	11,045	10,382	0.94	2.777	10,716	10,073	0.94	2.839	10,340	9,720	0.94	2.964
31	22	11,985	9,828	0.82	2.714	11,562	9,481	0.82	2.886	11,280	9,250	0.82	2.964	10,810	8,864	0.82	3.089
31	24	12,596	8,817	0.70	2.839	12,126	8,488	0.70	2.995	11,844	8,291	0.70	3.089	11,468	8,028	0.70	3.245
31	26	12,972	7,524	0.58	2.995	12,596	7,306	0.58	3.151	12,408	7,197	0.58	3.245	12,032	6,979	0.58	3.338
32	18	11,045	12,150	1.10	2.496	10,575	11,633	1.10	2.621	10,152	11,167	1.10	2.746	9,776	10,754	1.10	2.870
32	20	11,515	11,285	0.98	2.621	11,045	10,824	0.98	2.777	10,716	10,502	0.98	2.839	10,340	10,133	0.98	2.964
32	22	11,985	10,307	0.86	2.714	11,562	9,943	0.86	2.886	11,280	9,701	0.86	2.964	10,810	9,297	0.86	3.089
32	24	12,596	9,321	0.74	2.839	12,126	8,973	0.74	2.995	11,844	8,765	0.74	3.089	11,468	8,486	0.74	3.245
32	26	12,972	8,043	0.62	2.995	12,596	7,810	0.62	3.151	12,408	7,693	0.62	3.245	12,032	7,460	0.62	3.338

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SP100BA / SUZ-SA100VA

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	9,212	6,080	0.66	3.058	8,460	5,584	0.66	3.245	7,802	5,149	0.66	3.370
21	20	9,682	5,228	0.54	3.182	9,024	4,873	0.54	3.338	8,366	4,518	0.54	3.526
22	18	9,212	6,448	0.70	3.058	8,460	5,922	0.70	3.245	7,802	5,461	0.70	3.370
22	20	9,682	5,616	0.58	3.182	9,024	5,234	0.58	3.338	8,366	4,852	0.58	3.526
22	22	10,246	4,713	0.46	3.307	9,588	4,410	0.46	3.494	8,930	4,108	0.46	3.619
23	18	9,212	6,817	0.74	3.058	8,460	6,260	0.74	3.245	7,802	5,773	0.74	3.370
23	20	9,682	6,003	0.62	3.182	9,024	5,595	0.62	3.338	8,366	5,187	0.62	3.526
23	22	10,246	5,123	0.50	3.307	9,588	4,794	0.50	3.494	8,930	4,465	0.50	3.619
24	18	9,212	7,185	0.78	3.058	8,460	6,599	0.78	3.245	7,802	6,086	0.78	3.370
24	20	9,682	6,390	0.66	3.182	9,024	5,956	0.66	3.338	8,366	5,522	0.66	3.526
24	22	10,246	5,533	0.54	3.307	9,588	5,178	0.54	3.494	8,930	4,822	0.54	3.619
24	24	10,810	4,540	0.42	3.432	10,152	4,264	0.42	3.588	9,588	4,027	0.42	3.744
25	20	9,682	6,777	0.70	3.182	9,024	6,317	0.70	3.338	8,366	5,856	0.70	3.526
25	22	10,246	5,943	0.58	3.307	9,588	5,561	0.58	3.494	8,930	5,179	0.58	3.619
25	24	10,810	4,973	0.46	3.432	10,152	4,670	0.46	3.588	9,588	4,410	0.46	3.744
26	18	9,212	7,922	0.86	3.058	8,460	7,276	0.86	3.245	7,802	6,710	0.86	3.370
26	20	9,682	7,165	0.74	3.182	9,024	6,678	0.74	3.338	8,366	6,191	0.74	3.526
26	22	10,246	6,353	0.62	3.307	9,588	5,945	0.62	3.494	8,930	5,537	0.62	3.619
26	24	10,810	5,405	0.50	3.432	10,152	5,076	0.50	3.588	9,588	4,794	0.50	3.744
26	26	11,374	4,322	0.38	3.557	10,716	4,072	0.38	3.713	10,058	3,822	0.38	3.869
27	18	9,212	8,291	0.90	3.058	8,460	7,614	0.90	3.245	7,802	7,022	0.90	3.370
27	20	9,682	7,552	0.78	3.182	9,024	7,039	0.78	3.338	8,366	6,525	0.78	3.526
27	22	10,246	6,762	0.66	3.307	9,588	6,328	0.66	3.494	8,930	5,894	0.66	3.619
27	24	10,810	5,837	0.54	3.432	10,152	5,482	0.54	3.588	9,588	5,178	0.54	3.744
27	26	11,374	4,777	0.42	3.557	10,716	4,501	0.42	3.713	10,058	4,224	0.42	3.869
28	18	9,212	8,659	0.94	3.058	8,460	7,952	0.94	3.245	7,802	7,334	0.94	3.370
28	20	9,682	7,939	0.82	3.182	9,024	7,400	0.82	3.338	8,366	6,860	0.82	3.526
28	22	10,246	7,172	0.70	3.307	9,588	6,712	0.70	3.494	8,930	6,251	0.70	3.619
28	24	10,810	6,270	0.58	3.432	10,152	5,888	0.58	3.588	9,588	5,561	0.58	3.744
28	26	11,374	5,232	0.46	3.557	10,716	4,929	0.46	3.713	10,058	4,627	0.46	3.869
29	18	9,212	9,028	0.98	3.058	8,460	8,291	0.98	3.245	7,802	7,646	0.98	3.370
29	20	9,682	8,327	0.86	3.182	9,024	7,761	0.86	3.338	8,366	7,195	0.86	3.526
29	22	10,246	7,582	0.74	3.307	9,588	7,095	0.74	3.494	8,930	6,608	0.74	3.619
29	24	10,810	6,702	0.62	3.432	10,152	6,294	0.62	3.588	9,588	5,945	0.62	3.744
29	26	11,374	5,687	0.50	3.557	10,716	5,358	0.50	3.713	10,058	5,029	0.50	3.869
30	18	9,212	9,396	1.02	3.058	8,460	8,629	1.02	3.245	7,802	7,958	1.02	3.370
30	20	9,682	8,714	0.90	3.182	9,024	8,122	0.90	3.338	8,366	7,529	0.90	3.526
30	22	10,246	7,992	0.78	3.307	9,588	7,479	0.78	3.494	8,930	6,965	0.78	3.619
30	24	10,810	7,135	0.66	3.432	10,152	6,700	0.66	3.588	9,588	6,328	0.66	3.744
30	26	11,374	6,142	0.54	3.557	10,716	5,787	0.54	3.713	10,058	5,431	0.54	3.869
31	18	9,212	9,765	1.06	3.058	8,460	8,968	1.06	3.245	7,802	8,270	1.06	3.370
31	20	9,682	9,101	0.94	3.182	9,024	8,483	0.94	3.338	8,366	7,864	0.94	3.526
31	22	10,246	8,402	0.82	3.307	9,588	7,862	0.82	3.494	8,930	7,323	0.82	3.619
31	24	10,810	7,567	0.70	3.432	10,152	7,106	0.70	3.588	9,588	6,712	0.70	3.744
31	26	11,374	6,597	0.58	3.557	10,716	6,215	0.58	3.713	10,058	5,834	0.58	3.869
32	18	9,212	10,133	1.10	3.058	8,460	9,306	1.10	3.245	7,802	8,582	1.10	3.370
32	20	9,682	9,488	0.98	3.182	9,024	8,844	0.98	3.338	8,366	8,199	0.98	3.526
32	22	10,246	8,812	0.86	3.307	9,588	8,246	0.86	3.494	8,930	7,680	0.86	3.619
32	24	10,810	7,999	0.74	3.432	10,152	7,512	0.74	3.588	9,588	7,095	0.74	3.744
32	26	11,374	7,052	0.62	3.557	10,716	6,644	0.62	3.713	10,058	6,236	0.62	3.869

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SP100BA / PUHZ-SP100VHA, PUHZ-SP100YHA

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	5,956	0.64	2.50	9,024	5,775	0.64	2.64	8,742	5,595	0.64	2.79
20	18	9,964	5,181	0.52	2.54	9,682	5,035	0.52	2.68	9,353	4,864	0.52	2.87
20	20	10,716	4,286	0.40	2.62	10,481	4,192	0.40	2.75	10,199	4,080	0.40	2.93
22	16	9,306	6,700	0.72	2.50	9,024	6,497	0.72	2.64	8,742	6,294	0.72	2.79
22	18	9,964	5,978	0.60	2.54	9,682	5,809	0.60	2.68	9,353	5,612	0.60	2.87
22	20	10,716	5,144	0.48	2.62	10,481	5,031	0.48	2.75	10,199	4,896	0.48	2.93
24	16	9,306	7,445	0.80	2.50	9,024	7,219	0.80	2.64	8,742	6,994	0.80	2.79
24	18	9,964	6,776	0.68	2.54	9,682	6,584	0.68	2.68	9,353	6,360	0.68	2.87
24	20	10,716	6,001	0.56	2.62	10,481	5,869	0.56	2.75	10,199	5,711	0.56	2.93
24	22	11,421	5,025	0.44	2.68	11,186	4,922	0.44	2.84	10,904	4,798	0.44	3.03
26	16	9,306	8,189	0.88	2.50	9,024	7,941	0.88	2.64	8,742	7,693	0.88	2.79
26	18	9,964	7,573	0.76	2.54	9,682	7,358	0.76	2.68	9,353	7,108	0.76	2.87
26	20	10,716	6,858	0.64	2.62	10,481	6,708	0.64	2.75	10,199	6,527	0.64	2.93
26	22	11,421	5,939	0.52	2.68	11,186	5,817	0.52	2.84	10,904	5,670	0.52	3.03
27	16	9,306	8,562	0.92	2.50	9,024	8,302	0.92	2.64	8,742	8,043	0.92	2.79
27	18	9,964	7,971	0.80	2.54	9,682	7,746	0.80	2.68	9,353	7,482	0.80	2.87
27	20	10,716	7,287	0.68	2.62	10,481	7,127	0.68	2.75	10,199	6,935	0.68	2.93
27	22	11,421	6,396	0.56	2.68	11,186	6,264	0.56	2.84	10,904	6,106	0.56	3.03
28	16	9,306	8,934	0.96	2.50	9,024	8,663	0.96	2.64	8,742	8,392	0.96	2.79
28	18	9,964	8,370	0.84	2.54	9,682	8,133	0.84	2.68	9,353	7,857	0.84	2.87
28	20	10,716	7,716	0.72	2.62	10,481	7,546	0.72	2.75	10,199	7,343	0.72	2.93
28	22	11,421	6,853	0.60	2.68	11,186	6,712	0.60	2.84	10,904	6,542	0.60	3.03
30	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
30	18	9,964	9,167	0.92	2.54	9,682	8,907	0.92	2.68	9,353	8,605	0.92	2.87
30	20	10,716	8,573	0.80	2.62	10,481	8,385	0.80	2.75	10,199	8,159	0.80	2.93
30	22	11,421	7,766	0.68	2.68	11,186	7,606	0.68	2.84	10,904	7,415	0.68	3.03
32	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
32	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
32	20	10,716	9,430	0.88	2.62	10,481	9,223	0.88	2.75	10,199	8,975	0.88	2.93
32	22	11,421	8,680	0.76	2.68	11,186	8,501	0.76	2.84	10,904	8,287	0.76	3.03
34	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
34	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
34	20	10,716	10,287	0.96	2.62	10,481	10,062	0.96	2.75	10,199	9,791	0.96	2.93
34	22	11,421	9,594	0.84	2.68	11,186	9,396	0.84	2.84	10,904	9,159	0.84	3.03

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	5,354	0.64	3.00	7,990	5,114	0.64	3.21	7,614	4,873	0.64	3.48
20	18	9,024	4,692	0.52	3.07	8,742	4,546	0.52	3.31	8,178	4,253	0.52	3.56
20	20	9,776	3,910	0.40	3.15	9,400	3,760	0.40	3.37	8,836	3,534	0.40	3.62
22	16	8,366	6,024	0.72	3.00	7,990	5,753	0.72	3.21	7,614	5,482	0.72	3.48
22	18	9,024	5,414	0.60	3.07	8,742	5,245	0.60	3.31	8,178	4,907	0.60	3.56
22	20	9,776	4,692	0.48	3.15	9,400	4,512	0.48	3.37	8,836	4,241	0.48	3.62
24	16	8,366	6,693	0.80	3.00	7,990	6,392	0.80	3.21	7,614	6,091	0.80	3.48
24	18	9,024	6,136	0.68	3.07	8,742	5,945	0.68	3.31	8,178	5,561	0.68	3.56
24	20	9,776	5,475	0.56	3.15	9,400	5,264	0.56	3.37	8,836	4,948	0.56	3.62
24	22	10,528	4,632	0.44	3.21	10,152	4,467	0.44	3.46	9,588	4,219	0.44	3.68
26	16	8,366	7,362	0.88	3.00	7,990	7,031	0.88	3.21	7,614	6,700	0.88	3.48
26	18	9,024	6,858	0.76	3.07	8,742	6,644	0.76	3.31	8,178	6,215	0.76	3.56
26	20	9,776	6,257	0.64	3.15	9,400	6,016	0.64	3.37	8,836	5,655	0.64	3.62
26	22	10,528	5,475	0.52	3.21	10,152	5,279	0.52	3.46	9,588	4,986	0.52	3.68
27	16	8,366	7,697	0.92	3.00	7,990	7,351	0.92	3.21	7,614	7,005	0.92	3.48
27	18	9,024	7,219	0.80	3.07	8,742	6,994	0.80	3.31	8,178	6,542	0.80	3.56
27	20	9,776	6,648	0.68	3.15	9,400	6,392	0.68	3.37	8,836	6,008	0.68	3.62
27	22	10,528	5,896	0.56	3.21	10,152	5,685	0.56	3.46	9,588	5,369	0.56	3.68
28	16	8,366	8,031	0.96	3.00	7,990	7,670	0.96	3.21	7,614	7,309	0.96	3.48
28	18	9,024	7,580	0.84	3.07	8,742	7,343	0.84	3.31	8,178	6,870	0.84	3.56
28	20	9,776	7,039	0.72	3.15	9,400	6,768	0.72	3.37	8,836	6,362	0.72	3.62
28	22	10,528	6,317	0.60	3.21	10,152	6,091	0.60	3.46	9,588	5,753	0.60	3.68
30	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
30	18	9,024	8,302	0.92	3.07	8,742	8,043	0.92	3.31	8,178	7,524	0.92	3.56
30	20	9,776	7,821	0.80	3.15	9,400	7,520	0.80	3.37	8,836	7,069	0.80	3.62
30	22	10,528	7,159	0.68	3.21	10,152	6,903	0.68	3.46	9,588	6,520	0.68	3.68
32	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
32	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
32	20	9,776	8,603	0.88	3.15	9,400	8,272	0.88	3.37	8,836	7,776	0.88	3.62
32	22	10,528	8,001	0.76	3.21	10,152	7,716	0.76	3.46	9,588	7,287	0.76	3.68
34	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
34	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
34	20	9,776	9,385	0.96	3.15	9,400	9,024	0.96	3.37	8,836	8,483	0.96	3.62
34	22	10,528	8,844	0.84	3.21	10,152	8,528	0.84	3.46	9,588	8,054	0.84	3.68

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SP125BA / PUHZ-SP125VHA, PUHZ-SP125YHA

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,177	7,428	0.61	3.26	11,808	7,203	0.61	3.45	11,439	6,978	0.61	3.65
20	18	13,038	6,389	0.49	3.33	12,669	6,208	0.49	3.51	12,239	5,997	0.49	3.75
20	20	14,022	5,188	0.37	3.43	13,715	5,074	0.37	3.59	13,346	4,938	0.37	3.84
22	16	12,177	8,402	0.69	3.26	11,808	8,148	0.69	3.45	11,439	7,893	0.69	3.65
22	18	13,038	7,432	0.57	3.33	12,669	7,221	0.57	3.51	12,239	6,976	0.57	3.75
22	20	14,022	6,310	0.45	3.43	13,715	6,172	0.45	3.59	13,346	6,005	0.45	3.84
24	16	12,177	9,376	0.77	3.26	11,808	9,092	0.77	3.45	11,439	8,808	0.77	3.65
24	18	13,038	8,475	0.65	3.33	12,669	8,235	0.65	3.51	12,239	7,955	0.65	3.75
24	20	14,022	7,432	0.53	3.43	13,715	7,269	0.53	3.59	13,346	7,073	0.53	3.84
24	22	14,945	6,127	0.41	3.51	14,637	6,001	0.41	3.71	14,268	5,850	0.41	3.96
26	16	12,177	10,350	0.85	3.26	11,808	10,037	0.85	3.45	11,439	9,723	0.85	3.65
26	18	13,038	9,518	0.73	3.33	12,669	9,248	0.73	3.51	12,239	8,934	0.73	3.75
26	20	14,022	8,553	0.61	3.43	13,715	8,366	0.61	3.59	13,346	8,141	0.61	3.84
26	22	14,945	7,323	0.49	3.51	14,637	7,172	0.49	3.71	14,268	6,991	0.49	3.96
27	16	12,177	10,838	0.89	3.26	11,808	10,509	0.89	3.45	11,439	10,181	0.89	3.65
27	18	13,038	10,039	0.77	3.33	12,669	9,755	0.77	3.51	12,239	9,424	0.77	3.75
27	20	14,022	9,114	0.65	3.43	13,715	8,914	0.65	3.59	13,346	8,675	0.65	3.84
27	22	14,945	7,921	0.53	3.51	14,637	7,758	0.53	3.71	14,268	7,562	0.53	3.96
28	16	12,177	11,325	0.93	3.26	11,808	10,981	0.93	3.45	11,439	10,638	0.93	3.65
28	18	13,038	10,561	0.81	3.33	12,669	10,262	0.81	3.51	12,239	9,913	0.81	3.75
28	20	14,022	9,675	0.69	3.43	13,715	9,463	0.69	3.59	13,346	9,208	0.69	3.84
28	22	14,945	8,518	0.57	3.51	14,637	8,343	0.57	3.71	14,268	8,133	0.57	3.96
30	16	12,177	12,177	1.00	3.26	11,808	11,808	1.00	3.45	11,439	11,439	1.00	3.65
30	18	13,038	11,604	0.89	3.33	12,669	11,275	0.89	3.51	12,239	10,892	0.89	3.75
30	20	14,022	10,797	0.77	3.43	13,715	10,560	0.77	3.59	13,346	10,276	0.77	3.84
30	22	14,945	9,714	0.65	3.51	14,637	9,514	0.65	3.71	14,268	9,274	0.65	3.96
32	16	12,177	12,177	1.00	3.26	11,808	11,808	1.00	3.45	11,439	11,439	1.00	3.65
32	18	13,038	12,647	0.97	3.33	12,669	12,289	0.97	3.51	12,239	11,871	0.97	3.75
32	20	14,022	11,919	0.85	3.43	13,715	11,657	0.85	3.59	13,346	11,344	0.85	3.84
32	22	14,945	10,909	0.73	3.51	14,637	10,685	0.73	3.71	14,268	10,416	0.73	3.96
34	16	12,177	12,177	1.00	3.26	11,808	11,808	1.00	3.45	11,439	11,439	1.00	3.65
34	18	13,038	13,038	1.00	3.33	12,669	12,669	1.00	3.51	12,239	12,239	1.00	3.75
34	20	14,022	13,040	0.93	3.43	13,715	12,754	0.93	3.59	13,346	12,411	0.93	3.84
34	22	14,945	12,105	0.81	3.51	14,637	11,856	0.81	3.71	14,268	11,557	0.81	3.96

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,947	6,678	0.61	3.92	10,455	6,378	0.61	4.20	9,963	6,077	0.61	4.55
20	18	11,808	5,786	0.49	4.02	11,439	5,605	0.49	4.32	10,701	5,243	0.49	4.65
20	20	12,792	4,733	0.37	4.12	12,300	4,551	0.37	4.41	11,562	4,278	0.37	4.73
22	16	10,947	7,553	0.69	3.92	10,455	7,214	0.69	4.20	9,963	6,874	0.69	4.55
22	18	11,808	6,731	0.57	4.02	11,439	6,520	0.57	4.32	10,701	6,100	0.57	4.65
22	20	12,792	5,756	0.45	4.12	12,300	5,535	0.45	4.41	11,562	5,203	0.45	4.73
24	16	10,947	8,429	0.77	3.92	10,455	8,050	0.77	4.20	9,963	7,672	0.77	4.55
24	18	11,808	7,675	0.65	4.02	11,439	7,435	0.65	4.32	10,701	6,956	0.65	4.65
24	20	12,792	6,780	0.53	4.12	12,300	6,519	0.53	4.41	11,562	6,128	0.53	4.73
24	22	13,776	5,648	0.41	4.20	13,284	5,446	0.41	4.53	12,546	5,144	0.41	4.81
26	16	10,947	9,305	0.85	3.92	10,455	8,887	0.85	4.20	9,963	8,469	0.85	4.55
26	18	11,808	8,620	0.73	4.02	11,439	8,350	0.73	4.32	10,701	7,812	0.73	4.65
26	20	12,792	7,803	0.61	4.12	12,300	7,503	0.61	4.41	11,562	7,053	0.61	4.73
26	22	13,776	6,750	0.49	4.20	13,284	6,509	0.49	4.53	12,546	6,148	0.49	4.81
27	16	10,947	9,743	0.89	3.92	10,455	9,305	0.89	4.20	9,963	8,867	0.89	4.55
27	18	11,808	9,092	0.77	4.02	11,439	8,808	0.77	4.32	10,701	8,240	0.77	4.65
27	20	12,792	8,315	0.65	4.12	12,300	7,995	0.65	4.41	11,562	7,515	0.65	4.73
27	22	13,776	7,301	0.53	4.20	13,284	7,041	0.53	4.53	12,546	6,649	0.53	4.81
28	16	10,947	10,181	0.93	3.92	10,455	9,723	0.93	4.20	9,963	9,266	0.93	4.55
28	18	11,808	9,564	0.81	4.02	11,439	9,266	0.81	4.32	10,701	8,668	0.81	4.65
28	20	12,792	8,826	0.69	4.12	12,300	8,487	0.69	4.41	11,562	7,978	0.69	4.73
28	22	13,776	7,852	0.57	4.20	13,284	7,572	0.57	4.53	12,546	7,151	0.57	4.81
30	16	10,947	10,947	1.00	3.92	10,455	10,455	1.00	4.20	9,963	9,963	1.00	4.55
30	18	11,808	10,509	0.89	4.02	11,439	10,181	0.89	4.32	10,701	9,524	0.89	4.65
30	20	12,792	9,850	0.77	4.12	12,300	9,471	0.77	4.41	11,562	8,903	0.77	4.73
30	22	13,776	8,954	0.65	4.20	13,284	8,635	0.65	4.53	12,546	8,155	0.65	4.81
32	16	10,947	10,947	1.00	3.92	10,455	10,455	1.00	4.20	9,963	9,963	1.00	4.55
32	18	11,808	11,454	0.97	4.02	11,439	11,096	0.97	4.32	10,701	10,380	0.97	4.65
32	20	12,792	10,873	0.85	4.12	12,300	10,455	0.85	4.41	11,562	9,828	0.85	4.73
32	22	13,776	10,056	0.73	4.20	13,284	9,697	0.73	4.53	12,546	9,159	0.73	4.81
34	16	10,947	10,947	1.00	3.92	10,455	10,455	1.00	4.20	9,963	9,963	1.00	4.55
34	18	11,808	11,808	1.00	4.02	11,439	11,439	1.00	4.32	10,701	10,701	1.00	4.65
34	20	12,792	11,897	0.93	4.12	12,300	11,439	0.93	4.41	11,562	10,753	0.93	4.73
34	22	13,776	11,159	0.81	4.20	13,284	10,760	0.81	4.53	12,546	10,162	0.81	4.81

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PLA-SP140BA / PUHZ-SP140VHA, PUHZ-SP140YHA

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,870	7,851	0.61	3.98	12,480	7,613	0.61	4.21	12,090	7,375	0.61	4.46
20	18	13,780	6,752	0.49	4.06	13,390	6,561	0.49	4.28	12,935	6,338	0.49	4.58
20	20	14,820	5,483	0.37	4.18	14,495	5,363	0.37	4.38	14,105	5,219	0.37	4.68
22	16	12,870	8,880	0.69	3.98	12,480	8,611	0.69	4.21	12,090	8,342	0.69	4.46
22	18	13,780	7,855	0.57	4.06	13,390	7,632	0.57	4.28	12,935	7,373	0.57	4.58
22	20	14,820	6,669	0.45	4.18	14,495	6,523	0.45	4.38	14,105	6,347	0.45	4.68
24	16	12,870	9,910	0.77	3.98	12,480	9,610	0.77	4.21	12,090	9,309	0.77	4.46
24	18	13,780	8,957	0.65	4.06	13,390	8,704	0.65	4.28	12,935	8,408	0.65	4.58
24	20	14,820	7,855	0.53	4.18	14,495	7,682	0.53	4.38	14,105	7,476	0.53	4.68
24	22	15,795	6,476	0.41	4.28	15,470	6,343	0.41	4.53	15,080	6,183	0.41	4.83
26	16	12,870	10,940	0.85	3.98	12,480	10,608	0.85	4.21	12,090	10,277	0.85	4.46
26	18	13,780	10,059	0.73	4.06	13,390	9,775	0.73	4.28	12,935	9,443	0.73	4.58
26	20	14,820	9,040	0.61	4.18	14,495	8,842	0.61	4.38	14,105	8,604	0.61	4.68
26	22	15,795	7,740	0.49	4.28	15,470	7,580	0.49	4.53	15,080	7,389	0.49	4.83
27	16	12,870	11,454	0.89	3.98	12,480	11,107	0.89	4.21	12,090	10,760	0.89	4.46
27	18	13,780	10,611	0.77	4.06	13,390	10,310	0.77	4.28	12,935	9,960	0.77	4.58
27	20	14,820	9,633	0.65	4.18	14,495	9,422	0.65	4.38	14,105	9,168	0.65	4.68
27	22	15,795	8,371	0.53	4.28	15,470	8,199	0.53	4.53	15,080	7,992	0.53	4.83
28	16	12,870	11,969	0.93	3.98	12,480	11,606	0.93	4.21	12,090	11,244	0.93	4.46
28	18	13,780	11,162	0.81	4.06	13,390	10,846	0.81	4.28	12,935	10,477	0.81	4.58
28	20	14,820	10,226	0.69	4.18	14,495	10,002	0.69	4.38	14,105	9,732	0.69	4.68
28	22	15,795	9,003	0.57	4.28	15,470	8,818	0.57	4.53	15,080	8,596	0.57	4.83
30	16	12,870	12,870	1.00	3.98	12,480	12,480	1.00	4.21	12,090	12,090	1.00	4.46
30	18	13,780	12,264	0.89	4.06	13,390	11,917	0.89	4.28	12,935	11,512	0.89	4.58
30	20	14,820	11,411	0.77	4.18	14,495	11,161	0.77	4.38	14,105	10,861	0.77	4.68
30	22	15,795	10,267	0.65	4.28	15,470	10,056	0.65	4.53	15,080	9,802	0.65	4.83
32	16	12,870	12,870	1.00	3.98	12,480	12,480	1.00	4.21	12,090	12,090	1.00	4.46
32	18	13,780	13,367	0.97	4.06	13,390	12,988	0.97	4.28	12,935	12,547	0.97	4.58
32	20	14,820	12,597	0.85	4.18	14,495	12,321	0.85	4.38	14,105	11,989	0.85	4.68
32	22	15,795	11,530	0.73	4.28	15,470	11,293	0.73	4.53	15,080	11,008	0.73	4.83
34	16	12,870	12,870	1.00	3.98	12,480	12,480	1.00	4.21	12,090	12,090	1.00	4.46
34	18	13,780	13,780	1.00	4.06	13,390	13,390	1.00	4.28	12,935	12,935	1.00	4.58
34	20	14,820	13,783	0.93	4.18	14,495	13,480	0.93	4.38	14,105	13,118	0.93	4.68
34	22	15,795	12,794	0.81	4.28	15,470	12,531	0.81	4.53	15,080	12,215	0.81	4.83

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,570	7,058	0.61	4.78	11,050	6,741	0.61	5.13	10,530	6,423	0.61	5.55
20	18	12,480	6,115	0.49	4.91	12,090	5,924	0.49	5.28	11,310	5,542	0.49	5.68
20	20	13,520	5,002	0.37	5.03	13,000	4,810	0.37	5.38	12,220	4,521	0.37	5.78
22	16	11,570	7,983	0.69	4.78	11,050	7,625	0.69	5.13	10,530	7,266	0.69	5.55
22	18	12,480	7,114	0.57	4.91	12,090	6,891	0.57	5.28	11,310	6,447	0.57	5.68
22	20	13,520	6,084	0.45	5.03	13,000	5,850	0.45	5.38	12,220	5,499	0.45	5.78
24	16	11,570	8,909	0.77	4.78	11,050	8,509	0.77	5.13	10,530	8,108	0.77	5.55
24	18	12,480	8,112	0.65	4.91	12,090	7,859	0.65	5.28	11,310	7,352	0.65	5.68
24	20	13,520	7,166	0.53	5.03	13,000	6,890	0.53	5.38	12,220	6,477	0.53	5.78
24	22	14,560	5,970	0.41	5.13	14,040	5,756	0.41	5.53	13,260	5,437	0.41	5.88
26	16	11,570	9,835	0.85	4.78	11,050	9,393	0.85	5.13	10,530	8,951	0.85	5.55
26	18	12,480	9,110	0.73	4.91	12,090	8,826	0.73	5.28	11,310	8,256	0.73	5.68
26	20	13,520	8,247	0.61	5.03	13,000	7,930	0.61	5.38	12,220	7,454	0.61	5.78
26	22	14,560	7,134	0.49	5.13	14,040	6,880	0.49	5.53	13,260	6,497	0.49	5.88
27	16	11,570	10,297	0.89	4.78	11,050	9,835	0.89	5.13	10,530	9,372	0.89	5.55
27	18	12,480	9,610	0.77	4.91	12,090	9,309	0.77	5.28	11,310	8,709	0.77	5.68
27	20	13,520	8,788	0.65	5.03	13,000	8,450	0.65	5.38	12,220	7,943	0.65	5.78
27	22	14,560	7,717	0.53	5.13	14,040	7,441	0.53	5.53	13,260	7,028	0.53	5.88
28	16	11,570	10,760	0.93	4.78	11,050	10,277	0.93	5.13	10,530	9,793	0.93	5.55
28	18	12,480	10,109	0.81	4.91	12,090	9,793	0.81	5.28	11,310	9,161	0.81	5.68
28	20	13,520	9,329	0.69	5.03	13,000	8,970	0.69	5.38	12,220	8,432	0.69	5.78
28	22	14,560	8,299	0.57	5.13	14,040	8,003	0.57	5.53	13,260	7,558	0.57	5.88
30	16	11,570	11,570	1.00	4.78	11,050	11,050	1.00	5.13	10,530	10,530	1.00	5.55
30	18	12,480	11,107	0.89	4.91	12,090	10,760	0.89	5.28	11,310	10,066	0.89	5.68
30	20	13,520	10,410	0.77	5.03	13,000	10,010	0.77	5.38	12,220	9,409	0.77	5.78
30	22	14,560	9,464	0.65	5.13	14,040	9,126	0.65	5.53	13,260	8,619	0.65	5.88
32	16	11,570	11,570	1.00	4.78	11,050	11,050	1.00	5.13	10,530	10,530	1.00	5.55
32	18	12,480	12,106	0.97	4.91	12,090	11,727	0.97	5.28	11,310	10,971	0.97	5.68
32	20	13,520	11,492	0.85	5.03	13,000	11,050	0.85	5.38	12,220	10,387	0.85	5.78
32	22	14,560	10,629	0.73	5.13	14,040	10,249	0.73	5.53	13,260	9,680	0.73	5.88
34	16	11,570	11,570	1.00	4.78	11,050	11,050	1.00	5.13	10,530	10,530	1.00	5.55
34	18	12,480	12,480	1.00	4.91	12,090	12,090	1.00	5.28	11,310	11,310	1.00	5.68
34	20	13,520	12,574	0.93	5.03	13,000	12,090	0.93	5.38	12,220	11,365	0.93	5.78
34	22	14,560	11,794	0.81	5.13	14,040	11,372	0.81	5.53	13,260	10,741	0.81	5.88

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

HEATING CAPACITY
PLA-ZRP·BA / PUHZ-SHW·VHA(-BS), PUHZ-SHW·YHA(-BS)

(230V)

	Indoor intake air	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
	DB°C	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-ZRP100BA	15	7,112	1.57	7,728	1.73	8,624	2.00	11,312	2.40	12,768	2.67	14,224	2.88
	20	6,832	1.71	7,392	1.87	8,176	2.16	10,920	2.59	12,320	2.88	13,720	3.09
	25	6,608	1.81	7,168	2.03	7,840	2.35	10,304	2.75	11,872	3.08	13,216	3.32
PLA-ZRP125BA	15	8,890	2.29	9,660	2.52	10,780	2.91	14,140	3.49	15,960	3.88	17,780	4.19
	20	8,540	2.48	9,240	2.72	10,220	3.14	13,650	3.76	15,400	4.19	17,150	4.50
	25	8,260	2.64	8,960	2.95	9,800	3.41	12,880	4.00	14,840	4.48	16,520	4.83

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-RP·BA / PUHZ-SHW·VHA(-BS), PUHZ-SHW·YHA(-BS)

(230V)

	Indoor intake air	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
	DB°C	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-RP100BA	15	7,112	1.65	7,728	1.82	8,624	2.10	11,312	2.51	12,768	2.79	14,224	3.02
	20	6,832	1.79	7,392	1.96	8,176	2.26	10,920	2.71	12,320	3.02	13,720	3.24
	25	6,608	1.90	7,168	2.12	7,840	2.46	10,304	2.88	11,872	3.23	13,216	3.48
PLA-RP125BA	15	8,890	2.29	9,660	2.52	10,780	2.91	14,140	3.49	15,960	3.88	17,780	4.19
	20	8,540	2.48	9,240	2.72	10,220	3.14	13,650	3.76	15,400	4.19	17,150	4.50
	25	8,260	2.64	8,960	2.95	9,800	3.41	12,880	4.00	14,840	4.48	16,520	4.83

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-ZRP·BA / PUHZ-ZRP·VKA(2), PUHZ-ZRP·VHA,PUHZ-ZRP·YKA(2)

(230V)

	Indoor intake air	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
	DB°C	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-ZRP35BA	15	2,604	0.51	2,829	0.56	3,157	0.65	4,141	0.77	4,674	0.86	5,207	0.93
	20	2,501	0.55	2,706	0.60	2,993	0.70	3,998	0.83	4,510	0.93	5,023	1.00
	25	2,419	0.58	2,624	0.65	2,870	0.76	3,772	0.89	4,346	0.99	4,838	1.07
PLA-ZRP50BA	15	3,810	0.93	4,140	1.02	4,620	1.18	6,060	1.41	6,840	1.57	7,620	1.70
	20	3,660	1.00	3,960	1.10	4,380	1.27	5,850	1.52	6,600	1.70	7,350	1.82
	25	3,540	1.07	3,840	1.19	4,200	1.38	5,520	1.62	6,360	1.81	7,080	1.95
PLA-ZRP60BA	15	4,445	1.20	4,830	1.33	5,390	1.53	7,070	1.84	7,980	2.04	8,890	2.20
	20	4,270	1.31	4,620	1.43	5,110	1.65	6,825	1.98	7,700	2.20	8,575	2.37
	25	4,130	1.39	4,480	1.55	4,900	1.80	6,440	2.10	7,420	2.36	8,260	2.54
PLA-ZRP71BA	15	5,080	1.17	5,520	1.29	6,160	1.49	8,080	1.79	9,120	1.99	10,160	2.15
	20	4,880	1.27	5,280	1.39	5,840	1.61	7,800	1.93	8,800	2.15	9,800	2.31
	25	4,720	1.35	5,120	1.51	5,600	1.75	7,360	2.05	8,480	2.30	9,440	2.48
PLA-ZRP100BA	15	7,112	1.53	7,728	1.69	8,624	1.95	11,312	2.34	12,768	2.60	14,224	2.81
	20	6,832	1.66	7,392	1.82	8,176	2.11	10,920	2.52	12,320	2.81	13,720	3.02
	25	6,608	1.77	7,168	1.98	7,840	2.29	10,304	2.68	11,872	3.00	13,216	3.24
PLA-ZRP125BA	15	8,890	2.17	9,660	2.39	10,780	2.75	14,140	3.30	15,960	3.67	17,780	3.96
	20	8,540	2.35	9,240	2.57	10,220	2.97	13,650	3.56	15,400	3.96	17,150	4.26
	25	8,260	2.50	8,960	2.79	9,800	3.23	12,880	3.78	14,840	4.24	16,520	4.57
PLA-ZRP140BA	15	10,160	2.77	11,040	3.06	12,320	3.53	16,160	4.23	18,240	4.70	20,320	5.08
	20	9,760	3.01	10,560	3.29	11,680	3.81	15,600	4.56	17,600	5.08	19,600	5.45
	25	9,440	3.20	10,240	3.57	11,200	4.14	14,720	4.84	16,960	5.43	18,880	5.85

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-ZRP·BA / PUHZ-FRP71VHA

	Indoor intake air	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
	DB°C	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-ZRP71BA	15	5,080	1.21	5,520	1.33	6,160	1.54	8,080	1.85	9,120	2.05	10,160	2.21
	20	4,880	1.31	5,280	1.44	5,840	1.66	7,800	1.99	8,800	2.21	9,800	2.38
	25	4,720	1.39	5,120	1.56	5,600	1.80	7,360	2.11	8,480	2.37	9,440	2.55

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-RP·BA / PUHZ-ZRP·VKA(2), PUHZ-ZRP·VHA,PUHZ-ZRP·YKA(2)

(230V)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-RP35BA	15	2,604	0.57	2,829	0.62	3,157	0.72	4,141	0.86	4,674	0.96	5,207	1.04
	20	2,501	0.61	2,706	0.67	2,993	0.78	3,998	0.93	4,510	1.04	5,023	1.11
	25	2,419	0.65	2,624	0.73	2,870	0.84	3,772	0.99	4,346	1.11	4,838	1.20
PLA-RP50BA	15	3,810	1.07	4,140	1.18	4,620	1.37	6,060	1.64	6,840	1.82	7,620	1.97
	20	3,660	1.16	3,960	1.27	4,380	1.47	5,850	1.77	6,600	1.97	7,350	2.11
	25	3,540	1.24	3,840	1.38	4,200	1.60	5,520	1.87	6,360	2.10	7,080	2.27
PLA-RP60BA	15	4,445	1.28	4,830	1.41	5,390	1.63	7,070	1.95	7,980	2.17	8,890	2.34
	20	4,270	1.39	4,620	1.52	5,110	1.76	6,825	2.10	7,700	2.34	8,575	2.52
	25	4,130	1.48	4,480	1.65	4,900	1.91	6,440	2.24	7,420	2.51	8,260	2.70
PLA-RP71BA	15	5,080	1.30	5,520	1.44	6,160	1.66	8,080	1.99	9,120	2.21	10,160	2.39
	20	4,880	1.41	5,280	1.55	5,840	1.79	7,800	2.14	8,800	2.39	9,800	2.56
	25	4,720	1.50	5,120	1.68	5,600	1.94	7,360	2.28	8,480	2.55	9,440	2.75
PLA-RP100BA	15	7,112	1.74	7,728	1.92	8,624	2.21	11,312	2.66	12,768	2.95	14,224	3.19
	20	6,832	1.89	7,392	2.07	8,176	2.39	10,920	2.86	12,320	3.19	13,720	3.42
	25	6,608	2.01	7,168	2.24	7,840	2.60	10,304	3.04	11,872	3.41	13,216	3.67
PLA-RP125BA	15	8,890	2.31	9,660	2.54	10,780	2.93	14,140	3.52	15,960	3.91	17,780	4.22
	20	8,540	2.50	9,240	2.74	10,220	3.17	13,650	3.79	15,400	4.22	17,150	4.54
	25	8,260	2.66	8,960	2.97	9,800	3.44	12,880	4.03	14,840	4.52	16,520	4.87
PLA-RP140BA2	15	10,160	2.81	11,040	3.09	12,320	3.57	16,160	4.28	18,240	4.76	20,320	5.14
	20	9,760	3.05	10,560	3.33	11,680	3.86	15,600	4.62	17,600	5.14	19,600	5.52
	25	9,440	3.24	10,240	3.62	11,200	4.19	14,720	4.90	16,960	5.50	18,880	5.93

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-SP·BA / SUZ-SA·VA(2)

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-SP71BA	15	4,000	1.295	5,040	1.619	6,080	1.942	7,120	2.191	8,160	2.366	9,200	2.515	10,160	2.590	11,200	2.639
	21	3,760	1.379	4,800	1.743	5,760	2.067	6,800	2.291	7,760	2.465	8,800	2.590	9,760	2.664	10,760	2.764
	26	3,280	1.494	4,320	1.868	5,360	2.191	6,320	2.415	7,360	2.590	8,400	2.714	9,360	2.789	10,400	2.864
PLA-SP100BA	15	5,600	1.810	7,056	2.262	8,512	2.714	9,968	3.062	11,424	3.306	12,880	3.515	14,224	3.619	15,680	3.689
	21	5,264	1.928	6,720	2.436	8,064	2.888	9,520	3.202	10,864	3.445	12,320	3.619	13,664	3.724	15,064	3.863
	26	4,592	2.088	6,048	2.610	7,504	3.062	8,848	3.376	10,304	3.619	11,760	3.793	13,104	3.898	14,560	4.002

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-SP·BA / PUHZ-SP·VHA, PUHZ-SP·YHA

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-SP100BA	15	7,112	2.06	7,728	2.27	8,624	2.62	11,312	3.14	12,768	3.49	14,224	3.77
	20	6,832	2.23	7,392	2.44	8,176	2.83	10,920	3.39	12,320	3.77	13,720	4.05
	25	6,608	2.37	7,168	2.65	7,840	3.07	10,304	3.59	11,872	4.03	13,216	4.35
PLA-SP125BA	15	8,573	2.34	9,315	2.57	10,395	2.97	13,635	3.56	15,390	3.96	17,145	4.28
	20	8,235	2.53	8,910	2.77	9,855	3.21	13,163	3.84	14,850	4.28	16,538	4.59
	25	7,965	2.69	8,640	3.01	9,450	3.48	12,420	4.08	14,310	4.57	15,930	4.93
PLA-SP140BA	15	9,843	2.85	10,695	3.14	11,935	3.62	15,655	4.35	17,670	4.83	19,685	5.22
	20	9,455	3.09	10,230	3.38	11,315	3.91	15,113	4.69	17,050	5.22	18,988	5.60
	25	9,145	3.28	9,920	3.67	10,850	4.25	14,260	4.97	16,430	5.58	18,290	6.01

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-RP·BA / SUZ-KA-VA5

(230V)

	Indoor intake air	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
	DB℃	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-RP35BA	15	2,050	0.54	2,583	0.676	3,116	0.811	3,649	0.915	4,182	0.988	4,715	1.050	5,207	1.082	5,740	1.102
	21	1,927	0.58	2,460	0.728	2,952	0.863	3,485	0.957	3,977	1.030	4,510	1.082	5,002	1.113	5,515	1.154
	26	1,681	0.62	2,214	0.780	2,747	0.915	3,239	1.009	3,772	1.082	4,305	1.134	4,797	1.165	5,330	1.196
PLA-RP50BA	15	3,000	0.910	3,780	1.138	4,560	1.365	5,340	1.540	6,120	1.663	6,900	1.768	7,620	1.820	8,400	1.855
	21	2,820	0.970	3,600	1.225	4,320	1.453	5,100	1.610	5,820	1.733	6,600	1.820	7,320	1.873	8,070	1.943
	26	2,460	1.050	3,240	1.313	4,020	1.540	4,740	1.698	5,520	1.820	6,300	1.908	7,020	1.960	7,800	2.013
PLA-RP60BA	15	3,500	1.071	4,410	1.339	5,320	1.607	6,230	1.813	7,140	1.957	8,050	2.081	8,890	2.142	9,800	2.184
	21	3,290	1.141	4,200	1.442	5,040	1.710	5,950	1.895	6,790	2.039	7,700	2.142	8,540	2.204	9,415	2.287
	26	2,870	1.236	3,780	1.545	4,690	1.813	5,530	1.998	6,440	2.142	7,350	2.245	8,190	2.307	9,100	2.369
PLA-RP71BA	15	4,000	1.168	5,040	1.461	6,080	1.753	7,120	1.977	8,160	2.135	9,200	2.269	10,160	2.337	11,200	2.382
	21	3,760	1.245	4,800	1.573	5,760	1.865	6,800	2.067	7,760	2.225	8,800	2.337	9,760	2.404	10,760	2.494
	26	3,280	1.348	4,320	1.685	5,360	1.977	6,320	2.180	7,360	2.337	8,400	2.449	9,360	2.517	10,400	2.584

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-RP·BA / PUHZ-P·VHA3, PUHZ-P·VHA4,PUHZ-P·YHA, PUHZ-P·YHA2

(230V)

	Indoor intake air	Outdoor intake air W.B.(℃)											
		-10		-5		0		5		10		15	
	D.B.(℃)	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-RP100BA	15	7,112	1.94	7,728	2.13	8,624	2.46	11,312	2.95	12,768	3.28	14,224	3.54
	20	6,832	2.10	7,392	2.30	8,176	2.66	10,920	3.18	12,320	3.54	13,720	3.80
	25	6,608	2.23	7,168	2.49	7,840	2.89	10,304	3.38	11,872	3.79	13,216	4.08
PLA-RP125BA	15	8,890	2.42	9,660	2.67	10,780	3.08	14,140	3.70	15,960	4.11	17,780	4.44
	20	8,540	2.63	9,240	2.88	10,220	3.33	13,650	3.99	15,400	4.44	17,150	4.77
	25	8,260	2.79	8,960	3.12	9,800	3.62	12,880	4.23	14,840	4.75	16,520	5.12
PLA-RP140BA2	15	10,160	2.94	11,040	3.24	12,320	3.74	16,160	4.48	18,240	4.98	20,320	5.38
	20	9,760	3.19	10,560	3.49	11,680	4.03	15,600	4.83	17,600	5.38	19,600	5.78
	25	9,440	3.39	10,240	3.78	11,200	4.38	14,720	5.13	16,960	5.75	18,880	6.20

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PLA-ZRP·BA / PUHZ-P·VHA3, PUHZ-P·VHA4, PUHZ-P·YHA, PUHZ-P·YHA2

(230V)

	Indoor intake air	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
	DB℃	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PLA-ZRP100BA	15	7,112	1.85	7,728	2.04	8,624	2.35	11,312	2.82	12,768	3.14	14,224	3.39
	20	6,832	2.01	7,392	2.20	8,176	2.54	10,920	3.04	12,320	3.39	13,720	3.64
	25	6,608	2.13	7,168	2.38	7,840	2.76	10,304	3.23	11,872	3.62	13,216	3.91
PLA-ZRP125BA	15	8,890	2.35	9,660	2.59	10,780	2.99	14,140	3.59	15,960	3.99	17,780	4.31
	20	8,540	2.55	9,240	2.79	10,220	3.23	13,650	3.87	15,400	4.31	17,150	4.63
	25	8,260	2.71	8,960	3.03	9,800	3.51	12,880	4.11	14,840	4.61	16,520	4.97
PLA-ZRP140BA	15	10,160	2.91	11,040	3.21	12,320	3.70	16,160	4.44	18,240	4.94	20,320	5.33
	20	9,760	3.16	10,560	3.46	11,680	4.00	15,600	4.79	17,600	5.33	19,600	5.73
	25	9,440	3.36	10,240	3.75	11,200	4.35	14,720	5.09	16,960	5.70	18,880	6.15

Note: CA : Capacity (W) P.C. : Total power input (kW)

A.1.6 FRESH AIR INTAKE AND BRANCH DUCT

1. Branch duct hole and fresh air intake hole (Fig. 1)

At the time of installation, use the duct holes (cut out) locatedat the positions shown in Fig.1, as and when required.
• A fresh air intake hole for the optional multi function casement can also be made.

Note:
The figure marked with * in the drawing represent the dimensions of the main unit excluding those of the optional multi function casement.
When installing the optional multi function casement, add 135 mm to the dimensions marked on the figure.
When installing the branch ducts, be sure to insulate adequately.
Otherwise condensation and dripping may occur.

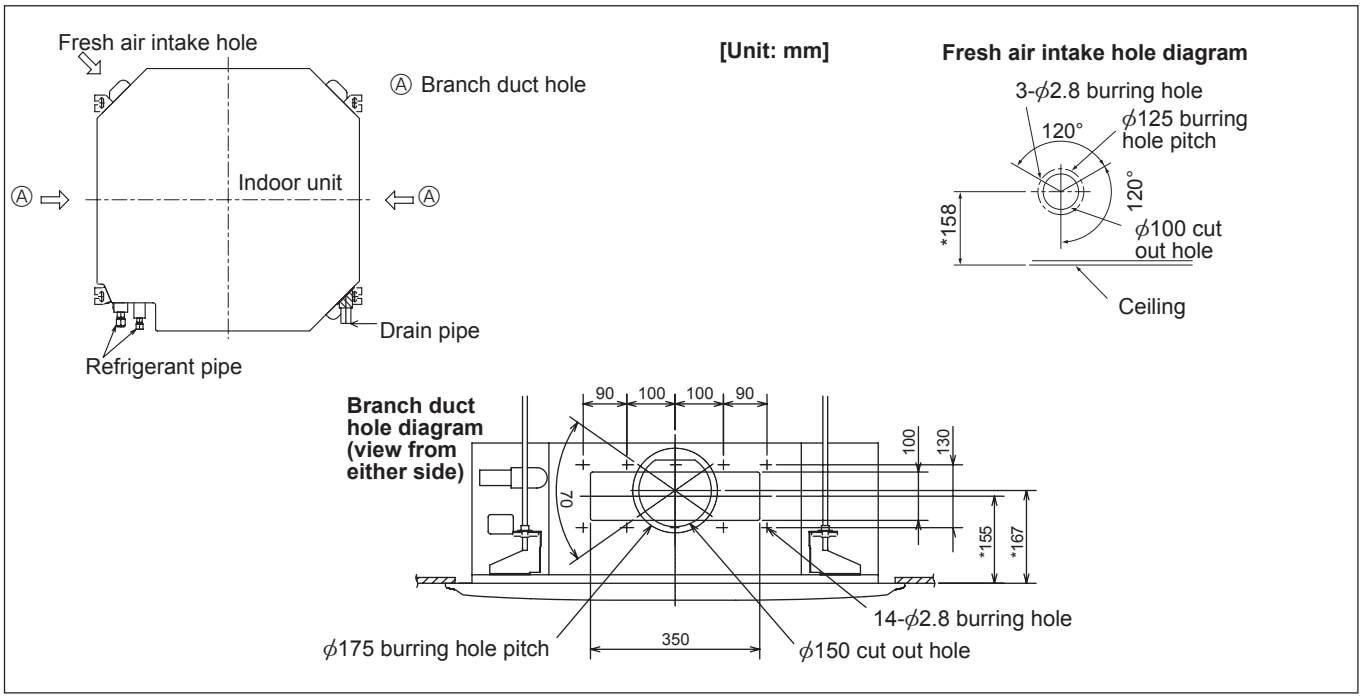
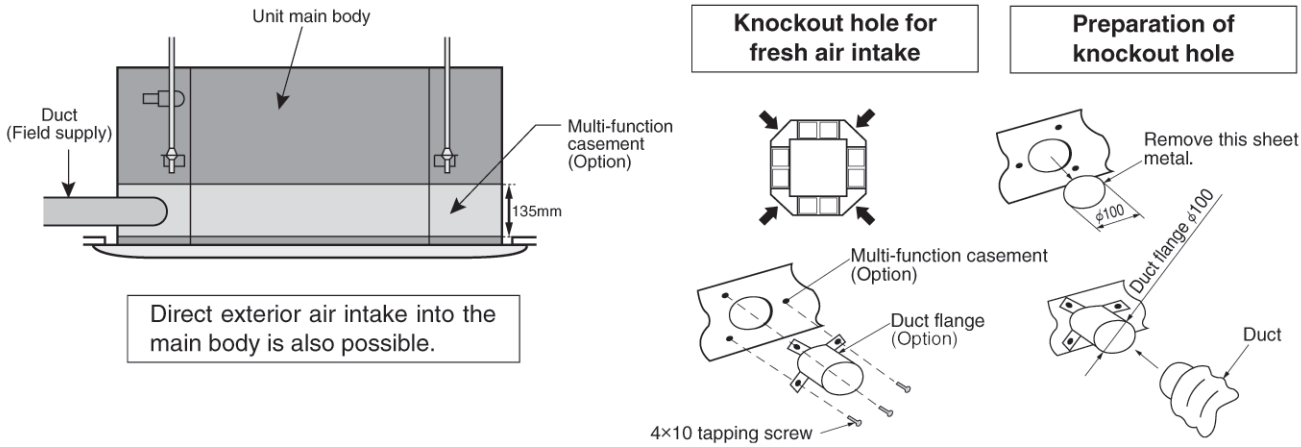


Fig. 1

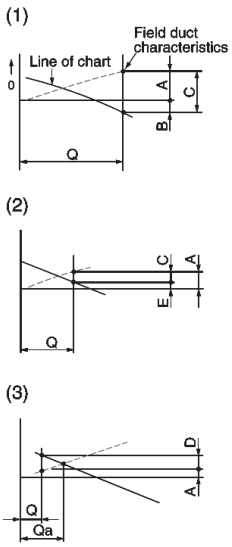
2. Fresh air intake (Installation at site)

- By mounting the optional multi-function casement to the indoor unit main body, and mounting the duct and duct flange (option) onto it further, fresh exterior air intake can be accomplished.
  (The mounting of the multi-function casement increases the height of the ceiling plenum by 135mm.)



3. Fresh air intake volume & static pressure characteristics

How to read the chart



Q .... Design fresh air intake volume (m³/min)

A ..... Static pressure loss [Pa] of fesh air intake duct at air flow rate of Q

B ..... Required boost pressure [Pa] of air conditioner inlet at air flow rate of Q

C ..... Required static pressure [Pa] of booster fan at air flow rate of Q

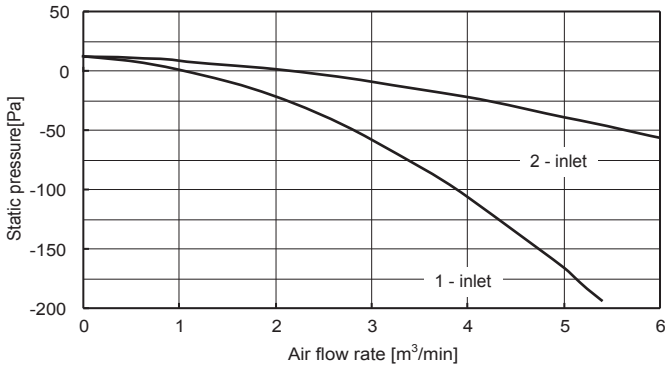
D ..... Required compensation [Pa] for static prssure loss of fresh air intake duct to make air flow rate Q

E ..... Static pressure [Pa] of indoor unit at air flow rate of Q

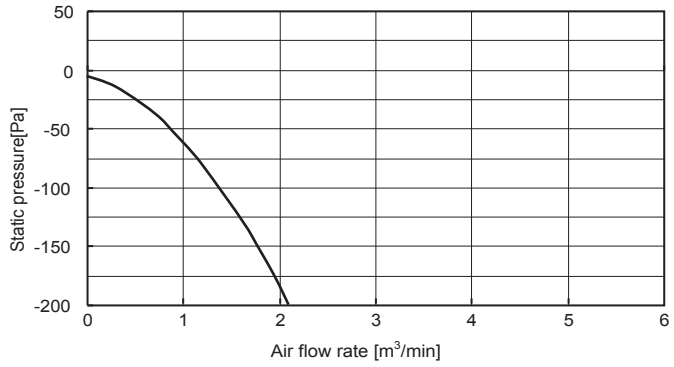
Qa .. Estimated fresh air intake [m³/min] without compensation of D

PLA-RP35~71BA, PLA-ZRP35~60BA
PLA-SP71BA

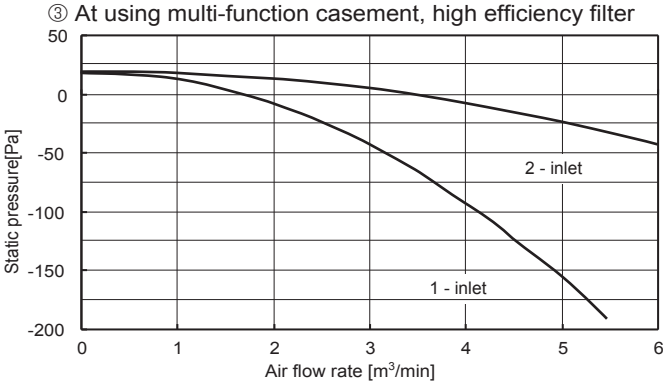
① At using multi-function casement, standard filter



② Direct intake to unit

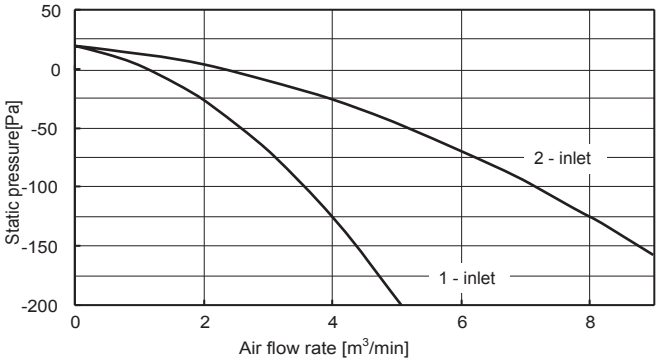


③ At using multi-function casement, high efficiency filter

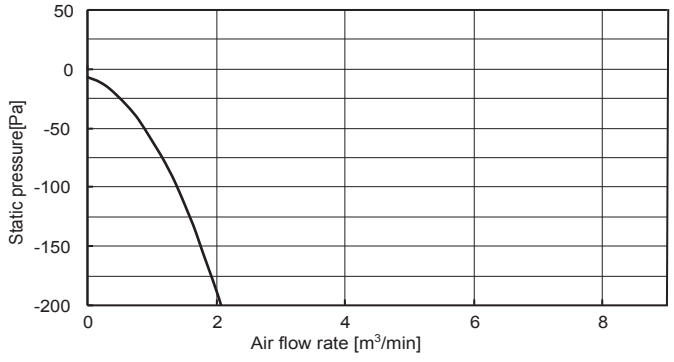


PLA-RP100~125BA, PLA-RP140BA2, PLA-ZRP71~140BA
PLA-SP100~140BA

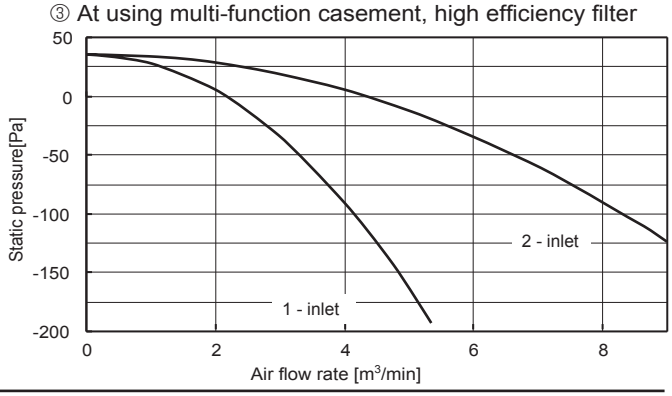
① At using multi-function casement, standard filter



② Direct intake to unit



③ At using multi-function casement, high efficiency filter

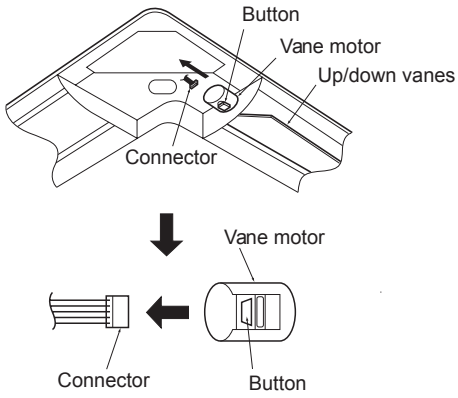


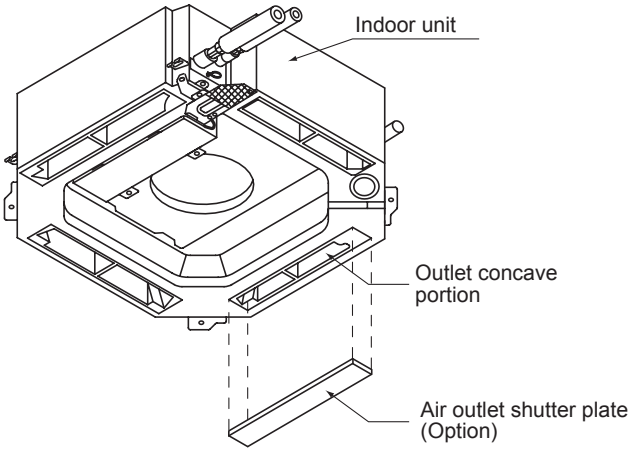
4. Change of outlet numbers

[The optional air outlet shutter is necessary.]

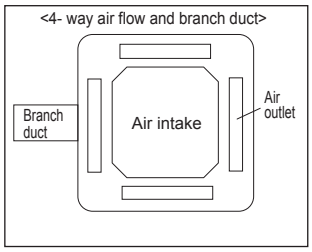
To change the air outlet numbers to 3-, or 2-way outlet, the outlets should be closed with the optional air outlet shutter.)

(When the air outlets are closed, close the vane by removing the vane connector.)

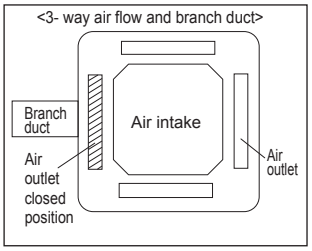




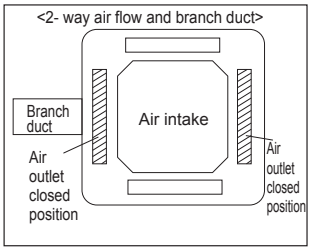
5. Branch duct and change of outlet numbers



※ Branch duct should be connected to one of the branch duct holes on the main unit.



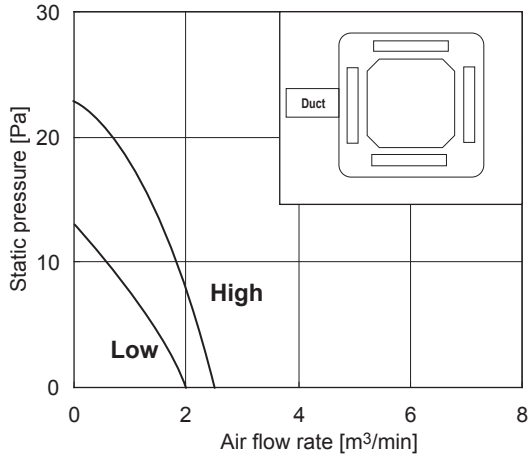
※ Close the outlet on the side of branch duct and air flows in 3 directions.



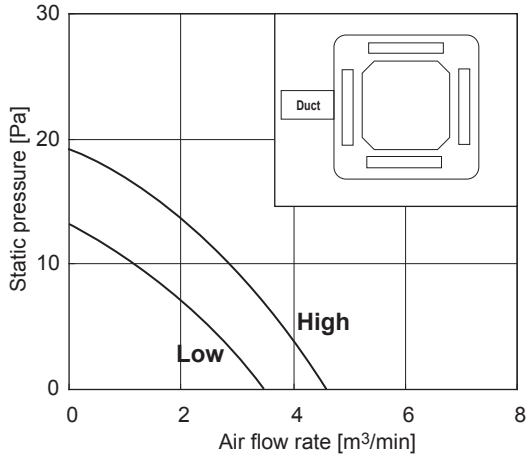
※ The outlet on the side of branch duct and one of the other outlets are closed.
Air flow in 2 directions.

PLA-RP71BA

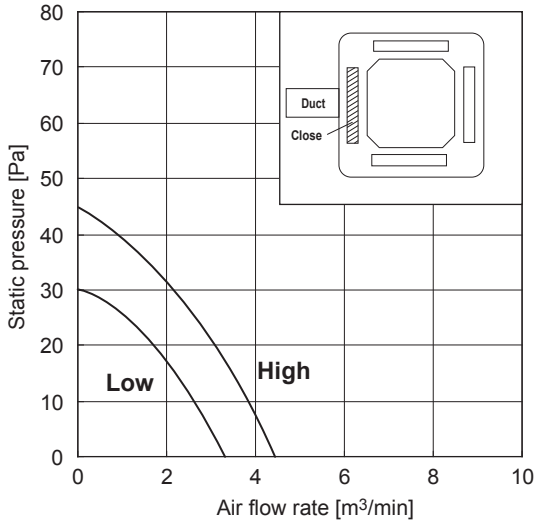
●4-way air flow (horizontal vane) Round duct



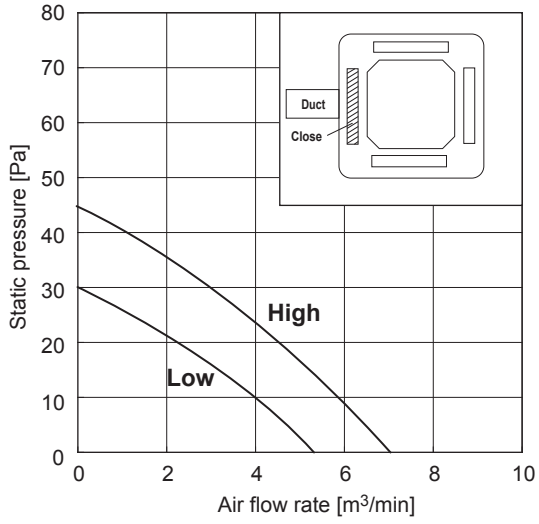
●4-way air flow (horizontal vane) Rectangular duct



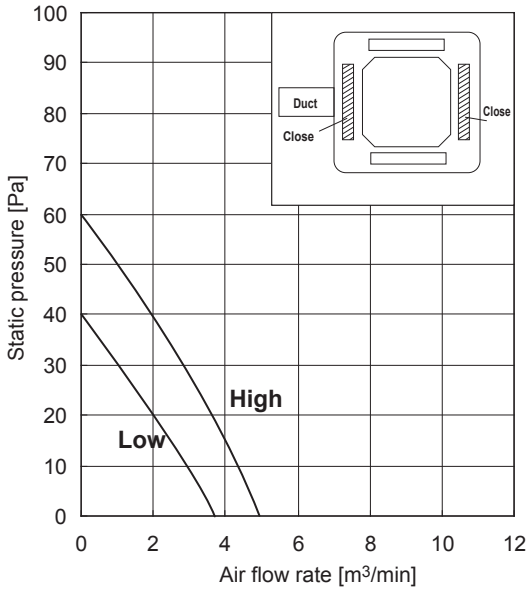
●3-way air flow (horizontal vane) Round duct



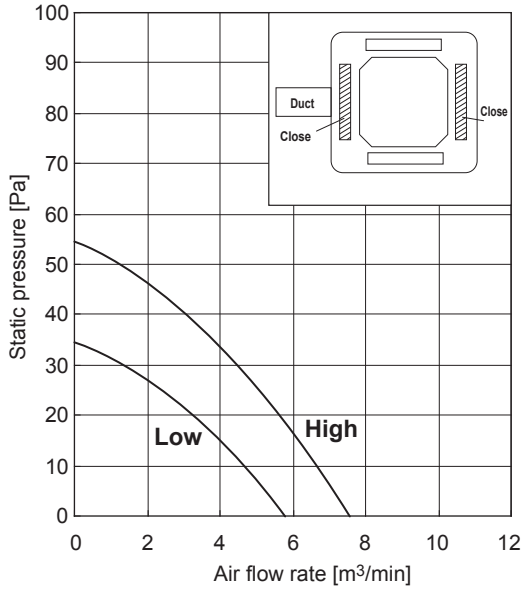
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



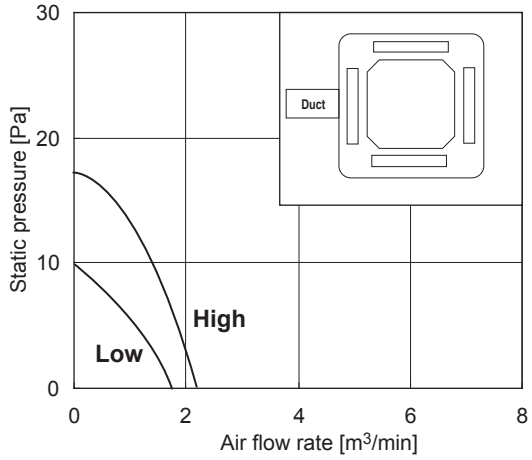
●2-way air flow (horizontal vane) Rectangular duct



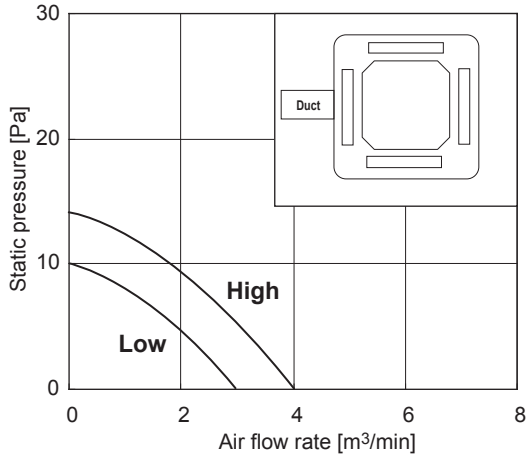
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-RP35~60BA can be calculated from the air flow rate based on the characteristic of the duct for PLA-RP71BA.
- Use the optional air outlet shutter plate (PAC-SH51SP-E) for 3-way and 2-way air flow.

PLA-ZRP60BA

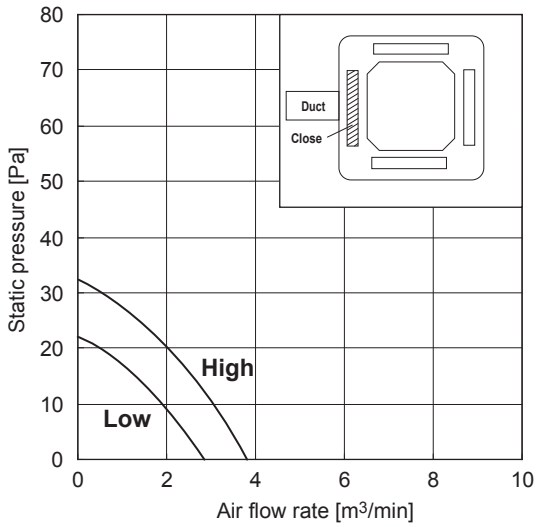
●4-way air flow (horizontal vane) Round duct



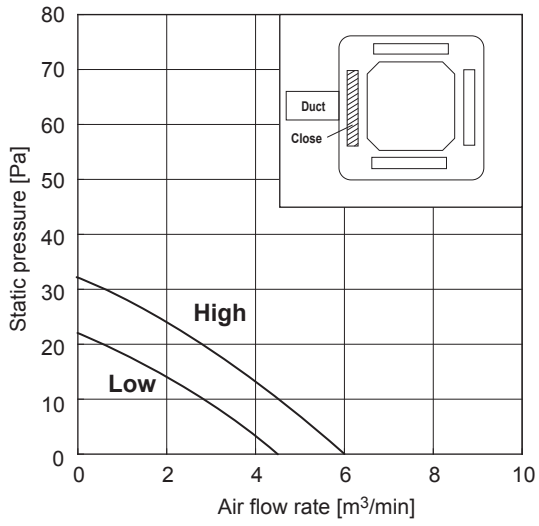
●4-way air flow (horizontal vane) Rectangular duct



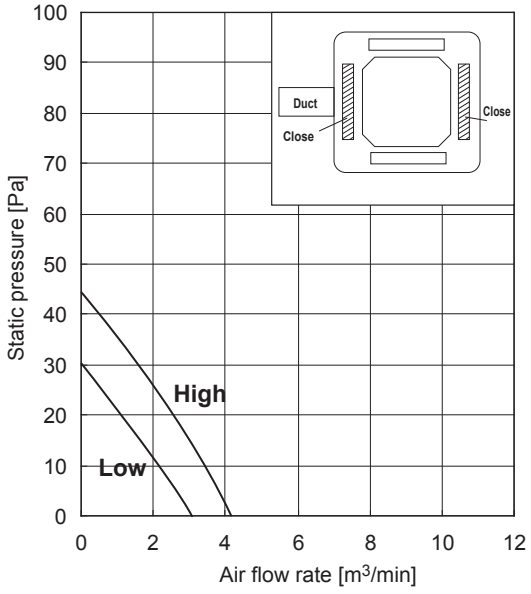
●3-way air flow (horizontal vane) Round duct



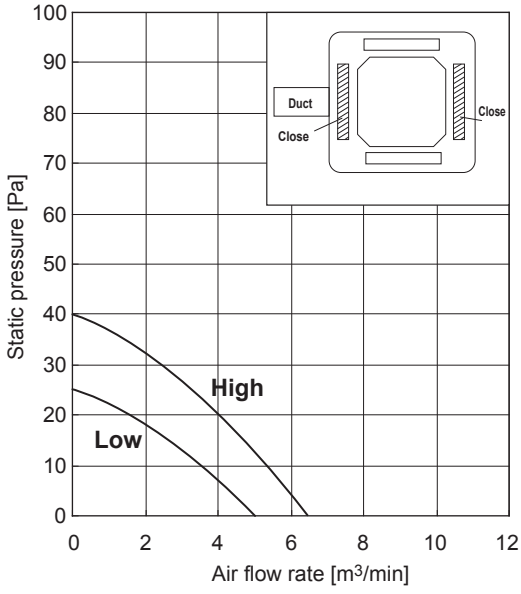
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



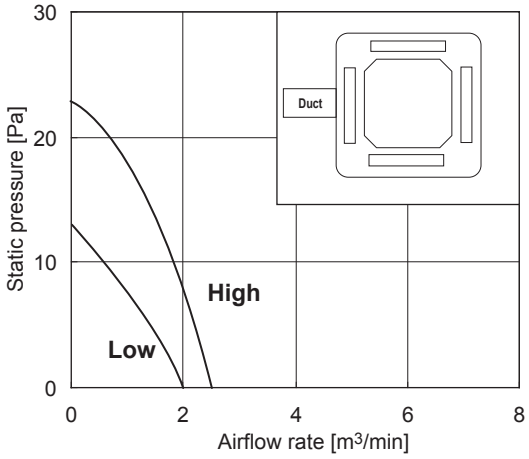
●2-way air flow (horizontal vane) Rectangular duct



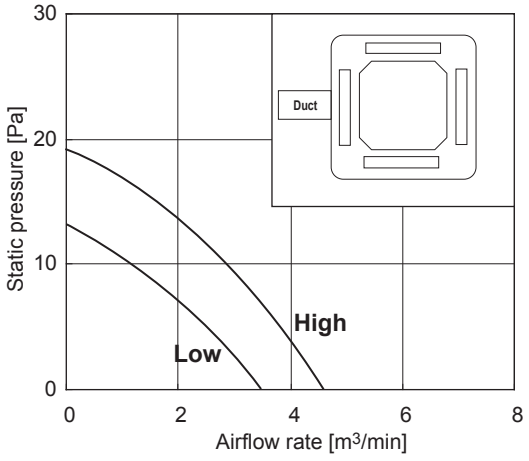
- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-ZRP35~50BA can be calculated from the air flow rate based on the characteristic of the duct for PLA-ZRP60BA.
- Use the optional air outlet shutter plate (PAC-SH51SP-E) for 3-way and 2-way air flow.

PLA-SP71BA

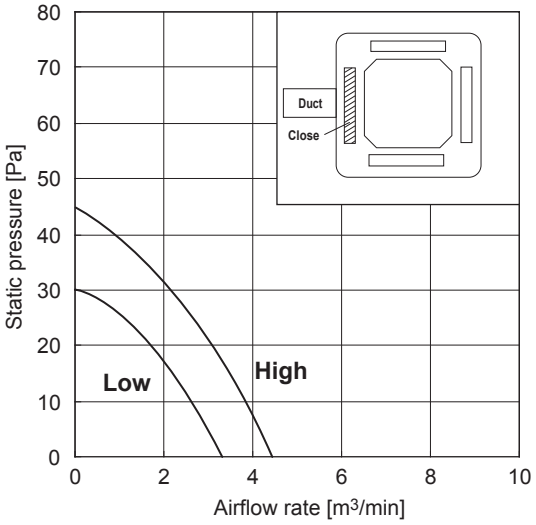
●4-way airflow (horizontal vane) Round duct



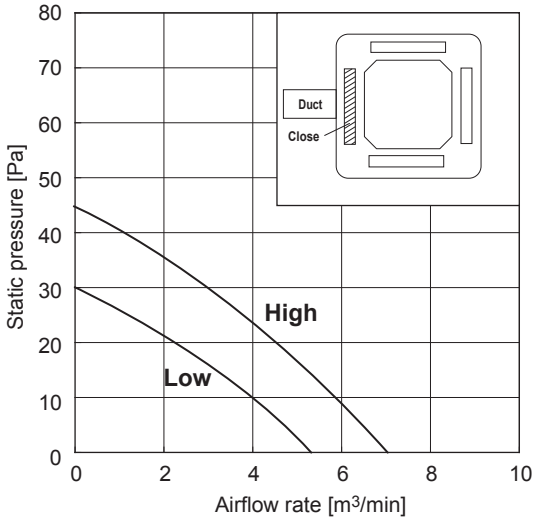
●4-way airflow (horizontal vane) Rectangular duct



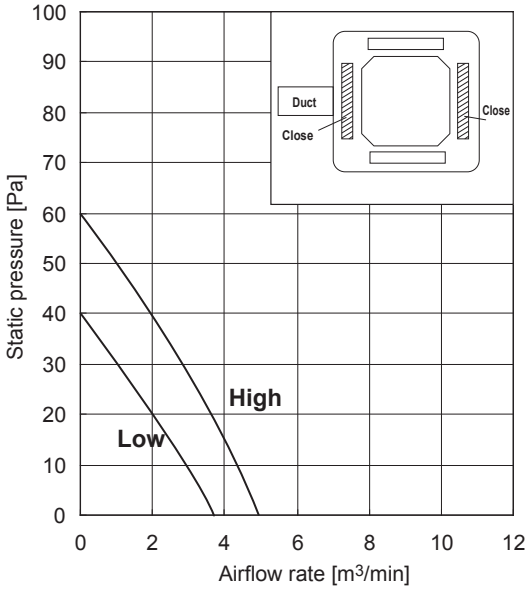
●3-way airflow (horizontal vane) Round duct



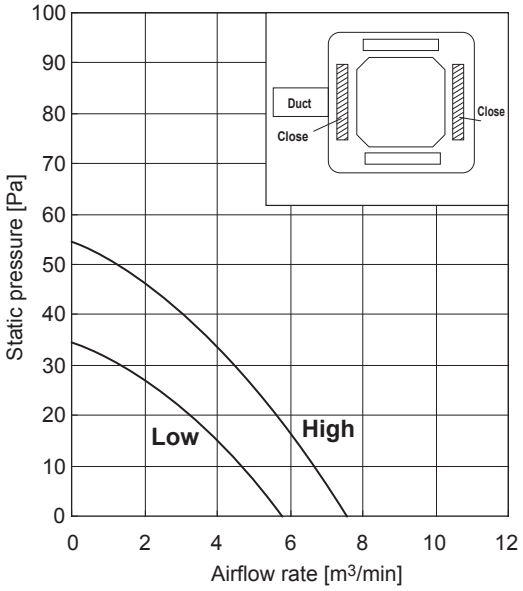
●3-way airflow (horizontal vane) Rectangular duct



●2-way airflow (horizontal vane) Round duct



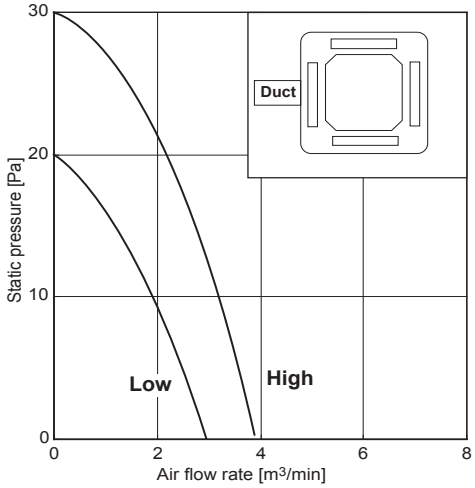
●2-way airflow (horizontal vane) Rectangular duct



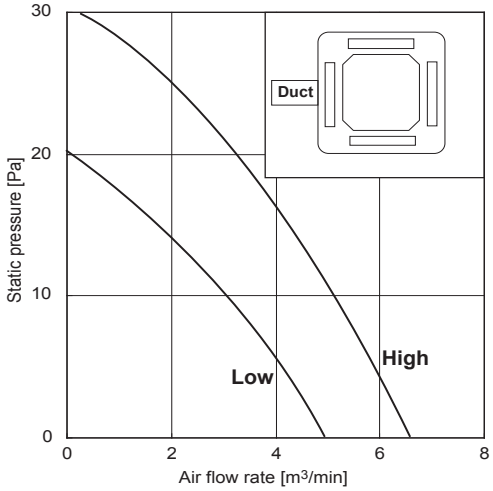
• Use 1 of the 2 duct holes on the indoor unit.
• Use the optional air outlet shutter plate (PAC-SH51SP-E) for 3-way and 2-way air flow.

PLA-RP125BA, PLA-ZRP125BA, PLA-SP125BA

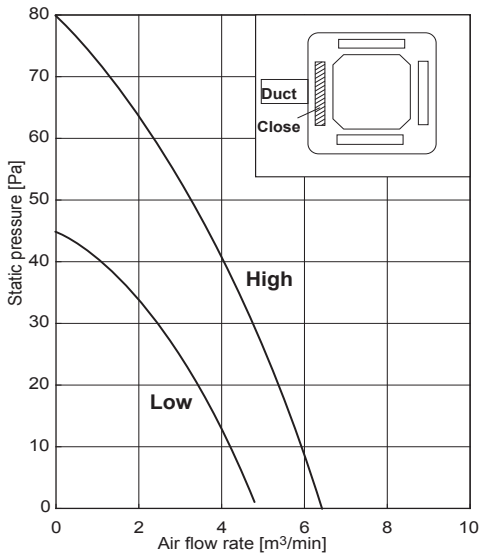
●4-way air flow (horizontal vane) Round duct



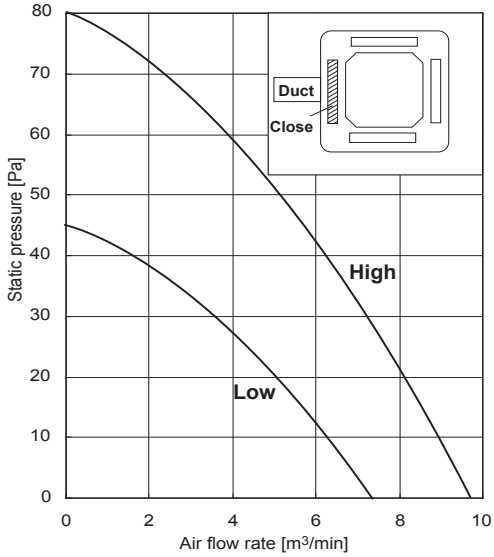
●4-way air flow (horizontal vane) Rectangular duct



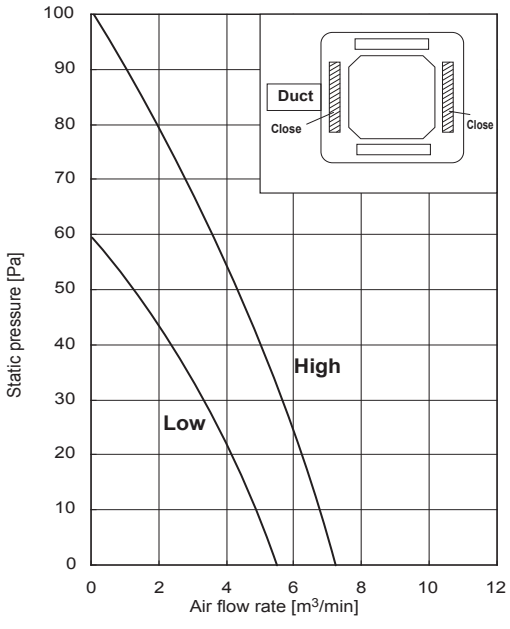
●3-way air flow (horizontal vane) Round duct



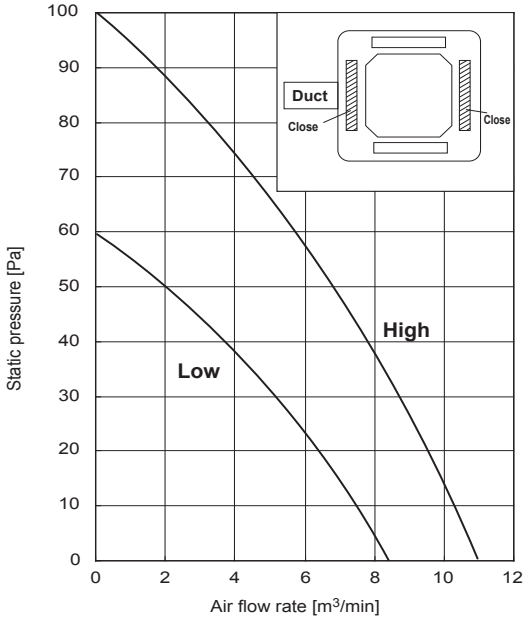
●3-way air flow (horizontal vane) Rectangular duct



●2-way air flow (horizontal vane) Round duct



●2-way air flow (horizontal vane) Rectangular duct

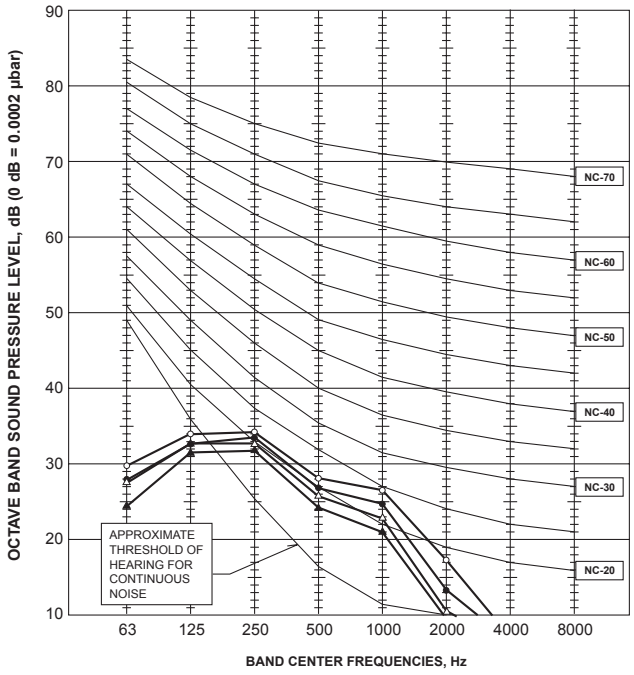


- Use 1 of the 2 duct holes on the indoor unit.
- Air flow rate of PLA-RP100BA, PLA-RP140BA2,PLA-ZRP71BA,PLA-ZRP100BA,PLA-ZRP140BA,PLA-SP100BA,PLA-SP140BA can be calculated from the air flow rate based on the characteristic of the duct for PLA-RP125BA,PLA-ZRP125BA,PLA-SP125BA
- Use the optional air outlet shutter plate (PAC-SH51SP-E) for 3-way and 2-way air flow.

A.1.7 NOISE CRITERIA CURVES

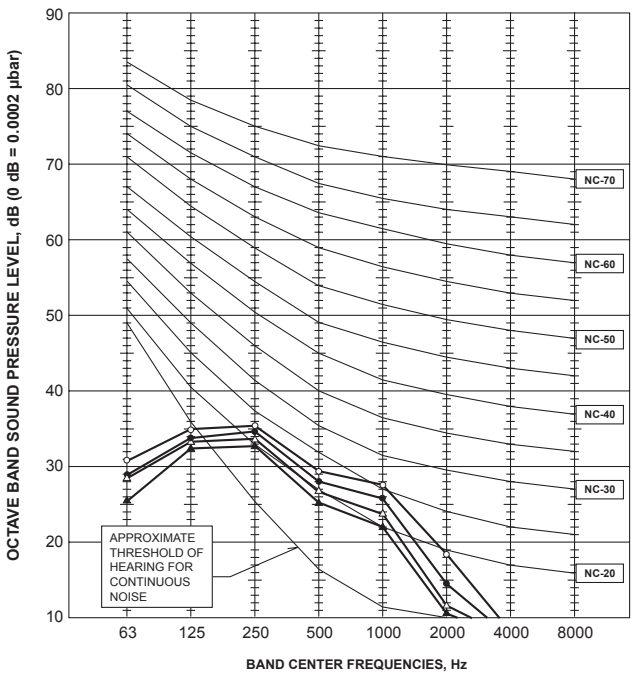
PLA-RP35BA
PLA-ZRP35BA

NOTCH	SPL(dB)	LINE
High	31	
Medium1	29	
Medium2	28	
Low	27	



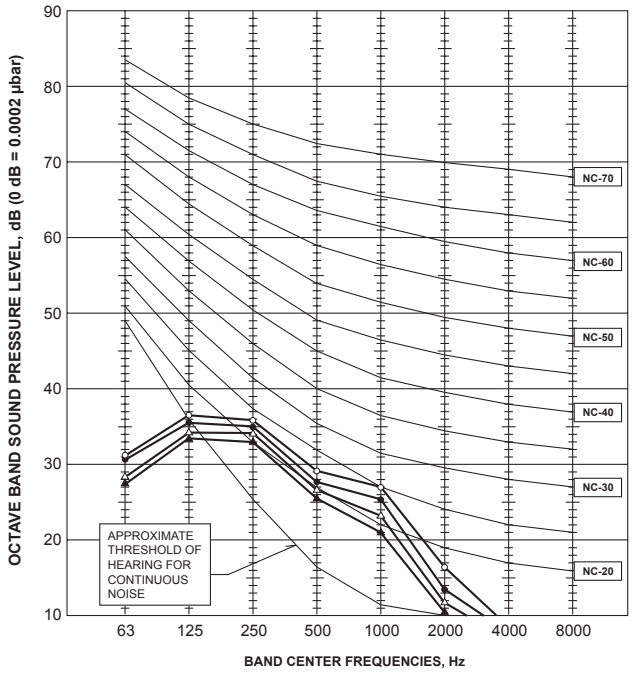
PLA-RP50BA
PLA-ZRP50BA

NOTCH	SPL(dB)	LINE
High	32	
Medium1	31	
Medium2	29	
Low	28	



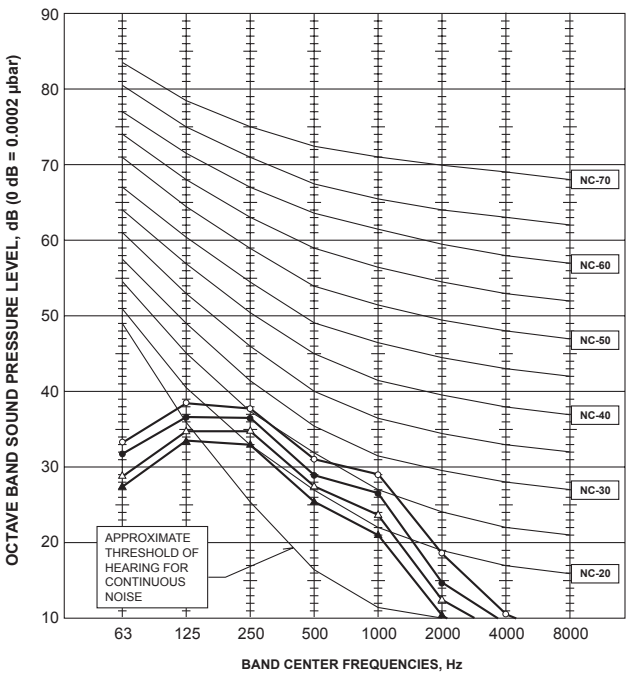
PLA-RP60BA
PLA-ZRP60BA

NOTCH	SPL(dB)	LINE
High	32	
Medium1	31	
Medium2	29	
Low	28	



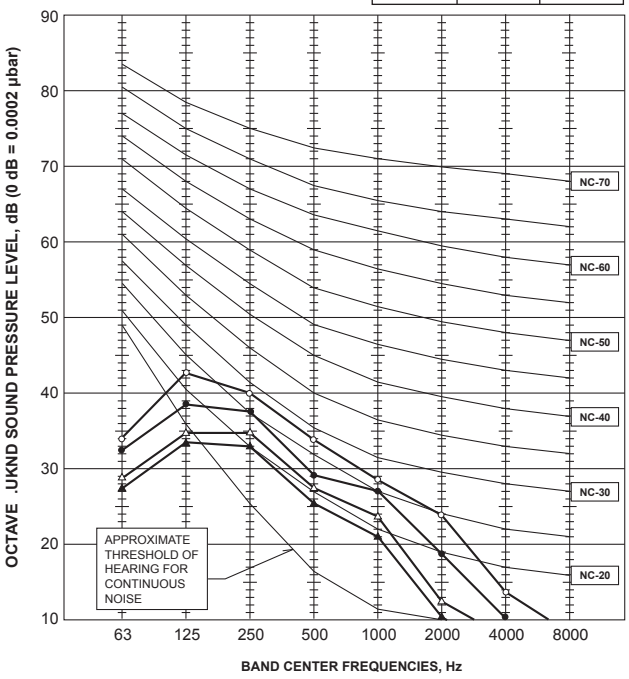
PLA-RP71BA
PLA-SP71BA

NOTCH	SPL(dB)	LINE
High	34	
Medium1	32	
Medium2	30	
Low	28	



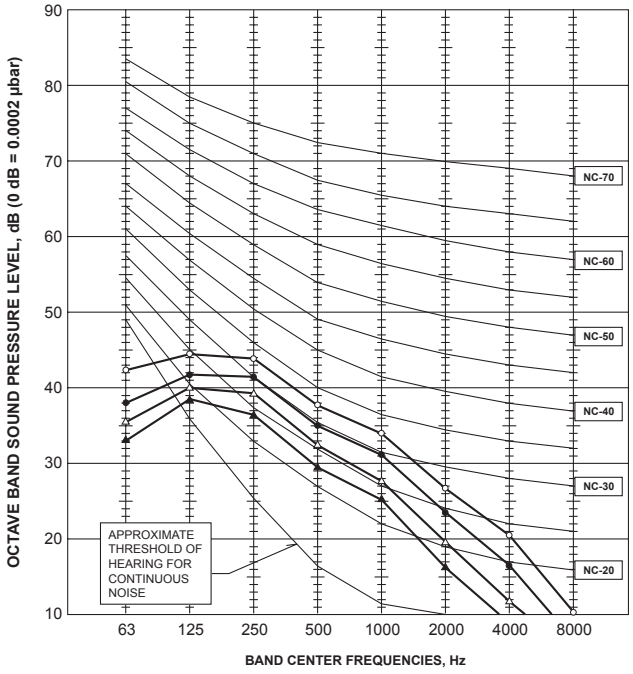
PLA-ZRP71BA

NOTCH	SPL(dB)	LINE
High	36	
Medium1	34	
Medium2	30	
Low	28	



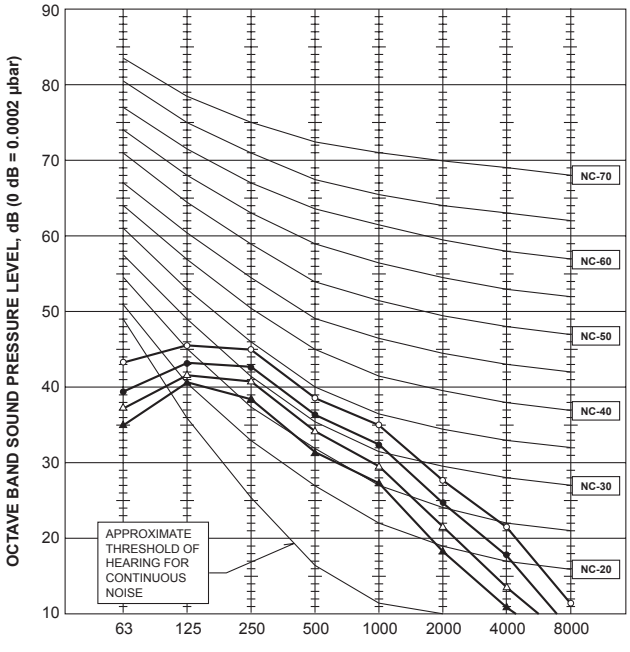
PLA-RP100BA
PLA-ZRP100BA
PLA-SP100BA

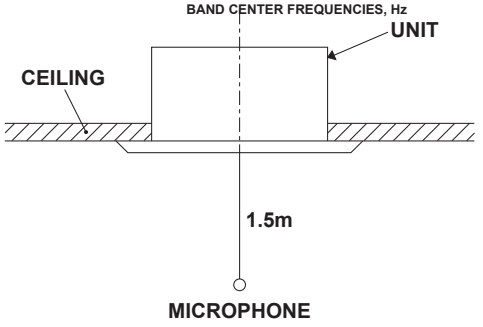
NOTCH	SPL(dB)	LINE
High	40	
Medium1	37	
Medium2	34	
Low	32	



PLA-RP125BA
PLA-ZRP125BA
PLA-SP125BA

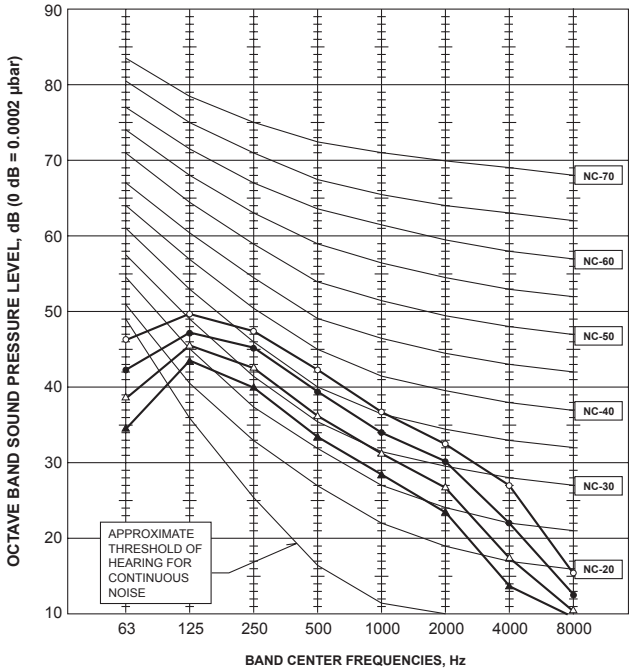
NOTCH	SPL(dB)	LINE
High	41	
Medium1	39	
Medium2	36	
Low	34	





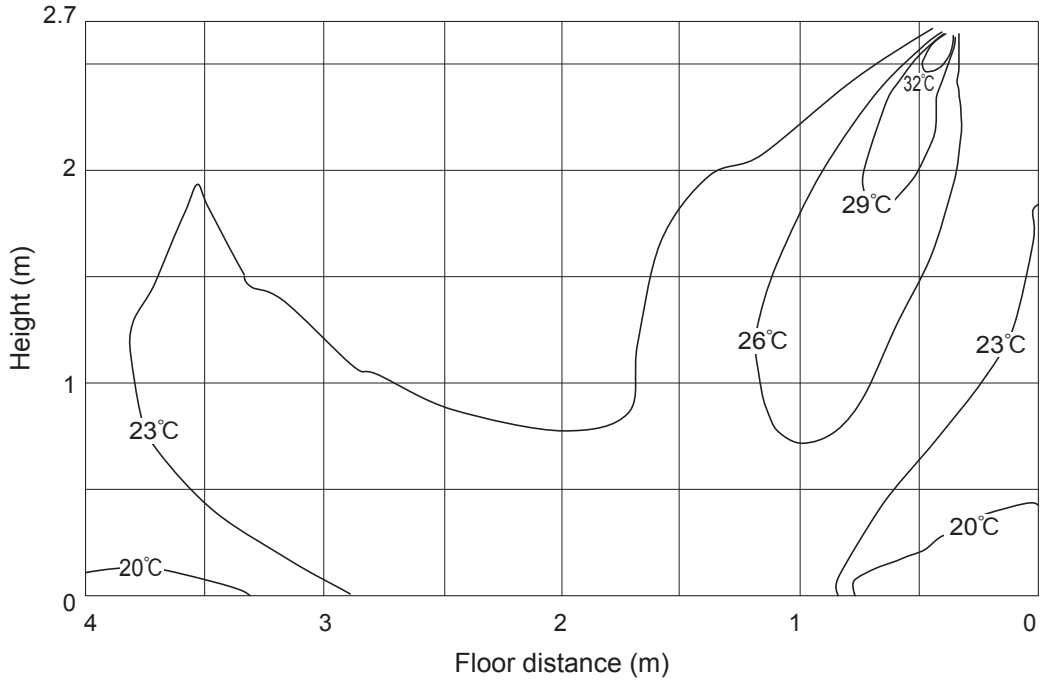
PLA-RP140BA2
PLA-ZRP140BA
PLA-SP140BA

NOTCH	SPL(dB)	LINE
High	44	
Medium1	42	
Medium2	39	
Low	36	

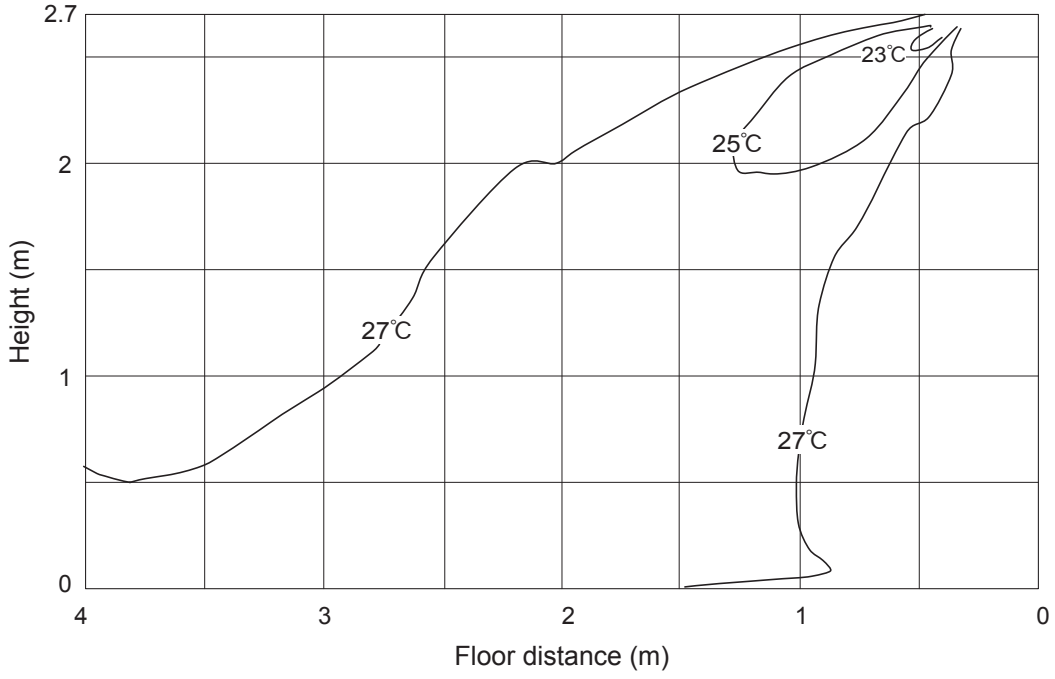


A.1.8 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

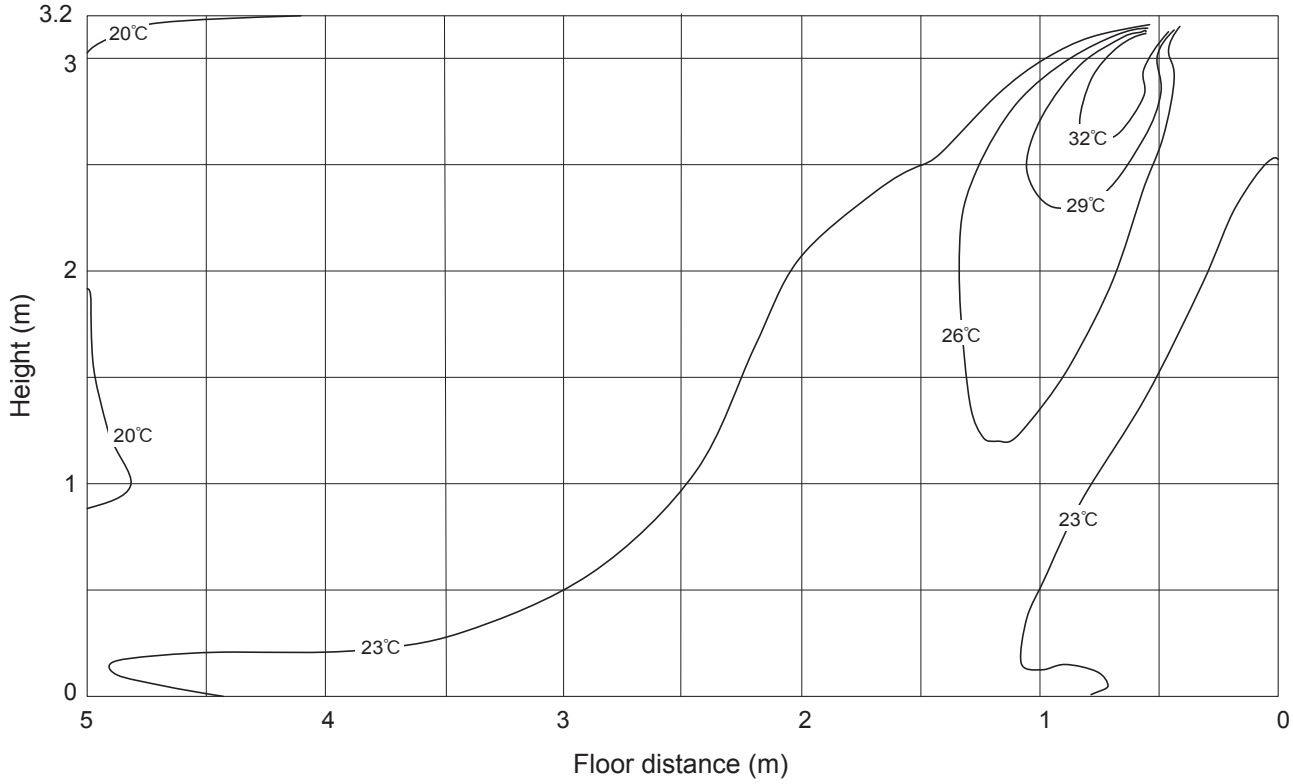
• PLA-RP71BA, PLA-SP71BA
<Heating mode> Standard
Flow angle : 60° 4-way flow
ceiling height : 2.7 m



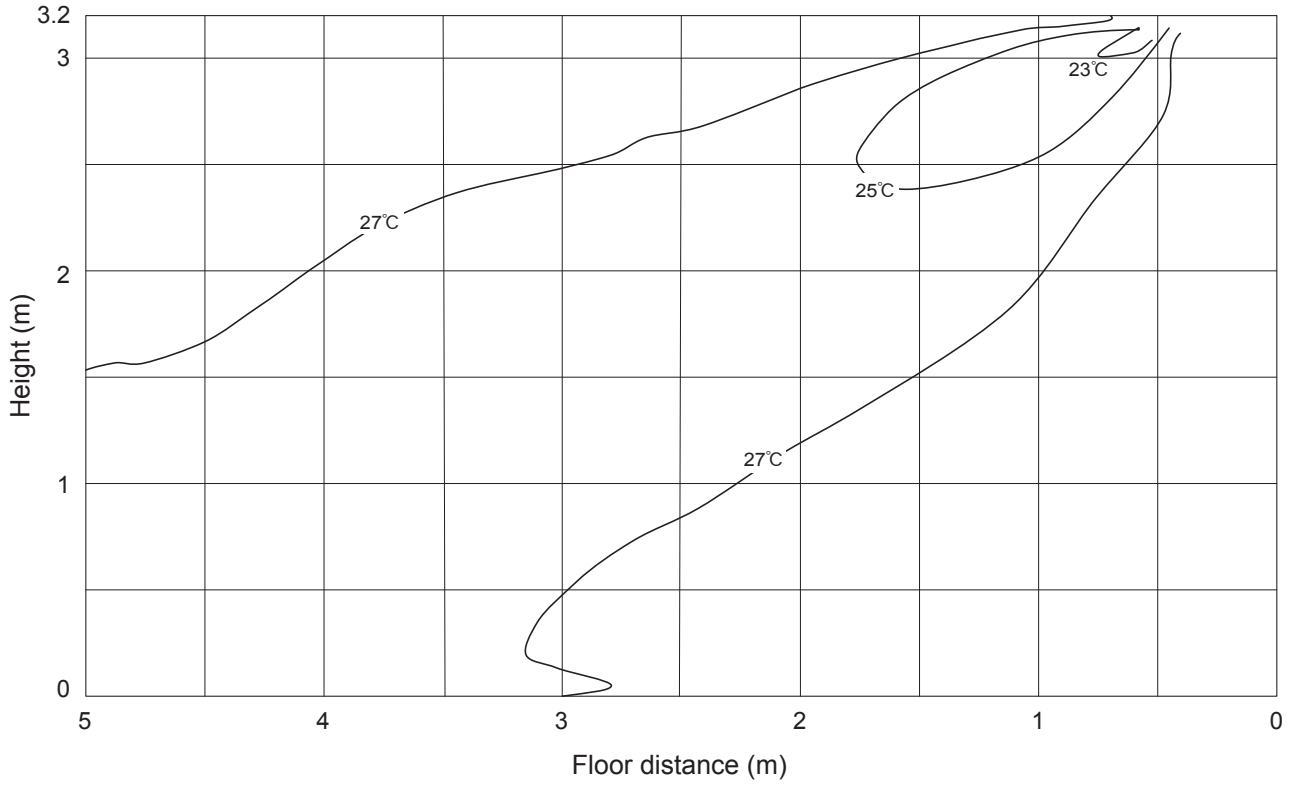
<Cooling mode> Standard
Flow angle : 30° 4-way flow
ceiling height : 2.7 m



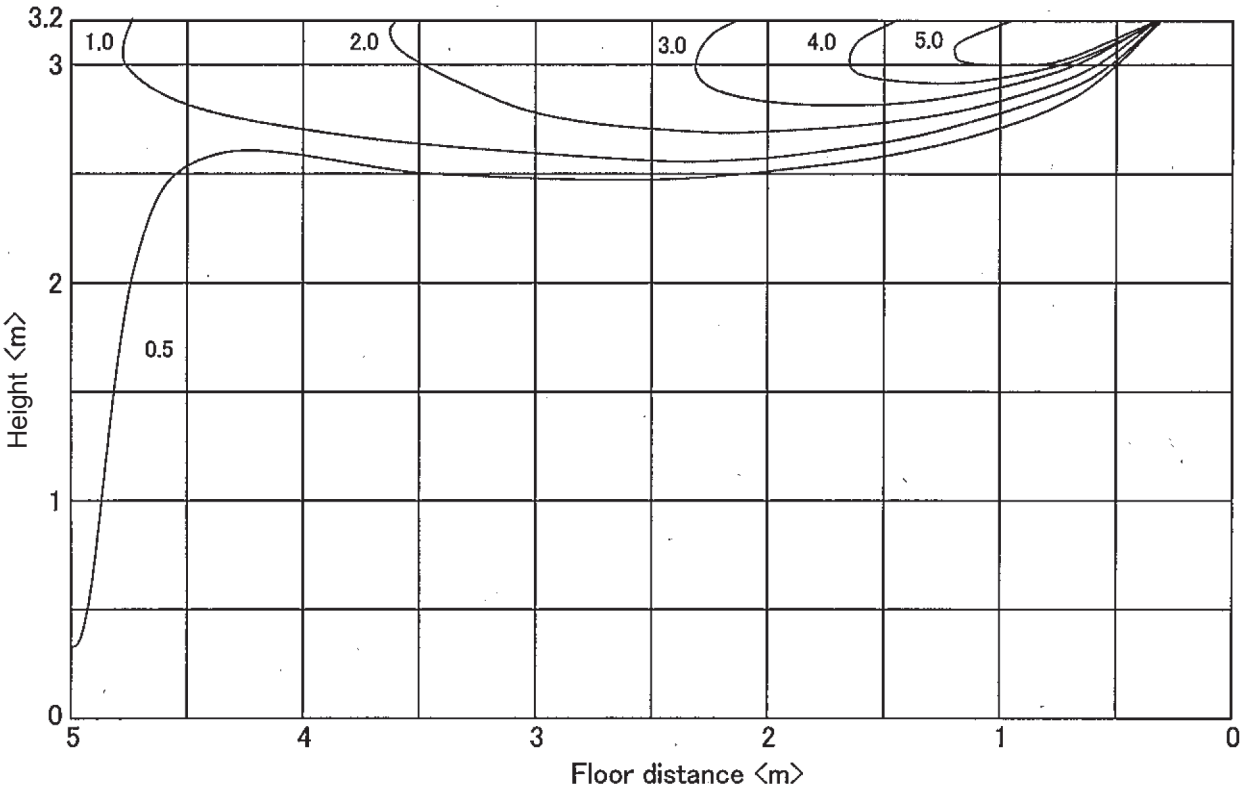
• PLA-RP125BA, PLA-ZRP125BA, PLA-SP125BA
<Heating mode> Standard
Flow angle : 60° 4-way flow
ceiling height : 3.2 m



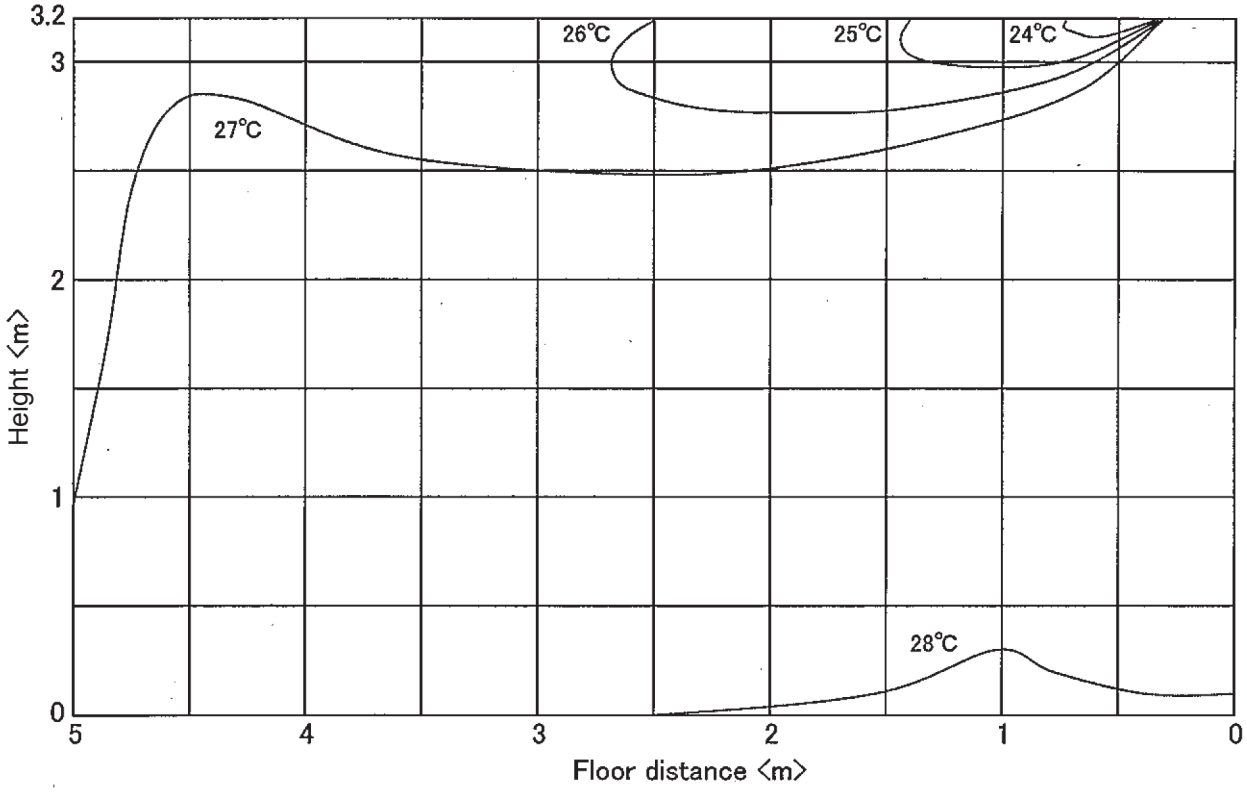
<Cooling mode> Standard
Flow angle : 30° 4-way flow
ceiling height : 3.2 m



Airflow distribution
PLA-RP125BA, PLA-ZRP125BA, PLA-SP120BA
<Cooling mode>
Flow angle : 20°



Temperature distribution
PLA-RP125BA, PLA-ZRP125BA
<Cooling mode>
Flow angle : 20°



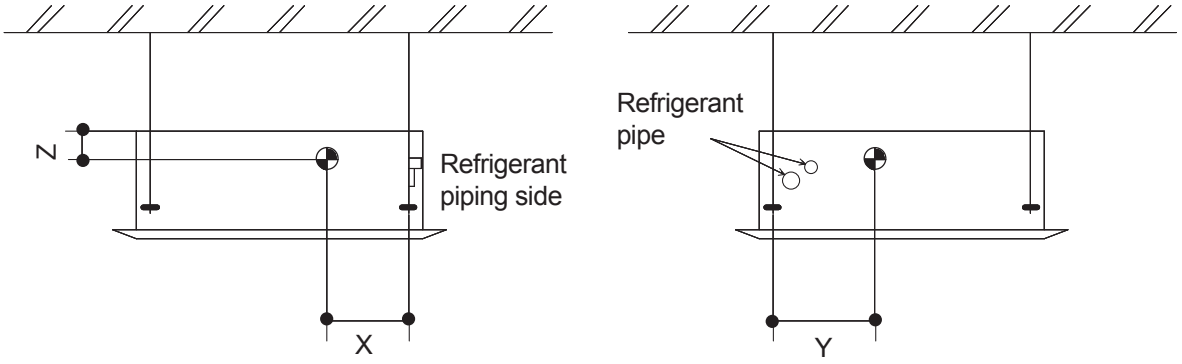
A.1.9 OUTLET AIR SPEED AND COVERAGE RANGE

		PLA-RP35BA	PLA-RP50BA	PLA-RP60BA	PLA-RP71BA PLA-SP71BA	PLA-RP100BA PLA-SP100BA	PLA-RP125BA PLA-SP125BA	PLA-RP140BA2 PLA-SP140BA
Air flow	m^3/min.	15	18	18	21	30	31	32
Air speed	m/sec.	2.6	3.2	3.2	3.7	5.3	5.4	5.6
Coverage range	m	4.1	4.8	4.8	5.6	8.0	8.2	8.5

		PLA-ZRP35BA	PLA-ZRP50BA	PLA-ZRP60BA	PLA-ZRP71BA	PLA-ZRP100BA	PLA-ZRP125BA	PLA-RP140BA
Air flow	m^3/min.	16	18	18	23	30	31	32
Air speed	m/sec.	2.8	3.2	3.2	4.1	5.3	5.4	5.6
Coverage range	m	4.3	4.8	4.8	5.6	8.0	8.2	8.5

* The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position.
The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.1.10 CENTER OF GRAVITY POSITION



Unit: mm

Model	X	Y	Z
PLA-ZRP35BA,PLA-RP35BA	280	400	105
PLA-ZRP50BA,PLA-RP50BA	280	400	105
PLA-ZRP60BA,PLA-RP60BA	280	400	105
PLA-RP71BA,PLA-SP71BA	280	400	105
PLA-ZRP71BA	280	400	125
PLA-ZRP100BA,PLA-RP100BA,PLA-SP100BA	280	400	125
PLA-ZRP125BA,PLA-RP125BA,PLA-SP125BA	280	400	125
PLA-ZRP140BA,PLA-RP140BA2,PLA-SP140BA	280	400	125

A.2 WALL-MOUNTED (PKA)

A.2.1 SPECIFICATIONS A-84
A.2.2 OUTLINES AND DIMENSIONS A-89
A.2.3 WIRING DIAGRAM A-91
A.2.4 REFRIGERANT SYSTEM DIAGRAM A-93
A.2.5 PERFORMANCE DATA A-94
A.2.6 NOISE CRITERIA CURVES A-103
A.2.7 TEMPERATURE AND AIR FLOW DISTRIBUTIONS A-104
A.2.8 OUTLET AIR SPEED AND COVERAGE RANGE A-105
A.2.9 CENTER OF GRAVITY POSITION A-105

A.2.1 SPECIFICATIONS

A.2.1.1 INVERTER MODELS Heat pump type

1. ZUBADAN

Model Name	Indoor Unit				PKA-RP100KAL	PKA-RP100KAL
	Outdoor Unit				PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)
Power Supply				Source	Outdoor power supply	
	Out			V	230	400
				Phase	Single	3
				Hz	50	50
	In			V	-	-
				Phase	-	-
				Hz	-	-
Refrigerant					R410A	R410A
Cooling	Capacity	Rated		kW	10.0	10.0
		Max.		kW	11.4	11.4
		Min.		kW	4.9	4.9
	SHF	Rated			0.73	0.73
	Total Input	Rated		kW	2.924	2.924
	EER				3.42	3.42
	Annual Electricity Consumption			kWh/a	673	673
	SEER				5.2	5.2
		Energy efficiency class			A	A
Heating	Capacity	Rated		kW	11.2	11.2
		Max.		kW	14.0	14.0
		Min.		kW	4.5	4.5
	Total Input	Rated		kW	3.103	3.103
	COP				3.61	3.61
	Annual Electricity Consumption			kWh/a	4664	4664
	SCOP				3.8	3.8
		Energy efficiency class			A	A
Operating Current(max)				A	35.6	13.6
Indoor Unit	Input	Rated		kW	0.080	0.080
	Operating Current(max)			A	0.57	0.57
	Dimensions		Height	mm	365	365
			Width	mm	1170	1170
			Depth	mm	295	295
	Weight			kg	21	21
	Air Volume		Low	m³/min.	20.0	20.0
			Mid2	m³/min.	-	-
			Mid	m³/min.	23.0	23.0
			Hi	m³/min.	26.0	26.0
	External Static Pressure			Pa	-	-
	Sound Level (SPL)		Low	dB(A)	41	41
			Mid2	dB(A)	-	-
			Mid	dB(A)	45	45
			Hi	dB(A)	49	49
	Sound Level (PWL)	Cooling			65	65
Outdoor Unit	Dimensions		Height	mm	1350	1350
			Width	mm	950	950
			Depth	mm	330 (+30)	330 (+30)
	Weight			kg	120	134
	Air Volume	Cooling	Rated	m³/min.	100.0	100.0
		Heating	Rated	m³/min.	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51
			Silent	dB(A)	48	48
		Heating	Rated	dB(A)	52	52
	Sound Level (PWL)	Cooling			69	69
	Operating Current(max)			A	35.0	13.0
	Breaker Size			A	40	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max. Length	Out-In		m	75	75
	Max. Height	Out-In	Below Indoor	m	30	30
			Above Indoor	m	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46
			Lower Limit.	°C	-15*	-15*
		Heating	Upper Limit.	°C	21	21
			Lower Limit.	°C	-25	-25

* Optional air protection guide is required where ambient temperature is lower than -5°C.

2. Power Inverter SERIES

Model Name	Indoor Unit				PKA-RP35HAL	PKA-RP50HAL
	Outdoor Unit				PUHZ-ZRP35VKA	PUHZ-ZRP50VKA
Power Supply				Source	Outdoor power supply	
	Out			V	230	230
				Phase	Single	Single
				Hz	50	50
	In			V	-	-
				Phase	-	-
				Hz	-	-
Refrigerant					R410A	R410A
Cooling	Capacity	Rated		kW	3.6	4.6
		Max.		kW	4.5	5.6
		Min.		kW	1.6	2.3
	SHF	Rated			0.81	0.72
	Total Input	Rated		kW	0.94	1.41
	EER				3.83	3.26
	Annual Electricity Consumption			kWh/a	221	304
	SEER				5.7	5.3
		Energy efficiency class			A+	A
Heating	Capacity	Rated		kW	4.1	5.0
		Max.		kW	5.2	7.3
		Min.		kW	1.6	2.5
	Total Input	Rated		kW	1.07	1.50
	COP				3.83	3.33
	Annual Electricity Consumption			kWh/a	847	1160
	SCOP				3.9	4.0
		Energy efficiency class			A	A+
Operating Current(max)				A	13.4	13.4
Indoor Unit	Input	Rated		kW	0.040	0.040
	Operating Current(max)			A	0.40	0.40
	Dimensions		Height	mm	295	295
			Width	mm	898	898
			Depth	mm	249	249
	Weight			kg	13	13
	Air Volume		Low	m³/min.	9.0	9.0
			Mid2	m³/min.	-	-
			Mid	m³/min.	10.5	10.5
			Hi	m³/min.	12.0	12.0
	External Static Pressure			Pa	-	-
	Sound Level (SPL)		Low	dB(A)	36	36
			Mid2	dB(A)	-	-
			Mid	dB(A)	40	40
			Hi	dB(A)	43	43
	Sound Level (PWL)	Cooling			60	60
Outdoor Unit	Dimensions		Height	mm	630	630
			Width	mm	809	809
			Depth	mm	300 (+23)	300 (+23)
	Weight			kg	43	46
	Air Volume	Cooling	Rated	m³/min.	45.0	45.0
		Heating	Rated	m³/min.	45.0	45.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44
			Silent	dB(A)	41	41
		Heating	Rated	dB(A)	46	46
	Sound Level (PWL)	Cooling			65	65
	Operating Current(max)			A	13.0	13.0
	Breaker Size			A	16	16
Ext. Piping	Diameter	Liquid		mm	6.35	6.35
		Gas		mm	12.7	12.7
	Max. Length	Out-In		m	50	50
	Max. Height	Out-In	Below Indoor	m	30	30
			Above Indoor	m	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46
			Lower Limit.	°C	-15*	-15*
		Heating	Upper Limit.	°C	21	21
			Lower Limit.	°C	-11	-11

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PKA-RP60KAL	PKA-RP71KAL	PKA-RP100KAL	PKA-RP100KAL
	Outdoor Unit				PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100VKA2	PUHZ-ZRP100YKA2
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	400
				Phase	Single	Single	Single	3
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	6.1	7.1	9.5	9.5
		Max.		kW	6.7	8.1	11.4	11.4
		Min.		kW	2.7	3.3	4.9	4.9
	SHF	Rated			0.86	0.78	0.73	0.73
	Total Input	Rated		kW	1.60	1.80	2.40	2.40
	EER				3.81	3.94	3.96	3.96
	Annual Electricity Consumption			kWh/a	336	381	539	550
	SEER				6.3	6.5	6.1	6.0
		Energy efficiency class			A++	A++	A++	A+
Heating	Capacity	Rated		kW	7.0	8.0	11.2	11.2
		Max.		kW	8.2	10.2	14.0	14.0
		Min.		kW	2.8	3.5	4.5	4.5
	Total Input	Rated		kW	1.96	2.19	3.04	3.04
	COP				3.57	3.65	3.68	3.68
	Annual Electricity Consumption			kWh/a	1473	1532	2608	2608
	SCOP				4.2	4.3	4.1	4.1
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	19.4	19.4	27.1	8.6
Indoor Unit	Input	Rated		kW	0.060	0.060	0.080	0.080
	Operating Current(max)			A	0.43	0.43	0.57	0.57
	Dimensions		Height	mm	365	365	365	365
			Width	mm	1170	1170	1170	1170
			Depth	mm	295	295	295	295
	Weight			kg	21	21	21	21
	Air Volume		Low	m³/min.	18.0	18.0	20.0	20.0
			Mid2	m³/min.	-	-	-	-
			Mid	m³/min.	20.0	20.0	23.0	23.0
			Hi	m³/min.	22.0	22.0	26.0	26.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	39	39	41	41
			Mid2	dB(A)	-	-	-	-
			Mid	dB(A)	42	42	45	45
			Hi	dB(A)	45	45	49	49
	Sound Level (PWL)	Cooling			64	64	65	65
Outdoor Unit	Dimensions		Height	mm	943	943	1338	1338
			Width	mm	950	950	1050	1050
			Depth	mm	330 (+30)	330 (+30)	330 (+40)	330 (+40)
	Weight			kg	67	67	116	123
	Air Volume	Cooling	Rated	m³/min.	55.0	55.0	110.0	110.0
		Heating	Rated	m³/min.	55.0	55.0	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	47	49	49
			Silent	dB(A)	44	44	46	46
		Heating	Rated	dB(A)	48	48	51	51
	Sound Level (PWL)	Cooling			67	67	69	69
	Operating Current(max)			A	19.0	19.0	26.5	8.0
	Breaker Size			A	25	25	32	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max. Length	Out-In		m	50	50	75	75
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-20	-20	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

3. Mr.Slim+

Model Name	Indoor Unit				PKA-RP71KAL
	Outdoor Unit				PUHZ-FRP71VHA
Power Supply				Source	Outdoor power supply
	Out			V	230
				Phase	Single
				Hz	50
	In			V	-
				Phase	-
				Hz	-
Refrigerant					R410A
Cooling	Capacity	Rated		kW	7.1
		Max.		kW	8.1
		Min.		kW	3.3
	SHF	Rated			0.78
	Total Input	Rated		kW	1.88
	EER				3.78
	Annual Electricity Consumption			kWh/a	393
	SEER				6.3
		Energy efficiency class			A++
Heating	Capacity	Rated		kW	8.0
		Max.		kW	10.2
		Min.		kW	3.5
	Total Input	Rated		kW	2.26
	COP				3.54
	Annual Electricity Consumption			kWh/a	1569
	SCOP				4.2
		Energy efficiency class			A+
Operating Current(max)				A	19.4
Indoor Unit	Input	Rated		kW	0.060
	Operating Current(max)			A	0.43
	Dimensions		Height	mm	365
			Width	mm	1170
			Depth	mm	295
	Weight			kg	-
	Air Volume		Low	m³/min.	18.0
			Mid2	m³/min.	-
			Mid	m³/min.	20.0
			Hi	m³/min.	22.0
	External Static Pressure			Pa	-
	Sound Level (SPL)		Low	dB(A)	39
			Mid2	dB(A)	-
			Mid	dB(A)	42
			Hi	dB(A)	45
	Sound Level (PWL)	Cooling			64
Outdoor Unit	Dimensions		Height	mm	943
			Width	mm	950
			Depth	mm	330 (+30)
	Weight			kg	73
	Air Volume	Cooling	Rated	m³/min.	55
		Heating	Rated	m³/min.	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	-
		Heating	Rated	dB(A)	48
	Sound Level (PWL)	Cooling			67
	Operating Current(max)			A	19.0
	Breaker Size			A	25
Ext. Piping	Diameter	Liquid		mm	9.52
		Gas		mm	15.88
	Max. Length	Out-In		m	60
	Max. Height	Out-In	Below Indoor	m	20
			Above Indoor	m	20
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	-15*
		Heating	Upper Limit.	°C	21
			Lower Limit.	°C	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

4. Standard Inverter SERIES

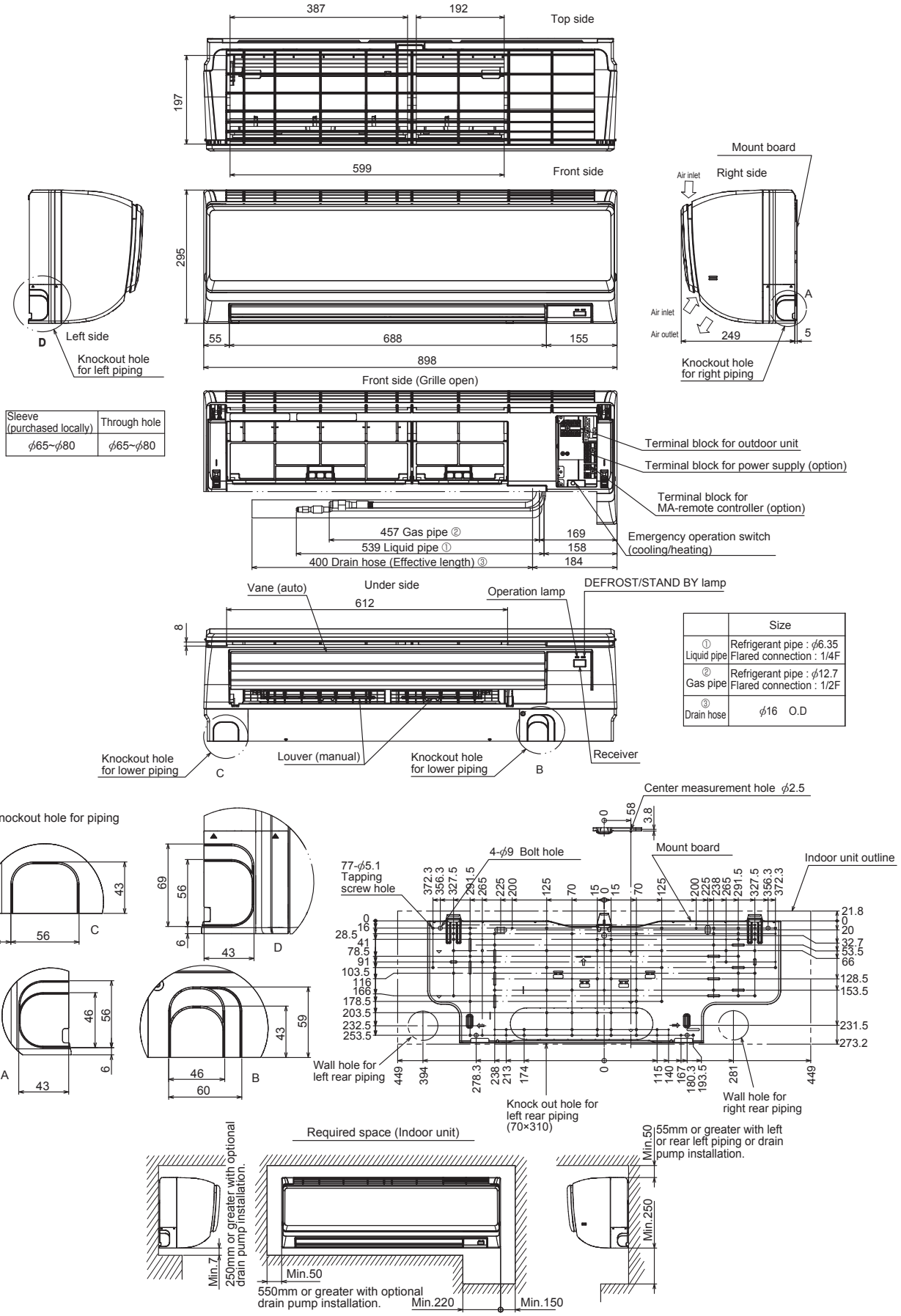
Model Name	Indoor Unit				PKA-RP100KAL		
	Outdoor Unit				PUHZ-P100VHA4	PUHZ-P100YHA2	
Power Supply				Source	Outdoor power supply		
	Out			V	230	400	
				Phase	Single	3	
				Hz	50		
	In			V	-		
				Phase	-		
				Hz	-		
Refrigerant					R410A		
Cooling	Capacity	Rated		kW	9.4		
		Max.		kW	11.2		
		Min.		kW	4.9		
	SHF	Rated			0.73		
	Total Input	Rated		kW	3.120		
	EER				3.01		
	Annual Electricity Consumption			kWh/a	686	686	
	SEER				4.8	4.8	
		Energy efficiency class			B	B	
Heating	Capacity	Rated		kW	11.2		
		Max.		kW	12.5		
		Min.		kW	4.5		
	Total Input	Rated		kW	3.490		
	COP				3.21		
	Annual Electricity Consumption			kWh/a	2579	2579	
	SCOP				3.8	3.8	
		Energy efficiency class			A	A	
Operating Current(max)				A	28.6	13.6	
Indoor Unit	Input	Rated		kW	0.080		
	Operating Current(max)			A	0.57		
	Dimensions		Height	mm	365		
			Width	mm	1170		
			Depth	mm	295		
	Weight			kg	21		
	Air Volume		Low	m³/min.	20.0		
			Mid2	m³/min.	-		
			Mid	m³/min.	23.0		
			Hi	m³/min.	26.0		
	External Static Pressure			Pa	-		
	Sound Level (SPL)		Low	dB(A)	41		
			Mid2	dB(A)	-		
			Mid	dB(A)	45		
			Hi	dB(A)	49		
	Sound Level (PWL)	Cooling			65	65	
Outdoor Unit	Dimensions		Height	mm	943		
			Width	mm	950		
			Depth	mm	330(+30)		
	Weight			kg	75	77	
	Air Volume	Cooling	Rated	m³/min.	60.0		
		Heating	Rated	m³/min.	60.0		
	Sound Level (SPL)	Cooling	Rated	dB(A)	50		
			Silent	dB(A)	47		
		Heating	Rated	dB(A)	54		
	Sound Level (PWL)	Cooling			70	70	
	Operating Current(max)			A	28.0	13.0	
	Breaker Size			A	32	16	
Ext. Piping	Diameter	Liquid		mm	9.52		
		Gas		mm	15.88		
	Max. Length	Out-In		m	50		
	Max. Height	Out-In	Below Indoor	m	30		
			Above Indoor	m	30		
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46		
			Lower Limit.	°C	-15*		
		Heating	Upper Limit.	°C	21		
			Lower Limit.	°C	-15		

* Optional air protection guide is required where ambient temperature is lower than -5°C.

A.2.2 OUTLINES AND DIMENSIONS

PKA-RP35HAL
PKA-RP50HAL

Unit : mm

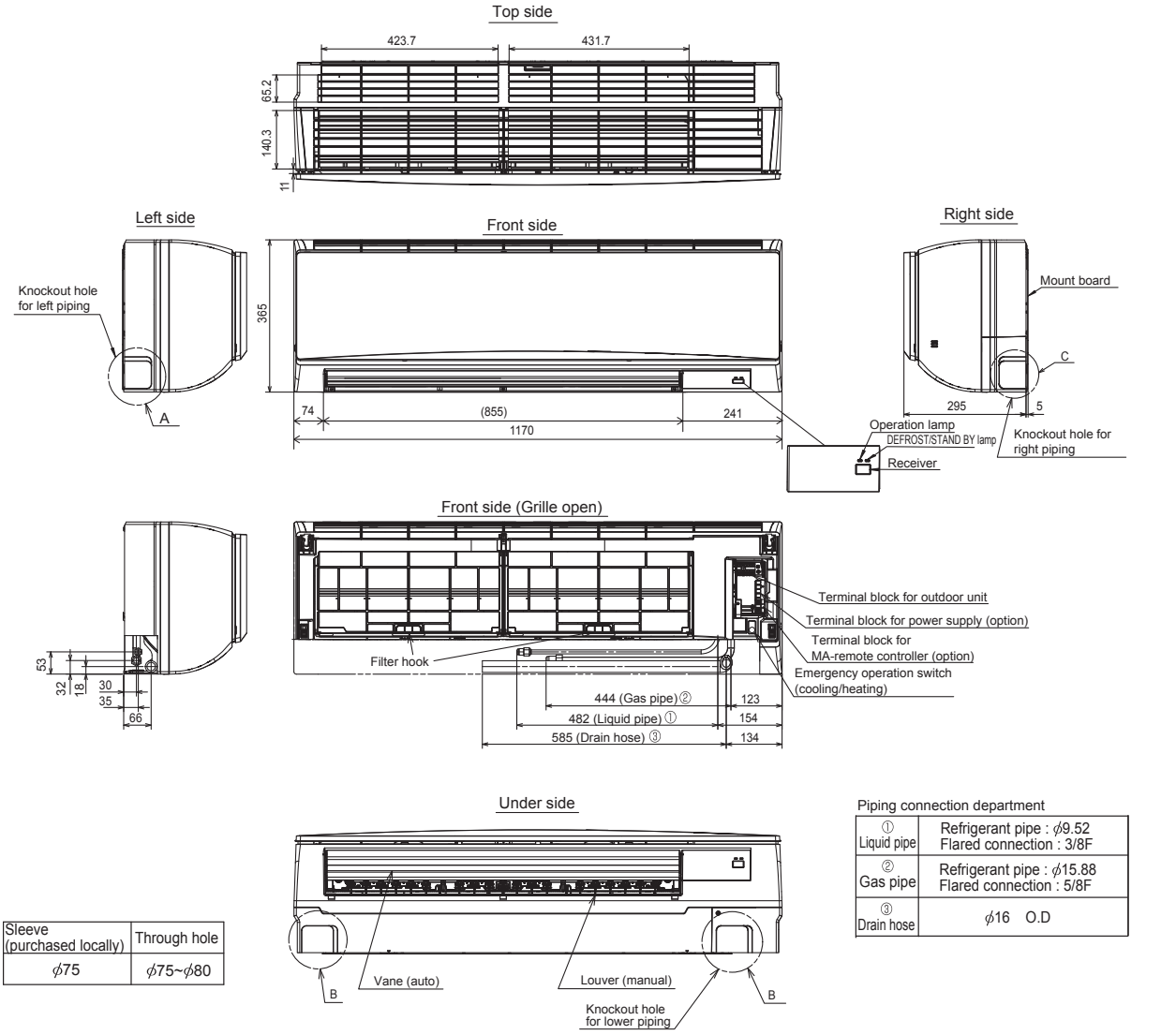


Sleeve (purchased locally)	Through hole
ϕ65~ϕ80	ϕ65~ϕ80

	Size
① Liquid pipe	Refrigerant pipe : ϕ6.35 Flared connection : 1/4F
② Gas pipe	Refrigerant pipe : ϕ12.7 Flared connection : 1/2F
③ Drain hose	ϕ16 O.D

PKA-RP60KAL
PKA-RP71KAL
PKA-RP100KAL

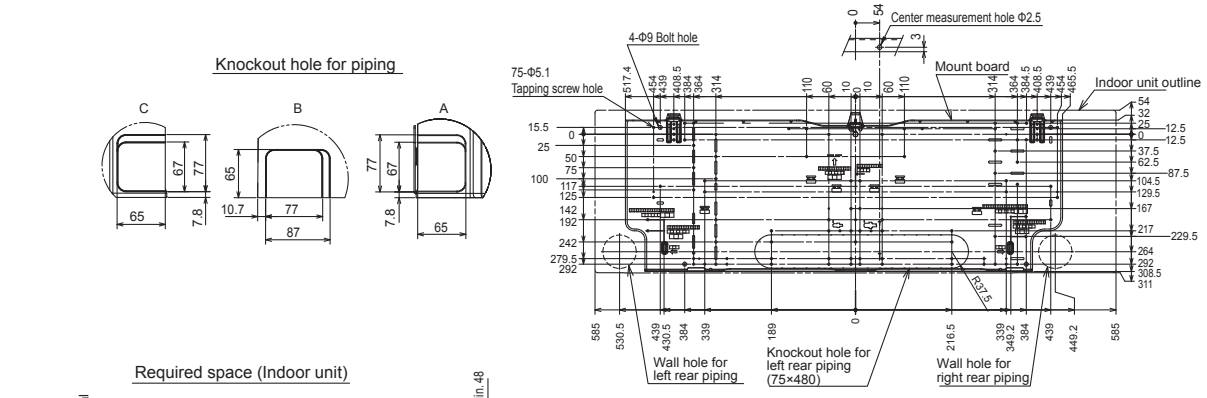
Unit : mm

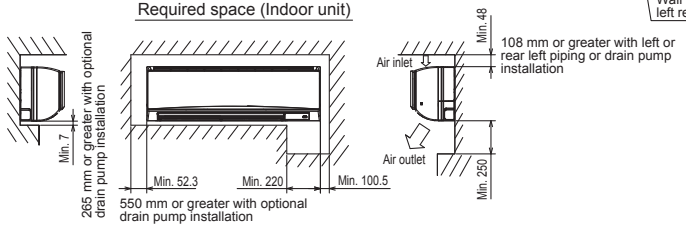


Sleeve (purchased locally)	Through hole
ϕ75	ϕ75~ϕ80

Piping connection department

① Liquid pipe	Refrigerant pipe : ϕ9.52 Flared connection : 3/8F
② Gas pipe	Refrigerant pipe : ϕ15.88 Flared connection : 5/8F
③ Drain hose	ϕ16 O.D

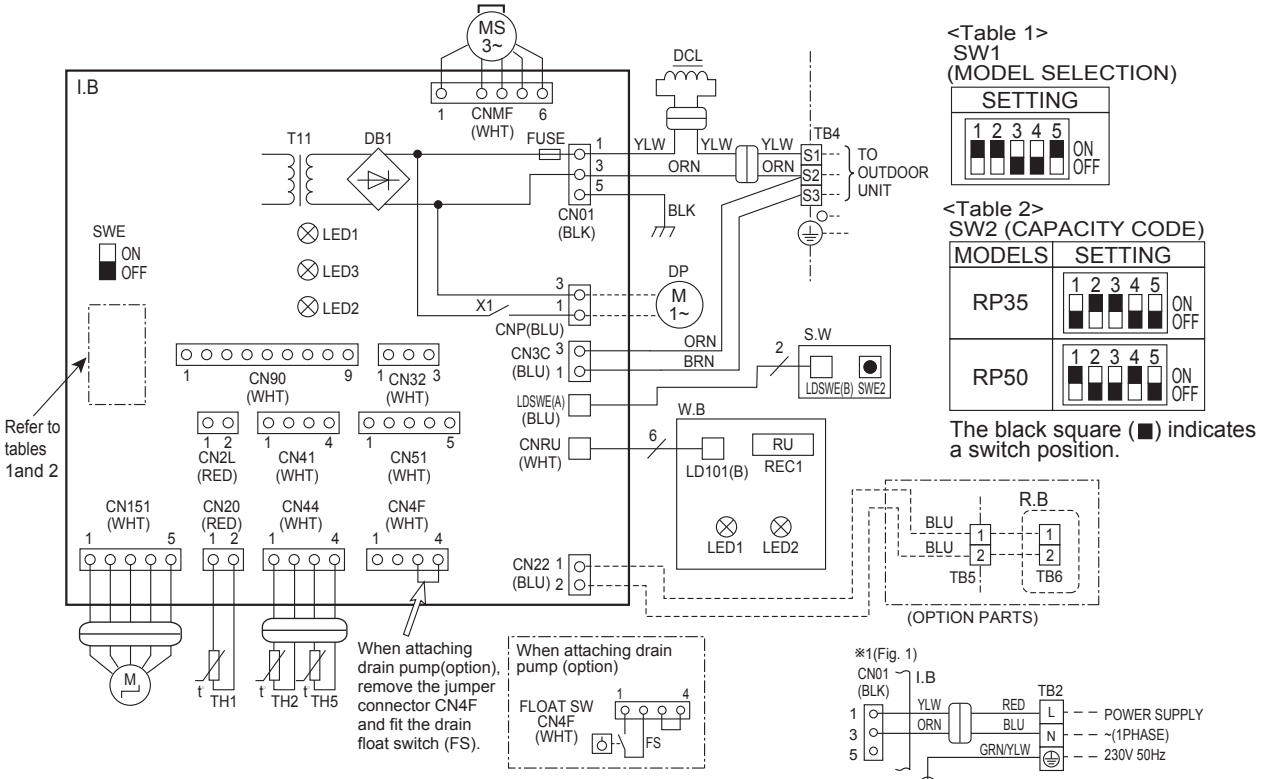




A.2.3 WIRING DIAGRAM
PKA-RP35HAL PKA-RP50HAL

[Explanation of symbols]

Symbol	Name	Symbol	Name
I.B	Indoor controller board	M	Vane motor
CN2L	Connector (LOSSNAY)	MS	Fan motor
CN32	Connector (Remote switch)	S.W	Switch board
CN41	Connector (HA terminal-A)	SWE2	Emergency operation
CN51	Connector (Centrally control)	TB2	Terminal block(Indoor unit Power (option))
CN90	Connector (Remote operation adapter)	TB4	Terminal block (Indoor/outdoor connecting line)
FUSE	FUSE(T3.15AL250V)	TB5	Terminal block (Remote controller transmission line(option))
LED1	Power supply (I.B)	TH1	Room temp. Thermistor (0℃/15KΩ, 25℃/5.4KΩ Detect)
LED2	Power supply (R.B)		
LED3	Transmission (Indoor-outdoor)	TH2	Pipe temp. Thermistor/liquid (0℃/15KΩ, 25℃/5.4KΩ Detect)
SW1	Switch (Model selection) ※See table 1		
SW2	Switch (Capacity code) ※See table 2	TH5	Cond./eva. temp. Thermistor (0℃/15KΩ, 25℃/5.4KΩ Detect)
SWE	Connector (Emergency operation)		
X1	Relay (Drain pump (option))	W.B	PCB for wireless remote controller
CNP	Drain pump (option) power supply	LED1	LED (Operation indication : Green)
CN4F	Drain float switch (Drain pump (option))	LED2	LED (Preparation for heating: Orange)
R.B	Wired remote controller(option)	REC1	Receiving unit
TB6	Terminal block (Remote controller transmission line)	DCL	REACTOR
		DP	DRAIN PUMP (OPTION)
		FS	DRAIN FLOAT SWITCH (OPTION)



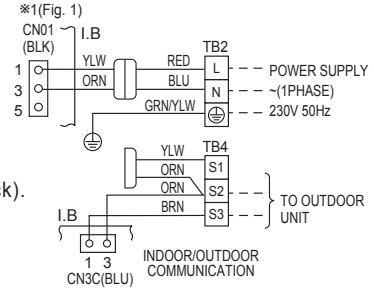
<Table 1>
SW1
(MODEL SELECTION)

SETTING
1 2 3 4 5 ON OFF

<Table 2>
SW2 (CAPACITY CODE)

MODELS	SETTING
RP35	1 2 3 4 5 ON OFF
RP50	1 2 3 4 5 ON OFF

The black square (■) indicates a switch position.



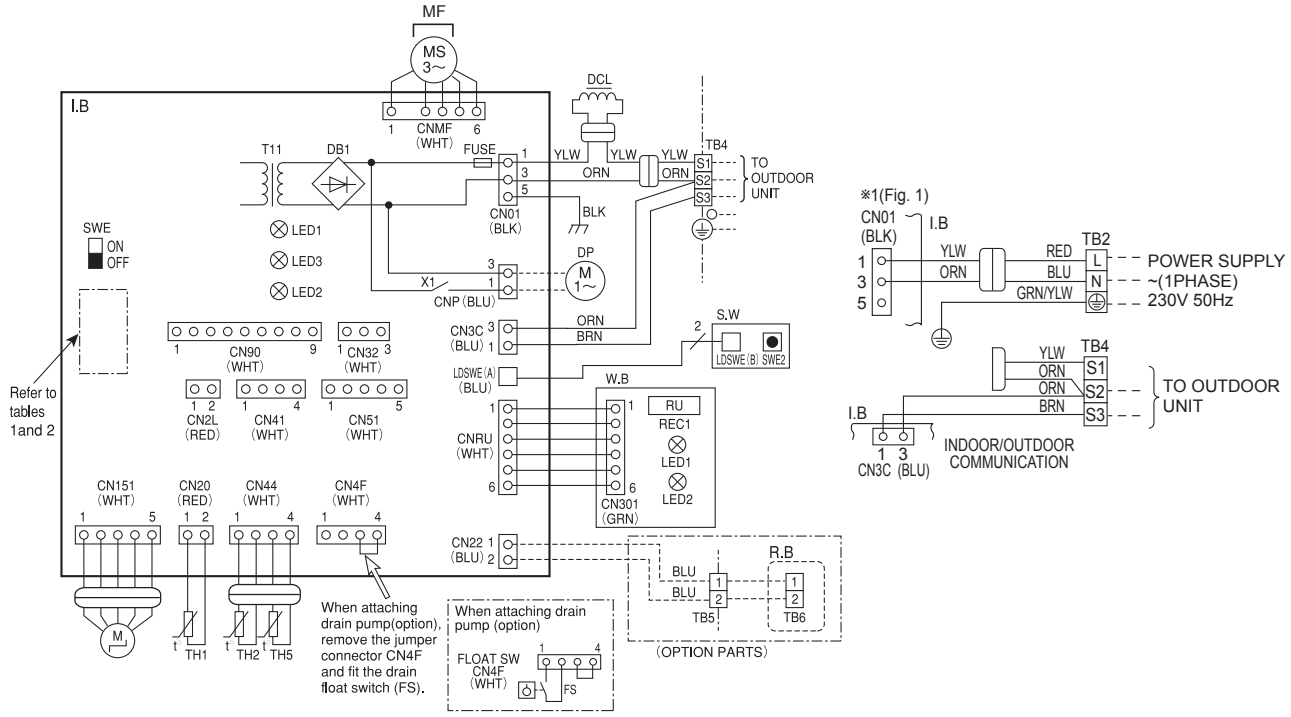
Notes:
1. Symbols used in wiring diagram above are, ▭: Connector, ▭▭▭: Terminal (block).
2. Indoor and outdoor connecting wires have polarities, make sure to match terminal numbers (S1, S2, S3) for correct wirings.
3. Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring diagram for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires. (specification of 230V), adopting superimposed system of power and signal.

※1: When work to Supply power separately to indoor and outdoor units was applied, refer to Fig 1.
※2: For power supply system of this unit, refer to the caution label located near this diagram.

PKA-RP60KAL PKA-RP71KAL PKA-RP100KAL

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	Indoor controller board	M	Vane motor
CN2L	Connector (LOSSNAY)	MS	Fan motor
CN32	Connector (Remote switch)	S.W	Switch board
CN41	Connector (HA terminal-A)	SWE2	Emergency operation
CN51	Connector (Centrally control)	TB2	Terminal block (Indoor unit Power (option))
CN90	Connector (Remote operation adapter)	TB4	Terminal block (Indoor/outdoor connecting line)
FUSE	FUSE (T3.15AL250V)	TB5	Terminal block (Remote controller transmission line option)
LED1	Power supply (I.B)	TH1	Room temp. Thermistor (0℃ / 15kΩ, 25℃ / 5. 4kΩ Detect)
LED2	Power supply (R.B)		
LED3	Transmission (Indoor-outdoor)	TH2	Pipe temp. Thermistor/liquid (0℃ / 15kΩ, 25℃ / 5. 4kΩ Detect)
SW1	Switch (Model selection) ※See table 1		
SW2	Switch (Capacity code) ※See table 2	TH5	Cond. / eva. temp. Thermistor (0℃ / 15kΩ, 25℃ / 5. 4kΩ Detect)
SWE	Connector (Emergency operation)		
X1	Relay (Drain pump(option))	W.B	PCB for wireless remote controller
CNP	Drain pump (option) power supply	LED1	LED (Operation indication : Green)
CN4F	Drain float switch (Drain pump (option))	LED2	LED (Preparation for heating : Orange)
R.B	Wired remote controller	REC1	Receiving unit
TB6	Terminal block (Remote controller transmission line)	DCL	REACTOR
		DP	DRAIN PUMP (OPTION)
		FS	DRAIN FLOAT SWITCH (OPTION)



〈Table 1〉
SW1
〈MODEL SELECTION〉

SETTING
1 2 3 4 5 ON OFF

〈Table 2〉
SW2〈CAPACITY CODE〉

MODELS	SETTING	MODELS	SETTING	MODELS	SETTING
PKA-RP60KAL	1 2 3 4 5 ON OFF	PKA-RP71KAL	1 2 3 4 5 ON OFF	PKA-RP100KAL	1 2 3 4 5 ON OFF

The black square (■) indicates a switch position.

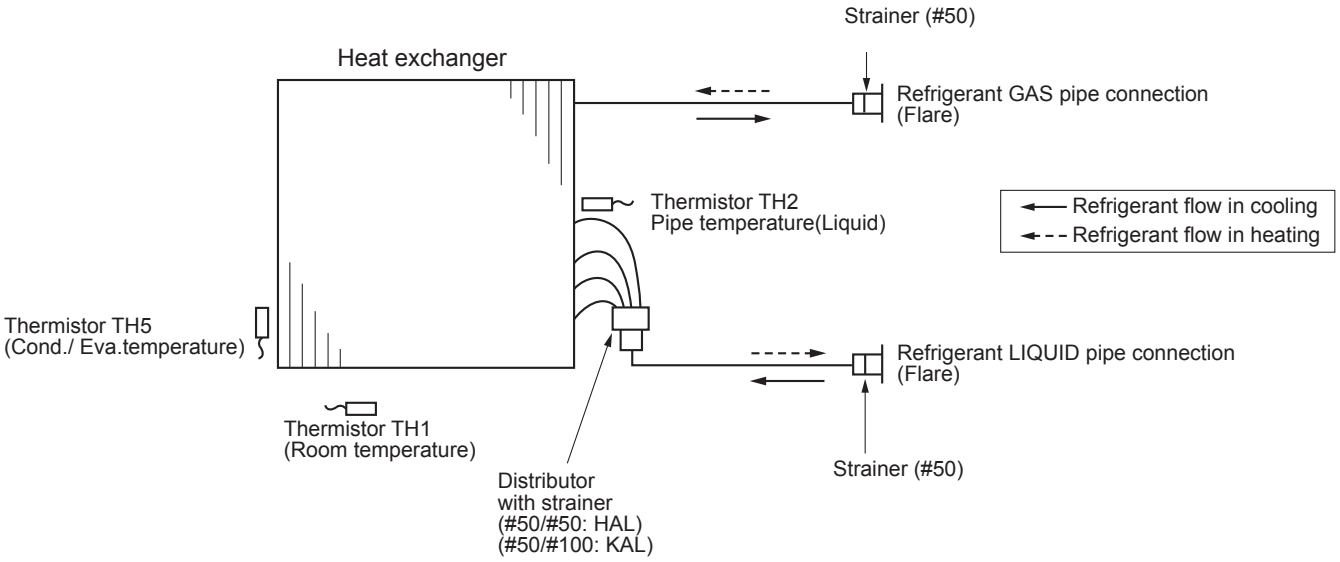
Notes:

1. Symbols used in wiring diagram above are, ○○○ :Connector, □□□ : Terminal (block).
2. Indoor and outdoor connecting wires have polarities, make sure to match terminal numbers (S1, S2, S3) for correct wirings.
3. Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring diagram for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires.(specification of 230V), adopting superimposed system of power and signal.

※1 When work to Supply power separately to indoor and outdoor units was applied,refer to Fig 1.
※2 For power supply system of this unit, refer to the caution label located near this diagram.

A.2.4 REFRIGERANT SYSTEM DIAGRAM

PKA-RP35HAL PKA-RP50HAL
PKA-RP60KAL PKA-RP71KAL PKA-RP100KAL



A.2.5 PERFORMANCE DATA

A.2.5.1 INVERTER MODELS Heat pump type

COOLING CAPACITY

PKA-RP100KAL/PUHZ-SHW112VHA(-BS)/PUHZ-SHW112YHA(-BS)

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,900	6,237	0.63	2.34	9,600	6,048	0.63	2.47	9,300	5,859	0.63	2.62
20	18	10,600	5,406	0.51	2.38	10,300	5,253	0.51	2.51	9,950	5,075	0.51	2.69
20	20	11,400	4,446	0.39	2.46	11,150	4,349	0.39	2.57	10,850	4,232	0.39	2.75
22	16	9,900	7,029	0.71	2.34	9,600	6,816	0.71	2.47	9,300	6,603	0.71	2.62
22	18	10,600	6,254	0.59	2.38	10,300	6,077	0.59	2.51	9,950	5,871	0.59	2.64
22	20	11,400	5,358	0.47	2.46	11,150	5,241	0.47	2.57	10,850	5,100	0.47	2.75
24	16	9,900	7,821	0.79	2.34	9,600	7,584	0.79	2.47	9,300	7,347	0.79	2.62
24	18	10,600	7,102	0.67	2.38	10,300	6,901	0.67	2.51	9,950	6,667	0.67	2.69
24	20	11,400	6,270	0.55	2.46	11,150	6,133	0.55	2.57	10,850	5,968	0.55	2.75
24	22	12,150	5,225	0.43	2.51	11,900	5,117	0.43	2.66	11,600	4,988	0.43	2.84
26	16	9,900	8,613	0.87	2.34	9,600	8,352	0.87	2.47	9,300	8,091	0.87	2.62
26	18	10,600	7,950	0.75	2.38	10,300	7,725	0.75	2.51	9,950	7,463	0.75	2.69
26	20	11,400	7,182	0.63	2.46	11,150	7,025	0.63	2.57	10,850	6,836	0.63	2.75
26	22	12,150	6,197	0.51	2.51	11,900	6,069	0.51	2.66	11,600	5,916	0.51	2.84
27	16	9,900	9,009	0.91	2.34	9,600	8,736	0.91	2.47	9,300	8,463	0.91	2.62
27	18	10,600	8,374	0.79	2.38	10,300	8,137	0.79	2.51	9,950	7,861	0.79	2.69
27	20	11,400	7,638	0.67	2.46	11,150	7,471	0.67	2.57	10,850	7,270	0.67	2.75
27	22	12,150	6,683	0.55	2.51	11,900	6,545	0.55	2.66	11,600	6,380	0.55	2.84
28	16	9,900	9,405	0.95	2.34	9,600	9,120	0.95	2.47	9,300	8,835	0.95	2.62
28	18	10,600	8,798	0.83	2.38	10,300	8,549	0.83	2.51	9,950	8,259	0.83	2.69
28	20	11,400	8,094	0.71	2.46	11,150	7,917	0.71	2.57	10,850	7,704	0.71	2.75
28	22	12,150	7,169	0.59	2.51	11,900	7,021	0.59	2.66	11,600	6,844	0.59	2.84
30	16	9,900	9,900	1.00	2.34	9,600	9,600	1.00	2.47	9,300	9,300	1.00	2.62
30	18	10,600	9,646	0.91	2.38	10,300	9,373	0.91	2.51	9,950	9,055	0.91	2.69
30	20	11,400	9,006	0.79	2.46	11,150	8,809	0.79	2.57	10,850	8,572	0.79	2.75
30	22	12,150	8,141	0.67	2.51	11,900	7,973	0.67	2.66	11,600	7,772	0.67	2.84
32	16	9,900	9,900	1.00	2.34	9,600	9,600	1.00	2.47	9,300	9,300	1.00	2.62
32	18	10,600	10,494	0.99	2.38	10,300	10,197	0.99	2.51	9,950	9,851	0.99	2.69
32	20	11,400	9,918	0.87	2.46	11,150	9,701	0.87	2.57	10,850	9,440	0.87	2.75
32	22	12,150	9,113	0.75	2.51	11,900	8,925	0.75	2.66	11,600	8,700	0.75	2.84
34	16	9,900	9,900	1.00	2.34	9,600	9,600	1.00	2.47	9,300	9,300	1.00	2.62
34	18	10,600	10,600	1.00	2.38	10,300	10,300	1.00	2.51	9,950	9,950	1.00	2.69
34	20	11,400	10,830	0.95	2.46	11,150	10,593	0.95	2.57	10,850	10,308	0.95	2.75
34	22	12,150	10,085	0.83	2.51	11,900	9,877	0.83	2.66	11,600	9,628	0.83	2.84

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,900	5,607	0.63	2.81	8,500	5,355	0.63	3.01	8,100	5,103	0.63	3.26
20	18	9,600	4,896	0.51	2.88	9,300	4,743	0.51	3.10	8,700	4,437	0.51	3.33
20	20	10,400	4,056	0.39	2.95	10,000	3,900	0.39	3.16	9,400	3,666	0.39	3.39
22	16	8,900	6,319	0.71	2.81	8,500	6,035	0.71	3.01	8,100	5,751	0.71	3.26
22	18	9,600	5,664	0.59	2.88	9,300	5,487	0.59	3.10	8,700	5,133	0.59	3.33
22	20	10,400	4,888	0.47	2.95	10,000	4,700	0.47	3.16	9,400	4,418	0.47	3.39
24	16	8,900	7,031	0.79	2.81	8,500	6,715	0.79	3.01	8,100	6,399	0.79	3.26
24	18	9,600	6,432	0.67	2.88	9,300	6,231	0.67	3.10	8,700	5,829	0.67	3.33
24	20	10,400	5,720	0.55	2.95	10,000	5,500	0.55	3.16	9,400	5,170	0.55	3.39
24	22	11,200	4,816	0.43	3.01	10,800	4,644	0.43	3.25	10,200	4,386	0.43	3.45
26	16	8,900	7,743	0.87	2.81	8,500	7,395	0.87	3.01	8,100	7,047	0.87	3.26
26	18	9,600	7,200	0.75	2.88	9,300	6,975	0.75	3.10	8,700	6,525	0.75	3.33
26	20	10,400	6,552	0.63	2.95	10,000	6,300	0.63	3.16	9,400	5,922	0.63	3.39
26	22	11,200	5,712	0.51	3.01	10,800	5,508	0.51	3.25	10,200	5,202	0.51	3.45
27	16	8,900	8,099	0.91	2.81	8,500	7,735	0.91	3.01	8,100	7,371	0.91	3.26
27	18	9,600	7,584	0.79	2.88	9,300	7,347	0.79	3.10	8,700	6,873	0.79	3.33
27	20	10,400	6,968	0.67	2.95	10,000	6,700	0.67	3.16	9,400	6,298	0.67	3.39
27	22	11,200	6,160	0.55	3.01	10,800	5,940	0.55	3.25	10,200	5,610	0.55	3.45
28	16	8,900	8,455	0.95	2.81	8,500	8,075	0.95	3.01	8,100	7,695	0.95	3.26
28	18	9,600	7,968	0.83	2.88	9,300	7,719	0.83	3.10	8,700	7,221	0.83	3.33
28	20	10,400	7,384	0.71	2.95	10,000	7,100	0.71	3.16	9,400	6,674	0.71	3.39
28	22	11,200	6,608	0.59	3.01	10,800	6,372	0.59	3.25	10,200	6,018	0.59	3.45
30	16	8,900	8,900	1.00	2.81	8,500	8,500	1.00	3.01	8,100	8,100	1.00	3.26
30	18	9,600	8,736	0.91	2.88	9,300	8,463	0.91	3.10	8,700	7,917	0.91	3.33
30	20	10,400	8,216	0.79	2.95	10,000	7,900	0.79	3.16	9,400	7,426	0.79	3.39
30	22	11,200	7,504	0.67	3.01	10,800	7,236	0.67	3.25	10,200	6,834	0.67	3.45
32	16	8,900	8,900	1.00	2.81	8,500	8,500	1.00	3.01	8,100	8,100	1.00	3.26
32	18	9,600	9,504	0.99	2.88	9,300	9,207	0.99	3.10	8,700	8,613	0.99	3.33
32	20	10,400	9,048	0.87	2.95	10,000	8,700	0.87	3.16	9,400	8,178	0.87	3.39
32	22	11,200	8,400	0.75	3.01	10,800	8,100	0.75	3.25	10,200	7,650	0.75	3.45
34	16	8,900	8,900	1.00	2.81	8,500	8,500	1.00	3.01	8,100	8,100	1.00	3.26
34	18	9,600	9,600	1.00	2.88	9,300	9,300	1.00	3.10	8,700	8,700	1.00	3.33
34	20	10,400	9,880	0.95	2.95	10,000	9,500	0.95	3.16	9,400	8,930	0.95	3.39
34	22	11,200	9,296	0.83	3.01	10,800	8,964	0.83	3.25	10,200	8,466	0.83	3.45

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-RP35HAL/PUHZ-ZRP35VKA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,530	0.71	0.75	3,456	2,454	0.71	0.79	3,348	2,377	0.71	0.84
20	18	3,816	2,251	0.59	0.77	3,708	2,188	0.59	0.81	3,582	2,113	0.59	0.86
20	20	4,104	1,929	0.47	0.79	4,014	1,887	0.47	0.83	3,906	1,836	0.47	0.88
22	16	3,564	2,816	0.79	0.75	3,456	2,730	0.79	0.79	3,348	2,645	0.79	0.84
22	18	3,816	2,557	0.67	0.77	3,708	2,484	0.67	0.81	3,582	2,400	0.67	0.86
22	20	4,104	2,257	0.55	0.79	4,014	2,208	0.55	0.83	3,906	2,148	0.55	0.88
24	16	3,564	3,101	0.87	0.75	3,456	3,007	0.87	0.79	3,348	2,913	0.87	0.84
24	18	3,816	2,862	0.75	0.77	3,708	2,781	0.75	0.81	3,582	2,687	0.75	0.86
24	20	4,104	2,586	0.63	0.79	4,014	2,529	0.63	0.83	3,906	2,461	0.63	0.88
24	22	4,374	2,231	0.51	0.81	4,284	2,185	0.51	0.86	4,176	2,130	0.51	0.91
26	16	3,564	3,386	0.95	0.75	3,456	3,283	0.95	0.79	3,348	3,181	0.95	0.84
26	18	3,816	3,167	0.83	0.77	3,708	3,078	0.83	0.81	3,582	2,973	0.83	0.86
26	20	4,104	2,914	0.71	0.79	4,014	2,850	0.71	0.83	3,906	2,773	0.71	0.88
26	22	4,374	2,581	0.59	0.81	4,284	2,528	0.59	0.86	4,176	2,464	0.59	0.91
27	16	3,564	3,528	0.99	0.75	3,456	3,421	0.99	0.79	3,348	3,315	0.99	0.84
27	18	3,816	3,320	0.87	0.77	3,708	3,226	0.87	0.81	3,582	3,116	0.87	0.86
27	20	4,104	3,078	0.75	0.79	4,014	3,011	0.75	0.83	3,906	2,930	0.75	0.88
27	22	4,374	2,756	0.63	0.81	4,284	2,699	0.63	0.86	4,176	2,631	0.63	0.91
28	16	3,564	3,564	1.00	0.75	3,456	3,456	1.00	0.79	3,348	3,348	1.00	0.84
28	18	3,816	3,473	0.91	0.77	3,708	3,374	0.91	0.81	3,582	3,260	0.91	0.86
28	20	4,104	3,242	0.79	0.79	4,014	3,171	0.79	0.83	3,906	3,086	0.79	0.88
28	22	4,374	2,931	0.67	0.81	4,284	2,870	0.67	0.86	4,176	2,798	0.67	0.91
30	16	3,564	3,564	1.00	0.75	3,456	3,456	1.00	0.79	3,348	3,348	1.00	0.84
30	18	3,816	3,778	0.99	0.77	3,708	3,671	0.99	0.81	3,582	3,546	0.99	0.86
30	20	4,104	3,570	0.87	0.79	4,014	3,492	0.87	0.83	3,906	3,398	0.87	0.88
30	22	4,374	3,281	0.75	0.81	4,284	3,213	0.75	0.86	4,176	3,132	0.75	0.91
32	16	3,564	3,564	1.00	0.75	3,456	3,456	1.00	0.79	3,348	3,348	1.00	0.84
32	18	3,816	3,816	1.00	0.77	3,708	3,708	1.00	0.81	3,582	3,582	1.00	0.86
32	20	4,104	3,899	0.95	0.79	4,014	3,813	0.95	0.83	3,906	3,711	0.95	0.88
32	22	4,374	3,630	0.83	0.81	4,284	3,556	0.83	0.86	4,176	3,466	0.83	0.91
34	16	3,564	3,564	1.00	0.75	3,456	3,456	1.00	0.79	3,348	3,348	1.00	0.84
34	18	3,816	3,816	1.00	0.77	3,708	3,708	1.00	0.81	3,582	3,582	1.00	0.86
34	20	4,104	4,104	1.00	0.79	4,014	4,014	1.00	0.83	3,906	3,906	1.00	0.88
34	22	4,374	3,980	0.91	0.81	4,284	3,898	0.91	0.86	4,176	3,800	0.91	0.91

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,275	0.71	0.90	3,060	2,173	0.71	0.97	2,916	2,070	0.71	1.05
20	18	3,456	2,039	0.59	0.93	3,348	1,975	0.59	1.00	3,132	1,848	0.59	1.07
20	20	3,744	1,760	0.47	0.95	3,600	1,692	0.47	1.02	3,384	1,590	0.47	1.09
22	16	3,204	2,531	0.79	0.90	3,060	2,417	0.79	0.97	2,916	2,304	0.79	1.05
22	18	3,456	2,316	0.67	0.93	3,348	2,243	0.67	1.00	3,132	2,098	0.67	1.07
22	20	3,744	2,059	0.55	0.95	3,600	1,980	0.55	1.02	3,384	1,861	0.55	1.09
24	16	3,204	2,787	0.87	0.90	3,060	2,662	0.87	0.97	2,916	2,537	0.87	1.05
24	18	3,456	2,592	0.75	0.93	3,348	2,511	0.75	1.00	3,132	2,349	0.75	1.07
24	20	3,744	2,359	0.63	0.95	3,600	2,268	0.63	1.02	3,384	2,132	0.63	1.09
24	22	4,032	2,056	0.51	0.97	3,888	1,983	0.51	1.04	3,672	1,873	0.51	1.11
26	16	3,204	3,044	0.95	0.90	3,060	2,907	0.95	0.97	2,916	2,770	0.95	1.05
26	18	3,456	2,868	0.83	0.93	3,348	2,779	0.83	1.00	3,132	2,600	0.83	1.07
26	20	3,744	2,658	0.71	0.95	3,600	2,556	0.71	1.02	3,384	2,403	0.71	1.09
26	22	4,032	2,379	0.59	0.97	3,888	2,294	0.59	1.04	3,672	2,166	0.59	1.11
27	16	3,204	3,172	0.99	0.90	3,060	3,029	0.99	0.97	2,916	2,887	0.99	1.05
27	18	3,456	3,007	0.87	0.93	3,348	2,913	0.87	1.00	3,132	2,725	0.87	1.07
27	20	3,744	2,808	0.75	0.95	3,600	2,700	0.75	1.02	3,384	2,538	0.75	1.09
27	22	4,032	2,540	0.63	0.97	3,888	2,449	0.63	1.04	3,672	2,313	0.63	1.11
28	16	3,204	3,204	1.00	0.90	3,060	3,060	1.00	0.97	2,916	2,916	1.00	1.05
28	18	3,456	3,145	0.91	0.93	3,348	3,047	0.91	1.00	3,132	2,850	0.91	1.07
28	20	3,744	2,958	0.79	0.95	3,600	2,844	0.79	1.02	3,384	2,673	0.79	1.09
28	22	4,032	2,701	0.67	0.97	3,888	2,605	0.67	1.04	3,672	2,460	0.67	1.11
30	16	3,204	3,204	1.00	0.90	3,060	3,060	1.00	0.97	2,916	2,916	1.00	1.05
30	18	3,456	3,421	0.99	0.93	3,348	3,315	0.99	1.00	3,132	3,101	0.99	1.07
30	20	3,744	3,257	0.87	0.95	3,600	3,132	0.87	1.02	3,384	2,944	0.87	1.09
30	22	4,032	3,024	0.75	0.97	3,888	2,916	0.75	1.04	3,672	2,754	0.75	1.11
32	16	3,204	3,204	1.00	0.90	3,060	3,060	1.00	0.97	2,916	2,916	1.00	1.05
32	18	3,456	3,456	1.00	0.93	3,348	3,348	1.00	1.00	3,132	3,132	1.00	1.07
32	20	3,744	3,557	0.95	0.95	3,600	3,420	0.95	1.02	3,384	3,215	0.95	1.09
32	22	4,032	3,347	0.83	0.97	3,888	3,227	0.83	1.04	3,672	3,048	0.83	1.11
34	16	3,204	3,204	1.00	0.90	3,060	3,060	1.00	0.97	2,916	2,916	1.00	1.05
34	18	3,456	3,456	1.00	0.93	3,348	3,348	1.00	1.00	3,132	3,132	1.00	1.07
34	20	3,744	3,744	1.00	0.95	3,600	3,600	1.00	1.02	3,384	3,384	1.00	1.09
34	22	4,032	3,669	0.91	0.97	3,888	3,538	0.91	1.04	3,672	3,342	0.91	1.11

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-RP50HAL/PUHZ-ZRP50VKA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,554	2,823	0.62	1.13	4,416	2,738	0.62	1.19	4,278	2,652	0.62	1.26
20	18	4,876	2,438	0.50	1.15	4,738	2,369	0.50	1.21	4,577	2,289	0.50	1.30
20	20	5,244	1,993	0.38	1.18	5,129	1,949	0.38	1.24	4,991	1,897	0.38	1.33
22	16	4,554	3,188	0.70	1.13	4,416	3,091	0.70	1.19	4,278	2,995	0.70	1.26
22	18	4,876	2,828	0.58	1.15	4,738	2,748	0.58	1.21	4,577	2,655	0.58	1.30
22	20	5,244	2,412	0.46	1.18	5,129	2,359	0.46	1.24	4,991	2,296	0.46	1.33
24	16	4,554	3,552	0.78	1.13	4,416	3,444	0.78	1.19	4,278	3,337	0.78	1.26
24	18	4,876	3,218	0.66	1.15	4,738	3,127	0.66	1.21	4,577	3,021	0.66	1.30
24	20	5,244	2,832	0.54	1.18	5,129	2,770	0.54	1.24	4,991	2,695	0.54	1.33
24	22	5,589	2,347	0.42	1.21	5,474	2,299	0.42	1.28	5,336	2,241	0.42	1.37
26	16	4,554	3,916	0.86	1.13	4,416	3,798	0.86	1.19	4,278	3,679	0.86	1.26
26	18	4,876	3,608	0.74	1.15	4,738	3,506	0.74	1.21	4,577	3,387	0.74	1.30
26	20	5,244	3,251	0.62	1.18	5,129	3,180	0.62	1.24	4,991	3,094	0.62	1.33
26	22	5,589	2,795	0.50	1.21	5,474	2,737	0.50	1.28	5,336	2,668	0.50	1.37
27	16	4,554	4,099	0.90	1.13	4,416	3,974	0.90	1.19	4,278	3,850	0.90	1.26
27	18	4,876	3,803	0.78	1.15	4,738	3,696	0.78	1.21	4,577	3,570	0.78	1.30
27	20	5,244	3,461	0.66	1.18	5,129	3,385	0.66	1.24	4,991	3,294	0.66	1.33
27	22	5,589	3,018	0.54	1.21	5,474	2,956	0.54	1.28	5,336	2,881	0.54	1.37
28	16	4,554	4,281	0.94	1.13	4,416	4,151	0.94	1.19	4,278	4,021	0.94	1.26
28	18	4,876	3,998	0.82	1.15	4,738	3,885	0.82	1.21	4,577	3,753	0.82	1.30
28	20	5,244	3,671	0.70	1.18	5,129	3,590	0.70	1.24	4,991	3,494	0.70	1.33
28	22	5,589	3,242	0.58	1.21	5,474	3,175	0.58	1.28	5,336	3,095	0.58	1.37
30	16	4,554	4,554	1.00	1.13	4,416	4,416	1.00	1.19	4,278	4,278	1.00	1.26
30	18	4,876	4,388	0.90	1.15	4,738	4,264	0.90	1.21	4,577	4,119	0.90	1.30
30	20	5,244	4,090	0.78	1.18	5,129	4,001	0.78	1.24	4,991	3,893	0.78	1.33
30	22	5,589	3,689	0.66	1.21	5,474	3,613	0.66	1.28	5,336	3,522	0.66	1.37
32	16	4,554	4,554	1.00	1.13	4,416	4,416	1.00	1.19	4,278	4,278	1.00	1.26
32	18	4,876	4,778	0.98	1.15	4,738	4,643	0.98	1.21	4,577	4,485	0.98	1.30
32	20	5,244	4,510	0.86	1.18	5,129	4,411	0.86	1.24	4,991	4,292	0.86	1.33
32	22	5,589	4,136	0.74	1.21	5,474	4,051	0.74	1.28	5,336	3,949	0.74	1.37
34	16	4,554	4,554	1.00	1.13	4,416	4,416	1.00	1.19	4,278	4,278	1.00	1.26
34	18	4,876	4,876	1.00	1.15	4,738	4,738	1.00	1.21	4,577	4,577	1.00	1.30
34	20	5,244	4,929	0.94	1.18	5,129	4,821	0.94	1.24	4,991	4,692	0.94	1.33
34	22	5,589	4,583	0.82	1.21	5,474	4,489	0.82	1.28	5,336	4,376	0.82	1.37

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,094	2,538	0.62	1.35	3,910	2,424	0.62	1.45	3,726	2,310	0.62	1.57
20	18	4,416	2,208	0.50	1.39	4,278	2,139	0.50	1.49	4,002	2,001	0.50	1.61
20	20	4,784	1,818	0.38	1.42	4,600	1,748	0.38	1.52	4,324	1,643	0.38	1.64
22	16	4,094	2,866	0.70	1.35	3,910	2,737	0.70	1.45	3,726	2,608	0.70	1.57
22	18	4,416	2,561	0.58	1.39	4,278	2,481	0.58	1.49	4,002	2,321	0.58	1.61
22	20	4,784	2,201	0.46	1.42	4,600	2,116	0.46	1.52	4,324	1,989	0.46	1.64
24	16	4,094	3,193	0.78	1.35	3,910	3,050	0.78	1.45	3,726	2,906	0.78	1.57
24	18	4,416	2,915	0.66	1.39	4,278	2,823	0.66	1.49	4,002	2,641	0.66	1.61
24	20	4,784	2,583	0.54	1.42	4,600	2,484	0.54	1.52	4,324	2,335	0.54	1.64
24	22	5,152	2,164	0.42	1.45	4,968	2,087	0.42	1.57	4,692	1,971	0.42	1.66
26	16	4,094	3,521	0.86	1.35	3,910	3,363	0.86	1.45	3,726	3,204	0.86	1.57
26	18	4,416	3,268	0.74	1.39	4,278	3,166	0.74	1.49	4,002	2,961	0.74	1.61
26	20	4,784	2,966	0.62	1.42	4,600	2,852	0.62	1.52	4,324	2,681	0.62	1.64
26	22	5,152	2,576	0.50	1.45	4,968	2,484	0.50	1.57	4,692	2,346	0.50	1.66
27	16	4,094	3,685	0.90	1.35	3,910	3,519	0.90	1.45	3,726	3,353	0.90	1.57
27	18	4,416	3,444	0.78	1.39	4,278	3,337	0.78	1.49	4,002	3,122	0.78	1.61
27	20	4,784	3,157	0.66	1.42	4,600	3,036	0.66	1.52	4,324	2,854	0.66	1.64
27	22	5,152	2,782	0.54	1.45	4,968	2,683	0.54	1.57	4,692	2,534	0.54	1.66
28	16	4,094	3,848	0.94	1.35	3,910	3,675	0.94	1.45	3,726	3,502	0.94	1.57
28	18	4,416	3,621	0.82	1.39	4,278	3,508	0.82	1.49	4,002	3,282	0.82	1.61
28	20	4,784	3,349	0.70	1.42	4,600	3,220	0.70	1.52	4,324	3,027	0.70	1.64
28	22	5,152	2,988	0.58	1.45	4,968	2,881	0.58	1.57	4,692	2,721	0.58	1.66
30	16	4,094	4,094	1.00	1.35	3,910	3,910	1.00	1.45	3,726	3,726	1.00	1.57
30	18	4,416	3,974	0.90	1.39	4,278	3,850	0.90	1.49	4,002	3,602	0.90	1.61
30	20	4,784	3,732	0.78	1.42	4,600	3,588	0.78	1.52	4,324	3,373	0.78	1.64
30	22	5,152	3,400	0.66	1.45	4,968	3,279	0.66	1.57	4,692	3,097	0.66	1.66
32	16	4,094	4,094	1.00	1.35	3,910	3,910	1.00	1.45	3,726	3,726	1.00	1.57
32	18	4,416	4,328	0.98	1.39	4,278	4,192	0.98	1.49	4,002	3,922	0.98	1.61
32	20	4,784	4,114	0.86	1.42	4,600	3,956	0.86	1.52	4,324	3,719	0.86	1.64
32	22	5,152	3,812	0.74	1.45	4,968	3,676	0.74	1.57	4,692	3,472	0.74	1.66
34	16	4,094	4,094	1.00	1.35	3,910	3,910	1.00	1.45	3,726	3,726	1.00	1.57
34	18	4,416	4,416	1.00	1.39	4,278	4,278	1.00	1.49	4,002	4,002	1.00	1.61
34	20	4,784	4,497	0.94	1.42	4,600	4,324	0.94	1.52	4,324	4,065	0.94	1.64
34	22	5,152	4,225	0.82	1.45	4,968	4,074	0.82	1.57	4,692	3,847	0.82	1.66

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-RP60KAL/PUHZ-ZRP60VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,590	0.76	1.28	5,856	4,451	0.76	1.35	5,673	4,311	0.76	1.43
20	18	6,466	4,138	0.64	1.30	6,283	4,021	0.64	1.38	6,070	3,884	0.64	1.47
20	20	6,954	3,616	0.52	1.34	6,802	3,537	0.52	1.41	6,619	3,442	0.52	1.50
22	16	6,039	5,073	0.84	1.28	5,856	4,919	0.84	1.35	5,673	4,765	0.84	1.43
22	18	6,466	4,656	0.72	1.30	6,283	4,524	0.72	1.38	6,070	4,370	0.72	1.47
22	20	6,954	4,172	0.60	1.34	6,802	4,081	0.60	1.41	6,619	3,971	0.60	1.50
24	16	6,039	5,556	0.92	1.28	5,856	5,388	0.92	1.35	5,673	5,219	0.92	1.43
24	18	6,466	5,173	0.80	1.30	6,283	5,026	0.80	1.38	6,070	4,856	0.80	1.47
24	20	6,954	4,729	0.68	1.34	6,802	4,625	0.68	1.41	6,619	4,501	0.68	1.50
24	22	7,412	4,150	0.56	1.38	7,259	4,065	0.56	1.46	7,076	3,963	0.56	1.55
26	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
26	18	6,466	5,690	0.88	1.30	6,283	5,529	0.88	1.38	6,070	5,341	0.88	1.47
26	20	6,954	5,285	0.76	1.34	6,802	5,169	0.76	1.41	6,619	5,030	0.76	1.50
26	22	7,412	4,743	0.64	1.38	7,259	4,646	0.64	1.46	7,076	4,529	0.64	1.55
27	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
27	18	6,466	5,949	0.92	1.30	6,283	5,780	0.92	1.38	6,070	5,584	0.92	1.47
27	20	6,954	5,563	0.80	1.34	6,802	5,441	0.80	1.41	6,619	5,295	0.80	1.50
27	22	7,412	5,040	0.68	1.38	7,259	4,936	0.68	1.46	7,076	4,812	0.68	1.55
28	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
28	18	6,466	6,207	0.96	1.30	6,283	6,032	0.96	1.38	6,070	5,827	0.96	1.47
28	20	6,954	5,841	0.84	1.34	6,802	5,713	0.84	1.41	6,619	5,560	0.84	1.50
28	22	7,412	5,336	0.72	1.38	7,259	5,226	0.72	1.46	7,076	5,095	0.72	1.55
30	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
30	18	6,466	6,466	1.00	1.30	6,283	6,283	1.00	1.38	6,070	6,070	1.00	1.47
30	20	6,954	6,398	0.92	1.34	6,802	6,257	0.92	1.41	6,619	6,089	0.92	1.50
30	22	7,412	5,929	0.80	1.38	7,259	5,807	0.80	1.46	7,076	5,661	0.80	1.55
32	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
32	18	6,466	6,466	1.00	1.30	6,283	6,283	1.00	1.38	6,070	6,070	1.00	1.47
32	20	6,954	6,954	1.00	1.34	6,802	6,802	1.00	1.41	6,619	6,619	1.00	1.50
32	22	7,412	6,522	0.88	1.38	7,259	6,388	0.88	1.46	7,076	6,227	0.88	1.55
34	16	6,039	6,039	1.00	1.28	5,856	5,856	1.00	1.35	5,673	5,673	1.00	1.43
34	18	6,466	6,466	1.00	1.30	6,283	6,283	1.00	1.38	6,070	6,070	1.00	1.47
34	20	6,954	6,954	1.00	1.34	6,802	6,802	1.00	1.41	6,619	6,619	1.00	1.50
34	22	7,412	7,115	0.96	1.38	7,259	6,969	0.96	1.46	7,076	6,793	0.96	1.55

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	4,126	0.76	1.54	5,185	3,941	0.76	1.65	4,941	3,755	0.76	1.78
20	18	5,856	3,748	0.64	1.58	5,673	3,631	0.64	1.70	5,307	3,396	0.64	1.82
20	20	6,344	3,299	0.52	1.62	6,100	3,172	0.52	1.73	5,734	2,982	0.52	1.86
22	16	5,429	4,560	0.84	1.54	5,185	4,355	0.84	1.65	4,941	4,150	0.84	1.78
22	18	5,856	4,216	0.72	1.58	5,673	4,085	0.72	1.70	5,307	3,821	0.72	1.82
22	20	6,344	3,806	0.60	1.62	6,100	3,660	0.60	1.73	5,734	3,440	0.60	1.86
24	16	5,429	4,995	0.92	1.54	5,185	4,770	0.92	1.65	4,941	4,546	0.92	1.78
24	18	5,856	4,685	0.80	1.58	5,673	4,538	0.80	1.70	5,307	4,246	0.80	1.82
24	20	6,344	4,314	0.68	1.62	6,100	4,148	0.68	1.73	5,734	3,899	0.68	1.86
24	22	6,832	3,826	0.56	1.65	6,588	3,689	0.56	1.78	6,222	3,484	0.56	1.89
26	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
26	18	5,856	5,153	0.88	1.58	5,673	4,992	0.88	1.70	5,307	4,670	0.88	1.82
26	20	6,344	4,821	0.76	1.62	6,100	4,636	0.76	1.73	5,734	4,358	0.76	1.86
26	22	6,832	4,372	0.64	1.65	6,588	4,216	0.64	1.78	6,222	3,982	0.64	1.89
27	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
27	18	5,856	5,388	0.92	1.58	5,673	5,219	0.92	1.70	5,307	4,882	0.92	1.82
27	20	6,344	5,075	0.80	1.62	6,100	4,880	0.80	1.73	5,734	4,587	0.80	1.86
27	22	6,832	4,646	0.68	1.65	6,588	4,480	0.68	1.78	6,222	4,231	0.68	1.89
28	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
28	18	5,856	5,622	0.96	1.58	5,673	5,446	0.96	1.70	5,307	5,095	0.96	1.82
28	20	6,344	5,329	0.84	1.62	6,100	5,124	0.84	1.73	5,734	4,817	0.84	1.86
28	22	6,832	4,919	0.72	1.65	6,588	4,743	0.72	1.78	6,222	4,480	0.72	1.89
30	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
30	18	5,856	5,856	1.00	1.58	5,673	5,673	1.00	1.70	5,307	5,307	1.00	1.82
30	20	6,344	5,836	0.92	1.62	6,100	5,612	0.92	1.73	5,734	5,275	0.92	1.86
30	22	6,832	5,466	0.80	1.65	6,588	5,270	0.80	1.78	6,222	4,978	0.80	1.89
32	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
32	18	5,856	5,856	1.00	1.58	5,673	5,673	1.00	1.70	5,307	5,307	1.00	1.82
32	20	6,344	6,344	1.00	1.62	6,100	6,100	1.00	1.73	5,734	5,734	1.00	1.86
32	22	6,832	6,012	0.88	1.65	6,588	5,797	0.88	1.78	6,222	5,475	0.88	1.89
34	16	5,429	5,429	1.00	1.54	5,185	5,185	1.00	1.65	4,941	4,941	1.00	1.78
34	18	5,856	5,856	1.00	1.58	5,673	5,673	1.00	1.70	5,307	5,307	1.00	1.82
34	20	6,344	6,344	1.00	1.62	6,100	6,100	1.00	1.73	5,734	5,734	1.00	1.86
34	22	6,832	6,559	0.96	1.65	6,588	6,324	0.96	1.78	6,222	5,973	0.96	1.89

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-RP71KAL/PUHZ-ZRP71VHA

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	7,029	4,780	0.68	1.44	6,816	4,635	0.68	1.52	6,603	4,490	0.68	1.61
20	18	7,526	4,215	0.56	1.47	7,313	4,095	0.56	1.55	7,065	3,956	0.56	1.66
20	20	8,094	3,561	0.44	1.51	7,917	3,483	0.44	1.58	7,704	3,390	0.44	1.69
22	16	7,029	5,342	0.76	1.44	6,816	5,180	0.76	1.52	6,603	5,018	0.76	1.61
22	18	7,526	4,817	0.64	1.47	7,313	4,680	0.64	1.55	7,065	4,521	0.64	1.66
22	20	8,094	4,209	0.52	1.51	7,917	4,117	0.52	1.58	7,704	4,006	0.52	1.69
24	16	7,029	5,904	0.84	1.44	6,816	5,725	0.84	1.52	6,603	5,547	0.84	1.61
24	18	7,526	5,419	0.72	1.47	7,313	5,265	0.72	1.55	7,065	5,086	0.72	1.66
24	20	8,094	4,856	0.60	1.51	7,917	4,750	0.60	1.58	7,704	4,622	0.60	1.69
24	22	8,627	4,141	0.48	1.55	8,449	4,056	0.48	1.64	8,236	3,953	0.48	1.75
26	16	7,029	6,467	0.92	1.44	6,816	6,271	0.92	1.52	6,603	6,075	0.92	1.61
26	18	7,526	6,021	0.80	1.47	7,313	5,850	0.80	1.55	7,065	5,652	0.80	1.66
26	20	8,094	5,504	0.68	1.51	7,917	5,383	0.68	1.58	7,704	5,238	0.68	1.69
26	22	8,627	4,831	0.56	1.55	8,449	4,731	0.56	1.64	8,236	4,612	0.56	1.75
27	16	7,029	6,748	0.96	1.44	6,816	6,543	0.96	1.52	6,603	6,339	0.96	1.61
27	18	7,526	6,322	0.84	1.47	7,313	6,143	0.84	1.55	7,065	5,934	0.84	1.66
27	20	8,094	5,828	0.72	1.51	7,917	5,700	0.72	1.58	7,704	5,547	0.72	1.69
27	22	8,627	5,176	0.60	1.55	8,449	5,069	0.60	1.64	8,236	4,942	0.60	1.75
28	16	7,029	7,029	1.00	1.44	6,816	6,816	1.00	1.52	6,603	6,603	1.00	1.61
28	18	7,526	6,623	0.88	1.47	7,313	6,435	0.88	1.55	7,065	6,217	0.88	1.66
28	20	8,094	6,151	0.76	1.51	7,917	6,017	0.76	1.58	7,704	5,855	0.76	1.69
28	22	8,627	5,521	0.64	1.55	8,449	5,407	0.64	1.64	8,236	5,271	0.64	1.75
30	16	7,029	7,029	1.00	1.44	6,816	6,816	1.00	1.52	6,603	6,603	1.00	1.61
30	18	7,526	7,225	0.96	1.47	7,313	7,020	0.96	1.55	7,065	6,782	0.96	1.66
30	20	8,094	6,799	0.84	1.51	7,917	6,650	0.84	1.58	7,704	6,471	0.84	1.69
30	22	8,627	6,211	0.72	1.55	8,449	6,083	0.72	1.64	8,236	5,930	0.72	1.75
32	16	7,029	7,029	1.00	1.44	6,816	6,816	1.00	1.52	6,603	6,603	1.00	1.61
32	18	7,526	7,526	1.00	1.47	7,313	7,313	1.00	1.55	7,065	7,065	1.00	1.66
32	20	8,094	7,446	0.92	1.51	7,917	7,283	0.92	1.58	7,704	7,087	0.92	1.69
32	22	8,627	6,901	0.80	1.55	8,449	6,759	0.80	1.64	8,236	6,589	0.80	1.75
34	16	7,029	7,029	1.00	1.44	6,816	6,816	1.00	1.52	6,603	6,603	1.00	1.61
34	18	7,526	7,526	1.00	1.47	7,313	7,313	1.00	1.55	7,065	7,065	1.00	1.66
34	20	8,094	8,094	1.00	1.51	7,917	7,917	1.00	1.58	7,704	7,704	1.00	1.69
34	22	8,627	7,591	0.88	1.55	8,449	7,435	0.88	1.64	8,236	7,248	0.88	1.75

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	6,319	4,297	0.68	1.73	6,035	4,104	0.68	1.85	5,751	3,911	0.68	2.01
20	18	6,816	3,817	0.56	1.77	6,603	3,698	0.56	1.91	6,177	3,459	0.56	2.05
20	20	7,384	3,249	0.44	1.82	7,100	3,124	0.44	1.94	6,674	2,937	0.44	2.09
22	16	6,319	4,802	0.76	1.73	6,035	4,587	0.76	1.85	5,751	4,371	0.76	2.01
22	18	6,816	4,362	0.64	1.77	6,603	4,226	0.64	1.91	6,177	3,953	0.64	2.05
22	20	7,384	3,840	0.52	1.82	7,100	3,692	0.52	1.94	6,674	3,470	0.52	2.09
24	16	6,319	5,308	0.84	1.73	6,035	5,069	0.84	1.85	5,751	4,831	0.84	2.01
24	18	6,816	4,908	0.72	1.77	6,603	4,754	0.72	1.91	6,177	4,447	0.72	2.05
24	20	7,384	4,430	0.60	1.82	7,100	4,260	0.60	1.94	6,674	4,004	0.60	2.09
24	22	7,952	3,817	0.48	1.85	7,668	3,681	0.48	2.00	7,242	3,476	0.48	2.12
26	16	6,319	5,813	0.92	1.73	6,035	5,552	0.92	1.85	5,751	5,291	0.92	2.01
26	18	6,816	5,453	0.80	1.77	6,603	5,282	0.80	1.91	6,177	4,942	0.80	2.05
26	20	7,384	5,021	0.68	1.82	7,100	4,828	0.68	1.94	6,674	4,538	0.68	2.09
26	22	7,952	4,453	0.56	1.85	7,668	4,294	0.56	2.00	7,242	4,056	0.56	2.12
27	16	6,319	6,066	0.96	1.73	6,035	5,794	0.96	1.85	5,751	5,521	0.96	2.01
27	18	6,816	5,725	0.84	1.77	6,603	5,547	0.84	1.91	6,177	5,189	0.84	2.05
27	20	7,384	5,316	0.72	1.82	7,100	5,112	0.72	1.94	6,674	4,805	0.72	2.09
27	22	7,952	4,771	0.60	1.85	7,668	4,601	0.60	2.00	7,242	4,345	0.60	2.12
28	16	6,319	6,319	1.00	1.73	6,035	6,035	1.00	1.85	5,751	5,751	1.00	2.01
28	18	6,816	5,998	0.88	1.77	6,603	5,811	0.88	1.91	6,177	5,436	0.88	2.05
28	20	7,384	5,612	0.76	1.82	7,100	5,396	0.76	1.94	6,674	5,072	0.76	2.09
28	22	7,952	5,089	0.64	1.85	7,668	4,908	0.64	2.00	7,242	4,635	0.64	2.12
30	16	6,319	6,319	1.00	1.73	6,035	6,035	1.00	1.85	5,751	5,751	1.00	2.01
30	18	6,816	6,543	0.96	1.77	6,603	6,339	0.96	1.91	6,177	5,930	0.96	2.05
30	20	7,384	6,203	0.84	1.82	7,100	5,964	0.84	1.94	6,674	5,606	0.84	2.09
30	22	7,952	5,725	0.72	1.85	7,668	5,521	0.72	2.00	7,242	5,214	0.72	2.12
32	16	6,319	6,319	1.00	1.73	6,035	6,035	1.00	1.85	5,751	5,751	1.00	2.01
32	18	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.91	6,177	6,177	1.00	2.05
32	20	7,384	6,793	0.92	1.82	7,100	6,532	0.92	1.94	6,674	6,140	0.92	2.09
32	22	7,952	6,362	0.80	1.85	7,668	6,134	0.80	2.00	7,242	5,794	0.80	2.12
34	16	6,319	6,319	1.00	1.73	6,035	6,035	1.00	1.85	5,751	5,751	1.00	2.01
34	18	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.91	6,177	6,177	1.00	2.05
34	20	7,384	7,384	1.00	1.82	7,100	7,100	1.00	1.94	6,674	6,674	1.00	2.09
34	22	7,952	6,998	0.88	1.85	7,668	6,748	0.88	2.00	7,242	6,373	0.88	2.12

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-RP100KAL/PUHZ-ZRP100VKA2, PUHZ-ZRP100YKA2

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	9,405	5,925	0.63	1.92	9,120	5,746	0.63	2.03	8,835	5,566	0.63	2.15
20	18	10,070	5,136	0.51	1.96	9,785	4,990	0.51	2.06	9,453	4,821	0.51	2.21
20	20	10,830	4,224	0.39	2.02	10,593	4,131	0.39	2.11	10,308	4,020	0.39	2.26
22	16	9,405	6,678	0.71	1.92	9,120	6,475	0.71	2.03	8,835	6,273	0.71	2.15
22	18	10,070	5,941	0.59	1.96	9,785	5,773	0.59	2.06	9,453	5,577	0.59	2.21
22	20	10,830	5,090	0.47	2.02	10,593	4,978	0.47	2.11	10,308	4,845	0.47	2.26
24	16	9,405	7,430	0.79	1.92	9,120	7,205	0.79	2.03	8,835	6,980	0.79	2.15
24	18	10,070	6,747	0.67	1.96	9,785	6,556	0.67	2.06	9,453	6,333	0.67	2.21
24	20	10,830	5,957	0.55	2.02	10,593	5,826	0.55	2.11	10,308	5,669	0.55	2.26
24	22	11,543	4,963	0.43	2.06	11,305	4,861	0.43	2.18	11,020	4,739	0.43	2.33
26	16	9,405	8,182	0.87	1.92	9,120	7,934	0.87	2.03	8,835	7,686	0.87	2.15
26	18	10,070	7,553	0.75	1.96	9,785	7,339	0.75	2.06	9,453	7,089	0.75	2.21
26	20	10,830	6,823	0.63	2.02	10,593	6,673	0.63	2.11	10,308	6,494	0.63	2.26
26	22	11,543	5,887	0.51	2.06	11,305	5,766	0.51	2.18	11,020	5,620	0.51	2.33
27	16	9,405	8,559	0.91	1.92	9,120	8,299	0.91	2.03	8,835	8,040	0.91	2.15
27	18	10,070	7,955	0.79	1.96	9,785	7,730	0.79	2.06	9,453	7,467	0.79	2.21
27	20	10,830	7,256	0.67	2.02	10,593	7,097	0.67	2.11	10,308	6,906	0.67	2.26
27	22	11,543	6,348	0.55	2.06	11,305	6,218	0.55	2.18	11,020	6,061	0.55	2.33
28	16	9,405	8,935	0.95	1.92	9,120	8,664	0.95	2.03	8,835	8,393	0.95	2.15
28	18	10,070	8,358	0.83	1.96	9,785	8,122	0.83	2.06	9,453	7,846	0.83	2.21
28	20	10,830	7,689	0.71	2.02	10,593	7,521	0.71	2.11	10,308	7,318	0.71	2.26
28	22	11,543	6,810	0.59	2.06	11,305	6,670	0.59	2.18	11,020	6,502	0.59	2.33
30	16	9,405	9,405	1.00	1.92	9,120	9,120	1.00	2.03	8,835	8,835	1.00	2.15
30	18	10,070	9,164	0.91	1.96	9,785	8,904	0.91	2.06	9,453	8,602	0.91	2.21
30	20	10,830	8,556	0.79	2.02	10,593	8,368	0.79	2.11	10,308	8,143	0.79	2.26
30	22	11,543	7,733	0.67	2.06	11,305	7,574	0.67	2.18	11,020	7,383	0.67	2.33
32	16	9,405	9,405	1.00	1.92	9,120	9,120	1.00	2.03	8,835	8,835	1.00	2.15
32	18	10,070	9,969	0.99	1.96	9,785	9,687	0.99	2.06	9,453	9,358	0.99	2.21
32	20	10,830	9,422	0.87	2.02	10,593	9,215	0.87	2.11	10,308	8,968	0.87	2.26
32	22	11,543	8,657	0.75	2.06	11,305	8,479	0.75	2.18	11,020	8,265	0.75	2.33
34	16	9,405	9,405	1.00	1.92	9,120	9,120	1.00	2.03	8,835	8,835	1.00	2.15
34	18	10,070	10,070	1.00	1.96	9,785	9,785	1.00	2.06	9,453	9,453	1.00	2.21
34	20	10,830	10,289	0.95	2.02	10,593	10,063	0.95	2.11	10,308	9,792	0.95	2.26
34	22	11,543	9,580	0.83	2.06	11,305	9,383	0.83	2.18	11,020	9,147	0.83	2.33

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	8,455	5,327	0.63	2.30	8,075	5,087	0.63	2.47	7,695	4,848	0.63	2.68
20	18	9,120	4,651	0.51	2.36	8,835	4,506	0.51	2.54	8,265	4,215	0.51	2.74
20	20	9,880	3,853	0.39	2.42	9,500	3,705	0.39	2.59	8,930	3,483	0.39	2.78
22	16	8,455	6,003	0.71	2.30	8,075	5,733	0.71	2.47	7,695	5,463	0.71	2.68
22	18	9,120	5,381	0.59	2.36	8,835	5,213	0.59	2.54	8,265	4,876	0.59	2.74
22	20	9,880	4,644	0.47	2.42	9,500	4,465	0.47	2.59	8,930	4,197	0.47	2.78
24	16	8,455	6,679	0.79	2.30	8,075	6,379	0.79	2.47	7,695	6,079	0.79	2.68
24	18	9,120	6,110	0.67	2.36	8,835	5,919	0.67	2.54	8,265	5,538	0.67	2.74
24	20	9,880	5,434	0.55	2.42	9,500	5,225	0.55	2.59	8,930	4,912	0.55	2.78
24	22	10,640	4,575	0.43	2.47	10,260	4,412	0.43	2.66	9,690	4,167	0.43	2.83
26	16	8,455	7,356	0.87	2.30	8,075	7,025	0.87	2.47	7,695	6,695	0.87	2.68
26	18	9,120	6,840	0.75	2.36	8,835	6,626	0.75	2.54	8,265	6,199	0.75	2.74
26	20	9,880	6,224	0.63	2.42	9,500	5,985	0.63	2.59	8,930	5,626	0.63	2.78
26	22	10,640	5,426	0.51	2.47	10,260	5,233	0.51	2.66	9,690	4,942	0.51	2.83
27	16	8,455	7,694	0.91	2.30	8,075	7,348	0.91	2.47	7,695	7,002	0.91	2.68
27	18	9,120	7,205	0.79	2.36	8,835	6,980	0.79	2.54	8,265	6,529	0.79	2.74
27	20	9,880	6,620	0.67	2.42	9,500	6,365	0.67	2.59	8,930	5,983	0.67	2.78
27	22	10,640	5,852	0.55	2.47	10,260	5,643	0.55	2.66	9,690	5,330	0.55	2.83
28	16	8,455	8,032	0.95	2.30	8,075	7,671	0.95	2.47	7,695	7,310	0.95	2.68
28	18	9,120	7,570	0.83	2.36	8,835	7,333	0.83	2.54	8,265	6,860	0.83	2.74
28	20	9,880	7,015	0.71	2.42	9,500	6,745	0.71	2.59	8,930	6,340	0.71	2.78
28	22	10,640	6,278	0.59	2.47	10,260	6,053	0.59	2.66	9,690	5,717	0.59	2.83
30	16	8,455	8,455	1.00	2.30	8,075	8,075	1.00	2.47	7,695	7,695	1.00	2.68
30	18	9,120	8,299	0.91	2.36	8,835	8,040	0.91	2.54	8,265	7,521	0.91	2.74
30	20	9,880	7,805	0.79	2.42	9,500	7,505	0.79	2.59	8,930	7,055	0.79	2.78
30	22	10,640	7,129	0.67	2.47	10,260	6,874	0.67	2.66	9,690	6,492	0.67	2.83
32	16	8,455	8,455	1.00	2.30	8,075	8,075	1.00	2.47	7,695	7,695	1.00	2.68
32	18	9,120	9,029	0.99	2.36	8,835	8,747	0.99	2.54	8,265	8,182	0.99	2.74
32	20	9,880	8,596	0.87	2.42	9,500	8,265	0.87	2.59	8,930	7,769	0.87	2.78
32	22	10,640	7,980	0.75	2.47	10,260	7,695	0.75	2.66	9,690	7,268	0.75	2.83
34	16	8,455	8,455	1.00	2.30	8,075	8,075	1.00	2.47	7,695	7,695	1.00	2.68
34	18	9,120	9,120	1.00	2.36	8,835	8,835	1.00	2.54	8,265	8,265	1.00	2.74
34	20	9,880	9,386	0.95	2.42	9,500	9,025	0.95	2.59	8,930	8,484	0.95	2.78
34	22	10,640	8,831	0.83	2.47	10,260	8,516	0.83	2.66	9,690	8,043	0.83	2.83

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PKA-RP71KAL/PUHZ-FRP71VHA

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,780	0.68	1.50	6,816	4,635	0.68	1.59	6,603	4,490	0.68	1.68
20	18	7,526	4,215	0.56	1.53	7,313	4,095	0.56	1.62	7,065	3,956	0.56	1.73
20	20	8,094	3,561	0.44	1.58	7,917	3,483	0.44	1.65	7,704	3,390	0.44	1.77
22	16	7,029	5,342	0.76	1.50	6,816	5,180	0.76	1.59	6,603	5,018	0.76	1.68
22	18	7,526	4,817	0.64	1.53	7,313	4,680	0.64	1.62	7,065	4,521	0.64	1.73
22	20	8,094	4,209	0.52	1.58	7,917	4,117	0.52	1.65	7,704	4,006	0.52	1.77
24	16	7,029	5,904	0.84	1.50	6,816	5,725	0.84	1.59	6,603	5,547	0.84	1.68
24	18	7,526	5,419	0.72	1.53	7,313	5,265	0.72	1.62	7,065	5,086	0.72	1.73
24	20	8,094	4,856	0.60	1.58	7,917	4,750	0.60	1.65	7,704	4,622	0.60	1.77
24	22	8,627	4,141	0.48	1.62	8,449	4,056	0.48	1.71	8,236	3,953	0.48	1.82
26	16	7,029	6,467	0.92	1.50	6,816	6,271	0.92	1.59	6,603	6,075	0.92	1.68
26	18	7,526	6,021	0.80	1.53	7,313	5,850	0.80	1.62	7,065	5,652	0.80	1.73
26	20	8,094	5,504	0.68	1.58	7,917	5,383	0.68	1.65	7,704	5,238	0.68	1.77
26	22	8,627	4,831	0.56	1.62	8,449	4,731	0.56	1.71	8,236	4,612	0.56	1.82
27	16	7,029	6,748	0.96	1.50	6,816	6,543	0.96	1.59	6,603	6,339	0.96	1.68
27	18	7,526	6,322	0.84	1.53	7,313	6,143	0.84	1.62	7,065	5,934	0.84	1.73
27	20	8,094	5,828	0.72	1.58	7,917	5,700	0.72	1.65	7,704	5,547	0.72	1.77
27	22	8,627	5,176	0.60	1.62	8,449	5,069	0.60	1.71	8,236	4,942	0.60	1.82
28	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.59	6,603	6,603	1.00	1.68
28	18	7,526	6,623	0.88	1.53	7,313	6,435	0.88	1.62	7,065	6,217	0.88	1.73
28	20	8,094	6,151	0.76	1.58	7,917	6,017	0.76	1.65	7,704	5,855	0.76	1.77
28	22	8,627	5,521	0.64	1.62	8,449	5,407	0.64	1.71	8,236	5,271	0.64	1.82
30	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.59	6,603	6,603	1.00	1.68
30	18	7,526	7,225	0.96	1.53	7,313	7,020	0.96	1.62	7,065	6,782	0.96	1.73
30	20	8,094	6,799	0.84	1.58	7,917	6,650	0.84	1.65	7,704	6,471	0.84	1.77
30	22	8,627	6,211	0.72	1.62	8,449	6,083	0.72	1.71	8,236	5,930	0.72	1.82
32	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.59	6,603	6,603	1.00	1.68
32	18	7,526	7,526	1.00	1.53	7,313	7,313	1.00	1.62	7,065	7,065	1.00	1.73
32	20	8,094	7,446	0.92	1.58	7,917	7,283	0.92	1.65	7,704	7,087	0.92	1.77
32	22	8,627	6,901	0.80	1.62	8,449	6,759	0.80	1.71	8,236	6,589	0.80	1.82
34	16	7,029	7,029	1.00	1.50	6,816	6,816	1.00	1.59	6,603	6,603	1.00	1.68
34	18	7,526	7,526	1.00	1.53	7,313	7,313	1.00	1.62	7,065	7,065	1.00	1.73
34	20	8,094	8,094	1.00	1.58	7,917	7,917	1.00	1.65	7,704	7,704	1.00	1.77
34	22	8,627	7,591	0.88	1.62	8,449	7,435	0.88	1.71	8,236	7,248	0.88	1.82

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,297	0.68	1.80	6,035	4,104	0.68	1.94	5,751	3,911	0.68	2.10
20	18	6,816	3,817	0.56	1.85	6,603	3,698	0.56	1.99	6,177	3,459	0.56	2.14
20	20	7,384	3,249	0.44	1.90	7,100	3,124	0.44	2.03	6,674	2,937	0.44	2.18
22	16	6,319	4,802	0.76	1.80	6,035	4,587	0.76	1.94	5,751	4,371	0.76	2.10
22	18	6,816	4,362	0.64	1.85	6,603	4,226	0.64	1.99	6,177	3,953	0.64	2.14
22	20	7,384	3,840	0.52	1.90	7,100	3,692	0.52	2.03	6,674	3,470	0.52	2.18
24	16	6,319	5,308	0.84	1.80	6,035	5,069	0.84	1.94	5,751	4,831	0.84	2.10
24	18	6,816	4,908	0.72	1.85	6,603	4,754	0.72	1.99	6,177	4,447	0.72	2.14
24	20	7,384	4,430	0.60	1.90	7,100	4,260	0.60	2.03	6,674	4,004	0.60	2.18
24	22	7,952	3,817	0.48	1.94	7,668	3,681	0.48	2.09	7,242	3,476	0.48	2.22
26	16	6,319	5,813	0.92	1.80	6,035	5,552	0.92	1.94	5,751	5,291	0.92	2.10
26	18	6,816	5,453	0.80	1.85	6,603	5,282	0.80	1.99	6,177	4,942	0.80	2.14
26	20	7,384	5,021	0.68	1.90	7,100	4,828	0.68	2.03	6,674	4,538	0.68	2.18
26	22	7,952	4,453	0.56	1.94	7,668	4,294	0.56	2.09	7,242	4,056	0.56	2.22
27	16	6,319	6,066	0.96	1.80	6,035	5,794	0.96	1.94	5,751	5,521	0.96	2.10
27	18	6,816	5,725	0.84	1.85	6,603	5,547	0.84	1.99	6,177	5,189	0.84	2.14
27	20	7,384	5,316	0.72	1.90	7,100	5,112	0.72	2.03	6,674	4,805	0.72	2.18
27	22	7,952	4,771	0.60	1.94	7,668	4,601	0.60	2.09	7,242	4,345	0.60	2.22
28	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.94	5,751	5,751	1.00	2.10
28	18	6,816	5,998	0.88	1.85	6,603	5,811	0.88	1.99	6,177	5,436	0.88	2.14
28	20	7,384	5,612	0.76	1.90	7,100	5,396	0.76	2.03	6,674	5,072	0.76	2.18
28	22	7,952	5,089	0.64	1.94	7,668	4,908	0.64	2.09	7,242	4,635	0.64	2.22
30	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.94	5,751	5,751	1.00	2.10
30	18	6,816	6,543	0.96	1.85	6,603	6,339	0.96	1.99	6,177	5,930	0.96	2.14
30	20	7,384	6,203	0.84	1.90	7,100	5,964	0.84	2.03	6,674	5,606	0.84	2.18
30	22	7,952	5,725	0.72	1.94	7,668	5,521	0.72	2.09	7,242	5,214	0.72	2.22
32	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.94	5,751	5,751	1.00	2.10
32	18	6,816	6,816	1.00	1.85	6,603	6,603	1.00	1.99	6,177	6,177	1.00	2.14
32	20	7,384	6,793	0.92	1.90	7,100	6,532	0.92	2.03	6,674	6,140	0.92	2.18
32	22	7,952	6,362	0.80	1.94	7,668	6,134	0.80	2.09	7,242	5,794	0.80	2.22
34	16	6,319	6,319	1.00	1.80	6,035	6,035	1.00	1.94	5,751	5,751	1.00	2.10
34	18	6,816	6,816	1.00	1.85	6,603	6,603	1.00	1.99	6,177	6,177	1.00	2.14
34	20	7,384	7,384	1.00	1.90	7,100	7,100	1.00	2.03	6,674	6,674	1.00	2.18
34	22	7,952	6,998	0.88	1.94	7,668	6,748	0.88	2.09	7,242	6,373	0.88	2.22

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY

PKA-RP100KAL/PUHZ-P100VHA4, PUHZ-P100YHA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	5,863	0.63	2.50	9,024	5,685	0.63	2.64	8,742	5,507	0.63	2.79
20	18	9,964	5,082	0.51	2.54	9,682	4,938	0.51	2.68	9,353	4,770	0.51	2.87
20	20	10,716	4,179	0.39	2.62	10,481	4,088	0.39	2.75	10,199	3,978	0.39	2.93
22	16	9,306	6,607	0.71	2.50	9,024	6,407	0.71	2.64	8,742	6,207	0.71	2.79
22	18	9,964	5,879	0.59	2.54	9,682	5,712	0.59	2.68	9,353	5,518	0.59	2.87
22	20	10,716	5,037	0.47	2.62	10,481	4,926	0.47	2.75	10,199	4,794	0.47	2.93
24	16	9,306	7,352	0.79	2.50	9,024	7,129	0.79	2.64	8,742	6,906	0.79	2.79
24	18	9,964	6,676	0.67	2.54	9,682	6,487	0.67	2.68	9,353	6,267	0.67	2.87
24	20	10,716	5,894	0.55	2.62	10,481	5,765	0.55	2.75	10,199	5,609	0.55	2.93
24	22	11,421	4,911	0.43	2.68	11,186	4,810	0.43	2.84	10,904	4,689	0.43	3.03
26	16	9,306	8,096	0.87	2.50	9,024	7,851	0.87	2.64	8,742	7,606	0.87	2.79
26	18	9,964	7,473	0.75	2.54	9,682	7,262	0.75	2.68	9,353	7,015	0.75	2.87
26	20	10,716	6,751	0.63	2.62	10,481	6,603	0.63	2.75	10,199	6,425	0.63	2.93
26	22	11,421	5,825	0.51	2.68	11,186	5,705	0.51	2.84	10,904	5,561	0.51	3.03
27	16	9,306	8,468	0.91	2.50	9,024	8,212	0.91	2.64	8,742	7,955	0.91	2.79
27	18	9,964	7,872	0.79	2.54	9,682	7,649	0.79	2.68	9,353	7,389	0.79	2.87
27	20	10,716	7,180	0.67	2.62	10,481	7,022	0.67	2.75	10,199	6,833	0.67	2.93
27	22	11,421	6,282	0.55	2.68	11,186	6,152	0.55	2.84	10,904	5,997	0.55	3.03
28	16	9,306	8,841	0.95	2.50	9,024	8,573	0.95	2.64	8,742	8,305	0.95	2.79
28	18	9,964	8,270	0.83	2.54	9,682	8,036	0.83	2.68	9,353	7,763	0.83	2.87
28	20	10,716	7,608	0.71	2.62	10,481	7,442	0.71	2.75	10,199	7,241	0.71	2.93
28	22	11,421	6,738	0.59	2.68	11,186	6,600	0.59	2.84	10,904	6,433	0.59	3.03
30	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
30	18	9,964	9,067	0.91	2.54	9,682	8,811	0.91	2.68	9,353	8,511	0.91	2.87
30	20	10,716	8,466	0.79	2.62	10,481	8,280	0.79	2.75	10,199	8,057	0.79	2.93
30	22	11,421	7,652	0.67	2.68	11,186	7,495	0.67	2.84	10,904	7,306	0.67	3.03
32	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
32	18	9,964	9,864	0.99	2.54	9,682	9,585	0.99	2.68	9,353	9,259	0.99	2.87
32	20	10,716	9,323	0.87	2.62	10,481	9,118	0.87	2.75	10,199	8,873	0.87	2.93
32	22	11,421	8,566	0.75	2.68	11,186	8,390	0.75	2.84	10,904	8,178	0.75	3.03
34	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
34	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
34	20	10,716	10,180	0.95	2.62	10,481	9,957	0.95	2.75	10,199	9,689	0.95	2.93
34	22	11,421	9,479	0.83	2.68	11,186	9,284	0.83	2.84	10,904	9,050	0.83	3.03

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	5,271	0.63	3.00	7,990	5,034	0.63	3.21	7,614	4,797	0.63	3.48
20	18	9,024	4,602	0.51	3.07	8,742	4,458	0.51	3.31	8,178	4,171	0.51	3.56
20	20	9,776	3,813	0.39	3.15	9,400	3,666	0.39	3.37	8,836	3,446	0.39	3.62
22	16	8,366	5,940	0.71	3.00	7,990	5,673	0.71	3.21	7,614	5,406	0.71	3.48
22	18	9,024	5,324	0.59	3.07	8,742	5,158	0.59	3.31	8,178	4,825	0.59	3.56
22	20	9,776	4,595	0.47	3.15	9,400	4,418	0.47	3.37	8,836	4,153	0.47	3.62
24	16	8,366	6,609	0.79	3.00	7,990	6,312	0.79	3.21	7,614	6,015	0.79	3.48
24	18	9,024	6,046	0.67	3.07	8,742	5,857	0.67	3.31	8,178	5,479	0.67	3.56
24	20	9,776	5,377	0.55	3.15	9,400	5,170	0.55	3.37	8,836	4,860	0.55	3.62
24	22	10,528	4,527	0.43	3.21	10,152	4,365	0.43	3.46	9,588	4,123	0.43	3.68
26	16	8,366	7,278	0.87	3.00	7,990	6,951	0.87	3.21	7,614	6,624	0.87	3.48
26	18	9,024	6,768	0.75	3.07	8,742	6,557	0.75	3.31	8,178	6,134	0.75	3.56
26	20	9,776	6,159	0.63	3.15	9,400	5,922	0.63	3.37	8,836	5,567	0.63	3.62
26	22	10,528	5,369	0.51	3.21	10,152	5,178	0.51	3.46	9,588	4,890	0.51	3.68
27	16	8,366	7,613	0.91	3.00	7,990	7,271	0.91	3.21	7,614	6,929	0.91	3.48
27	18	9,024	7,129	0.79	3.07	8,742	6,906	0.79	3.31	8,178	6,461	0.79	3.56
27	20	9,776	6,550	0.67	3.15	9,400	6,298	0.67	3.37	8,836	5,920	0.67	3.62
27	22	10,528	5,790	0.55	3.21	10,152	5,584	0.55	3.46	9,588	5,273	0.55	3.68
28	16	8,366	7,948	0.95	3.00	7,990	7,591	0.95	3.21	7,614	7,233	0.95	3.48
28	18	9,024	7,490	0.83	3.07	8,742	7,256	0.83	3.31	8,178	6,788	0.83	3.56
28	20	9,776	6,941	0.71	3.15	9,400	6,674	0.71	3.37	8,836	6,274	0.71	3.62
28	22	10,528	6,212	0.59	3.21	10,152	5,990	0.59	3.46	9,588	5,657	0.59	3.68
30	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
30	18	9,024	8,212	0.91	3.07	8,742	7,955	0.91	3.31	8,178	7,442	0.91	3.56
30	20	9,776	7,723	0.79	3.15	9,400	7,426	0.79	3.37	8,836	6,980	0.79	3.62
30	22	10,528	7,054	0.67	3.21	10,152	6,802	0.67	3.46	9,588	6,424	0.67	3.68
32	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
32	18	9,024	8,934	0.99	3.07	8,742	8,655	0.99	3.31	8,178	8,096	0.99	3.56
32	20	9,776	8,505	0.87	3.15	9,400	8,178	0.87	3.37	8,836	7,687	0.87	3.62
32	22	10,528	7,896	0.75	3.21	10,152	7,614	0.75	3.46	9,588	7,191	0.75	3.68
34	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
34	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
34	20	9,776	9,287	0.95	3.15	9,400	8,930	0.95	3.37	8,836	8,394	0.95	3.62
34	22	10,528	8,738	0.83	3.21	10,152	8,426	0.83	3.46	9,588	7,958	0.83	3.68

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

HEATING CAPACITY
PKA-RP100KAL / PUHZ-SHW112VHA(-BS)/PUHZ-SHW112YHA(-BS)

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-RP100KAL	15	7,112	1.83	7,728	2.02	8,624	2.33	11,312	2.79	12,768	3.10	14,224	3.35
	20	6,832	1.99	7,392	2.17	8,176	2.51	10,920	3.01	12,320	3.35	13,720	3.60
	25	6,608	2.11	7,168	2.36	7,840	2.73	10,304	3.20	11,872	3.58	13,216	3.86

Note: CA : Capacity (W) P.C. : Total power input (kW)

PKA-RP·HAL/PUHZ-ZRP·VKA
PKA-RP·KAL/PUHZ-ZRP·VHA PUHZ-ZRP·VKA2 PUHZ-ZRP·YKA2

(230V)

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-RP35HAL	15	2,604	0.63	2,829	0.70	3,157	0.80	4,141	0.96	4,674	1.07	5,207	1.16
	20	2,501	0.68	2,706	0.75	2,993	0.87	3,998	1.04	4,510	1.16	5,023	1.24
	25	2,419	0.73	2,624	0.81	2,870	0.94	3,772	1.10	4,346	1.24	4,838	1.33
PKA-RP50HAL	15	3,175	0.89	3,450	0.98	3,850	1.13	5,050	1.35	5,700	1.50	6,350	1.62
	20	3,050	0.96	3,300	1.05	3,650	1.22	4,875	1.46	5,500	1.62	6,125	1.74
	25	2,950	1.02	3,200	1.14	3,500	1.32	4,600	1.55	5,300	1.73	5,900	1.87
PKA-RP60KAL	15	4,445	1.16	4,830	1.27	5,390	1.47	7,070	1.76	7,980	1.96	8,890	2.12
	20	4,270	1.25	4,620	1.37	5,110	1.59	6,825	1.90	7,700	2.12	8,575	2.27
	25	4,130	1.33	4,480	1.49	4,900	1.72	6,440	2.02	7,420	2.26	8,260	2.44
PKA-RP71KAL	15	5,080	1.29	5,520	1.42	6,160	1.64	8,080	1.97	9,120	2.19	10,160	2.37
	20	4,880	1.40	5,280	1.53	5,840	1.77	7,800	2.12	8,800	2.37	9,800	2.54
	25	4,720	1.49	5,120	1.66	5,600	1.93	7,360	2.26	8,480	2.53	9,440	2.73
PKA-RP100KAL	15	7,112	1.79	7,728	1.98	8,624	2.28	11,312	2.74	12,768	3.04	14,224	3.28
	20	6,832	1.95	7,392	2.13	8,176	2.46	10,920	2.95	12,320	3.28	13,720	3.53
	25	6,608	2.07	7,168	2.31	7,840	2.68	10,304	3.13	11,872	3.51	13,216	3.78

Note: CA : Capacity (W) P.C. : Total power input (kW)

PKA-RP100KAL / PUHZ-P100VHA4, PUHZ-P100YHA2

(230V)

	Indoor intake air D.B. (°C)	Outdoor intake air D.B. (°C)											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-RP100KAL	15	7,112	2.06	7,728	2.27	8,624	2.62	11,312	3.14	12,768	3.49	14,224	3.77
	20	6,832	2.23	7,392	2.44	8,176	2.83	10,920	3.39	12,320	3.77	13,720	4.05
	25	6,608	2.37	7,168	2.65	7,840	3.07	10,304	3.59	11,872	4.03	13,216	4.35

Note: CA : Capacity (W) P.C. : Total power input (kW)

PKA-RP·KAL / PUHZ-FRP71VHA

(230V)

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PKA-RP71KAL	15	5,080	1.33	5,520	1.47	6,160	1.70	8,080	2.03	9,120	2.26	10,160	2.44
	20	4,880	1.45	5,280	1.58	5,840	1.83	7,800	2.19	8,800	2.44	9,800	2.62
	25	4,720	1.54	5,120	1.72	5,600	1.99	7,360	2.33	8,480	2.61	9,440	2.81

Note: CA : Capacity (W) P.C. : Total power input (kW)

A.2.6 NOISE CRITERIA CURVES

A.2.6.1 SOUND LEVELS

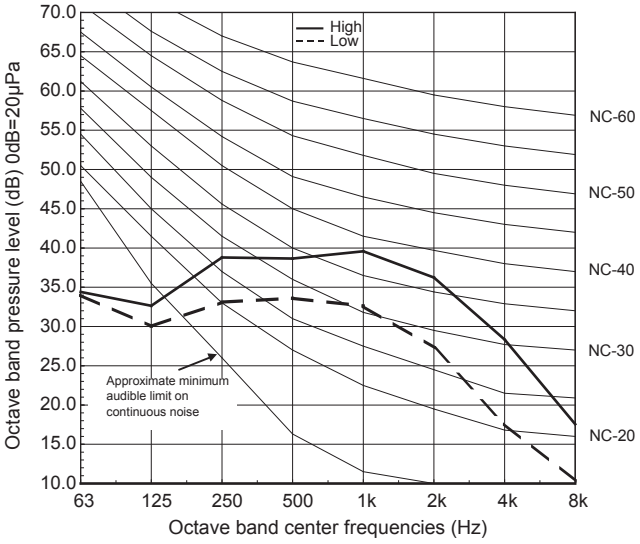
Low-Middle-High

Model	Sound level dB (A)
PKA-RP35, 50HAL	36 - 40 - 43
PKA-RP60, 71KAL	39 - 42 - 45
PKA-RP100KAL	41 - 45 - 49

A.2.6.2 NOISE CRITERIA CURVES

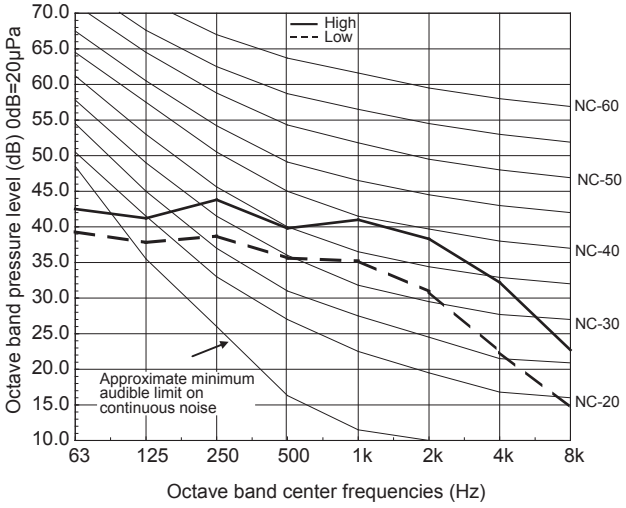
PKA-RP35HAL
PKA-RP50HAL

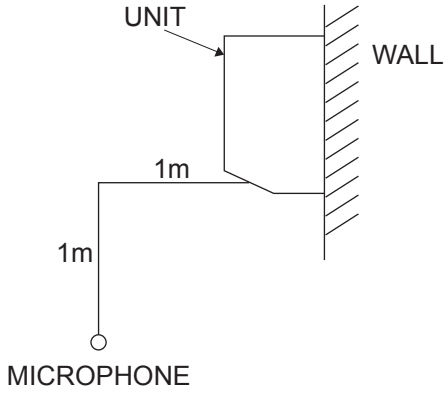
External static pressure : 0Pa
Power source : 220, 230, 240V, 50Hz



PKA-RP60KAL
PKA-RP71KAL

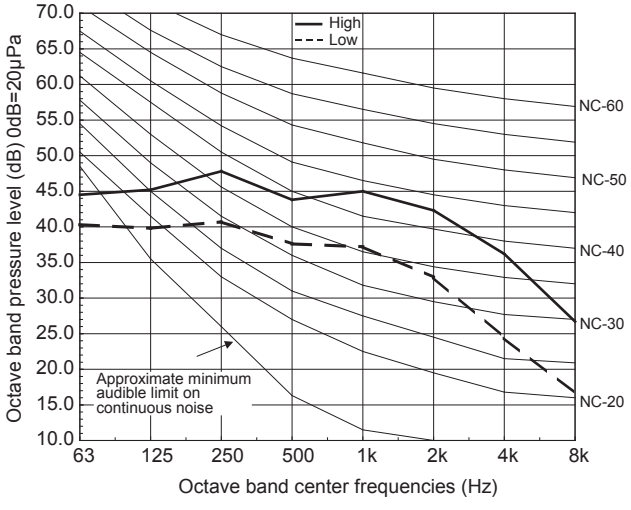
External static pressure : 0Pa
Power source : 220, 230, 240V, 50Hz





PKA-RP100KAL

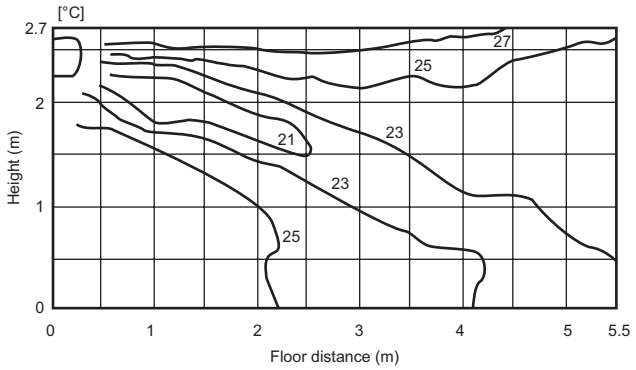
External static pressure : 0Pa
Power source : 220, 230, 240V, 50Hz



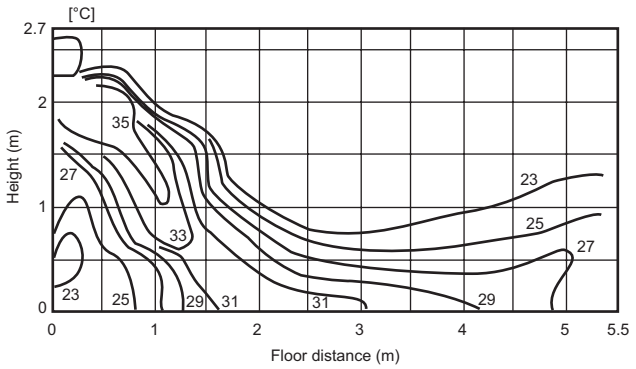
A.2.7 TEMPERATURE AND AIR FLOW DISTRIBUTIONS
PKA-RP·HAL PKA-RP·KAL
Temperature distribution

PKA-RP50HAL

<Cooling mode>
Horizontal air flow

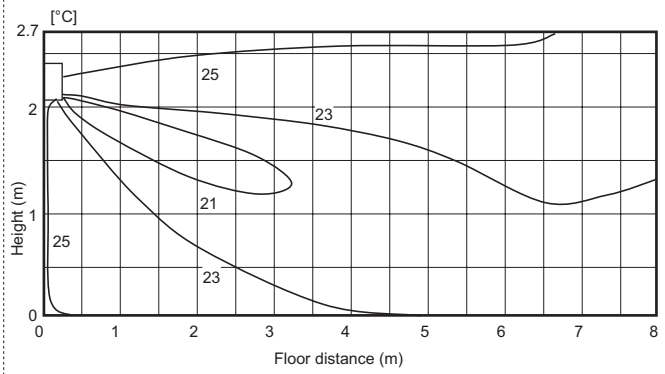


<Heating mode>
Downward air flow

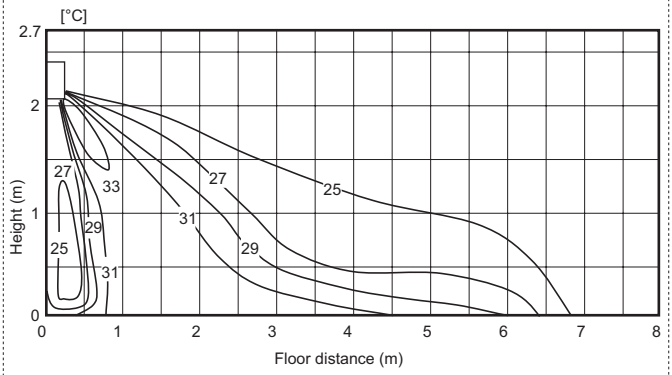


PKA-RP100KAL

<Cooling mode>
Horizontal air flow



<Heating mode>
Downward air flow

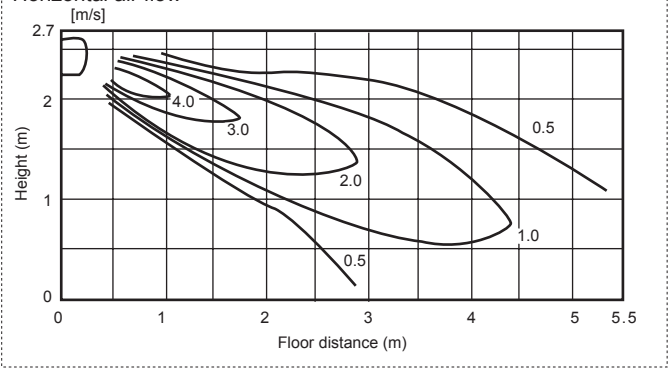


Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

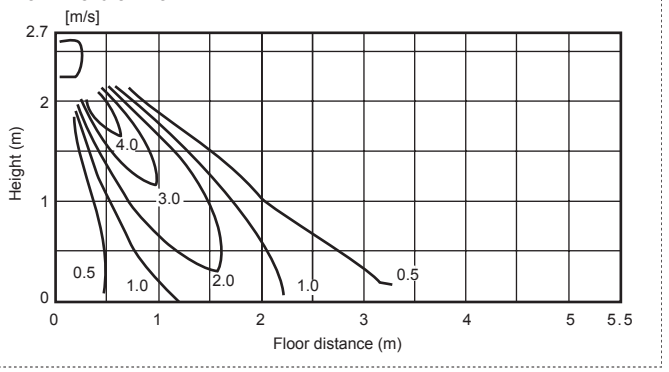
Airflow distribution

PKA-RP50HAL

<Fan mode>
Horizontal air flow

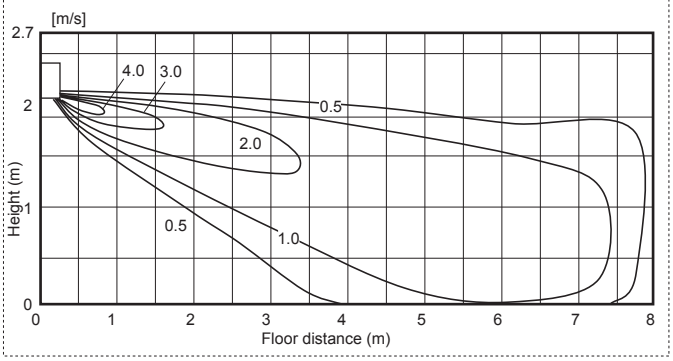


<Fan mode>
Downward air flow

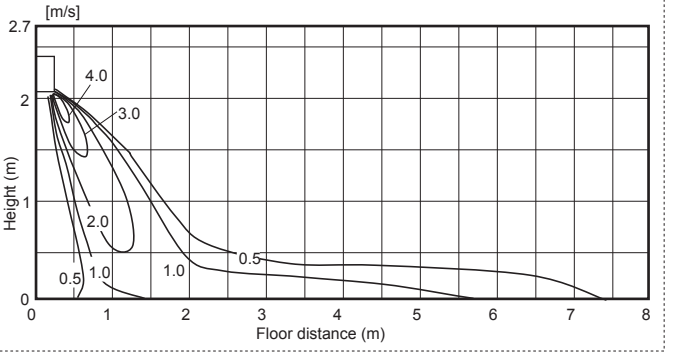


PKA-RP100KAL

<Fan mode>
Horizontal air flow



<Fan mode>
Downward air flow



Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

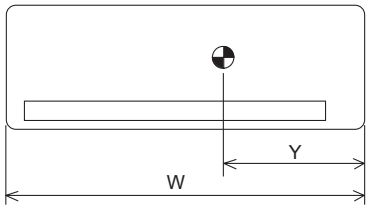
A.2.8 OUTLET AIR SPEED AND COVERAGE RANGE

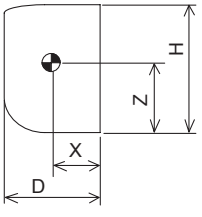
		PKA-RP35HAL	PKA-RP50HAL
Air flow	m^3/min	12	12
Air speed	m/sec	6.1	6.1
Coverage range	m (ft)	10.8 (35.4)	10.8 (35.4)

		PKA-RP60KAL	PKA-RP71KAL	PKA-RP100KAL
Air flow	m^3/min	22	22	26
Air speed	m/sec	6.0	6.0	6.8
Coverage range	m (ft)	14.3 (46.9)	14.3 (46.9)	16.1 (52.8)

The air coverage range is the distance to which the 0.25m/sec air can reach,when air is blown out horizontally from the unit at the High notch position.
The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.2.9 CENTER OF GRAVITY POSITION





Unit: mm

Model	W	D	H	X	Y	Z
PKA-RP35HAL	898	249	295	120	390	160
PKA-RP50HAL	898	249	295	120	390	160
PKA-RP60KAL	1170	295	365	190	460	190
PKA-RP71KAL	1170	295	365	190	460	190
PKA-RP100KAL	1170	295	365	190	460	190

A.3 CEILING SUSPENDED (PCA)

A.3.1 SPECIFICATIONS A-108
A.3.1.1 INVERTER MODELS Heat pump type A-108
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A.3.1 SPECIFICATIONS

A.3.1.1 INVERTER MODELS Heat pump type

1.Power Inverter SERIES

Model Name	Indoor Unit				PCA-RP35KAQ	PCA-RP50KAQ	PCA-RP60KAQ	PCA-RP71KAQ	PCA-RP100KAQ	PCA-RP100KAQ
	Outdoor Unit				PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA	PUHZ-ZRP100VKA2	PUHZ-ZRP100YKA2
Power Supply				Source	Outdoor power supply					
	Out			V	230	230	230	230	230	400
				Phase	Single	Single	Single	Single	Single	3
				Hz	50	50	50	50	50	50
	In			V	-	-	-	-	-	-
				Phase	-	-	-	-	-	-
				Hz	-	-	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	3.6	5.0	6.1	7.1	9.5	9.5
		Max.		kW	4.5	5.6	6.7	8.1	11.4	11.4
		Min.		kW	1.6	2.3	2.7	3.3	4.9	4.9
	SHF	Rated			0.88	0.79	0.81	0.76	0.77	0.77
	Total Input	Rated		kW	0.86	1.34	1.66	1.82	2.42	2.42
	EER				4.19	3.73	3.67	3.90	3.90	3.90
	Annual Electricity Consumption			kWh/a	206	292	347	375	553	560
	SEER				6.1	6.0	6.2	6.6	6.0	5.9
		Energy efficiency class			A++	A+	A++	A++	A+	A+
Heating	Capacity	Rated		kW	4.1	5.5	7.0	8.0	11.2	11.2
		Max.		kW	5.2	6.6	8.2	10.2	14.0	14.0
		Min.		kW	1.6	2.5	2.8	3.5	4.5	4.5
	Total Input	Rated		kW	1.02	1.45	1.93	2.20	3.04	3.04
	COP				4.02	3.79	3.63	3.64	3.68	3.68
	Annual Electricity Consumption			kWh/a	815	1257	1458	1519	2837	2837
	SCOP				4.1	4.2	4.3	4.3	3.9	3.9
		Energy efficiency class			A+	A+	A+	A+	A	A
Operating Current(max)				A	13.3	13.4	19.4	19.4	27.2	8.7
Indoor Unit	Input	Rated		kW	0.04	0.050	0.060	0.060	0.090	0.090
	Operating Current(max)			A	0.29	0.37	0.39	0.42	0.65	0.65
	Dimensions		Height	mm	230	230	230	230	230	230
			Width	mm	960	960	1280	1280	1600	1600
			Depth	mm	680	680	680	680	680	680
	Weight			kg	24	25	32	32	36	36
	Air Volume		Low	m³/min.	10.0	10.0	15.0	16.0	22.0	22.0
			Mid2	m³/min.	11.0	11.0	16.0	17.0	24.0	24.0
			Mid	m³/min.	12.0	13.0	17.0	18.0	26.0	26.0
			Hi	m³/min.	14.0	15.0	19.0	20.0	28.0	28.0
	External Static Pressure			Pa	-	-	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	31	32	33	35	37	37
			Mid2	dB(A)	33	34	35	37	39	39
			Mid	dB(A)	36	37	37	39	41	41
			Hi	dB(A)	39	40	40	41	43	43
	Sound Level (PWL)	Cooling			60	60	60	62	63	63
Outdoor Unit	Dimensions		Height	mm	630	630	943	943	1338	1338
			Width	mm	809	809	950	950	1050	1050
			Depth	mm	300 (+23)	300 (+23)	330 (+30)	330 (+30)	330 (+40)	330 (+40)
	Weight			kg	43	46	67	67	116	123
	Air Volume	Cooling	Rated	m³/min.	45.0	45.0	55.0	55.0	110.0	110.0
		Heating	Rated	m³/min.	45.0	45.0	55.0	55.0	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47	49	49
			Silent	dB(A)	41	41	44	44	46	46
		Heating	Rated	dB(A)	46	46	48	48	51	51
	Sound Level (PWL)	Cooling			65	65	67	67	69	69
	Operating Current(max)			A	13.0	13.0	19.0	19.0	26.5	8.0
	Breaker Size			A	16	16	25	25	32	16
Ext. Piping	Diameter	Liquid		mm	6.35	6.35	9.52	9.52	9.52	9.52
		Gas		mm	12.7	12.7	15.88	15.88	15.88	15.88
	Max. Length	Out-In		m	50	50	50	50	75	75
	Max. Height	Out-In	Below Indoor	m	30	30	30	30	30	30
			Above Indoor	m	30	30	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21	21	21
			Lower Limit.	°C	-11	-11	-20	-20	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PCA-RP125KAQ	PCA-RP125KAQ	PCA-RP140KAQ	PCA-RP140KAQ
	Outdoor Unit				PUHZ-ZRP125VKA2	PUHZ-ZRP125YKA2	PUHZ-ZRP140VKA2	PUHZ-ZRP140YKA2
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	3	Single	3
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	12.5	12.5	13.4	13.4
		Max.		kW	14.0	14.0	15.0	15.0
		Min.		kW	5.5	5.5	6.2	6.2
	SHF	Rated			0.72	0.72	0.72	0.72
	Total Input	Rated		kW	3.98	3.98	3.95	3.95
	EER				3.14	3.14	3.39	3.39
	Annual Electricity Consumption			kWh/a	834	844	882	893
	SEER				5.2	5.2	5.3	5.2
		Energy efficiency class			-	-	-	-
Heating	Capacity	Rated		kW	14.0	14.0	16.0	16.0
		Max.		kW	16.0	16.0	18.0	18.0
		Min.		kW	5.0	5.0	5.7	5.7
	Total Input	Rated		kW	3.80	3.80	4.57	4.57
	COP				3.68	3.68	3.50	3.50
	Annual Electricity Consumption			kWh/a	3097	3097	3386	3386
	SCOP				4.2	4.2	4.4	4.4
		Energy efficiency class			-	-	-	-
Operating Current(max)				A	27.3	10.3	28.9	13.9
Indoor Unit	Input	Rated		kW	0.110	0.110	0.140	0.140
	Operating Current(max)			A	0.76	0.76	0.90	0.90
	Dimensions		Height	mm	230	230	230	230
			Width	mm	1600	1600	1600	1600
			Depth	mm	680	680	680	680
	Weight			kg	38	38	39	39
	Air Volume		Low	m³/min.	23.0	23.0	24.0	24.0
			Mid2	m³/min.	25.0	25.0	26.0	26.0
			Mid	m³/min.	27.0	27.0	29.0	29.0
			Hi	m³/min.	29.0	29.0	32.0	32.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	39	39	41	41
			Mid2	dB(A)	41	41	43	43
			Mid	dB(A)	43	43	45	45
			Hi	dB(A)	45	45	48	48
	Sound Level (PWL)	Cooling			65	65	68	68
Outdoor Unit	Dimensions		Height	mm	1338	1338	1338	1338
			Width	mm	1050	1050	1050	1050
			Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)
	Weight			kg	116	125	118	131
	Air Volume	Cooling	Rated	m³/min.	120.0	120.0	120.0	120.0
		Heating	Rated	m³/min.	120.0	120.0	120.0	120.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	50	50
			Silent	dB(A)	47	47	47	47
		Heating	Rated	dB(A)	52	52	52	52
	Sound Level (PWL)	Cooling			70	70	70	70
	Operating Current(max)			A	26.5	9.5	28.0	13.0
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max. Length	Out-In		m	75	75	75	75
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-20	-20	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

2. Mr.Slim+

Model Name	Indoor Unit				PCA-RP71KAQ
	Outdoor Unit				PUHZ-FRP71VHA
Power Supply				Source	Outdoor power supply
	Out			V	230
				Phase	Single
				Hz	50
	In			V	-
				Phase	-
				Hz	-
Refrigerant					R410A
Cooling	Capacity	Rated		kW	7.1
		Max.		kW	8.1
		Min.		kW	3.3
	SHF	Rated			0.76
	Total Input	Rated		kW	1.90
	EER				3.74
	Annual Electricity Consumption			kWh/a	387
	SEER				6.4
		Energy efficiency class			A++
Heating	Capacity	Rated		kW	8.0
		Max.		kW	10.2
		Min.		kW	3.5
	Total Input	Rated		kW	2.26
	COP				3.54
	Annual Electricity Consumption			kWh/a	1555
	SCOP				4.2
		Energy efficiency class			A+
Operating Current(max)				A	16.5
Indoor Unit	Input	Rated		kW	0.060
	Operating Current(max)			A	0.42
	Dimensions		Height	mm	230
			Width	mm	1280
			Depth	mm	680
	Weight			kg	32
	Air Volume		Low	m³/min.	16.0
			Mid2	m³/min.	17.0
			Mid	m³/min.	18.0
			Hi	m³/min.	20.0
	External Static Pressure			Pa	-
	Sound Level (SPL)		Low	dB(A)	35
			Mid2	dB(A)	37
			Mid	dB(A)	39
			Hi	dB(A)	41
	Sound Level (PWL)	Cooling			62
Outdoor Unit	Dimensions		Height	mm	943
			Width	mm	950
			Depth	mm	330 (+30)
	Weight			kg	73
	Air Volume	Cooling	Rated	m³/min.	55
		Heating	Rated	m³/min.	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	-
		Heating	Rated	dB(A)	48
	Sound Level (PWL)	Cooling			67
	Operating Current(max)			A	19.0
	Breaker Size			A	25
Ext. Piping	Diameter	Liquid		mm	9.52
		Gas		mm	15.88
	Max. Length	Out-In		m	60
	Max. Height	Out-In	Below Indoor	m	20
			Above Indoor	m	20
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	-15*
		Heating	Upper Limit.	°C	21
			Lower Limit.	°C	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

3. Standard Inverter SERIES

Model Name	Indoor Unit				PCA-RP35KAQ	PCA-RP50KAQ	PCA-RP60KAQ	PCA-RP71KAQ
	Outdoor Unit				SUZ-KA35VA5	SUZ-KA50VA5	SUZ-KA60KA5	SUZ-KA71VA5
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	3.6	5.0	5.7	7.1
		Max.		kW	3.9	5.6	6.3	8.1
		Min.		kW	1.4	2.3	2.3	2.8
	SHF	Rated			0.88	0.79	0.81	0.76
	Total Input	Rated		kW	1.050	1.550	1.720	2.080
	EER				3.43	3.23	3.31	3.41
	Annual Electricity Consumption			kWh/a	214	307	332	414
	SEER				5.9	5.7	6.0	6.0
		Energy efficiency class			A+	A+	A+	A+
Heating	Capacity	Rated		kW	4.1	5.5	6.9	7.9
		Max.		kW	5.0	6.6	8.0	10.2
		Min.		kW	1.7	1.7	2.5	2.6
	Total Input	Rated		kW	1.130	1.520	1.970	2.180
	COP				3.63	3.62	3.70	3.62
	Annual Electricity Consumption			kWh/a	887	1398	1678	2028
	SCOP				4.1	4.0	4.0	4.0
		Energy efficiency class			A+	A+	A+	A+
Operating Current(max)				A	8.5	12.4	14.4	16.5
Indoor Unit	Input	Rated		kW	0.040	0.050	0.060	0.060
	Operating Current(max)			A	0.29	0.37	0.39	0.42
	Dimensions		Height	mm	230	230	230	230
			Width	mm	960	960	1280	1280
			Depth	mm	680	680	680	680
	Weight			kg	24	25	32	32
	Air Volume		Low	m³/min.	10.0	10.0	15.0	16.0
			Mid2	m³/min.	11.0	11.0	16.0	17.0
			Mid	m³/min.	12.0	13.0	17.0	18.0
			Hi	m³/min.	14.0	15.0	19.0	20.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	31	32	33	35
			Mid2	dB(A)	33	34	35	37
			Mid	dB(A)	36	37	37	39
			Hi	dB(A)	39	40	40	41
	Sound Level (PWL)	Cooling			60	60	60	62
Outdoor Unit	Dimensions		Height	mm	550	880	880	880
			Width	mm	800	840	840	840
			Depth	mm	285	330	330	330
	Weight			kg	35	54	50	53
	Air Volume	Cooling	Rated	m³/min.	36.3	44.6	40.9	50.1
		Heating	Rated	m³/min.	34.8	44.6	49.2	48.2
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	52	55	55
			Silent	dB(A)	-	-	-	-
		Heating	Rated	dB(A)	50	52	55	55
	Sound Level (PWL)	Cooling			62	65	65	69
	Operating Current(max)			A	8.2	12.0	14.0	16.1
	Breaker Size			A	10	20	20	20
Ext. Piping	Diameter	Liquid		mm	6.35	6.35	6.35	9.52
		Gas		mm	9.52	12.7	15.88	15.88
	Max. Length	Out-In		m	20	30	30	30
	Max. Height	Out-In	Below Indoor	m	12	30	30	30
			Above Indoor	m	12	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	43	43
			Lower Limit.	°C	-10	-15	-15	-15
		Heating	Upper Limit.	°C	24	24	24	24
			Lower Limit.	°C	-10	-10	-10	-10

Model Name	Indoor Unit				PCA-RP100KAQ	PCA-RP125KAQ	PCA-RP140KAQ
	Outdoor Unit				PUHZ-P100VHA4	PUHZ-P125VHA3	PUHZ-P140VHA3
Power Supply				Source	Outdoor power supply		
	Out			V	230	230	230
				Phase	Single	Single	Single
				Hz	50	50	50
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant					R410A	R410A	R410A
Cooling	Capacity	Rated		kW	9.4	12.3	13.6
		Max.		kW	11.2	14.0	15.0
		Min.		kW	4.9	5.5	5.5
	SHF	Rated			0.77	0.72	0.72
	Total Input	Rated		kW	3.130	4.090	4.840
	EER				3.00	3.01	2.81
	Annual Electricity Consumption			kWh/a	645	-	-
	SEER				5.1	-	-
		Energy efficiency class			A	-	-
Heating	Capacity	Rated		kW	11.2	14.0	16.0
		Max.		kW	12.5	16.0	18.0
		Min.		kW	4.5	5.0	5.0
	Total Input	Rated		kW	3.280	4.120	4.690
	COP				3.41	3.40	3.41
	Annual Electricity Consumption			kWh/a	2945	-	-
	SCOP				3.8	-	-
		Energy efficiency class			A	-	-
Operating Current(max)				A	28.7	28.8	30.4
Indoor Unit	Input	Rated		kW	0.090	0.110	0.140
	Operating Current(max)			A	0.65	0.76	0.90
	Dimensions		Height	mm	230	230	230
			Width	mm	1600	1600	1600
			Depth	mm	680	680	680
	Weight			kg	36	38	39
	Air Volume		Low	m³/min.	22.0	23.0	24.0
			Mid2	m³/min.	24.0	25.0	26.0
			Mid	m³/min.	26.0	27.0	29.0
			Hi	m³/min.	28.0	29.0	32.0
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)		Low	dB(A)	37	39	41
			Mid2	dB(A)	39	41	43
			Mid	dB(A)	41	43	45
			Hi	dB(A)	43	45	48
	Sound Level (PWL)	Cooling			63	65	68
Outdoor Unit	Dimensions		Height	mm	943	1350	1350
			Width	mm	950	950	950
			Depth	mm	330	330	330
	Weight			kg	75	99	99
	Air Volume	Cooling	Rated	m³/min.	60.0	100.0	100.0
		Heating	Rated	m³/min.	60.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	51	52
			Silent	dB(A)	47	48	49
		Heating	Rated	dB(A)	54	55	56
	Sound Level (PWL)	Cooling			70	71	73
	Operating Current(max)			A	28.0	28.0	29.5
	Breaker Size			A	32	32	40
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max. Length	Out-In		m	50	50	50
	Max. Height	Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-15	-15	-15

* Optional air protection guide is required where ambient temperature is lower than -5°C.

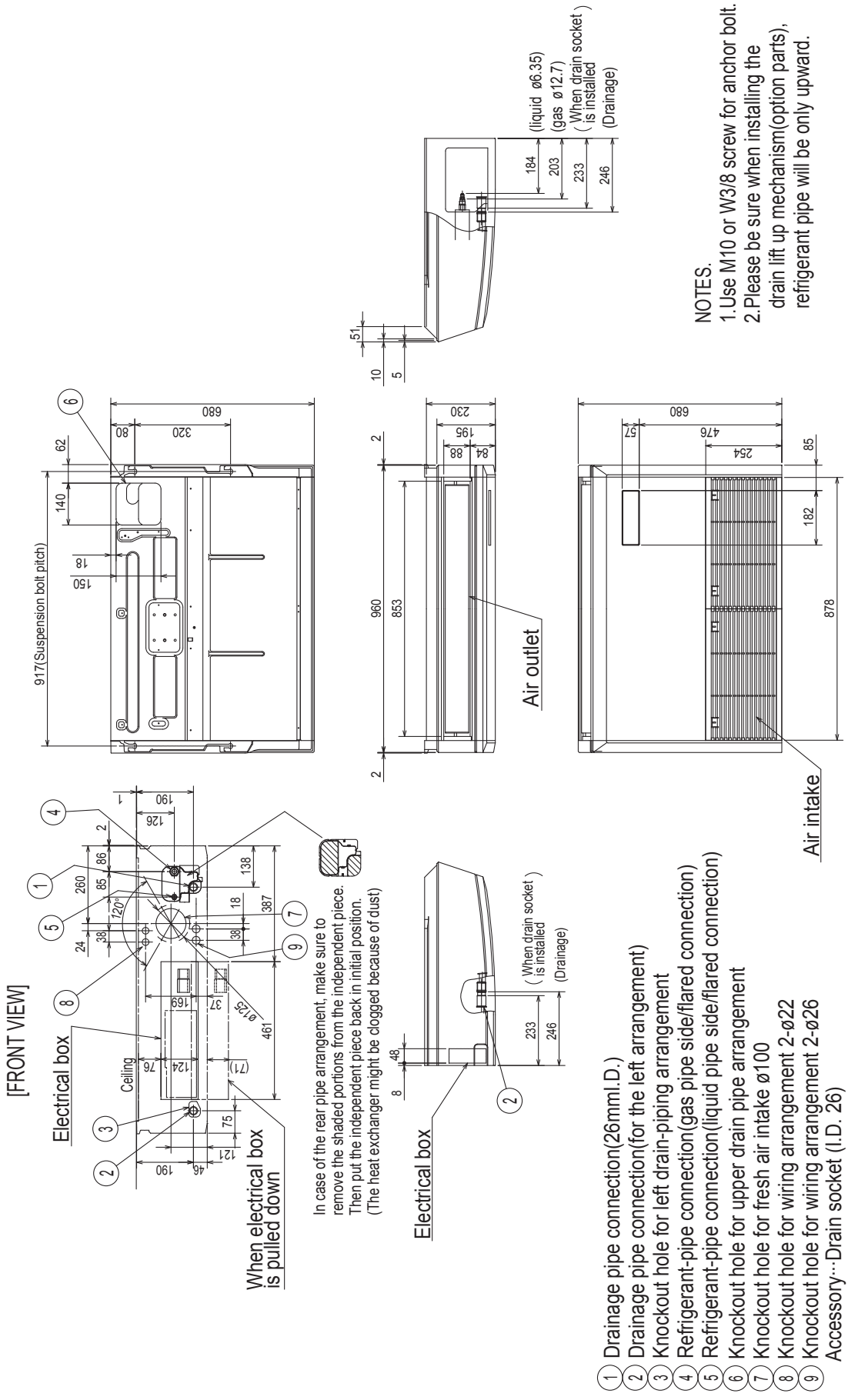
Model Name	Indoor Unit				PCA-RP100KAQ	PCA-RP125KAQ	PCA-RP140KAQ
	Outdoor Unit				PUHZ-P100YHA2	PUHZ-P125YHA	PUHZ-P140YHA
Power Supply				Source	Outdoor power supply		
	Out			V	400	400	400
				Phase	3	3	3
				Hz	50	50	50
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant					R410A	R410A	R410A
Cooling	Capacity	Rated		kW	9.4	12.3	13.6
		Max.		kW	11.2	14.0	15.0
		Min.		kW	4.9	5.5	5.5
	SHF	Rated			0.77	0.72	0.71
	Total Input	Rated		kW	3.130	4.090	4.840
	EER				3.00	3.01	2.81
	Annual Electricity Consumption			kWh/a	645	-	-
	SEER				5.1	-	-
		Energy efficiency class			A	-	-
Heating	Capacity	Rated		kW	11.2	14.0	16.0
		Max.		kW	12.5	16.0	18.0
		Min.		kW	4.5	5.0	5.0
	Total Input	Rated		kW	3.280	4.120	4.690
	COP				3.41	3.40	3.41
	Annual Electricity Consumption			kWh/a	2945	-	-
	SCOP				3.8	-	-
		Energy efficiency class			A	-	-
Operating Current(max)				A	13.7	13.8	13.9
Indoor Unit	Input	Rated		kW	0.090	0.110	0.140
	Operating Current(max)			A	0.65	0.76	0.90
	Dimensions		Height	mm	230	230	230
			Width	mm	1600	1600	1600
			Depth	mm	680	680	680
	Weight			kg	36	38	39
	Air Volume		Low	m³/min.	22.0	23.0	24.0
			Mid2	m³/min.	24.0	25.0	26.0
			Mid	m³/min.	26.0	27.0	29.0
			Hi	m³/min.	28.0	29.0	32.0
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)		Low	dB(A)	37	39	41
			Mid2	dB(A)	39	41	43
			Mid	dB(A)	41	43	45
			Hi	dB(A)	43	45	48
	Sound Level (PWL)	Cooling			63	65	68
Outdoor Unit	Dimensions		Height	mm	943	1350	1350
			Width	mm	950	950	950
			Depth	mm	330	330	330
	Weight			kg	77	101	101
	Air Volume	Cooling	Rated	m³/min.	60.0	100.0	100.0
		Heating	Rated	m³/min.	60.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	51	52
			Silent	dB(A)	47	48	49
		Heating	Rated	dB(A)	54	55	56
	Sound Level (PWL)	Cooling			70	71	73
	Operating Current(max)			A	13.0	13.0	13.0
	Breaker Size			A	16	16	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max. Length	Out-In		m	50	50	50
	Max. Height	Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-15	-15	-15

* Optional air protection guide is required where ambient temperature is lower than -5°C.

A.3.2 OUTLINES AND DIMENSIONS

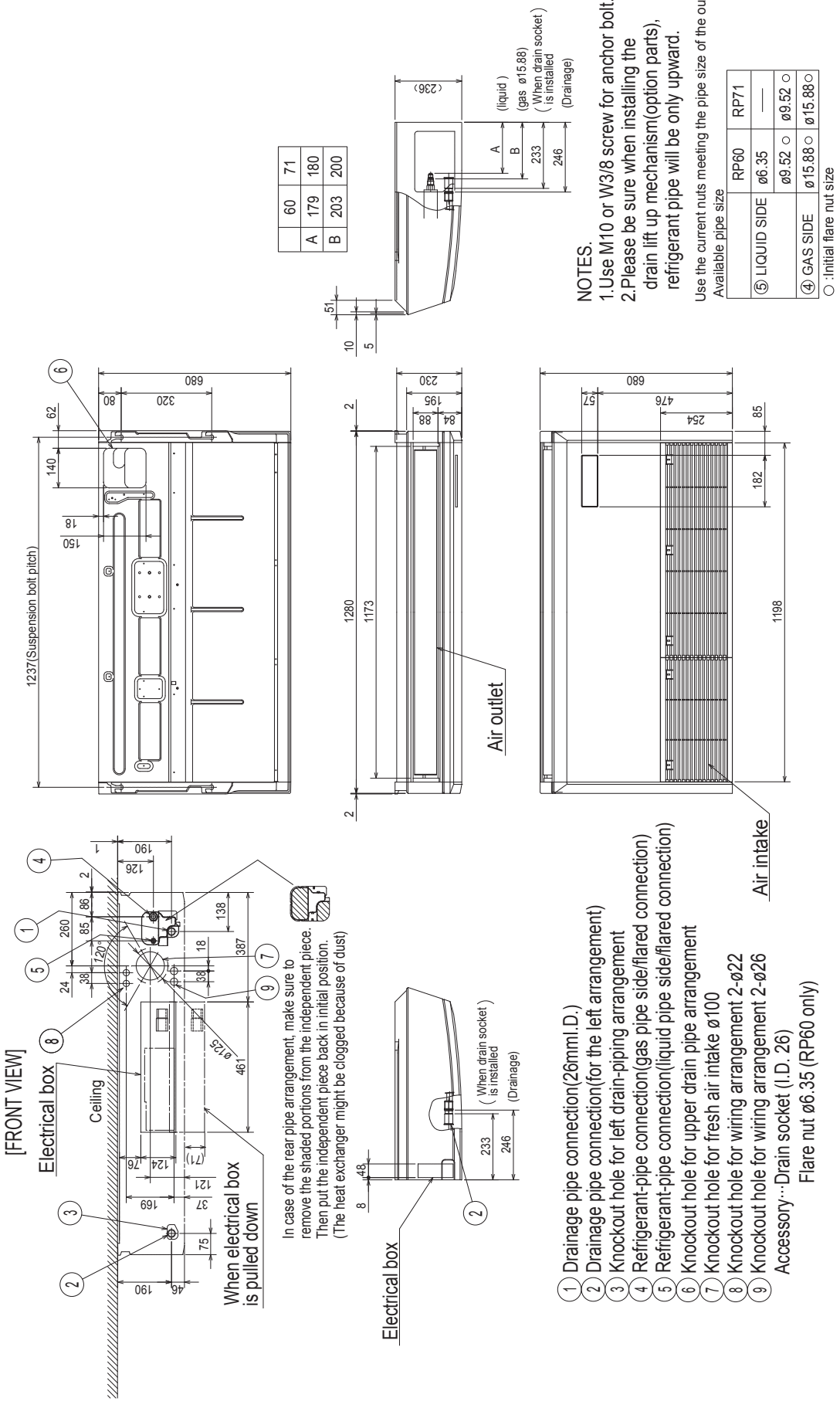
PCA-RP35KAQ
PCA-RP50KAQ

Unit : mm



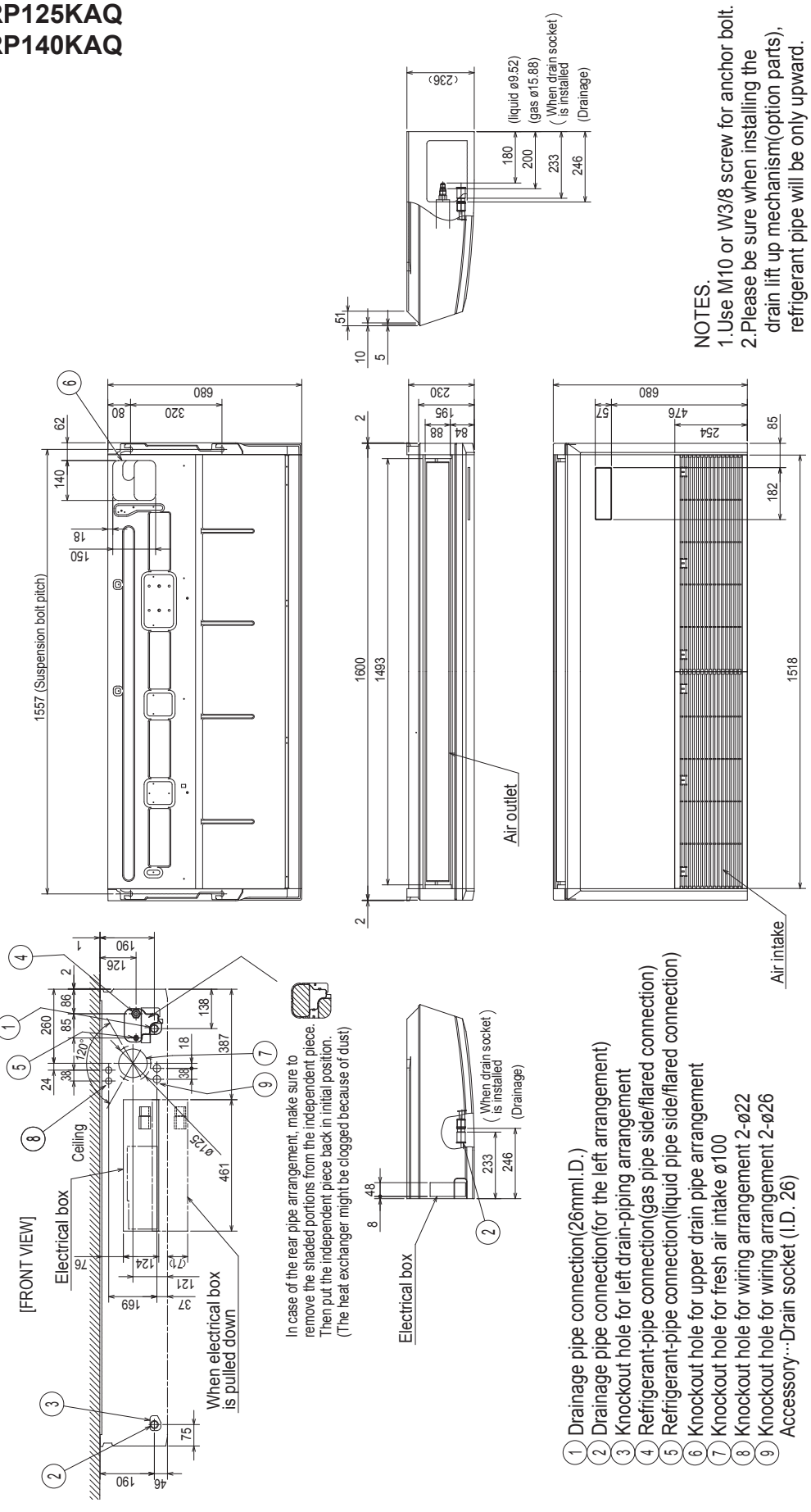
PCA-RP60KAQ
PCA-RP71KAQ

Unit : mm



PCA-RP100KAQ
PCA-RP125KAQ
PCA-RP140KAQ

Unit : mm



A.3.3 WIRING DIAGRAM

PCA-RP35KAQ PCA-RP50KAQ PCA-RP60KAQ PCA-RP71KAQ PCA-RP100KAQ PCA-RP125KAQ PCA-RP140KAQ

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN2L	CONNECTOR (LOSSNAY)	TB5,TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
CN32	CONNECTOR (REMOTE SWITCH)		
CN41	CONNECTOR (HA TERMINAL-A)	TH1	ROOM TEMP. THERMISTOR (0ºC / 15kΩ, 25ºC / 5. 4kΩ DETECT)
CN51	CONNECTOR (CENTRALLY CONTROL)		
FUSE	FUSE (T6.3AL250V)	TH2	PIPE TEMP. THERMISTOR/LIQUID (0ºC / 15kΩ, 25ºC / 5. 4kΩ DETECT)
LED1	POWER SUPPLY (I.B)		
LED2	POWER SUPPLY (R.B)	TH5	COND. / EVA. TEMP. THERMISTOR (0ºC / 15kΩ, 25ºC / 5. 4kΩ DETECT)
LED3	TRANSMISSION (INDOOR-OUTDOOR)		
SW1	SWITCH (MODEL SELECTION) ※See table 1	OPTION PARTS	
SW2	SWITCH (CAPACITY CODE) ※See table 2	W.B	PCB FOR WIRELESS REMOTE CONTROLLER
SWE	CONNECTOR (EMERGENCY OPERATION)	BZ	BUZZER
X1	RELAY (DRAIN PUMP)	LED1	LED (OPERATION INDICATION : GREEN)
R.B	WIRED REMOTE CONTROLLER BOARD	LED2	LED (PREPARATION FOR HEATING : ORANGE)
DCL	REACTOR	RU	RECEIVING UNIT
MF	FAN MOTOR	SW1	EMERGENCY OPERATION (HEAT / DOWN)
MV	VANE MOTOR	SW2	EMERGENCY OPERATION (COOL / UP)
TB2	TERMINAL BLOCK (Indoor unit Power (option parts))	DP	DRAIN PUMP
		FS	DRAIN FLOAT SWITCH

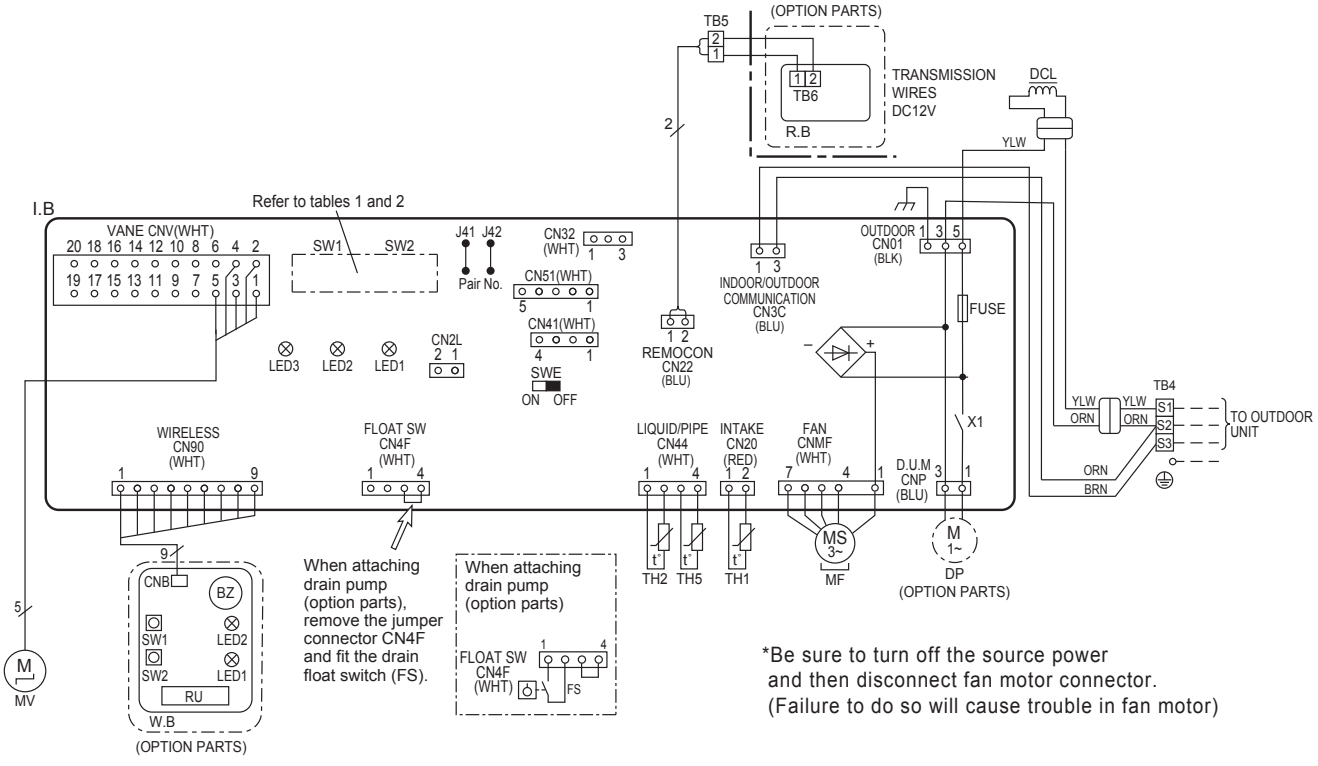
The black square(■)indicates a switch position.

<Table 1>
SW1 (MODEL SELECTION)

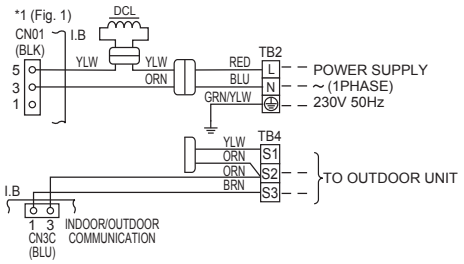
SW1
Service
1 2 3 4 5 ON OFF

<Table 2>SW2 (CAPACITY CODE)

SW2			
MODELS	Service	MODELS	Service
PCA-RP35KAQ	1 2 3 4 5 ON OFF	PCA-RP100KAQ	1 2 3 4 5 ON OFF
PCA-RP50KAQ	1 2 3 4 5 ON OFF	PCA-RP125KAQ	1 2 3 4 5 ON OFF
PCA-RP60KAQ	1 2 3 4 5 ON OFF	PCA-RP140KAQ	1 2 3 4 5 ON OFF
PCA-RP71KAQ	1 2 3 4 5 ON OFF		

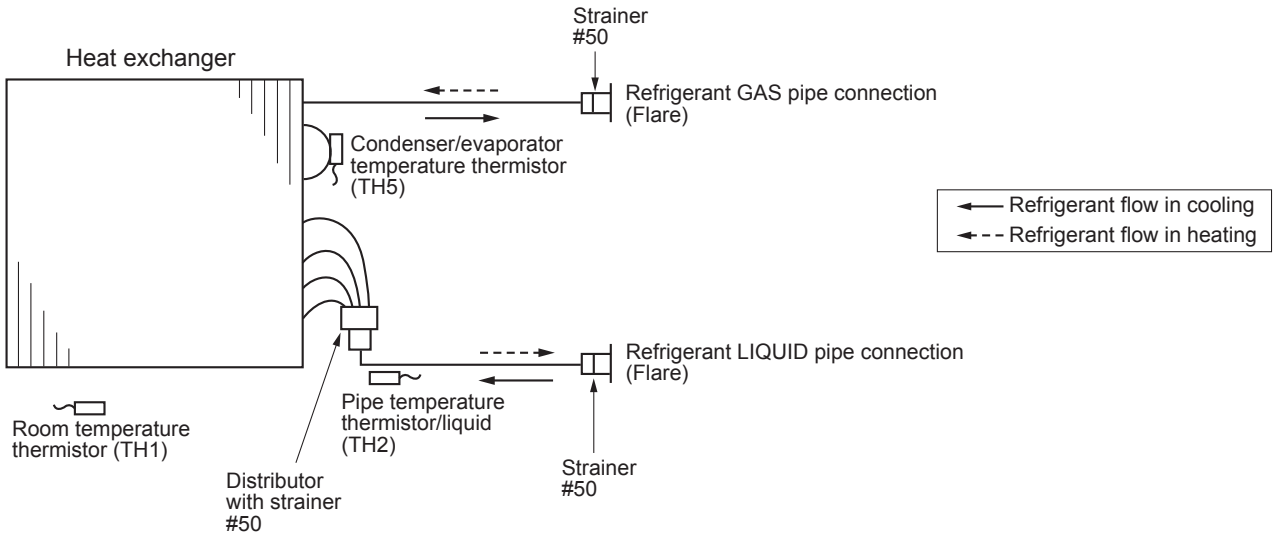


Notes: 1. Symbols used in wiring diagram above are, ⊡⊡⊡: Connector, ⊟⊟⊟:Terminal (block).
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1, S2, S3).
3. Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires.(specification of 230V), adopting superimposed system of power and signal.
*1: When work to Supply power separately to indoor and outdoor units was applied, refer to Fig 1.
*2: For power supply system of this unit, refer to the caution label located near this diagram.



A.3.4 REFRIGERANT SYSTEM DIAGRAM

PCA-RP35KAQ PCA-RP50KAQ PCA-RP60KAQ PCA-RP71KAQ PCA-RP100KAQ PCA-RP125KAQ PCA-RP140KAQ



A.3.5 PERFORMANCE DATA

A.3.5.1 INVERTER MODELS Heat pump type

COOLING CAPACITY

PCA-RP35KAQ / PUHZ-ZRP35VKA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,780	0.78	0.69	3,456	2,696	0.78	0.73	3,348	2,611	0.78	0.77
20	18	3,816	2,519	0.66	0.70	3,708	2,447	0.66	0.74	3,582	2,364	0.66	0.79
20	20	4,104	2,216	0.54	0.72	4,014	2,168	0.54	0.76	3,906	2,109	0.54	0.81
22	16	3,564	3,065	0.86	0.69	3,456	2,972	0.86	0.73	3,348	2,879	0.86	0.77
22	18	3,816	2,824	0.74	0.70	3,708	2,744	0.74	0.74	3,582	2,651	0.74	0.79
22	20	4,104	2,544	0.62	0.72	4,014	2,489	0.62	0.76	3,906	2,422	0.62	0.81
24	16	3,564	3,350	0.94	0.69	3,456	3,249	0.94	0.73	3,348	3,147	0.94	0.77
24	18	3,816	3,129	0.82	0.70	3,708	3,041	0.82	0.74	3,582	2,937	0.82	0.79
24	20	4,104	2,873	0.70	0.72	4,014	2,810	0.70	0.76	3,906	2,734	0.70	0.81
24	22	4,374	2,537	0.58	0.74	4,284	2,485	0.58	0.78	4,176	2,422	0.58	0.83
26	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
26	18	3,816	3,434	0.90	0.70	3,708	3,337	0.90	0.74	3,582	3,224	0.90	0.79
26	20	4,104	3,201	0.78	0.72	4,014	3,131	0.78	0.76	3,906	3,047	0.78	0.81
26	22	4,374	2,887	0.66	0.74	4,284	2,827	0.66	0.78	4,176	2,756	0.66	0.83
27	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
27	18	3,816	3,587	0.94	0.70	3,708	3,486	0.94	0.74	3,582	3,367	0.94	0.79
27	20	4,104	3,365	0.82	0.72	4,014	3,291	0.82	0.76	3,906	3,203	0.82	0.81
27	22	4,374	3,062	0.70	0.74	4,284	2,999	0.70	0.78	4,176	2,923	0.70	0.83
28	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
28	18	3,816	3,740	0.98	0.70	3,708	3,634	0.98	0.74	3,582	3,510	0.98	0.79
28	20	4,104	3,529	0.86	0.72	4,014	3,452	0.86	0.76	3,906	3,359	0.86	0.81
28	22	4,374	3,237	0.74	0.74	4,284	3,170	0.74	0.78	4,176	3,090	0.74	0.83
30	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
30	18	3,816	3,816	1.00	0.70	3,708	3,708	1.00	0.74	3,582	3,582	1.00	0.79
30	20	4,104	3,858	0.94	0.72	4,014	3,773	0.94	0.76	3,906	3,672	0.94	0.81
30	22	4,374	3,587	0.82	0.74	4,284	3,513	0.82	0.78	4,176	3,424	0.82	0.83
32	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
32	18	3,816	3,816	1.00	0.70	3,708	3,708	1.00	0.74	3,582	3,582	1.00	0.79
32	20	4,104	4,104	1.00	0.72	4,014	4,014	1.00	0.76	3,906	3,906	1.00	0.81
32	22	4,374	3,937	0.90	0.74	4,284	3,856	0.90	0.78	4,176	3,758	0.90	0.83
34	16	3,564	3,564	1.00	0.69	3,456	3,456	1.00	0.73	3,348	3,348	1.00	0.77
34	18	3,816	3,816	1.00	0.70	3,708	3,708	1.00	0.74	3,582	3,582	1.00	0.79
34	20	4,104	4,104	1.00	0.72	4,014	4,014	1.00	0.76	3,906	3,906	1.00	0.81
34	22	4,374	4,287	0.98	0.74	4,284	4,198	0.98	0.78	4,176	4,092	0.98	0.83

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,499	0.78	0.83	3,060	2,387	0.78	0.89	2,916	2,274	0.78	0.96
20	18	3,456	2,281	0.66	0.85	3,348	2,210	0.66	0.91	3,132	2,067	0.66	0.98
20	20	3,744	2,022	0.54	0.87	3,600	1,944	0.54	0.93	3,384	1,827	0.54	1.00
22	16	3,204	2,755	0.86	0.83	3,060	2,632	0.86	0.89	2,916	2,508	0.86	0.96
22	18	3,456	2,557	0.74	0.85	3,348	2,478	0.74	0.91	3,132	2,318	0.74	0.98
22	20	3,744	2,321	0.62	0.87	3,600	2,232	0.62	0.93	3,384	2,098	0.62	1.00
24	16	3,204	3,012	0.94	0.83	3,060	2,876	0.94	0.89	2,916	2,741	0.94	0.96
24	18	3,456	2,834	0.82	0.85	3,348	2,745	0.82	0.91	3,132	2,568	0.82	0.98
24	20	3,744	2,621	0.70	0.87	3,600	2,520	0.70	0.93	3,384	2,369	0.70	1.00
24	22	4,032	2,339	0.58	0.89	3,888	2,255	0.58	0.95	3,672	2,130	0.58	1.01
26	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
26	18	3,456	3,110	0.90	0.85	3,348	3,013	0.90	0.91	3,132	2,819	0.90	0.98
26	20	3,744	2,920	0.78	0.87	3,600	2,808	0.78	0.93	3,384	2,640	0.78	1.00
26	22	4,032	2,661	0.66	0.89	3,888	2,566	0.66	0.95	3,672	2,424	0.66	1.01
27	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
27	18	3,456	3,249	0.94	0.85	3,348	3,147	0.94	0.91	3,132	2,944	0.94	0.98
27	20	3,744	3,070	0.82	0.87	3,600	2,952	0.82	0.93	3,384	2,775	0.82	1.00
27	22	4,032	2,822	0.70	0.89	3,888	2,722	0.70	0.95	3,672	2,570	0.70	1.01
28	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
28	18	3,456	3,387	0.98	0.85	3,348	3,281	0.98	0.91	3,132	3,069	0.98	0.98
28	20	3,744	3,220	0.86	0.87	3,600	3,096	0.86	0.93	3,384	2,910	0.86	1.00
28	22	4,032	2,984	0.74	0.89	3,888	2,877	0.74	0.95	3,672	2,717	0.74	1.01
30	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
30	18	3,456	3,456	1.00	0.85	3,348	3,348	1.00	0.91	3,132	3,132	1.00	0.98
30	20	3,744	3,519	0.94	0.87	3,600	3,384	0.94	0.93	3,384	3,181	0.94	1.00
30	22	4,032	3,306	0.82	0.89	3,888	3,188	0.82	0.95	3,672	3,011	0.82	1.01
32	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
32	18	3,456	3,456	1.00	0.85	3,348	3,348	1.00	0.91	3,132	3,132	1.00	0.98
32	20	3,744	3,744	1.00	0.87	3,600	3,600	1.00	0.93	3,384	3,384	1.00	1.00
32	22	4,032	3,629	0.90	0.89	3,888	3,499	0.90	0.95	3,672	3,305	0.90	1.01
34	16	3,204	3,204	1.00	0.83	3,060	3,060	1.00	0.89	2,916	2,916	1.00	0.96
34	18	3,456	3,456	1.00	0.85	3,348	3,348	1.00	0.91	3,132	3,132	1.00	0.98
34	20	3,744	3,744	1.00	0.87	3,600	3,600	1.00	0.93	3,384	3,384	1.00	1.00
34	22	4,032	3,951	0.98	0.89	3,888	3,810	0.98	0.95	3,672	3,599	0.98	1.01

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP50KAQ / PUHZ-ZRP50VKA

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,416	0.69	1.07	4,800	3,312	0.69	1.13	4,650	3,209	0.69	1.20
20	18	5,300	3,021	0.57	1.09	5,150	2,936	0.57	1.15	4,975	2,836	0.57	1.23
20	20	5,700	2,565	0.45	1.13	5,575	2,509	0.45	1.18	5,425	2,441	0.45	1.26
22	16	4,950	3,812	0.77	1.07	4,800	3,696	0.77	1.13	4,650	3,581	0.77	1.20
22	18	5,300	3,445	0.65	1.09	5,150	3,348	0.65	1.15	4,975	3,234	0.65	1.23
22	20	5,700	3,021	0.53	1.13	5,575	2,955	0.53	1.18	5,425	2,875	0.53	1.26
24	16	4,950	4,208	0.85	1.07	4,800	4,080	0.85	1.13	4,650	3,953	0.85	1.20
24	18	5,300	3,869	0.73	1.09	5,150	3,760	0.73	1.15	4,975	3,632	0.73	1.23
24	20	5,700	3,477	0.61	1.13	5,575	3,401	0.61	1.18	5,425	3,309	0.61	1.26
24	22	6,075	2,977	0.49	1.15	5,950	2,916	0.49	1.22	5,800	2,842	0.49	1.30
26	16	4,950	4,604	0.93	1.07	4,800	4,464	0.93	1.13	4,650	4,325	0.93	1.20
26	18	5,300	4,293	0.81	1.09	5,150	4,172	0.81	1.15	4,975	4,030	0.81	1.23
26	20	5,700	3,933	0.69	1.13	5,575	3,847	0.69	1.18	5,425	3,743	0.69	1.26
26	22	6,075	3,463	0.57	1.15	5,950	3,392	0.57	1.22	5,800	3,306	0.57	1.30
27	16	4,950	4,802	0.97	1.07	4,800	4,656	0.97	1.13	4,650	4,511	0.97	1.20
27	18	5,300	4,505	0.85	1.09	5,150	4,378	0.85	1.15	4,975	4,229	0.85	1.23
27	20	5,700	4,161	0.73	1.13	5,575	4,070	0.73	1.18	5,425	3,960	0.73	1.26
27	22	6,075	3,706	0.61	1.15	5,950	3,630	0.61	1.22	5,800	3,538	0.61	1.30
28	16	4,950	4,950	1.00	1.07	4,800	4,800	1.00	1.13	4,650	4,650	1.00	1.20
28	18	5,300	4,717	0.89	1.09	5,150	4,584	0.89	1.15	4,975	4,428	0.89	1.23
28	20	5,700	4,389	0.77	1.13	5,575	4,293	0.77	1.18	5,425	4,177	0.77	1.26
28	22	6,075	3,949	0.65	1.15	5,950	3,868	0.65	1.22	5,800	3,770	0.65	1.30
30	16	4,950	4,950	1.00	1.07	4,800	4,800	1.00	1.13	4,650	4,650	1.00	1.20
30	18	5,300	5,141	0.97	1.09	5,150	4,996	0.97	1.15	4,975	4,826	0.97	1.23
30	20	5,700	4,845	0.85	1.13	5,575	4,739	0.85	1.18	5,425	4,611	0.85	1.26
30	22	6,075	4,435	0.73	1.15	5,950	4,344	0.73	1.22	5,800	4,234	0.73	1.30
32	16	4,950	4,950	1.00	1.07	4,800	4,800	1.00	1.13	4,650	4,650	1.00	1.20
32	18	5,300	5,300	1.00	1.09	5,150	5,150	1.00	1.15	4,975	4,975	1.00	1.23
32	20	5,700	5,301	0.93	1.13	5,575	5,185	0.93	1.18	5,425	5,045	0.93	1.26
32	22	6,075	4,921	0.81	1.15	5,950	4,820	0.81	1.22	5,800	4,698	0.81	1.30
34	16	4,950	4,950	1.00	1.07	4,800	4,800	1.00	1.13	4,650	4,650	1.00	1.20
34	18	5,300	5,300	1.00	1.09	5,150	5,150	1.00	1.15	4,975	4,975	1.00	1.23
34	20	5,700	5,700	1.00	1.13	5,575	5,575	1.00	1.18	5,425	5,425	1.00	1.26
34	22	6,075	5,407	0.89	1.15	5,950	5,296	0.89	1.22	5,800	5,162	0.89	1.30

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,071	0.69	1.29	4,250	2,933	0.69	1.38	4,050	2,795	0.69	1.49
20	18	4,800	2,736	0.57	1.32	4,650	2,651	0.57	1.42	4,350	2,480	0.57	1.53
20	20	5,200	2,340	0.45	1.35	5,000	2,250	0.45	1.45	4,700	2,115	0.45	1.55
22	16	4,450	3,427	0.77	1.29	4,250	3,273	0.77	1.38	4,050	3,119	0.77	1.49
22	18	4,800	3,120	0.65	1.32	4,650	3,023	0.65	1.42	4,350	2,828	0.65	1.53
22	20	5,200	2,756	0.53	1.35	5,000	2,650	0.53	1.45	4,700	2,491	0.53	1.55
24	16	4,450	3,783	0.85	1.29	4,250	3,613	0.85	1.38	4,050	3,443	0.85	1.49
24	18	4,800	3,504	0.73	1.32	4,650	3,395	0.73	1.42	4,350	3,176	0.73	1.53
24	20	5,200	3,172	0.61	1.35	5,000	3,050	0.61	1.45	4,700	2,867	0.61	1.55
24	22	5,600	2,744	0.49	1.38	5,400	2,646	0.49	1.49	5,100	2,499	0.49	1.58
26	16	4,450	4,139	0.93	1.29	4,250	3,953	0.93	1.38	4,050	3,767	0.93	1.49
26	18	4,800	3,888	0.81	1.32	4,650	3,767	0.81	1.42	4,350	3,524	0.81	1.53
26	20	5,200	3,588	0.69	1.35	5,000	3,450	0.69	1.45	4,700	3,243	0.69	1.55
26	22	5,600	3,192	0.57	1.38	5,400	3,078	0.57	1.49	5,100	2,907	0.57	1.58
27	16	4,450	4,317	0.97	1.29	4,250	4,123	0.97	1.38	4,050	3,929	0.97	1.49
27	18	4,800	4,080	0.85	1.32	4,650	3,953	0.85	1.42	4,350	3,698	0.85	1.53
27	20	5,200	3,796	0.73	1.35	5,000	3,650	0.73	1.45	4,700	3,431	0.73	1.55
27	22	5,600	3,416	0.61	1.38	5,400	3,294	0.61	1.49	5,100	3,111	0.61	1.58
28	16	4,450	4,450	1.00	1.29	4,250	4,250	1.00	1.38	4,050	4,050	1.00	1.49
28	18	4,800	4,272	0.89	1.32	4,650	4,139	0.89	1.42	4,350	3,872	0.89	1.53
28	20	5,200	4,004	0.77	1.35	5,000	3,850	0.77	1.45	4,700	3,619	0.77	1.55
28	22	5,600	3,640	0.65	1.38	5,400	3,510	0.65	1.49	5,100	3,315	0.65	1.58
30	16	4,450	4,450	1.00	1.29	4,250	4,250	1.00	1.38	4,050	4,050	1.00	1.49
30	18	4,800	4,656	0.97	1.32	4,650	4,511	0.97	1.42	4,350	4,220	0.97	1.53
30	20	5,200	4,420	0.85	1.35	5,000	4,250	0.85	1.45	4,700	3,995	0.85	1.55
30	22	5,600	4,088	0.73	1.38	5,400	3,942	0.73	1.49	5,100	3,723	0.73	1.58
32	16	4,450	4,450	1.00	1.29	4,250	4,250	1.00	1.38	4,050	4,050	1.00	1.49
32	18	4,800	4,800	1.00	1.32	4,650	4,650	1.00	1.42	4,350	4,350	1.00	1.53
32	20	5,200	4,836	0.93	1.35	5,000	4,650	0.93	1.45	4,700	4,371	0.93	1.55
32	22	5,600	4,536	0.81	1.38	5,400	4,374	0.81	1.49	5,100	4,131	0.81	1.58
34	16	4,450	4,450	1.00	1.29	4,250	4,250	1.00	1.38	4,050	4,050	1.00	1.49
34	18	4,800	4,800	1.00	1.32	4,650	4,650	1.00	1.42	4,350	4,350	1.00	1.53
34	20	5,200	5,200	1.00	1.35	5,000	5,000	1.00	1.45	4,700	4,700	1.00	1.55
34	22	5,600	4,984	0.89	1.38	5,400	4,806	0.89	1.49	5,100	4,539	0.89	1.58

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP60KAQ / PUHZ-ZRP60VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,288	0.71	1.33	5,856	4,158	0.71	1.40	5,673	4,028	0.71	1.49
20	18	6,466	3,815	0.59	1.35	6,283	3,707	0.59	1.43	6,070	3,581	0.59	1.53
20	20	6,954	3,268	0.47	1.39	6,802	3,197	0.47	1.46	6,619	3,111	0.47	1.56
22	16	6,039	4,771	0.79	1.33	5,856	4,626	0.79	1.40	5,673	4,482	0.79	1.49
22	18	6,466	4,332	0.67	1.35	6,283	4,210	0.67	1.43	6,070	4,067	0.67	1.53
22	20	6,954	3,825	0.55	1.39	6,802	3,741	0.55	1.46	6,619	3,640	0.55	1.56
24	16	6,039	5,254	0.87	1.33	5,856	5,095	0.87	1.40	5,673	4,936	0.87	1.49
24	18	6,466	4,850	0.75	1.35	6,283	4,712	0.75	1.43	6,070	4,552	0.75	1.53
24	20	6,954	4,381	0.63	1.39	6,802	4,285	0.63	1.46	6,619	4,170	0.63	1.56
24	22	7,412	3,780	0.51	1.43	7,259	3,702	0.51	1.51	7,076	3,609	0.51	1.61
26	16	6,039	5,737	0.95	1.33	5,856	5,563	0.95	1.40	5,673	5,389	0.95	1.49
26	18	6,466	5,367	0.83	1.35	6,283	5,215	0.83	1.43	6,070	5,038	0.83	1.53
26	20	6,954	4,937	0.71	1.39	6,802	4,829	0.71	1.46	6,619	4,699	0.71	1.56
26	22	7,412	4,373	0.59	1.43	7,259	4,283	0.59	1.51	7,076	4,175	0.59	1.61
27	16	6,039	5,979	0.99	1.33	5,856	5,797	0.99	1.40	5,673	5,616	0.99	1.49
27	18	6,466	5,625	0.87	1.35	6,283	5,466	0.87	1.43	6,070	5,280	0.87	1.53
27	20	6,954	5,216	0.75	1.39	6,802	5,101	0.75	1.46	6,619	4,964	0.75	1.56
27	22	7,412	4,669	0.63	1.43	7,259	4,573	0.63	1.51	7,076	4,458	0.63	1.61
28	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
28	18	6,466	5,884	0.91	1.35	6,283	5,718	0.91	1.43	6,070	5,523	0.91	1.53
28	20	6,954	5,494	0.79	1.39	6,802	5,373	0.79	1.46	6,619	5,229	0.79	1.56
28	22	7,412	4,966	0.67	1.43	7,259	4,864	0.67	1.51	7,076	4,741	0.67	1.61
30	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
30	18	6,466	6,401	0.99	1.35	6,283	6,220	0.99	1.43	6,070	6,009	0.99	1.53
30	20	6,954	6,050	0.87	1.39	6,802	5,917	0.87	1.46	6,619	5,758	0.87	1.56
30	22	7,412	5,559	0.75	1.43	7,259	5,444	0.75	1.51	7,076	5,307	0.75	1.61
32	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
32	18	6,466	6,466	1.00	1.35	6,283	6,283	1.00	1.43	6,070	6,070	1.00	1.53
32	20	6,954	6,606	0.95	1.39	6,802	6,461	0.95	1.46	6,619	6,288	0.95	1.56
32	22	7,412	6,152	0.83	1.43	7,259	6,025	0.83	1.51	7,076	5,873	0.83	1.61
34	16	6,039	6,039	1.00	1.33	5,856	5,856	1.00	1.40	5,673	5,673	1.00	1.49
34	18	6,466	6,466	1.00	1.35	6,283	6,283	1.00	1.43	6,070	6,070	1.00	1.53
34	20	6,954	6,954	1.00	1.39	6,802	6,802	1.00	1.46	6,619	6,619	1.00	1.56
34	22	7,412	6,744	0.91	1.43	7,259	6,606	0.91	1.51	7,076	6,439	0.91	1.61

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,855	0.71	1.59	5,185	3,681	0.71	1.71	4,941	3,508	0.71	1.85
20	18	5,856	3,455	0.59	1.64	5,673	3,347	0.59	1.76	5,307	3,131	0.59	1.89
20	20	6,344	2,982	0.47	1.68	6,100	2,867	0.47	1.79	5,734	2,695	0.47	1.93
22	16	5,429	4,289	0.79	1.59	5,185	4,096	0.79	1.71	4,941	3,903	0.79	1.85
22	18	5,856	3,924	0.67	1.64	5,673	3,801	0.67	1.76	5,307	3,556	0.67	1.89
22	20	6,344	3,489	0.55	1.68	6,100	3,355	0.55	1.79	5,734	3,154	0.55	1.93
24	16	5,429	4,723	0.87	1.59	5,185	4,511	0.87	1.71	4,941	4,299	0.87	1.85
24	18	5,856	4,392	0.75	1.64	5,673	4,255	0.75	1.76	5,307	3,980	0.75	1.89
24	20	6,344	3,997	0.63	1.68	6,100	3,843	0.63	1.79	5,734	3,612	0.63	1.93
24	22	6,832	3,484	0.51	1.71	6,588	3,360	0.51	1.84	6,222	3,173	0.51	1.96
26	16	5,429	5,158	0.95	1.59	5,185	4,926	0.95	1.71	4,941	4,694	0.95	1.85
26	18	5,856	4,860	0.83	1.64	5,673	4,709	0.83	1.76	5,307	4,405	0.83	1.89
26	20	6,344	4,504	0.71	1.68	6,100	4,331	0.71	1.79	5,734	4,071	0.71	1.93
26	22	6,832	4,031	0.59	1.71	6,588	3,887	0.59	1.84	6,222	3,671	0.59	1.96
27	16	5,429	5,375	0.99	1.59	5,185	5,133	0.99	1.71	4,941	4,892	0.99	1.85
27	18	5,856	5,095	0.87	1.64	5,673	4,936	0.87	1.76	5,307	4,617	0.87	1.89
27	20	6,344	4,758	0.75	1.68	6,100	4,575	0.75	1.79	5,734	4,301	0.75	1.93
27	22	6,832	4,304	0.63	1.71	6,588	4,150	0.63	1.84	6,222	3,920	0.63	1.96
28	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
28	18	5,856	5,329	0.91	1.64	5,673	5,162	0.91	1.76	5,307	4,829	0.91	1.89
28	20	6,344	5,012	0.79	1.68	6,100	4,819	0.79	1.79	5,734	4,530	0.79	1.93
28	22	6,832	4,577	0.67	1.71	6,588	4,414	0.67	1.84	6,222	4,169	0.67	1.96
30	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
30	18	5,856	5,797	0.99	1.64	5,673	5,616	0.99	1.76	5,307	5,254	0.99	1.89
30	20	6,344	5,519	0.87	1.68	6,100	5,307	0.87	1.79	5,734	4,989	0.87	1.93
30	22	6,832	5,124	0.75	1.71	6,588	4,941	0.75	1.84	6,222	4,667	0.75	1.96
32	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
32	18	5,856	5,856	1.00	1.64	5,673	5,673	1.00	1.76	5,307	5,307	1.00	1.89
32	20	6,344	6,027	0.95	1.68	6,100	5,795	0.95	1.79	5,734	5,447	0.95	1.93
32	22	6,832	5,671	0.83	1.71	6,588	5,468	0.83	1.84	6,222	5,164	0.83	1.96
34	16	5,429	5,429	1.00	1.59	5,185	5,185	1.00	1.71	4,941	4,941	1.00	1.85
34	18	5,856	5,856	1.00	1.64	5,673	5,673	1.00	1.76	5,307	5,307	1.00	1.89
34	20	6,344	6,344	1.00	1.68	6,100	6,100	1.00	1.79	5,734	5,734	1.00	1.93
34	22	6,832	6,217	0.91	1.71	6,588	5,995	0.91	1.84	6,222	5,662	0.91	1.96

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY

PCA-RP71KAQ / PUHZ-ZRP71VHA

(230V)

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,639	0.66	1.46	6,816	4,499	0.66	1.54	6,603	4,358	0.66	1.63
20	18	7,526	4,064	0.54	1.48	7,313	3,949	0.54	1.57	7,065	3,815	0.54	1.67
20	20	8,094	3,399	0.42	1.53	7,917	3,325	0.42	1.60	7,704	3,235	0.42	1.71
22	16	7,029	5,201	0.74	1.46	6,816	5,044	0.74	1.54	6,603	4,886	0.74	1.63
22	18	7,526	4,666	0.62	1.48	7,313	4,534	0.62	1.57	7,065	4,380	0.62	1.67
22	20	8,094	4,047	0.50	1.53	7,917	3,958	0.50	1.60	7,704	3,852	0.50	1.71
24	16	7,029	5,764	0.82	1.46	6,816	5,589	0.82	1.54	6,603	5,414	0.82	1.63
24	18	7,526	5,268	0.70	1.48	7,313	5,119	0.70	1.57	7,065	4,945	0.70	1.67
24	20	8,094	4,695	0.58	1.53	7,917	4,592	0.58	1.60	7,704	4,468	0.58	1.71
24	22	8,627	3,968	0.46	1.57	8,449	3,887	0.46	1.66	8,236	3,789	0.46	1.77
26	16	7,029	6,326	0.90	1.46	6,816	6,134	0.90	1.54	6,603	5,943	0.90	1.63
26	18	7,526	5,870	0.78	1.48	7,313	5,704	0.78	1.57	7,065	5,510	0.78	1.67
26	20	8,094	5,342	0.66	1.53	7,917	5,225	0.66	1.60	7,704	5,084	0.66	1.71
26	22	8,627	4,658	0.54	1.57	8,449	4,562	0.54	1.66	8,236	4,447	0.54	1.77
27	16	7,029	6,607	0.94	1.46	6,816	6,407	0.94	1.54	6,603	6,207	0.94	1.63
27	18	7,526	6,171	0.82	1.48	7,313	5,997	0.82	1.57	7,065	5,793	0.82	1.67
27	20	8,094	5,666	0.70	1.53	7,917	5,542	0.70	1.60	7,704	5,392	0.70	1.71
27	22	8,627	5,003	0.58	1.57	8,449	4,900	0.58	1.66	8,236	4,777	0.58	1.77
28	16	7,029	6,888	0.98	1.46	6,816	6,680	0.98	1.54	6,603	6,471	0.98	1.63
28	18	7,526	6,472	0.86	1.48	7,313	6,289	0.86	1.57	7,065	6,075	0.86	1.67
28	20	8,094	5,990	0.74	1.53	7,917	5,858	0.74	1.60	7,704	5,701	0.74	1.71
28	22	8,627	5,348	0.62	1.57	8,449	5,238	0.62	1.66	8,236	5,106	0.62	1.77
30	16	7,029	7,029	1.00	1.46	6,816	6,816	1.00	1.54	6,603	6,603	1.00	1.63
30	18	7,526	7,074	0.94	1.48	7,313	6,874	0.94	1.57	7,065	6,641	0.94	1.67
30	20	8,094	6,637	0.82	1.53	7,917	6,492	0.82	1.60	7,704	6,317	0.82	1.71
30	22	8,627	6,039	0.70	1.57	8,449	5,914	0.70	1.66	8,236	5,765	0.70	1.77
32	16	7,029	7,029	1.00	1.46	6,816	6,816	1.00	1.54	6,603	6,603	1.00	1.63
32	18	7,526	7,526	1.00	1.48	7,313	7,313	1.00	1.57	7,065	7,065	1.00	1.67
32	20	8,094	7,285	0.90	1.53	7,917	7,125	0.90	1.60	7,704	6,933	0.90	1.71
32	22	8,627	6,729	0.78	1.57	8,449	6,590	0.78	1.66	8,236	6,424	0.78	1.77
34	16	7,029	7,029	1.00	1.46	6,816	6,816	1.00	1.54	6,603	6,603	1.00	1.63
34	18	7,526	7,526	1.00	1.48	7,313	7,313	1.00	1.57	7,065	7,065	1.00	1.67
34	20	8,094	7,932	0.98	1.53	7,917	7,758	0.98	1.60	7,704	7,549	0.98	1.71
34	22	8,627	7,419	0.86	1.57	8,449	7,266	0.86	1.66	8,236	7,083	0.86	1.77

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,171	0.66	1.75	6,035	3,983	0.66	1.87	5,751	3,796	0.66	2.03
20	18	6,816	3,681	0.54	1.79	6,603	3,566	0.54	1.93	6,177	3,336	0.54	2.07
20	20	7,384	3,101	0.42	1.84	7,100	2,982	0.42	1.97	6,674	2,803	0.42	2.11
22	16	6,319	4,676	0.74	1.75	6,035	4,466	0.74	1.87	5,751	4,256	0.74	2.03
22	18	6,816	4,226	0.62	1.79	6,603	4,094	0.62	1.93	6,177	3,830	0.62	2.07
22	20	7,384	3,692	0.50	1.84	7,100	3,550	0.50	1.97	6,674	3,337	0.50	2.11
24	16	6,319	5,182	0.82	1.75	6,035	4,949	0.82	1.87	5,751	4,716	0.82	2.03
24	18	6,816	4,771	0.70	1.79	6,603	4,622	0.70	1.93	6,177	4,324	0.70	2.07
24	20	7,384	4,283	0.58	1.84	7,100	4,118	0.58	1.97	6,674	3,871	0.58	2.11
24	22	7,952	3,658	0.46	1.87	7,668	3,527	0.46	2.02	7,242	3,331	0.46	2.15
26	16	6,319	5,687	0.90	1.75	6,035	5,432	0.90	1.87	5,751	5,176	0.90	2.03
26	18	6,816	5,316	0.78	1.79	6,603	5,150	0.78	1.93	6,177	4,818	0.78	2.07
26	20	7,384	4,873	0.66	1.84	7,100	4,686	0.66	1.97	6,674	4,405	0.66	2.11
26	22	7,952	4,294	0.54	1.87	7,668	4,141	0.54	2.02	7,242	3,911	0.54	2.15
27	16	6,319	5,940	0.94	1.75	6,035	5,673	0.94	1.87	5,751	5,406	0.94	2.03
27	18	6,816	5,589	0.82	1.79	6,603	5,414	0.82	1.93	6,177	5,065	0.82	2.07
27	20	7,384	5,169	0.70	1.84	7,100	4,970	0.70	1.97	6,674	4,672	0.70	2.11
27	22	7,952	4,612	0.58	1.87	7,668	4,447	0.58	2.02	7,242	4,200	0.58	2.15
28	16	6,319	6,193	0.98	1.75	6,035	5,914	0.98	1.87	5,751	5,636	0.98	2.03
28	18	6,816	5,862	0.86	1.79	6,603	5,679	0.86	1.93	6,177	5,312	0.86	2.07
28	20	7,384	5,464	0.74	1.84	7,100	5,254	0.74	1.97	6,674	4,939	0.74	2.11
28	22	7,952	4,930	0.62	1.87	7,668	4,754	0.62	2.02	7,242	4,490	0.62	2.15
30	16	6,319	6,319	1.00	1.75	6,035	6,035	1.00	1.87	5,751	5,751	1.00	2.03
30	18	6,816	6,407	0.94	1.79	6,603	6,207	0.94	1.93	6,177	5,806	0.94	2.07
30	20	7,384	6,055	0.82	1.84	7,100	5,822	0.82	1.97	6,674	5,473	0.82	2.11
30	22	7,952	5,566	0.70	1.87	7,668	5,368	0.70	2.02	7,242	5,069	0.70	2.15
32	16	6,319	6,319	1.00	1.75	6,035	6,035	1.00	1.87	5,751	5,751	1.00	2.03
32	18	6,816	6,816	1.00	1.79	6,603	6,603	1.00	1.93	6,177	6,177	1.00	2.07
32	20	7,384	6,646	0.90	1.84	7,100	6,390	0.90	1.97	6,674	6,007	0.90	2.11
32	22	7,952	6,203	0.78	1.87	7,668	5,981	0.78	2.02	7,242	5,649	0.78	2.15
34	16	6,319	6,319	1.00	1.75	6,035	6,035	1.00	1.87	5,751	5,751	1.00	2.03
34	18	6,816	6,816	1.00	1.79	6,603	6,603	1.00	1.93	6,177	6,177	1.00	2.07
34	20	7,384	7,236	0.98	1.84	7,100	6,958	0.98	1.97	6,674	6,541	0.98	2.11
34	22	7,952	6,839	0.86	1.87	7,668	6,594	0.86	2.02	7,242	6,228	0.86	2.15

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP100KAQ / PUHZ-ZRP100VKA2, PUHZ-ZRP100YKA2

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	9,405	6,301	0.67	1.94	9,120	6,110	0.67	2.04	8,835	5,919	0.67	2.17
20	18	10,070	5,539	0.55	1.97	9,785	5,382	0.55	2.08	9,453	5,199	0.55	2.23
20	20	10,830	4,657	0.43	2.03	10,593	4,555	0.43	2.13	10,308	4,432	0.43	2.27
22	16	9,405	7,054	0.75	1.94	9,120	6,840	0.75	2.04	8,835	6,626	0.75	2.17
22	18	10,070	6,344	0.63	1.97	9,785	6,165	0.63	2.08	9,453	5,955	0.63	2.23
22	20	10,830	5,523	0.51	2.03	10,593	5,402	0.51	2.13	10,308	5,257	0.51	2.27
24	16	9,405	7,806	0.83	1.94	9,120	7,570	0.83	2.04	8,835	7,333	0.83	2.17
24	18	10,070	7,150	0.71	1.97	9,785	6,947	0.71	2.08	9,453	6,711	0.71	2.23
24	20	10,830	6,390	0.59	2.03	10,593	6,250	0.59	2.13	10,308	6,081	0.59	2.27
24	22	11,543	5,425	0.47	2.08	11,305	5,313	0.47	2.20	11,020	5,179	0.47	2.35
26	16	9,405	8,559	0.91	1.94	9,120	8,299	0.91	2.04	8,835	8,040	0.91	2.17
26	18	10,070	7,955	0.79	1.97	9,785	7,730	0.79	2.08	9,453	7,467	0.79	2.23
26	20	10,830	7,256	0.67	2.03	10,593	7,097	0.67	2.13	10,308	6,906	0.67	2.27
26	22	11,543	6,348	0.55	2.08	11,305	6,218	0.55	2.20	11,020	6,061	0.55	2.35
27	16	9,405	8,935	0.95	1.94	9,120	8,664	0.95	2.04	8,835	8,393	0.95	2.17
27	18	10,070	8,358	0.83	1.97	9,785	8,122	0.83	2.08	9,453	7,846	0.83	2.23
27	20	10,830	7,689	0.71	2.03	10,593	7,521	0.71	2.13	10,308	7,318	0.71	2.27
27	22	11,543	6,810	0.59	2.08	11,305	6,670	0.59	2.20	11,020	6,502	0.59	2.35
28	16	9,405	9,311	0.99	1.94	9,120	9,029	0.99	2.04	8,835	8,747	0.99	2.17
28	18	10,070	8,761	0.87	1.97	9,785	8,513	0.87	2.08	9,453	8,224	0.87	2.23
28	20	10,830	8,123	0.75	2.03	10,593	7,944	0.75	2.13	10,308	7,731	0.75	2.27
28	22	11,543	7,272	0.63	2.08	11,305	7,122	0.63	2.20	11,020	6,943	0.63	2.35
30	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.17
30	18	10,070	9,567	0.95	1.97	9,785	9,296	0.95	2.08	9,453	8,980	0.95	2.23
30	20	10,830	8,989	0.83	2.03	10,593	8,792	0.83	2.13	10,308	8,555	0.83	2.27
30	22	11,543	8,195	0.71	2.08	11,305	8,027	0.71	2.20	11,020	7,824	0.71	2.35
32	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.17
32	18	10,070	10,070	1.00	1.97	9,785	9,785	1.00	2.08	9,453	9,453	1.00	2.23
32	20	10,830	9,855	0.91	2.03	10,593	9,639	0.91	2.13	10,308	9,380	0.91	2.27
32	22	11,543	9,119	0.79	2.08	11,305	8,931	0.79	2.20	11,020	8,706	0.79	2.35
34	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.17
34	18	10,070	10,070	1.00	1.97	9,785	9,785	1.00	2.08	9,453	9,453	1.00	2.23
34	20	10,830	10,722	0.99	2.03	10,593	10,487	0.99	2.13	10,308	10,204	0.99	2.27
34	22	11,543	10,042	0.87	2.08	11,305	9,835	0.87	2.20	11,020	9,587	0.87	2.35

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	8,455	5,665	0.67	2.32	8,075	5,410	0.67	2.49	7,695	5,156	0.67	2.70
20	18	9,120	5,016	0.55	2.38	8,835	4,859	0.55	2.57	8,265	4,546	0.55	2.76
20	20	9,880	4,248	0.43	2.44	9,500	4,085	0.43	2.61	8,930	3,840	0.43	2.81
22	16	8,455	6,341	0.75	2.32	8,075	6,056	0.75	2.49	7,695	5,771	0.75	2.70
22	18	9,120	5,746	0.63	2.38	8,835	5,566	0.63	2.57	8,265	5,207	0.63	2.76
22	20	9,880	5,039	0.51	2.44	9,500	4,845	0.51	2.61	8,930	4,554	0.51	2.81
24	16	8,455	7,018	0.83	2.32	8,075	6,702	0.83	2.49	7,695	6,387	0.83	2.70
24	18	9,120	6,475	0.71	2.38	8,835	6,273	0.71	2.57	8,265	5,868	0.71	2.76
24	20	9,880	5,829	0.59	2.44	9,500	5,605	0.59	2.61	8,930	5,269	0.59	2.81
24	22	10,640	5,001	0.47	2.49	10,260	4,822	0.47	2.69	9,690	4,554	0.47	2.86
26	16	8,455	7,694	0.91	2.32	8,075	7,348	0.91	2.49	7,695	7,002	0.91	2.70
26	18	9,120	7,205	0.79	2.38	8,835	6,980	0.79	2.57	8,265	6,529	0.79	2.76
26	20	9,880	6,620	0.67	2.44	9,500	6,365	0.67	2.61	8,930	5,983	0.67	2.81
26	22	10,640	5,852	0.55	2.49	10,260	5,643	0.55	2.69	9,690	5,330	0.55	2.86
27	16	8,455	8,032	0.95	2.32	8,075	7,671	0.95	2.49	7,695	7,310	0.95	2.70
27	18	9,120	7,570	0.83	2.38	8,835	7,333	0.83	2.57	8,265	6,860	0.83	2.76
27	20	9,880	7,015	0.71	2.44	9,500	6,745	0.71	2.61	8,930	6,340	0.71	2.81
27	22	10,640	6,278	0.59	2.49	10,260	6,053	0.59	2.69	9,690	5,717	0.59	2.86
28	16	8,455	8,370	0.99	2.32	8,075	7,994	0.99	2.49	7,695	7,618	0.99	2.70
28	18	9,120	7,934	0.87	2.38	8,835	7,686	0.87	2.57	8,265	7,191	0.87	2.76
28	20	9,880	7,410	0.75	2.44	9,500	7,125	0.75	2.61	8,930	6,698	0.75	2.81
28	22	10,640	6,703	0.63	2.49	10,260	6,464	0.63	2.69	9,690	6,105	0.63	2.86
30	16	8,455	8,455	1.00	2.32	8,075	8,075	1.00	2.49	7,695	7,695	1.00	2.70
30	18	9,120	8,664	0.95	2.38	8,835	8,393	0.95	2.57	8,265	7,852	0.95	2.76
30	20	9,880	8,200	0.83	2.44	9,500	7,885	0.83	2.61	8,930	7,412	0.83	2.81
30	22	10,640	7,554	0.71	2.49	10,260	7,285	0.71	2.69	9,690	6,880	0.71	2.86
32	16	8,455	8,455	1.00	2.32	8,075	8,075	1.00	2.49	7,695	7,695	1.00	2.70
32	18	9,120	9,120	1.00	2.38	8,835	8,835	1.00	2.57	8,265	8,265	1.00	2.76
32	20	9,880	8,991	0.91	2.44	9,500	8,645	0.91	2.61	8,930	8,126	0.91	2.81
32	22	10,640	8,406	0.79	2.49	10,260	8,105	0.79	2.69	9,690	7,655	0.79	2.86
34	16	8,455	8,455	1.00	2.32	8,075	8,075	1.00	2.49	7,695	7,695	1.00	2.70
34	18	9,120	9,120	1.00	2.38	8,835	8,835	1.00	2.57	8,265	8,265	1.00	2.76
34	20	9,880	9,781	0.99	2.44	9,500	9,405	0.99	2.61	8,930	8,841	0.99	2.81
34	22	10,640	9,257	0.87	2.49	10,260	8,926	0.87	2.69	9,690	8,430	0.87	2.86

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP125KAQ / PUHZ-ZRP125VKA2, PUHZ-ZRP125YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	7,673	0.62	3.18	12,000	7,440	0.62	3.36	11,625	7,208	0.62	3.56
20	18	13,250	6,625	0.50	3.24	12,875	6,438	0.50	3.42	12,438	6,219	0.50	3.66
20	20	14,250	5,415	0.38	3.34	13,938	5,296	0.38	3.50	13,563	5,154	0.38	3.74
22	16	12,375	8,663	0.70	3.18	12,000	8,400	0.70	3.36	11,625	8,138	0.70	3.56
22	18	13,250	7,685	0.58	3.24	12,875	7,468	0.58	3.42	12,438	7,214	0.58	3.66
22	20	14,250	6,555	0.46	3.34	13,938	6,411	0.46	3.50	13,563	6,239	0.46	3.74
24	16	12,375	9,653	0.78	3.18	12,000	9,360	0.78	3.36	11,625	9,068	0.78	3.56
24	18	13,250	8,745	0.66	3.24	12,875	8,498	0.66	3.42	12,438	8,209	0.66	3.66
24	20	14,250	7,695	0.54	3.34	13,938	7,526	0.54	3.50	13,563	7,324	0.54	3.74
24	22	15,188	6,379	0.42	3.42	14,875	6,248	0.42	3.62	14,500	6,090	0.42	3.86
26	16	12,375	10,643	0.86	3.18	12,000	10,320	0.86	3.36	11,625	9,998	0.86	3.56
26	18	13,250	9,805	0.74	3.24	12,875	9,528	0.74	3.42	12,438	9,204	0.74	3.66
26	20	14,250	8,835	0.62	3.34	13,938	8,641	0.62	3.50	13,563	8,409	0.62	3.74
26	22	15,188	7,594	0.50	3.42	14,875	7,438	0.50	3.62	14,500	7,250	0.50	3.86
27	16	12,375	11,138	0.90	3.18	12,000	10,800	0.90	3.36	11,625	10,463	0.90	3.56
27	18	13,250	10,335	0.78	3.24	12,875	10,043	0.78	3.42	12,438	9,701	0.78	3.66
27	20	14,250	9,405	0.66	3.34	13,938	9,199	0.66	3.50	13,563	8,951	0.66	3.74
27	22	15,188	8,201	0.54	3.42	14,875	8,033	0.54	3.62	14,500	7,830	0.54	3.86
28	16	12,375	11,633	0.94	3.18	12,000	11,280	0.94	3.36	11,625	10,928	0.94	3.56
28	18	13,250	10,865	0.82	3.24	12,875	10,558	0.82	3.42	12,438	10,199	0.82	3.66
28	20	14,250	9,975	0.70	3.34	13,938	9,756	0.70	3.50	13,563	9,494	0.70	3.74
28	22	15,188	8,809	0.58	3.42	14,875	8,628	0.58	3.62	14,500	8,410	0.58	3.86
30	16	12,375	12,375	1.00	3.18	12,000	12,000	1.00	3.36	11,625	11,625	1.00	3.56
30	18	13,250	11,925	0.90	3.24	12,875	11,588	0.90	3.42	12,438	11,194	0.90	3.66
30	20	14,250	11,115	0.78	3.34	13,938	10,871	0.78	3.50	13,563	10,579	0.78	3.74
30	22	15,188	10,024	0.66	3.42	14,875	9,818	0.66	3.62	14,500	9,570	0.66	3.86
32	16	12,375	12,375	1.00	3.18	12,000	12,000	1.00	3.36	11,625	11,625	1.00	3.56
32	18	13,250	12,985	0.98	3.24	12,875	12,618	0.98	3.42	12,438	12,189	0.98	3.66
32	20	14,250	12,255	0.86	3.34	13,938	11,986	0.86	3.50	13,563	11,664	0.86	3.74
32	22	15,188	11,239	0.74	3.42	14,875	11,008	0.74	3.62	14,500	10,730	0.74	3.86
34	16	12,375	12,375	1.00	3.18	12,000	12,000	1.00	3.36	11,625	11,625	1.00	3.56
34	18	13,250	13,250	1.00	3.24	12,875	12,875	1.00	3.42	12,438	12,438	1.00	3.66
34	20	14,250	13,395	0.94	3.34	13,938	13,101	0.94	3.50	13,563	12,749	0.94	3.74
34	22	15,188	12,454	0.82	3.42	14,875	12,198	0.82	3.62	14,500	11,890	0.82	3.86

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	6,898	0.62	3.82	10,625	6,588	0.62	4.10	10,125	6,278	0.62	4.44
20	18	12,000	6,000	0.50	3.92	11,625	5,813	0.50	4.22	10,875	5,438	0.50	4.54
20	20	13,000	4,940	0.38	4.02	12,500	4,750	0.38	4.30	11,750	4,465	0.38	4.62
22	16	11,125	7,788	0.70	3.82	10,625	7,438	0.70	4.10	10,125	7,088	0.70	4.44
22	18	12,000	6,960	0.58	3.92	11,625	6,743	0.58	4.22	10,875	6,308	0.58	4.54
22	20	13,000	5,980	0.46	4.02	12,500	5,750	0.46	4.30	11,750	5,405	0.46	4.62
24	16	11,125	8,678	0.78	3.82	10,625	8,288	0.78	4.10	10,125	7,898	0.78	4.44
24	18	12,000	7,920	0.66	3.92	11,625	7,673	0.66	4.22	10,875	7,178	0.66	4.54
24	20	13,000	7,020	0.54	4.02	12,500	6,750	0.54	4.30	11,750	6,345	0.54	4.62
24	22	14,000	5,880	0.42	4.10	13,500	5,670	0.42	4.42	12,750	5,355	0.42	4.70
26	16	11,125	9,568	0.86	3.82	10,625	9,138	0.86	4.10	10,125	8,708	0.86	4.44
26	18	12,000	8,880	0.74	3.92	11,625	8,603	0.74	4.22	10,875	8,048	0.74	4.54
26	20	13,000	8,060	0.62	4.02	12,500	7,750	0.62	4.30	11,750	7,285	0.62	4.62
26	22	14,000	7,000	0.50	4.10	13,500	6,750	0.50	4.42	12,750	6,375	0.50	4.70
27	16	11,125	10,013	0.90	3.82	10,625	9,563	0.90	4.10	10,125	9,113	0.90	4.44
27	18	12,000	9,360	0.78	3.92	11,625	9,068	0.78	4.22	10,875	8,483	0.78	4.54
27	20	13,000	8,580	0.66	4.02	12,500	8,250	0.66	4.30	11,750	7,755	0.66	4.62
27	22	14,000	7,560	0.54	4.10	13,500	7,290	0.54	4.42	12,750	6,885	0.54	4.70
28	16	11,125	10,458	0.94	3.82	10,625	9,988	0.94	4.10	10,125	9,518	0.94	4.44
28	18	12,000	9,840	0.82	3.92	11,625	9,533	0.82	4.22	10,875	8,918	0.82	4.54
28	20	13,000	9,100	0.70	4.02	12,500	8,750	0.70	4.30	11,750	8,225	0.70	4.62
28	22	14,000	8,120	0.58	4.10	13,500	7,830	0.58	4.42	12,750	7,395	0.58	4.70
30	16	11,125	11,125	1.00	3.82	10,625	10,625	1.00	4.10	10,125	10,125	1.00	4.44
30	18	12,000	10,800	0.90	3.92	11,625	10,463	0.90	4.22	10,875	9,788	0.90	4.54
30	20	13,000	10,140	0.78	4.02	12,500	9,750	0.78	4.30	11,750	9,165	0.78	4.62
30	22	14,000	9,240	0.66	4.10	13,500	8,910	0.66	4.42	12,750	8,415	0.66	4.70
32	16	11,125	11,125	1.00	3.82	10,625	10,625	1.00	4.10	10,125	10,125	1.00	4.44
32	18	12,000	11,760	0.98	3.92	11,625	11,393	0.98	4.22	10,875	10,658	0.98	4.54
32	20	13,000	11,180	0.86	4.02	12,500	10,750	0.86	4.30	11,750	10,105	0.86	4.62
32	22	14,000	10,360	0.74	4.10	13,500	9,990	0.74	4.42	12,750	9,435	0.74	4.70
34	16	11,125	11,125	1.00	3.82	10,625	10,625	1.00	4.10	10,125	10,125	1.00	4.44
34	18	12,000	12,000	1.00	3.92	11,625	11,625	1.00	4.22	10,875	10,875	1.00	4.54
34	20	13,000	12,220	0.94	4.02	12,500	11,750	0.94	4.30	11,750	11,045	0.94	4.62
34	22	14,000	11,480	0.82	4.10	13,500	11,070	0.82	4.42	12,750	10,455	0.82	4.70

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP140KAQ / PUHZ-ZRP140VKA2, PUHZ-ZRP140YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	8,225	0.62	3.16	12,864	7,976	0.62	3.34	12,462	7,726	0.62	3.54
20	18	14,204	7,102	0.50	3.22	13,802	6,901	0.50	3.40	13,333	6,667	0.50	3.63
20	20	15,276	5,805	0.38	3.32	14,941	5,678	0.38	3.48	14,539	5,525	0.38	3.71
22	16	13,266	9,286	0.70	3.16	12,864	9,005	0.70	3.34	12,462	8,723	0.70	3.54
22	18	14,204	8,238	0.58	3.22	13,802	8,005	0.58	3.40	13,333	7,733	0.58	3.63
22	20	15,276	7,027	0.46	3.32	14,941	6,873	0.46	3.48	14,539	6,688	0.46	3.71
24	16	13,266	10,347	0.78	3.16	12,864	10,034	0.78	3.34	12,462	9,720	0.78	3.54
24	18	14,204	9,375	0.66	3.22	13,802	9,109	0.66	3.40	13,333	8,800	0.66	3.63
24	20	15,276	8,249	0.54	3.32	14,941	8,068	0.54	3.48	14,539	7,851	0.54	3.71
24	22	16,281	6,838	0.42	3.40	15,946	6,697	0.42	3.59	15,544	6,528	0.42	3.83
26	16	13,266	11,409	0.86	3.16	12,864	11,063	0.86	3.34	12,462	10,717	0.86	3.54
26	18	14,204	10,511	0.74	3.22	13,802	10,213	0.74	3.40	13,333	9,866	0.74	3.63
26	20	15,276	9,471	0.62	3.32	14,941	9,263	0.62	3.48	14,539	9,014	0.62	3.71
26	22	16,281	8,141	0.50	3.40	15,946	7,973	0.50	3.59	15,544	7,772	0.50	3.83
27	16	13,266	11,939	0.90	3.16	12,864	11,578	0.90	3.34	12,462	11,216	0.90	3.54
27	18	14,204	11,079	0.78	3.22	13,802	10,766	0.78	3.40	13,333	10,400	0.78	3.63
27	20	15,276	10,082	0.66	3.32	14,941	9,861	0.66	3.48	14,539	9,596	0.66	3.71
27	22	16,281	8,792	0.54	3.40	15,946	8,611	0.54	3.59	15,544	8,394	0.54	3.83
28	16	13,266	12,470	0.94	3.16	12,864	12,092	0.94	3.34	12,462	11,714	0.94	3.54
28	18	14,204	11,647	0.82	3.22	13,802	11,318	0.82	3.40	13,333	10,933	0.82	3.63
28	20	15,276	10,693	0.70	3.32	14,941	10,459	0.70	3.48	14,539	10,177	0.70	3.71
28	22	16,281	9,443	0.58	3.40	15,946	9,249	0.58	3.59	15,544	9,016	0.58	3.83
30	16	13,266	13,266	1.00	3.16	12,864	12,864	1.00	3.34	12,462	12,462	1.00	3.54
30	18	14,204	12,784	0.90	3.22	13,802	12,422	0.90	3.40	13,333	12,000	0.90	3.63
30	20	15,276	11,915	0.78	3.32	14,941	11,654	0.78	3.48	14,539	11,340	0.78	3.71
30	22	16,281	10,745	0.66	3.40	15,946	10,524	0.66	3.59	15,544	10,259	0.66	3.83
32	16	13,266	13,266	1.00	3.16	12,864	12,864	1.00	3.34	12,462	12,462	1.00	3.54
32	18	14,204	13,920	0.98	3.22	13,802	13,526	0.98	3.40	13,333	13,066	0.98	3.63
32	20	15,276	13,137	0.86	3.32	14,941	12,849	0.86	3.48	14,539	12,504	0.86	3.71
32	22	16,281	12,048	0.74	3.40	15,946	11,800	0.74	3.59	15,544	11,503	0.74	3.83
34	16	13,266	13,266	1.00	3.16	12,864	12,864	1.00	3.34	12,462	12,462	1.00	3.54
34	18	14,204	14,204	1.00	3.22	13,802	13,802	1.00	3.40	13,333	13,333	1.00	3.63
34	20	15,276	14,359	0.94	3.32	14,941	14,045	0.94	3.48	14,539	13,667	0.94	3.71
34	22	16,281	13,350	0.82	3.40	15,946	13,076	0.82	3.59	15,544	12,746	0.82	3.83

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	7,394	0.62	3.79	11,390	7,062	0.62	4.07	10,854	6,729	0.62	4.40
20	18	12,864	6,432	0.50	3.89	12,462	6,231	0.50	4.19	11,658	5,829	0.50	4.50
20	20	13,936	5,296	0.38	3.99	13,400	5,092	0.38	4.27	12,596	4,786	0.38	4.58
22	16	11,926	8,348	0.70	3.79	11,390	7,973	0.70	4.07	10,854	7,598	0.70	4.40
22	18	12,864	7,461	0.58	3.89	12,462	7,228	0.58	4.19	11,658	6,762	0.58	4.50
22	20	13,936	6,411	0.46	3.99	13,400	6,164	0.46	4.27	12,596	5,794	0.46	4.58
24	16	11,926	9,302	0.78	3.79	11,390	8,884	0.78	4.07	10,854	8,466	0.78	4.40
24	18	12,864	8,490	0.66	3.89	12,462	8,225	0.66	4.19	11,658	7,694	0.66	4.50
24	20	13,936	7,525	0.54	3.99	13,400	7,236	0.54	4.27	12,596	6,802	0.54	4.58
24	22	15,008	6,303	0.42	4.07	14,472	6,078	0.42	4.38	13,668	5,741	0.42	4.66
26	16	11,926	10,256	0.86	3.79	11,390	9,795	0.86	4.07	10,854	9,334	0.86	4.40
26	18	12,864	9,519	0.74	3.89	12,462	9,222	0.74	4.19	11,658	8,627	0.74	4.50
26	20	13,936	8,640	0.62	3.99	13,400	8,308	0.62	4.27	12,596	7,810	0.62	4.58
26	22	15,008	7,504	0.50	4.07	14,472	7,236	0.50	4.38	13,668	6,834	0.50	4.66
27	16	11,926	10,733	0.90	3.79	11,390	10,251	0.90	4.07	10,854	9,769	0.90	4.40
27	18	12,864	10,034	0.78	3.89	12,462	9,720	0.78	4.19	11,658	9,093	0.78	4.50
27	20	13,936	9,198	0.66	3.99	13,400	8,844	0.66	4.27	12,596	8,313	0.66	4.58
27	22	15,008	8,104	0.54	4.07	14,472	7,815	0.54	4.38	13,668	7,381	0.54	4.66
28	16	11,926	11,210	0.94	3.79	11,390	10,707	0.94	4.07	10,854	10,203	0.94	4.40
28	18	12,864	10,548	0.82	3.89	12,462	10,219	0.82	4.19	11,658	9,560	0.82	4.50
28	20	13,936	9,755	0.70	3.99	13,400	9,380	0.70	4.27	12,596	8,817	0.70	4.58
28	22	15,008	8,705	0.58	4.07	14,472	8,394	0.58	4.38	13,668	7,927	0.58	4.66
30	16	11,926	11,926	1.00	3.79	11,390	11,390	1.00	4.07	10,854	10,854	1.00	4.40
30	18	12,864	11,578	0.90	3.89	12,462	11,216	0.90	4.19	11,658	10,492	0.90	4.50
30	20	13,936	10,870	0.78	3.99	13,400	10,452	0.78	4.27	12,596	9,825	0.78	4.58
30	22	15,008	9,905	0.66	4.07	14,472	9,552	0.66	4.38	13,668	9,021	0.66	4.66
32	16	11,926	11,926	1.00	3.79	11,390	11,390	1.00	4.07	10,854	10,854	1.00	4.40
32	18	12,864	12,607	0.98	3.89	12,462	12,213	0.98	4.19	11,658	11,425	0.98	4.50
32	20	13,936	11,985	0.86	3.99	13,400	11,524	0.86	4.27	12,596	10,833	0.86	4.58
32	22	15,008	11,106	0.74	4.07	14,472	10,709	0.74	4.38	13,668	10,114	0.74	4.66
34	16	11,926	11,926	1.00	3.79	11,390	11,390	1.00	4.07	10,854	10,854	1.00	4.40
34	18	12,864	12,864	1.00	3.89	12,462	12,462	1.00	4.19	11,658	11,658	1.00	4.50
34	20	13,936	13,100	0.94	3.99	13,400	12,596	0.94	4.27	12,596	11,840	0.94	4.58
34	22	15,008	12,307	0.82	4.07	14,472	11,867	0.82	4.38	13,668	11,208	0.82	4.66

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP71KAQ / PUHZ-FRP71VHA

(230V)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,639	0.66	1.52	6,816	4,499	0.66	1.61	6,603	4,358	0.66	1.70
20	18	7,526	4,064	0.54	1.55	7,313	3,949	0.54	1.63	7,065	3,815	0.54	1.75
20	20	8,094	3,399	0.42	1.60	7,917	3,325	0.42	1.67	7,704	3,235	0.42	1.79
22	16	7,029	5,201	0.74	1.52	6,816	5,044	0.74	1.61	6,603	4,886	0.74	1.70
22	18	7,526	4,666	0.62	1.55	7,313	4,534	0.62	1.63	7,065	4,380	0.62	1.75
22	20	8,094	4,047	0.50	1.60	7,917	3,958	0.50	1.67	7,704	3,852	0.50	1.79
24	16	7,029	5,764	0.82	1.52	6,816	5,589	0.82	1.61	6,603	5,414	0.82	1.70
24	18	7,526	5,268	0.70	1.55	7,313	5,119	0.70	1.63	7,065	4,945	0.70	1.75
24	20	8,094	4,695	0.58	1.60	7,917	4,592	0.58	1.67	7,704	4,468	0.58	1.79
24	22	8,627	3,968	0.46	1.63	8,449	3,887	0.46	1.73	8,236	3,789	0.46	1.84
26	16	7,029	6,326	0.90	1.52	6,816	6,134	0.90	1.61	6,603	5,943	0.90	1.70
26	18	7,526	5,870	0.78	1.55	7,313	5,704	0.78	1.63	7,065	5,510	0.78	1.75
26	20	8,094	5,342	0.66	1.60	7,917	5,225	0.66	1.67	7,704	5,084	0.66	1.79
26	22	8,627	4,658	0.54	1.63	8,449	4,562	0.54	1.73	8,236	4,447	0.54	1.84
27	16	7,029	6,607	0.94	1.52	6,816	6,407	0.94	1.61	6,603	6,207	0.94	1.70
27	18	7,526	6,171	0.82	1.55	7,313	5,997	0.82	1.63	7,065	5,793	0.82	1.75
27	20	8,094	5,666	0.70	1.60	7,917	5,542	0.70	1.67	7,704	5,392	0.70	1.79
27	22	8,627	5,003	0.58	1.63	8,449	4,900	0.58	1.73	8,236	4,777	0.58	1.84
28	16	7,029	6,888	0.98	1.52	6,816	6,680	0.98	1.61	6,603	6,471	0.98	1.70
28	18	7,526	6,472	0.86	1.55	7,313	6,289	0.86	1.63	7,065	6,075	0.86	1.75
28	20	8,094	5,990	0.74	1.60	7,917	5,858	0.74	1.67	7,704	5,701	0.74	1.79
28	22	8,627	5,348	0.62	1.63	8,449	5,238	0.62	1.73	8,236	5,106	0.62	1.84
30	16	7,029	7,029	1.00	1.52	6,816	6,816	1.00	1.61	6,603	6,603	1.00	1.70
30	18	7,526	7,074	0.94	1.55	7,313	6,874	0.94	1.63	7,065	6,641	0.94	1.75
30	20	8,094	6,637	0.82	1.60	7,917	6,492	0.82	1.67	7,704	6,317	0.82	1.79
30	22	8,627	6,039	0.70	1.63	8,449	5,914	0.70	1.73	8,236	5,765	0.70	1.84
32	16	7,029	7,029	1.00	1.52	6,816	6,816	1.00	1.61	6,603	6,603	1.00	1.70
32	18	7,526	7,526	1.00	1.55	7,313	7,313	1.00	1.63	7,065	7,065	1.00	1.75
32	20	8,094	7,285	0.90	1.60	7,917	7,125	0.90	1.67	7,704	6,933	0.90	1.79
32	22	8,627	6,729	0.78	1.63	8,449	6,590	0.78	1.73	8,236	6,424	0.78	1.84
34	16	7,029	7,029	1.00	1.52	6,816	6,816	1.00	1.61	6,603	6,603	1.00	1.70
34	18	7,526	7,526	1.00	1.55	7,313	7,313	1.00	1.63	7,065	7,065	1.00	1.75
34	20	8,094	7,932	0.98	1.60	7,917	7,758	0.98	1.67	7,704	7,549	0.98	1.79
34	22	8,627	7,419	0.86	1.63	8,449	7,266	0.86	1.73	8,236	7,083	0.86	1.84

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,171	0.66	1.82	6,035	3,983	0.66	1.96	5,751	3,796	0.66	2.12
20	18	6,816	3,681	0.54	1.87	6,603	3,566	0.54	2.01	6,177	3,336	0.54	2.17
20	20	7,384	3,101	0.42	1.92	7,100	2,982	0.42	2.05	6,674	2,803	0.42	2.20
22	16	6,319	4,676	0.74	1.82	6,035	4,466	0.74	1.96	5,751	4,256	0.74	2.12
22	18	6,816	4,226	0.62	1.87	6,603	4,094	0.62	2.01	6,177	3,830	0.62	2.17
22	20	7,384	3,692	0.50	1.92	7,100	3,550	0.50	2.05	6,674	3,337	0.50	2.20
24	16	6,319	5,182	0.82	1.82	6,035	4,949	0.82	1.96	5,751	4,716	0.82	2.12
24	18	6,816	4,771	0.70	1.87	6,603	4,622	0.70	2.01	6,177	4,324	0.70	2.17
24	20	7,384	4,283	0.58	1.92	7,100	4,118	0.58	2.05	6,674	3,871	0.58	2.20
24	22	7,952	3,658	0.46	1.96	7,668	3,527	0.46	2.11	7,242	3,331	0.46	2.24
26	16	6,319	5,687	0.90	1.82	6,035	5,432	0.90	1.96	5,751	5,176	0.90	2.12
26	18	6,816	5,316	0.78	1.87	6,603	5,150	0.78	2.01	6,177	4,818	0.78	2.17
26	20	7,384	4,873	0.66	1.92	7,100	4,686	0.66	2.05	6,674	4,405	0.66	2.20
26	22	7,952	4,294	0.54	1.96	7,668	4,141	0.54	2.11	7,242	3,911	0.54	2.24
27	16	6,319	5,940	0.94	1.82	6,035	5,673	0.94	1.96	5,751	5,406	0.94	2.12
27	18	6,816	5,589	0.82	1.87	6,603	5,414	0.82	2.01	6,177	5,065	0.82	2.17
27	20	7,384	5,169	0.70	1.92	7,100	4,970	0.70	2.05	6,674	4,672	0.70	2.20
27	22	7,952	4,612	0.58	1.96	7,668	4,447	0.58	2.11	7,242	4,200	0.58	2.24
28	16	6,319	6,193	0.98	1.82	6,035	5,914	0.98	1.96	5,751	5,636	0.98	2.12
28	18	6,816	5,862	0.86	1.87	6,603	5,679	0.86	2.01	6,177	5,312	0.86	2.17
28	20	7,384	5,464	0.74	1.92	7,100	5,254	0.74	2.05	6,674	4,939	0.74	2.20
28	22	7,952	4,930	0.62	1.96	7,668	4,754	0.62	2.11	7,242	4,490	0.62	2.24
30	16	6,319	6,319	1.00	1.82	6,035	6,035	1.00	1.96	5,751	5,751	1.00	2.12
30	18	6,816	6,407	0.94	1.87	6,603	6,207	0.94	2.01	6,177	5,806	0.94	2.17
30	20	7,384	6,055	0.82	1.92	7,100	5,822	0.82	2.05	6,674	5,473	0.82	2.20
30	22	7,952	5,566	0.70	1.96	7,668	5,368	0.70	2.11	7,242	5,069	0.70	2.24
32	16	6,319	6,319	1.00	1.82	6,035	6,035	1.00	1.96	5,751	5,751	1.00	2.12
32	18	6,816	6,816	1.00	1.87	6,603	6,603	1.00	2.01	6,177	6,177	1.00	2.17
32	20	7,384	6,646	0.90	1.92	7,100	6,390	0.90	2.05	6,674	6,007	0.90	2.20
32	22	7,952	6,203	0.78	1.96	7,668	5,981	0.78	2.11	7,242	5,649	0.78	2.24
34	16	6,319	6,319	1.00	1.82	6,035	6,035	1.00	1.96	5,751	5,751	1.00	2.12
34	18	6,816	6,816	1.00	1.87	6,603	6,603	1.00	2.01	6,177	6,177	1.00	2.17
34	20	7,384	7,236	0.98	1.92	7,100	6,958	0.98	2.05	6,674	6,541	0.98	2.20
34	22	7,952	6,839	0.86	1.96	7,668	6,594	0.86	2.11	7,242	6,228	0.86	2.24

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP35KAQ / SUZ-KA35VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,230	2,961	0.70	0.840	4,050	2,835	0.70	0.882	3,888	2,722	0.70	0.924	3,744	2,621	0.70	0.966
21	20	4,410	2,558	0.58	0.882	4,230	2,453	0.58	0.935	4,104	2,380	0.58	0.956	3,960	2,297	0.58	0.998
22	18	4,230	3,130	0.74	0.840	4,050	2,997	0.74	0.882	3,888	2,877	0.74	0.924	3,744	2,771	0.74	0.966
22	20	4,410	2,734	0.62	0.882	4,230	2,623	0.62	0.935	4,104	2,544	0.62	0.956	3,960	2,455	0.62	0.998
22	22	4,590	2,295	0.50	0.914	4,428	2,214	0.50	0.971	4,320	2,160	0.50	0.998	4,140	2,070	0.50	1.040
23	18	4,230	3,299	0.78	0.840	4,050	3,159	0.78	0.882	3,888	3,033	0.78	0.924	3,744	2,920	0.78	0.966
23	20	4,410	2,911	0.66	0.882	4,230	2,792	0.66	0.935	4,104	2,709	0.66	0.956	3,960	2,614	0.66	0.998
23	22	4,590	2,479	0.54	0.914	4,428	2,391	0.54	0.971	4,320	2,333	0.54	0.998	4,140	2,236	0.54	1.040
24	18	4,230	3,469	0.82	0.840	4,050	3,321	0.82	0.882	3,888	3,188	0.82	0.924	3,744	3,070	0.82	0.966
24	20	4,410	3,087	0.70	0.882	4,230	2,961	0.70	0.935	4,104	2,873	0.70	0.956	3,960	2,772	0.70	0.998
24	22	4,590	2,662	0.58	0.914	4,428	2,568	0.58	0.971	4,320	2,506	0.58	0.998	4,140	2,401	0.58	1.040
24	24	4,824	2,219	0.46	0.956	4,644	2,136	0.46	1.008	4,536	2,087	0.46	1.040	4,392	2,020	0.46	1.092
25	20	4,410	3,263	0.74	0.882	4,230	3,130	0.74	0.935	4,104	3,037	0.74	0.956	3,960	2,930	0.74	0.998
25	22	4,590	2,846	0.62	0.914	4,428	2,745	0.62	0.971	4,320	2,678	0.62	0.998	4,140	2,567	0.62	1.040
25	24	4,824	2,412	0.50	0.956	4,644	2,322	0.50	1.008	4,536	2,268	0.50	1.040	4,392	2,196	0.50	1.092
26	18	4,230	3,807	0.90	0.840	4,050	3,645	0.90	0.882	3,888	3,499	0.90	0.924	3,744	3,370	0.90	0.966
26	20	4,410	3,440	0.78	0.882	4,230	3,299	0.78	0.935	4,104	3,201	0.78	0.956	3,960	3,089	0.78	0.998
26	22	4,590	3,029	0.66	0.914	4,428	2,922	0.66	0.971	4,320	2,851	0.66	0.998	4,140	2,732	0.66	1.040
26	24	4,824	2,605	0.54	0.956	4,644	2,508	0.54	1.008	4,536	2,449	0.54	1.040	4,392	2,372	0.54	1.092
26	26	4,968	2,087	0.42	1.008	4,824	2,026	0.42	1.061	4,752	1,996	0.42	1.092	4,608	1,935	0.42	1.124
27	18	4,230	3,976	0.94	0.840	4,050	3,807	0.94	0.882	3,888	3,655	0.94	0.924	3,744	3,519	0.94	0.966
27	20	4,410	3,616	0.82	0.882	4,230	3,469	0.82	0.935	4,104	3,365	0.82	0.956	3,960	3,247	0.82	0.998
27	22	4,590	3,213	0.70	0.914	4,428	3,100	0.70	0.971	4,320	3,024	0.70	0.998	4,140	2,898	0.70	1.040
27	24	4,824	2,798	0.58	0.956	4,644	2,694	0.58	1.008	4,536	2,631	0.58	1.040	4,392	2,547	0.58	1.092
27	26	4,968	2,285	0.46	1.008	4,824	2,219	0.46	1.061	4,752	2,186	0.46	1.092	4,608	2,120	0.46	1.124
28	18	4,230	4,145	0.98	0.840	4,050	3,969	0.98	0.882	3,888	3,810	0.98	0.924	3,744	3,669	0.98	0.966
28	20	4,410	3,793	0.86	0.882	4,230	3,638	0.86	0.935	4,104	3,529	0.86	0.956	3,960	3,406	0.86	0.998
28	22	4,590	3,397	0.74	0.914	4,428	3,277	0.74	0.971	4,320	3,197	0.74	0.998	4,140	3,064	0.74	1.040
28	24	4,824	2,991	0.62	0.956	4,644	2,879	0.62	1.008	4,536	2,812	0.62	1.040	4,392	2,723	0.62	1.092
28	26	4,968	2,484	0.50	1.008	4,824	2,412	0.50	1.061	4,752	2,376	0.50	1.092	4,608	2,304	0.50	1.124
29	18	4,230	4,315	1.02	0.840	4,050	4,131	1.02	0.882	3,888	3,966	1.02	0.924	3,744	3,819	1.02	0.966
29	20	4,410	3,969	0.90	0.882	4,230	3,807	0.90	0.935	4,104	3,694	0.90	0.956	3,960	3,564	0.90	0.998
29	22	4,590	3,580	0.78	0.914	4,428	3,454	0.78	0.971	4,320	3,370	0.78	0.998	4,140	3,229	0.78	1.040
29	24	4,824	3,184	0.66	0.956	4,644	3,065	0.66	1.008	4,536	2,994	0.66	1.040	4,392	2,899	0.66	1.092
29	26	4,968	2,683	0.54	1.008	4,824	2,605	0.54	1.061	4,752	2,566	0.54	1.092	4,608	2,488	0.54	1.124
30	18	4,230	4,484	1.06	0.840	4,050	4,293	1.06	0.882	3,888	4,121	1.06	0.924	3,744	3,969	1.06	0.966
30	20	4,410	4,145	0.94	0.882	4,230	3,976	0.94	0.935	4,104	3,858	0.94	0.956	3,960	3,722	0.94	0.998
30	22	4,590	3,764	0.82	0.914	4,428	3,631	0.82	0.971	4,320	3,542	0.82	0.998	4,140	3,395	0.82	1.040
30	24	4,824	3,377	0.70	0.956	4,644	3,251	0.70	1.008	4,536	3,175	0.70	1.040	4,392	3,074	0.70	1.092
30	26	4,968	2,881	0.58	1.008	4,824	2,798	0.58	1.061	4,752	2,756	0.58	1.092	4,608	2,673	0.58	1.124
31	18	4,230	4,653	1.10	0.840	4,050	4,455	1.10	0.882	3,888	4,277	1.10	0.924	3,744	4,118	1.10	0.966
31	20	4,410	4,322	0.98	0.882	4,230	4,145	0.98	0.935	4,104	4,022	0.98	0.956	3,960	3,881	0.98	0.998
31	22	4,590	3,947	0.86	0.914	4,428	3,808	0.86	0.971	4,320	3,715	0.86	0.998	4,140	3,560	0.86	1.040
31	24	4,824	3,570	0.74	0.956	4,644	3,437	0.74	1.008	4,536	3,357	0.74	1.040	4,392	3,250	0.74	1.092
31	26	4,968	3,080	0.62	1.008	4,824	2,991	0.62	1.061	4,752	2,946	0.62	1.092	4,608	2,857	0.62	1.124
32	18	4,230	4,822	1.14	0.840	4,050	4,617	1.14	0.882	3,888	4,432	1.14	0.924	3,744	4,268	1.14	0.966
32	20	4,410	4,498	1.02	0.882	4,230	4,315	1.02	0.935	4,104	4,186	1.02	0.956	3,960	4,039	1.02	0.998
32	22	4,590	4,131	0.90	0.914	4,428	3,985	0.90	0.971	4,320	3,888	0.90	0.998	4,140	3,726	0.90	1.040
32	24	4,824	3,763	0.78	0.956	4,644	3,622	0.78	1.008	4,536	3,538	0.78	1.040	4,392	3,426	0.78	1.092
32	26	4,968	3,279	0.66	1.008	4,824	3,184	0.66	1.061	4,752	3,136	0.66	1.092	4,608	3,041	0.66	1.124

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP35KAQ / SUZ-KA35VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3,528	2,470	0.70	1.029	3,240	2,268	0.70	1.092	2,988	2,092	0.70	1.134
21	20	3,708	2,151	0.58	1.071	3,456	2,004	0.58	1.124	3,204	1,858	0.58	1.187
22	18	3,528	2,611	0.74	1.029	3,240	2,398	0.74	1.092	2,988	2,211	0.74	1.134
22	20	3,708	2,299	0.62	1.071	3,456	2,143	0.62	1.124	3,204	1,986	0.62	1.187
22	22	3,924	1,962	0.50	1.113	3,672	1,836	0.50	1.176	3,420	1,710	0.50	1.218
23	18	3,528	2,752	0.78	1.029	3,240	2,527	0.78	1.092	2,988	2,331	0.78	1.134
23	20	3,708	2,447	0.66	1.071	3,456	2,281	0.66	1.124	3,204	2,115	0.66	1.187
23	22	3,924	2,119	0.54	1.113	3,672	1,983	0.54	1.176	3,420	1,847	0.54	1.218
24	18	3,528	2,893	0.82	1.029	3,240	2,657	0.82	1.092	2,988	2,450	0.82	1.134
24	20	3,708	2,596	0.70	1.071	3,456	2,419	0.70	1.124	3,204	2,243	0.70	1.187
24	22	3,924	2,276	0.58	1.113	3,672	2,130	0.58	1.176	3,420	1,984	0.58	1.218
24	24	4,140	1,904	0.46	1.155	3,888	1,788	0.46	1.208	3,672	1,689	0.46	1.260
25	20	3,708	2,744	0.74	1.071	3,456	2,557	0.74	1.124	3,204	2,371	0.74	1.187
25	22	3,924	2,433	0.62	1.113	3,672	2,277	0.62	1.176	3,420	2,120	0.62	1.218
25	24	4,140	2,070	0.50	1.155	3,888	1,944	0.50	1.208	3,672	1,836	0.50	1.260
26	18	3,528	3,175	0.90	1.029	3,240	2,916	0.90	1.092	2,988	2,689	0.90	1.134
26	20	3,708	2,892	0.78	1.071	3,456	2,696	0.78	1.124	3,204	2,499	0.78	1.187
26	22	3,924	2,590	0.66	1.113	3,672	2,424	0.66	1.176	3,420	2,257	0.66	1.218
26	24	4,140	2,236	0.54	1.155	3,888	2,100	0.54	1.208	3,672	1,983	0.54	1.260
26	26	4,356	1,830	0.42	1.197	4,104	1,724	0.42	1.250	3,852	1,618	0.42	1.302
27	18	3,528	3,316	0.94	1.029	3,240	3,046	0.94	1.092	2,988	2,809	0.94	1.134
27	20	3,708	3,041	0.82	1.071	3,456	2,834	0.82	1.124	3,204	2,627	0.82	1.187
27	22	3,924	2,747	0.70	1.113	3,672	2,570	0.70	1.176	3,420	2,394	0.70	1.218
27	24	4,140	2,401	0.58	1.155	3,888	2,255	0.58	1.208	3,672	2,130	0.58	1.260
27	26	4,356	2,004	0.46	1.197	4,104	1,888	0.46	1.250	3,852	1,772	0.46	1.302
28	18	3,528	3,457	0.98	1.029	3,240	3,175	0.98	1.092	2,988	2,928	0.98	1.134
28	20	3,708	3,189	0.86	1.071	3,456	2,972	0.86	1.124	3,204	2,755	0.86	1.187
28	22	3,924	2,904	0.74	1.113	3,672	2,717	0.74	1.176	3,420	2,531	0.74	1.218
28	24	4,140	2,567	0.62	1.155	3,888	2,411	0.62	1.208	3,672	2,277	0.62	1.260
28	26	4,356	2,178	0.50	1.197	4,104	2,052	0.50	1.250	3,852	1,926	0.50	1.302
29	18	3,528	3,599	1.02	1.029	3,240	3,305	1.02	1.092	2,988	3,048	1.02	1.134
29	20	3,708	3,337	0.90	1.071	3,456	3,110	0.90	1.124	3,204	2,884	0.90	1.187
29	22	3,924	3,061	0.78	1.113	3,672	2,864	0.78	1.176	3,420	2,668	0.78	1.218
29	24	4,140	2,732	0.66	1.155	3,888	2,566	0.66	1.208	3,672	2,424	0.66	1.260
29	26	4,356	2,352	0.54	1.197	4,104	2,216	0.54	1.250	3,852	2,080	0.54	1.302
30	18	3,528	3,740	1.06	1.029	3,240	3,434	1.06	1.092	2,988	3,167	1.06	1.134
30	20	3,708	3,486	0.94	1.071	3,456	3,249	0.94	1.124	3,204	3,012	0.94	1.187
30	22	3,924	3,218	0.82	1.113	3,672	3,011	0.82	1.176	3,420	2,804	0.82	1.218
30	24	4,140	2,898	0.70	1.155	3,888	2,722	0.70	1.208	3,672	2,570	0.70	1.260
30	26	4,356	2,526	0.58	1.197	4,104	2,380	0.58	1.250	3,852	2,234	0.58	1.302
31	18	3,528	3,881	1.10	1.029	3,240	3,564	1.10	1.092	2,988	3,287	1.10	1.134
31	20	3,708	3,634	0.98	1.071	3,456	3,387	0.98	1.124	3,204	3,140	0.98	1.187
31	22	3,924	3,375	0.86	1.113	3,672	3,158	0.86	1.176	3,420	2,941	0.86	1.218
31	24	4,140	3,064	0.74	1.155	3,888	2,877	0.74	1.208	3,672	2,717	0.74	1.260
31	26	4,356	2,701	0.62	1.197	4,104	2,544	0.62	1.250	3,852	2,388	0.62	1.302
32	18	3,528	4,022	1.14	1.029	3,240	3,694	1.14	1.092	2,988	3,406	1.14	1.134
32	20	3,708	3,782	1.02	1.071	3,456	3,525	1.02	1.124	3,204	3,268	1.02	1.187
32	22	3,924	3,532	0.90	1.113	3,672	3,305	0.90	1.176	3,420	3,078	0.90	1.218
32	24	4,140	3,229	0.78	1.155	3,888	3,033	0.78	1.208	3,672	2,864	0.78	1.260
32	26	4,356	2,875	0.66	1.197	4,104	2,709	0.66	1.250	3,852	2,542	0.66	1.302

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP50KAQ / SUZ-KA50VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,875	3,584	0.61	1.240	5,625	3,431	0.61	1.302	5,400	3,294	0.61	1.364	5,200	3,172	0.61	1.426
21	20	6,125	3,001	0.49	1.302	5,875	2,879	0.49	1.380	5,700	2,793	0.49	1.411	5,500	2,695	0.49	1.473
22	18	5,875	3,819	0.65	1.240	5,625	3,656	0.65	1.302	5,400	3,510	0.65	1.364	5,200	3,380	0.65	1.426
22	20	6,125	3,246	0.53	1.302	5,875	3,114	0.53	1.380	5,700	3,021	0.53	1.411	5,500	2,915	0.53	1.473
22	22	6,375	2,614	0.41	1.349	6,150	2,522	0.41	1.434	6,000	2,460	0.41	1.473	5,750	2,358	0.41	1.535
23	18	5,875	4,054	0.69	1.240	5,625	3,881	0.69	1.302	5,400	3,726	0.69	1.364	5,200	3,588	0.69	1.426
23	20	6,125	3,491	0.57	1.302	5,875	3,349	0.57	1.380	5,700	3,249	0.57	1.411	5,500	3,135	0.57	1.473
23	22	6,375	2,869	0.45	1.349	6,150	2,768	0.45	1.434	6,000	2,700	0.45	1.473	5,750	2,588	0.45	1.535
24	18	5,875	4,289	0.73	1.240	5,625	4,106	0.73	1.302	5,400	3,942	0.73	1.364	5,200	3,796	0.73	1.426
24	20	6,125	3,736	0.61	1.302	5,875	3,584	0.61	1.380	5,700	3,477	0.61	1.411	5,500	3,355	0.61	1.473
24	22	6,375	3,124	0.49	1.349	6,150	3,014	0.49	1.434	6,000	2,940	0.49	1.473	5,750	2,818	0.49	1.535
24	24	6,700	2,479	0.37	1.411	6,450	2,387	0.37	1.488	6,300	2,331	0.37	1.535	6,100	2,257	0.37	1.612
25	20	6,125	3,981	0.65	1.302	5,875	3,819	0.65	1.380	5,700	3,705	0.65	1.411	5,500	3,575	0.65	1.473
25	22	6,375	3,379	0.53	1.349	6,150	3,260	0.53	1.434	6,000	3,180	0.53	1.473	5,750	3,048	0.53	1.535
25	24	6,700	2,747	0.41	1.411	6,450	2,645	0.41	1.488	6,300	2,583	0.41	1.535	6,100	2,501	0.41	1.612
26	18	5,875	4,759	0.81	1.240	5,625	4,556	0.81	1.302	5,400	4,374	0.81	1.364	5,200	4,212	0.81	1.426
26	20	6,125	4,226	0.69	1.302	5,875	4,054	0.69	1.380	5,700	3,933	0.69	1.411	5,500	3,795	0.69	1.473
26	22	6,375	3,634	0.57	1.349	6,150	3,506	0.57	1.434	6,000	3,420	0.57	1.473	5,750	3,278	0.57	1.535
26	24	6,700	3,015	0.45	1.411	6,450	2,903	0.45	1.488	6,300	2,835	0.45	1.535	6,100	2,745	0.45	1.612
26	26	6,900	2,277	0.33	1.488	6,700	2,211	0.33	1.566	6,600	2,178	0.33	1.612	6,400	2,112	0.33	1.659
27	18	5,875	4,994	0.85	1.240	5,625	4,781	0.85	1.302	5,400	4,590	0.85	1.364	5,200	4,420	0.85	1.426
27	20	6,125	4,471	0.73	1.302	5,875	4,289	0.73	1.380	5,700	4,161	0.73	1.411	5,500	4,015	0.73	1.473
27	22	6,375	3,889	0.61	1.349	6,150	3,752	0.61	1.434	6,000	3,660	0.61	1.473	5,750	3,508	0.61	1.535
27	24	6,700	3,283	0.49	1.411	6,450	3,161	0.49	1.488	6,300	3,087	0.49	1.535	6,100	2,989	0.49	1.612
27	26	6,900	2,553	0.37	1.488	6,700	2,479	0.37	1.566	6,600	2,442	0.37	1.612	6,400	2,368	0.37	1.659
28	18	5,875	5,229	0.89	1.240	5,625	5,006	0.89	1.302	5,400	4,806	0.89	1.364	5,200	4,628	0.89	1.426
28	20	6,125	4,716	0.77	1.302	5,875	4,524	0.77	1.380	5,700	4,389	0.77	1.411	5,500	4,235	0.77	1.473
28	22	6,375	4,144	0.65	1.349	6,150	3,998	0.65	1.434	6,000	3,900	0.65	1.473	5,750	3,738	0.65	1.535
28	24	6,700	3,551	0.53	1.411	6,450	3,419	0.53	1.488	6,300	3,339	0.53	1.535	6,100	3,233	0.53	1.612
28	26	6,900	2,829	0.41	1.488	6,700	2,747	0.41	1.566	6,600	2,706	0.41	1.612	6,400	2,624	0.41	1.659
29	18	5,875	5,464	0.93	1.240	5,625	5,231	0.93	1.302	5,400	5,022	0.93	1.364	5,200	4,836	0.93	1.426
29	20	6,125	4,961	0.81	1.302	5,875	4,759	0.81	1.380	5,700	4,617	0.81	1.411	5,500	4,455	0.81	1.473
29	22	6,375	4,399	0.69	1.349	6,150	4,244	0.69	1.434	6,000	4,140	0.69	1.473	5,750	3,968	0.69	1.535
29	24	6,700	3,819	0.57	1.411	6,450	3,677	0.57	1.488	6,300	3,591	0.57	1.535	6,100	3,477	0.57	1.612
29	26	6,900	3,105	0.45	1.488	6,700	3,015	0.45	1.566	6,600	2,970	0.45	1.612	6,400	2,880	0.45	1.659
30	18	5,875	5,699	0.97	1.240	5,625	5,456	0.97	1.302	5,400	5,238	0.97	1.364	5,200	5,044	0.97	1.426
30	20	6,125	5,206	0.85	1.302	5,875	4,994	0.85	1.380	5,700	4,845	0.85	1.411	5,500	4,675	0.85	1.473
30	22	6,375	4,654	0.73	1.349	6,150	4,490	0.73	1.434	6,000	4,380	0.73	1.473	5,750	4,198	0.73	1.535
30	24	6,700	4,087	0.61	1.411	6,450	3,935	0.61	1.488	6,300	3,843	0.61	1.535	6,100	3,721	0.61	1.612
30	26	6,900	3,381	0.49	1.488	6,700	3,283	0.49	1.566	6,600	3,234	0.49	1.612	6,400	3,136	0.49	1.659
31	18	5,875	5,934	1.01	1.240	5,625	5,681	1.01	1.302	5,400	5,454	1.01	1.364	5,200	5,252	1.01	1.426
31	20	6,125	5,451	0.89	1.302	5,875	5,229	0.89	1.380	5,700	5,073	0.89	1.411	5,500	4,895	0.89	1.473
31	22	6,375	4,909	0.77	1.349	6,150	4,736	0.77	1.434	6,000	4,620	0.77	1.473	5,750	4,428	0.77	1.535
31	24	6,700	4,355	0.65	1.411	6,450	4,193	0.65	1.488	6,300	4,095	0.65	1.535	6,100	3,965	0.65	1.612
31	26	6,900	3,657	0.53	1.488	6,700	3,551	0.53	1.566	6,600	3,498	0.53	1.612	6,400	3,392	0.53	1.659
32	18	5,875	6,169	1.05	1.240	5,625	5,906	1.05	1.302	5,400	5,670	1.05	1.364	5,200	5,460	1.05	1.426
32	20	6,125	5,696	0.93	1.302	5,875	5,464	0.93	1.380	5,700	5,301	0.93	1.411	5,500	5,115	0.93	1.473
32	22	6,375	5,164	0.81	1.349	6,150	4,982	0.81	1.434	6,000	4,860	0.81	1.473	5,750	4,658	0.81	1.535
32	24	6,700	4,623	0.69	1.411	6,450	4,451	0.69	1.488	6,300	4,347	0.69	1.535	6,100	4,209	0.69	1.612
32	26	6,900	3,933	0.57	1.488	6,700	3,819	0.57	1.566	6,600	3,762	0.57	1.612	6,400	3,648	0.57	1.659

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP50KAQ / SUZ-KA50VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,900	2,989	0.61	1.519	4,500	2,745	0.61	1.612	4,150	2,532	0.61	1.674
21	20	5,150	2,524	0.49	1.581	4,800	2,352	0.49	1.659	4,450	2,181	0.49	1.752
22	18	4,900	3,185	0.65	1.519	4,500	2,925	0.65	1.612	4,150	2,698	0.65	1.674
22	20	5,150	2,730	0.53	1.581	4,800	2,544	0.53	1.659	4,450	2,359	0.53	1.752
22	22	5,450	2,235	0.41	1.643	5,100	2,091	0.41	1.736	4,750	1,948	0.41	1.798
23	18	4,900	3,381	0.69	1.519	4,500	3,105	0.69	1.612	4,150	2,864	0.69	1.674
23	20	5,150	2,936	0.57	1.581	4,800	2,736	0.57	1.659	4,450	2,537	0.57	1.752
23	22	5,450	2,453	0.45	1.643	5,100	2,295	0.45	1.736	4,750	2,138	0.45	1.798
24	18	4,900	3,577	0.73	1.519	4,500	3,285	0.73	1.612	4,150	3,030	0.73	1.674
24	20	5,150	3,142	0.61	1.581	4,800	2,928	0.61	1.659	4,450	2,715	0.61	1.752
24	22	5,450	2,671	0.49	1.643	5,100	2,499	0.49	1.736	4,750	2,328	0.49	1.798
24	24	5,750	2,128	0.37	1.705	5,400	1,998	0.37	1.783	5,100	1,887	0.37	1.860
25	20	5,150	3,348	0.65	1.581	4,800	3,120	0.65	1.659	4,450	2,893	0.65	1.752
25	22	5,450	2,889	0.53	1.643	5,100	2,703	0.53	1.736	4,750	2,518	0.53	1.798
25	24	5,750	2,358	0.41	1.705	5,400	2,214	0.41	1.783	5,100	2,091	0.41	1.860
26	18	4,900	3,969	0.81	1.519	4,500	3,645	0.81	1.612	4,150	3,362	0.81	1.674
26	20	5,150	3,554	0.69	1.581	4,800	3,312	0.69	1.659	4,450	3,071	0.69	1.752
26	22	5,450	3,107	0.57	1.643	5,100	2,907	0.57	1.736	4,750	2,708	0.57	1.798
26	24	5,750	2,588	0.45	1.705	5,400	2,430	0.45	1.783	5,100	2,295	0.45	1.860
26	26	6,050	1,997	0.33	1.767	5,700	1,881	0.33	1.845	5,350	1,766	0.33	1.922
27	18	4,900	4,165	0.85	1.519	4,500	3,825	0.85	1.612	4,150	3,528	0.85	1.674
27	20	5,150	3,760	0.73	1.581	4,800	3,504	0.73	1.659	4,450	3,249	0.73	1.752
27	22	5,450	3,325	0.61	1.643	5,100	3,111	0.61	1.736	4,750	2,898	0.61	1.798
27	24	5,750	2,818	0.49	1.705	5,400	2,646	0.49	1.783	5,100	2,499	0.49	1.860
27	26	6,050	2,239	0.37	1.767	5,700	2,109	0.37	1.845	5,350	1,980	0.37	1.922
28	18	4,900	4,361	0.89	1.519	4,500	4,005	0.89	1.612	4,150	3,694	0.89	1.674
28	20	5,150	3,966	0.77	1.581	4,800	3,696	0.77	1.659	4,450	3,427	0.77	1.752
28	22	5,450	3,543	0.65	1.643	5,100	3,315	0.65	1.736	4,750	3,088	0.65	1.798
28	24	5,750	3,048	0.53	1.705	5,400	2,862	0.53	1.783	5,100	2,703	0.53	1.860
28	26	6,050	2,481	0.41	1.767	5,700	2,337	0.41	1.845	5,350	2,194	0.41	1.922
29	18	4,900	4,557	0.93	1.519	4,500	4,185	0.93	1.612	4,150	3,860	0.93	1.674
29	20	5,150	4,172	0.81	1.581	4,800	3,888	0.81	1.659	4,450	3,605	0.81	1.752
29	22	5,450	3,761	0.69	1.643	5,100	3,519	0.69	1.736	4,750	3,278	0.69	1.798
29	24	5,750	3,278	0.57	1.705	5,400	3,078	0.57	1.783	5,100	2,907	0.57	1.860
29	26	6,050	2,723	0.45	1.767	5,700	2,565	0.45	1.845	5,350	2,408	0.45	1.922
30	18	4,900	4,753	0.97	1.519	4,500	4,365	0.97	1.612	4,150	4,026	0.97	1.674
30	20	5,150	4,378	0.85	1.581	4,800	4,080	0.85	1.659	4,450	3,783	0.85	1.752
30	22	5,450	3,979	0.73	1.643	5,100	3,723	0.73	1.736	4,750	3,468	0.73	1.798
30	24	5,750	3,508	0.61	1.705	5,400	3,294	0.61	1.783	5,100	3,111	0.61	1.860
30	26	6,050	2,965	0.49	1.767	5,700	2,793	0.49	1.845	5,350	2,622	0.49	1.922
31	18	4,900	4,949	1.01	1.519	4,500	4,545	1.01	1.612	4,150	4,192	1.01	1.674
31	20	5,150	4,584	0.89	1.581	4,800	4,272	0.89	1.659	4,450	3,961	0.89	1.752
31	22	5,450	4,197	0.77	1.643	5,100	3,927	0.77	1.736	4,750	3,658	0.77	1.798
31	24	5,750	3,738	0.65	1.705	5,400	3,510	0.65	1.783	5,100	3,315	0.65	1.860
31	26	6,050	3,207	0.53	1.767	5,700	3,021	0.53	1.845	5,350	2,836	0.53	1.922
32	18	4,900	5,145	1.05	1.519	4,500	4,725	1.05	1.612	4,150	4,358	1.05	1.674
32	20	5,150	4,790	0.93	1.581	4,800	4,464	0.93	1.659	4,450	4,139	0.93	1.752
32	22	5,450	4,415	0.81	1.643	5,100	4,131	0.81	1.736	4,750	3,848	0.81	1.798
32	24	5,750	3,968	0.69	1.705	5,400	3,726	0.69	1.783	5,100	3,519	0.69	1.860
32	26	6,050	3,449	0.57	1.767	5,700	3,249	0.57	1.845	5,350	3,050	0.57	1.922

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP60KAQ / SUZ-KA60VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,698	4,219	0.63	1.376	6,413	4,040	0.63	1.445	6,156	3,878	0.63	1.514	5,928	3,735	0.63	1.582
21	20	6,983	3,561	0.51	1.445	6,698	3,416	0.51	1.531	6,498	3,314	0.51	1.565	6,270	3,198	0.51	1.634
22	18	6,698	4,487	0.67	1.376	6,413	4,296	0.67	1.445	6,156	4,125	0.67	1.514	5,928	3,972	0.67	1.582
22	20	6,983	3,840	0.55	1.445	6,698	3,684	0.55	1.531	6,498	3,574	0.55	1.565	6,270	3,449	0.55	1.634
22	22	7,268	3,125	0.43	1.496	7,011	3,015	0.43	1.591	6,840	2,941	0.43	1.634	6,555	2,819	0.43	1.703
23	18	6,698	4,755	0.71	1.376	6,413	4,553	0.71	1.445	6,156	4,371	0.71	1.514	5,928	4,209	0.71	1.582
23	20	6,983	4,120	0.59	1.445	6,698	3,952	0.59	1.531	6,498	3,834	0.59	1.565	6,270	3,699	0.59	1.634
23	22	7,268	3,416	0.47	1.496	7,011	3,295	0.47	1.591	6,840	3,215	0.47	1.634	6,555	3,081	0.47	1.703
24	18	6,698	5,023	0.75	1.376	6,413	4,809	0.75	1.445	6,156	4,617	0.75	1.514	5,928	4,446	0.75	1.582
24	20	6,983	4,399	0.63	1.445	6,698	4,219	0.63	1.531	6,498	4,094	0.63	1.565	6,270	3,950	0.63	1.634
24	22	7,268	3,706	0.51	1.496	7,011	3,576	0.51	1.591	6,840	3,488	0.51	1.634	6,555	3,343	0.51	1.703
24	24	7,638	2,979	0.39	1.565	7,353	2,868	0.39	1.651	7,182	2,801	0.39	1.703	6,954	2,712	0.39	1.789
25	20	6,983	4,678	0.67	1.445	6,698	4,487	0.67	1.531	6,498	4,354	0.67	1.565	6,270	4,201	0.67	1.634
25	22	7,268	3,997	0.55	1.496	7,011	3,856	0.55	1.591	6,840	3,762	0.55	1.634	6,555	3,605	0.55	1.703
25	24	7,638	3,284	0.43	1.565	7,353	3,162	0.43	1.651	7,182	3,088	0.43	1.703	6,954	2,990	0.43	1.789
26	18	6,698	5,559	0.83	1.376	6,413	5,322	0.83	1.445	6,156	5,109	0.83	1.514	5,928	4,920	0.83	1.582
26	20	6,983	4,958	0.71	1.445	6,698	4,755	0.71	1.531	6,498	4,614	0.71	1.565	6,270	4,452	0.71	1.634
26	22	7,268	4,288	0.59	1.496	7,011	4,136	0.59	1.591	6,840	4,036	0.59	1.634	6,555	3,867	0.59	1.703
26	24	7,638	3,590	0.47	1.565	7,353	3,456	0.47	1.651	7,182	3,376	0.47	1.703	6,954	3,268	0.47	1.789
26	26	7,866	2,753	0.35	1.651	7,638	2,673	0.35	1.737	7,524	2,633	0.35	1.789	7,296	2,554	0.35	1.840
27	18	6,698	5,827	0.87	1.376	6,413	5,579	0.87	1.445	6,156	5,356	0.87	1.514	5,928	5,157	0.87	1.582
27	20	6,983	5,237	0.75	1.445	6,698	5,023	0.75	1.531	6,498	4,874	0.75	1.565	6,270	4,703	0.75	1.634
27	22	7,268	4,579	0.63	1.496	7,011	4,417	0.63	1.591	6,840	4,309	0.63	1.634	6,555	4,130	0.63	1.703
27	24	7,638	3,895	0.51	1.565	7,353	3,750	0.51	1.651	7,182	3,663	0.51	1.703	6,954	3,547	0.51	1.789
27	26	7,866	3,068	0.39	1.651	7,638	2,979	0.39	1.737	7,524	2,934	0.39	1.789	7,296	2,845	0.39	1.840
28	18	6,698	6,095	0.91	1.376	6,413	5,835	0.91	1.445	6,156	5,602	0.91	1.514	5,928	5,394	0.91	1.582
28	20	6,983	5,516	0.79	1.445	6,698	5,291	0.79	1.531	6,498	5,133	0.79	1.565	6,270	4,953	0.79	1.634
28	22	7,268	4,869	0.67	1.496	7,011	4,697	0.67	1.591	6,840	4,583	0.67	1.634	6,555	4,392	0.67	1.703
28	24	7,638	4,201	0.55	1.565	7,353	4,044	0.55	1.651	7,182	3,950	0.55	1.703	6,954	3,825	0.55	1.789
28	26	7,866	3,382	0.43	1.651	7,638	3,284	0.43	1.737	7,524	3,235	0.43	1.789	7,296	3,137	0.43	1.840
29	18	6,698	6,363	0.95	1.376	6,413	6,092	0.95	1.445	6,156	5,848	0.95	1.514	5,928	5,632	0.95	1.582
29	20	6,983	5,795	0.83	1.445	6,698	5,559	0.83	1.531	6,498	5,393	0.83	1.565	6,270	5,204	0.83	1.634
29	22	7,268	5,160	0.71	1.496	7,011	4,978	0.71	1.591	6,840	4,856	0.71	1.634	6,555	4,654	0.71	1.703
29	24	7,638	4,506	0.59	1.565	7,353	4,338	0.59	1.651	7,182	4,237	0.59	1.703	6,954	4,103	0.59	1.789
29	26	7,866	3,697	0.47	1.651	7,638	3,590	0.47	1.737	7,524	3,536	0.47	1.789	7,296	3,429	0.47	1.840
30	18	6,698	6,631	0.99	1.376	6,413	6,348	0.99	1.445	6,156	6,094	0.99	1.514	5,928	5,869	0.99	1.582
30	20	6,983	6,075	0.87	1.445	6,698	5,827	0.87	1.531	6,498	5,653	0.87	1.565	6,270	5,455	0.87	1.634
30	22	7,268	5,451	0.75	1.496	7,011	5,258	0.75	1.591	6,840	5,130	0.75	1.634	6,555	4,916	0.75	1.703
30	24	7,638	4,812	0.63	1.565	7,353	4,632	0.63	1.651	7,182	4,525	0.63	1.703	6,954	4,381	0.63	1.789
30	26	7,866	4,012	0.51	1.651	7,638	3,895	0.51	1.737	7,524	3,837	0.51	1.789	7,296	3,721	0.51	1.840
31	18	6,698	6,898	1.03	1.376	6,413	6,605	1.03	1.445	6,156	6,341	1.03	1.514	5,928	6,106	1.03	1.582
31	20	6,983	6,354	0.91	1.445	6,698	6,095	0.91	1.531	6,498	5,913	0.91	1.565	6,270	5,706	0.91	1.634
31	22	7,268	5,741	0.79	1.496	7,011	5,539	0.79	1.591	6,840	5,404	0.79	1.634	6,555	5,178	0.79	1.703
31	24	7,638	5,117	0.67	1.565	7,353	4,927	0.67	1.651	7,182	4,812	0.67	1.703	6,954	4,659	0.67	1.789
31	26	7,866	4,326	0.55	1.651	7,638	4,201	0.55	1.737	7,524	4,138	0.55	1.789	7,296	4,013	0.55	1.840
32	18	6,698	7,166	1.07	1.376	6,413	6,861	1.07	1.445	6,156	6,587	1.07	1.514	5,928	6,343	1.07	1.582
32	20	6,983	6,633	0.95	1.445	6,698	6,363	0.95	1.531	6,498	6,173	0.95	1.565	6,270	5,957	0.95	1.634
32	22	7,268	6,032	0.83	1.496	7,011	5,819	0.83	1.591	6,840	5,677	0.83	1.634	6,555	5,441	0.83	1.703
32	24	7,638	5,423	0.71	1.565	7,353	5,221	0.71	1.651	7,182	5,099	0.71	1.703	6,954	4,937	0.71	1.789
32	26	7,866	4,641	0.59	1.651	7,638	4,506	0.59	1.737	7,524	4,439	0.59	1.789	7,296	4,305	0.59	1.840

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP60KAQ / SUZ-KA60VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,586	3,519	0.63	1.686	5,130	3,232	0.63	1.789	4,731	2,981	0.63	1.858
21	20	5,871	2,994	0.51	1.754	5,472	2,791	0.51	1.840	5,073	2,587	0.51	1.944
22	18	5,586	3,743	0.67	1.686	5,130	3,437	0.67	1.789	4,731	3,170	0.67	1.858
22	20	5,871	3,229	0.55	1.754	5,472	3,010	0.55	1.840	5,073	2,790	0.55	1.944
22	22	6,213	2,672	0.43	1.823	5,814	2,500	0.43	1.926	5,415	2,328	0.43	1.995
23	18	5,586	3,966	0.71	1.686	5,130	3,642	0.71	1.789	4,731	3,359	0.71	1.858
23	20	5,871	3,464	0.59	1.754	5,472	3,228	0.59	1.840	5,073	2,993	0.59	1.944
23	22	6,213	2,920	0.47	1.823	5,814	2,733	0.47	1.926	5,415	2,545	0.47	1.995
24	18	5,586	4,190	0.75	1.686	5,130	3,848	0.75	1.789	4,731	3,548	0.75	1.858
24	20	5,871	3,699	0.63	1.754	5,472	3,447	0.63	1.840	5,073	3,196	0.63	1.944
24	22	6,213	3,169	0.51	1.823	5,814	2,965	0.51	1.926	5,415	2,762	0.51	1.995
24	24	6,555	2,556	0.39	1.892	6,156	2,401	0.39	1.978	5,814	2,267	0.39	2.064
25	20	5,871	3,934	0.67	1.754	5,472	3,666	0.67	1.840	5,073	3,399	0.67	1.944
25	22	6,213	3,417	0.55	1.823	5,814	3,198	0.55	1.926	5,415	2,978	0.55	1.995
25	24	6,555	2,819	0.43	1.892	6,156	2,647	0.43	1.978	5,814	2,500	0.43	2.064
26	18	5,586	4,636	0.83	1.686	5,130	4,258	0.83	1.789	4,731	3,927	0.83	1.858
26	20	5,871	4,168	0.71	1.754	5,472	3,885	0.71	1.840	5,073	3,602	0.71	1.944
26	22	6,213	3,666	0.59	1.823	5,814	3,430	0.59	1.926	5,415	3,195	0.59	1.995
26	24	6,555	3,081	0.47	1.892	6,156	2,893	0.47	1.978	5,814	2,733	0.47	2.064
26	26	6,897	2,414	0.35	1.961	6,498	2,274	0.35	2.047	6,099	2,135	0.35	2.133
27	18	5,586	4,860	0.87	1.686	5,130	4,463	0.87	1.789	4,731	4,116	0.87	1.858
27	20	5,871	4,403	0.75	1.754	5,472	4,104	0.75	1.840	5,073	3,805	0.75	1.944
27	22	6,213	3,914	0.63	1.823	5,814	3,663	0.63	1.926	5,415	3,411	0.63	1.995
27	24	6,555	3,343	0.51	1.892	6,156	3,140	0.51	1.978	5,814	2,965	0.51	2.064
27	26	6,897	2,690	0.39	1.961	6,498	2,534	0.39	2.047	6,099	2,379	0.39	2.133
28	18	5,586	5,083	0.91	1.686	5,130	4,668	0.91	1.789	4,731	4,305	0.91	1.858
28	20	5,871	4,638	0.79	1.754	5,472	4,323	0.79	1.840	5,073	4,008	0.79	1.944
28	22	6,213	4,163	0.67	1.823	5,814	3,895	0.67	1.926	5,415	3,628	0.67	1.995
28	24	6,555	3,605	0.55	1.892	6,156	3,386	0.55	1.978	5,814	3,198	0.55	2.064
28	26	6,897	2,966	0.43	1.961	6,498	2,794	0.43	2.047	6,099	2,623	0.43	2.133
29	18	5,586	5,307	0.95	1.686	5,130	4,874	0.95	1.789	4,731	4,494	0.95	1.858
29	20	5,871	4,873	0.83	1.754	5,472	4,542	0.83	1.840	5,073	4,211	0.83	1.944
29	22	6,213	4,411	0.71	1.823	5,814	4,128	0.71	1.926	5,415	3,845	0.71	1.995
29	24	6,555	3,867	0.59	1.892	6,156	3,632	0.59	1.978	5,814	3,430	0.59	2.064
29	26	6,897	3,242	0.47	1.961	6,498	3,054	0.47	2.047	6,099	2,867	0.47	2.133
30	18	5,586	5,530	0.99	1.686	5,130	5,079	0.99	1.789	4,731	4,684	0.99	1.858
30	20	5,871	5,108	0.87	1.754	5,472	4,761	0.87	1.840	5,073	4,414	0.87	1.944
30	22	6,213	4,660	0.75	1.823	5,814	4,361	0.75	1.926	5,415	4,061	0.75	1.995
30	24	6,555	4,130	0.63	1.892	6,156	3,878	0.63	1.978	5,814	3,663	0.63	2.064
30	26	6,897	3,517	0.51	1.961	6,498	3,314	0.51	2.047	6,099	3,110	0.51	2.133
31	18	5,586	5,754	1.03	1.686	5,130	5,284	1.03	1.789	4,731	4,873	1.03	1.858
31	20	5,871	5,343	0.91	1.754	5,472	4,980	0.91	1.840	5,073	4,616	0.91	1.944
31	22	6,213	4,908	0.79	1.823	5,814	4,593	0.79	1.926	5,415	4,278	0.79	1.995
31	24	6,555	4,392	0.67	1.892	6,156	4,125	0.67	1.978	5,814	3,895	0.67	2.064
31	26	6,897	3,793	0.55	1.961	6,498	3,574	0.55	2.047	6,099	3,354	0.55	2.133
32	18	5,586	5,977	1.07	1.686	5,130	5,489	1.07	1.789	4,731	5,062	1.07	1.858
32	20	5,871	5,577	0.95	1.754	5,472	5,198	0.95	1.840	5,073	4,819	0.95	1.944
32	22	6,213	5,157	0.83	1.823	5,814	4,826	0.83	1.926	5,415	4,494	0.83	1.995
32	24	6,555	4,654	0.71	1.892	6,156	4,371	0.71	1.978	5,814	4,128	0.71	2.064
32	26	6,897	4,069	0.59	1.961	6,498	3,834	0.59	2.047	6,099	3,598	0.59	2.133

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP71KAQ / SUZ-KA71VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	4,839	0.58	1.653	7,988	4,633	0.58	1.735	7,668	4,447	0.58	1.818	7,384	4,283	0.58	1.901
21	20	8,698	4,001	0.46	1.735	8,343	3,838	0.46	1.839	8,094	3,723	0.46	1.880	7,810	3,593	0.46	1.963
22	18	8,343	5,172	0.62	1.653	7,988	4,952	0.62	1.735	7,668	4,754	0.62	1.818	7,384	4,578	0.62	1.901
22	20	8,698	4,349	0.50	1.735	8,343	4,171	0.50	1.839	8,094	4,047	0.50	1.880	7,810	3,905	0.50	1.963
22	22	9,053	3,440	0.38	1.797	8,733	3,319	0.38	1.911	8,520	3,238	0.38	1.963	8,165	3,103	0.38	2.045
23	18	8,343	5,506	0.66	1.653	7,988	5,272	0.66	1.735	7,668	5,061	0.66	1.818	7,384	4,873	0.66	1.901
23	20	8,698	4,697	0.54	1.735	8,343	4,505	0.54	1.839	8,094	4,371	0.54	1.880	7,810	4,217	0.54	1.963
23	22	9,053	3,802	0.42	1.797	8,733	3,668	0.42	1.911	8,520	3,578	0.42	1.963	8,165	3,429	0.42	2.045
24	18	8,343	5,840	0.70	1.653	7,988	5,591	0.70	1.735	7,668	5,368	0.70	1.818	7,384	5,169	0.70	1.901
24	20	8,698	5,045	0.58	1.735	8,343	4,839	0.58	1.839	8,094	4,695	0.58	1.880	7,810	4,530	0.58	1.963
24	22	9,053	4,164	0.46	1.797	8,733	4,017	0.46	1.911	8,520	3,919	0.46	1.963	8,165	3,756	0.46	2.045
24	24	9,514	3,235	0.34	1.880	9,159	3,114	0.34	1.983	8,946	3,042	0.34	2.045	8,662	2,945	0.34	2.149
25	20	8,698	5,392	0.62	1.735	8,343	5,172	0.62	1.839	8,094	5,018	0.62	1.880	7,810	4,842	0.62	1.963
25	22	9,053	4,526	0.50	1.797	8,733	4,367	0.50	1.911	8,520	4,260	0.50	1.963	8,165	4,083	0.50	2.045
25	24	9,514	3,615	0.38	1.880	9,159	3,480	0.38	1.983	8,946	3,399	0.38	2.045	8,662	3,292	0.38	2.149
26	18	8,343	6,507	0.78	1.653	7,988	6,230	0.78	1.735	7,668	5,981	0.78	1.818	7,384	5,760	0.78	1.901
26	20	8,698	5,740	0.66	1.735	8,343	5,506	0.66	1.839	8,094	5,342	0.66	1.880	7,810	5,155	0.66	1.963
26	22	9,053	4,888	0.54	1.797	8,733	4,716	0.54	1.911	8,520	4,601	0.54	1.963	8,165	4,409	0.54	2.045
26	24	9,514	3,996	0.42	1.880	9,159	3,847	0.42	1.983	8,946	3,757	0.42	2.045	8,662	3,638	0.42	2.149
26	26	9,798	2,939	0.30	1.983	9,514	2,854	0.30	2.087	9,372	2,812	0.30	2.149	9,088	2,726	0.30	2.211
27	18	8,343	6,841	0.82	1.653	7,988	6,550	0.82	1.735	7,668	6,288	0.82	1.818	7,384	6,055	0.82	1.901
27	20	8,698	6,088	0.70	1.735	8,343	5,840	0.70	1.839	8,094	5,666	0.70	1.880	7,810	5,467	0.70	1.963
27	22	9,053	5,250	0.58	1.797	8,733	5,065	0.58	1.911	8,520	4,942	0.58	1.963	8,165	4,736	0.58	2.045
27	24	9,514	4,376	0.46	1.880	9,159	4,213	0.46	1.983	8,946	4,115	0.46	2.045	8,662	3,985	0.46	2.149
27	26	9,798	3,331	0.34	1.983	9,514	3,235	0.34	2.087	9,372	3,186	0.34	2.149	9,088	3,090	0.34	2.211
28	18	8,343	7,175	0.86	1.653	7,988	6,869	0.86	1.735	7,668	6,594	0.86	1.818	7,384	6,350	0.86	1.901
28	20	8,698	6,436	0.74	1.735	8,343	6,173	0.74	1.839	8,094	5,990	0.74	1.880	7,810	5,779	0.74	1.963
28	22	9,053	5,613	0.62	1.797	8,733	5,414	0.62	1.911	8,520	5,282	0.62	1.963	8,165	5,062	0.62	2.045
28	24	9,514	4,757	0.50	1.880	9,159	4,580	0.50	1.983	8,946	4,473	0.50	2.045	8,662	4,331	0.50	2.149
28	26	9,798	3,723	0.38	1.983	9,514	3,615	0.38	2.087	9,372	3,561	0.38	2.149	9,088	3,453	0.38	2.211
29	18	8,343	7,508	0.90	1.653	7,988	7,189	0.90	1.735	7,668	6,901	0.90	1.818	7,384	6,646	0.90	1.901
29	20	8,698	6,784	0.78	1.735	8,343	6,507	0.78	1.839	8,094	6,313	0.78	1.880	7,810	6,092	0.78	1.963
29	22	9,053	5,975	0.66	1.797	8,733	5,764	0.66	1.911	8,520	5,623	0.66	1.963	8,165	5,389	0.66	2.045
29	24	9,514	5,138	0.54	1.880	9,159	4,946	0.54	1.983	8,946	4,831	0.54	2.045	8,662	4,677	0.54	2.149
29	26	9,798	4,115	0.42	1.983	9,514	3,996	0.42	2.087	9,372	3,936	0.42	2.149	9,088	3,817	0.42	2.211
30	18	8,343	7,842	0.94	1.653	7,988	7,508	0.94	1.735	7,668	7,208	0.94	1.818	7,384	6,941	0.94	1.901
30	20	8,698	7,132	0.82	1.735	8,343	6,841	0.82	1.839	8,094	6,637	0.82	1.880	7,810	6,404	0.82	1.963
30	22	9,053	6,337	0.70	1.797	8,733	6,113	0.70	1.911	8,520	5,964	0.70	1.963	8,165	5,716	0.70	2.045
30	24	9,514	5,518	0.58	1.880	9,159	5,312	0.58	1.983	8,946	5,189	0.58	2.045	8,662	5,024	0.58	2.149
30	26	9,798	4,507	0.46	1.983	9,514	4,376	0.46	2.087	9,372	4,311	0.46	2.149	9,088	4,180	0.46	2.211
31	18	8,343	8,176	0.98	1.653	7,988	7,828	0.98	1.735	7,668	7,515	0.98	1.818	7,384	7,236	0.98	1.901
31	20	8,698	7,480	0.86	1.735	8,343	7,175	0.86	1.839	8,094	6,961	0.86	1.880	7,810	6,717	0.86	1.963
31	22	9,053	6,699	0.74	1.797	8,733	6,462	0.74	1.911	8,520	6,305	0.74	1.963	8,165	6,042	0.74	2.045
31	24	9,514	5,899	0.62	1.880	9,159	5,679	0.62	1.983	8,946	5,547	0.62	2.045	8,662	5,370	0.62	2.149
31	26	9,798	4,899	0.50	1.983	9,514	4,757	0.50	2.087	9,372	4,686	0.50	2.149	9,088	4,544	0.50	2.211
32	18	8,343	8,509	1.02	1.653	7,988	8,147	1.02	1.735	7,668	7,821	1.02	1.818	7,384	7,532	1.02	1.901
32	20	8,698	7,828	0.90	1.735	8,343	7,508	0.90	1.839	8,094	7,285	0.90	1.880	7,810	7,029	0.90	1.963
32	22	9,053	7,061	0.78	1.797	8,733	6,812	0.78	1.911	8,520	6,646	0.78	1.963	8,165	6,369	0.78	2.045
32	24	9,514	6,279	0.66	1.880	9,159	6,045	0.66	1.983	8,946	5,904	0.66	2.045	8,662	5,717	0.66	2.149
32	26	9,798	5,291	0.54	1.983	9,514	5,138	0.54	2.087	9,372	5,061	0.54	2.149	9,088	4,908	0.54	2.211

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP71KAQ / SUZ-KA71VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,036	0.58	2.025	6,390	3,706	0.58	2.149	5,893	3,418	0.58	2.231
21	20	7,313	3,364	0.46	2.107	6,816	3,135	0.46	2.211	6,319	2,907	0.46	2.335
22	18	6,958	4,314	0.62	2.025	6,390	3,962	0.62	2.149	5,893	3,654	0.62	2.231
22	20	7,313	3,657	0.50	2.107	6,816	3,408	0.50	2.211	6,319	3,160	0.50	2.335
22	22	7,739	2,941	0.38	2.190	7,242	2,752	0.38	2.314	6,745	2,563	0.38	2.397
23	18	6,958	4,592	0.66	2.025	6,390	4,217	0.66	2.149	5,893	3,889	0.66	2.231
23	20	7,313	3,949	0.54	2.107	6,816	3,681	0.54	2.211	6,319	3,412	0.54	2.335
23	22	7,739	3,250	0.42	2.190	7,242	3,042	0.42	2.314	6,745	2,833	0.42	2.397
24	18	6,958	4,871	0.70	2.025	6,390	4,473	0.70	2.149	5,893	4,125	0.70	2.231
24	20	7,313	4,242	0.58	2.107	6,816	3,953	0.58	2.211	6,319	3,665	0.58	2.335
24	22	7,739	3,560	0.46	2.190	7,242	3,331	0.46	2.314	6,745	3,103	0.46	2.397
24	24	8,165	2,776	0.34	2.273	7,668	2,607	0.34	2.376	7,242	2,462	0.34	2.479
25	20	7,313	4,534	0.62	2.107	6,816	4,226	0.62	2.211	6,319	3,918	0.62	2.335
25	22	7,739	3,870	0.50	2.190	7,242	3,621	0.50	2.314	6,745	3,373	0.50	2.397
25	24	8,165	3,103	0.38	2.273	7,668	2,914	0.38	2.376	7,242	2,752	0.38	2.479
26	18	6,958	5,427	0.78	2.025	6,390	4,984	0.78	2.149	5,893	4,597	0.78	2.231
26	20	7,313	4,827	0.66	2.107	6,816	4,499	0.66	2.211	6,319	4,171	0.66	2.335
26	22	7,739	4,179	0.54	2.190	7,242	3,911	0.54	2.314	6,745	3,642	0.54	2.397
26	24	8,165	3,429	0.42	2.273	7,668	3,221	0.42	2.376	7,242	3,042	0.42	2.479
26	26	8,591	2,577	0.30	2.355	8,094	2,428	0.30	2.459	7,597	2,279	0.30	2.562
27	18	6,958	5,706	0.82	2.025	6,390	5,240	0.82	2.149	5,893	4,832	0.82	2.231
27	20	7,313	5,119	0.70	2.107	6,816	4,771	0.70	2.211	6,319	4,423	0.70	2.335
27	22	7,739	4,489	0.58	2.190	7,242	4,200	0.58	2.314	6,745	3,912	0.58	2.397
27	24	8,165	3,756	0.46	2.273	7,668	3,527	0.46	2.376	7,242	3,331	0.46	2.479
27	26	8,591	2,921	0.34	2.355	8,094	2,752	0.34	2.459	7,597	2,583	0.34	2.562
28	18	6,958	5,984	0.86	2.025	6,390	5,495	0.86	2.149	5,893	5,068	0.86	2.231
28	20	7,313	5,412	0.74	2.107	6,816	5,044	0.74	2.211	6,319	4,676	0.74	2.335
28	22	7,739	4,798	0.62	2.190	7,242	4,490	0.62	2.314	6,745	4,182	0.62	2.397
28	24	8,165	4,083	0.50	2.273	7,668	3,834	0.50	2.376	7,242	3,621	0.50	2.479
28	26	8,591	3,265	0.38	2.355	8,094	3,076	0.38	2.459	7,597	2,887	0.38	2.562
29	18	6,958	6,262	0.90	2.025	6,390	5,751	0.90	2.149	5,893	5,304	0.90	2.231
29	20	7,313	5,704	0.78	2.107	6,816	5,316	0.78	2.211	6,319	4,929	0.78	2.335
29	22	7,739	5,108	0.66	2.190	7,242	4,780	0.66	2.314	6,745	4,452	0.66	2.397
29	24	8,165	4,409	0.54	2.273	7,668	4,141	0.54	2.376	7,242	3,911	0.54	2.479
29	26	8,591	3,608	0.42	2.355	8,094	3,399	0.42	2.459	7,597	3,191	0.42	2.562
30	18	6,958	6,541	0.94	2.025	6,390	6,007	0.94	2.149	5,893	5,539	0.94	2.231
30	20	7,313	5,997	0.82	2.107	6,816	5,589	0.82	2.211	6,319	5,182	0.82	2.335
30	22	7,739	5,417	0.70	2.190	7,242	5,069	0.70	2.314	6,745	4,722	0.70	2.397
30	24	8,165	4,736	0.58	2.273	7,668	4,447	0.58	2.376	7,242	4,200	0.58	2.479
30	26	8,591	3,952	0.46	2.355	8,094	3,723	0.46	2.459	7,597	3,495	0.46	2.562
31	18	6,958	6,819	0.98	2.025	6,390	6,262	0.98	2.149	5,893	5,775	0.98	2.231
31	20	7,313	6,289	0.86	2.107	6,816	5,862	0.86	2.211	6,319	5,434	0.86	2.335
31	22	7,739	5,727	0.74	2.190	7,242	5,359	0.74	2.314	6,745	4,991	0.74	2.397
31	24	8,165	5,062	0.62	2.273	7,668	4,754	0.62	2.376	7,242	4,490	0.62	2.479
31	26	8,591	4,296	0.50	2.355	8,094	4,047	0.50	2.459	7,597	3,799	0.50	2.562
32	18	6,958	7,097	1.02	2.025	6,390	6,518	1.02	2.149	5,893	6,011	1.02	2.231
32	20	7,313	6,582	0.90	2.107	6,816	6,134	0.90	2.211	6,319	5,687	0.90	2.335
32	22	7,739	6,036	0.78	2.190	7,242	5,649	0.78	2.314	6,745	5,261	0.78	2.397
32	24	8,165	5,389	0.66	2.273	7,668	5,061	0.66	2.376	7,242	4,780	0.66	2.479
32	26	8,591	4,639	0.54	2.355	8,094	4,371	0.54	2.459	7,597	4,102	0.54	2.562

Note: Q : Capacity (W)
INPUT : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP100KAQ / PUHZ-P100VHA4, PUHZ-P100YHA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	6,235	0.67	2.50	9,024	6,046	0.67	2.64	8,742	5,857	0.67	2.80
20	18	9,964	5,480	0.55	2.55	9,682	5,325	0.55	2.69	9,353	5,144	0.55	2.88
20	20	10,716	4,608	0.43	2.63	10,481	4,507	0.43	2.75	10,199	4,386	0.43	2.94
22	16	9,306	6,980	0.75	2.50	9,024	6,768	0.75	2.64	8,742	6,557	0.75	2.80
22	18	9,964	6,277	0.63	2.55	9,682	6,100	0.63	2.69	9,353	5,892	0.63	2.88
22	20	10,716	5,465	0.51	2.63	10,481	5,345	0.51	2.75	10,199	5,201	0.51	2.94
24	16	9,306	7,724	0.83	2.50	9,024	7,490	0.83	2.64	8,742	7,256	0.83	2.80
24	18	9,964	7,074	0.71	2.55	9,682	6,874	0.71	2.69	9,353	6,641	0.71	2.88
24	20	10,716	6,322	0.59	2.63	10,481	6,184	0.59	2.75	10,199	6,017	0.59	2.94
24	22	11,421	5,368	0.47	2.69	11,186	5,257	0.47	2.85	10,904	5,125	0.47	3.04
26	16	9,306	8,468	0.91	2.50	9,024	8,212	0.91	2.64	8,742	7,955	0.91	2.80
26	18	9,964	7,872	0.79	2.55	9,682	7,649	0.79	2.69	9,353	7,389	0.79	2.88
26	20	10,716	7,180	0.67	2.63	10,481	7,022	0.67	2.75	10,199	6,833	0.67	2.94
26	22	11,421	6,282	0.55	2.69	11,186	6,152	0.55	2.85	10,904	5,997	0.55	3.04
27	16	9,306	8,841	0.95	2.50	9,024	8,573	0.95	2.64	8,742	8,305	0.95	2.80
27	18	9,964	8,270	0.83	2.55	9,682	8,036	0.83	2.69	9,353	7,763	0.83	2.88
27	20	10,716	7,608	0.71	2.63	10,481	7,442	0.71	2.75	10,199	7,241	0.71	2.94
27	22	11,421	6,738	0.59	2.69	11,186	6,600	0.59	2.85	10,904	6,433	0.59	3.04
28	16	9,306	9,213	0.99	2.50	9,024	8,934	0.99	2.64	8,742	8,655	0.99	2.80
28	18	9,964	8,669	0.87	2.55	9,682	8,423	0.87	2.69	9,353	8,137	0.87	2.88
28	20	10,716	8,037	0.75	2.63	10,481	7,861	0.75	2.75	10,199	7,649	0.75	2.94
28	22	11,421	7,195	0.63	2.69	11,186	7,047	0.63	2.85	10,904	6,870	0.63	3.04
30	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.80
30	18	9,964	9,466	0.95	2.55	9,682	9,198	0.95	2.69	9,353	8,885	0.95	2.88
30	20	10,716	8,894	0.83	2.63	10,481	8,699	0.83	2.75	10,199	8,465	0.83	2.94
30	22	11,421	8,109	0.71	2.69	11,186	7,942	0.71	2.85	10,904	7,742	0.71	3.04
32	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.80
32	18	9,964	9,964	1.00	2.55	9,682	9,682	1.00	2.69	9,353	9,353	1.00	2.88
32	20	10,716	9,752	0.91	2.63	10,481	9,538	0.91	2.75	10,199	9,281	0.91	2.94
32	22	11,421	9,023	0.79	2.69	11,186	8,837	0.79	2.85	10,904	8,614	0.79	3.04
34	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.80
34	18	9,964	9,964	1.00	2.55	9,682	9,682	1.00	2.69	9,353	9,353	1.00	2.88
34	20	10,716	10,609	0.99	2.63	10,481	10,376	0.99	2.75	10,199	10,097	0.99	2.94
34	22	11,421	9,936	0.87	2.69	11,186	9,732	0.87	2.85	10,904	9,486	0.87	3.04

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	5,605	0.67	3.00	7,990	5,353	0.67	3.22	7,614	5,101	0.67	3.49
20	18	9,024	4,963	0.55	3.08	8,742	4,808	0.55	3.32	8,178	4,498	0.55	3.57
20	20	9,776	4,204	0.43	3.16	9,400	4,042	0.43	3.38	8,836	3,799	0.43	3.63
22	16	8,366	6,275	0.75	3.00	7,990	5,993	0.75	3.22	7,614	5,711	0.75	3.49
22	18	9,024	5,685	0.63	3.08	8,742	5,507	0.63	3.32	8,178	5,152	0.63	3.57
22	20	9,776	4,986	0.51	3.16	9,400	4,794	0.51	3.38	8,836	4,506	0.51	3.63
24	16	8,366	6,944	0.83	3.00	7,990	6,632	0.83	3.22	7,614	6,320	0.83	3.49
24	18	9,024	6,407	0.71	3.08	8,742	6,207	0.71	3.32	8,178	5,806	0.71	3.57
24	20	9,776	5,768	0.59	3.16	9,400	5,546	0.59	3.38	8,836	5,213	0.59	3.63
24	22	10,528	4,948	0.47	3.22	10,152	4,771	0.47	3.47	9,588	4,506	0.47	3.69
26	16	8,366	7,613	0.91	3.00	7,990	7,271	0.91	3.22	7,614	6,929	0.91	3.49
26	18	9,024	7,129	0.79	3.08	8,742	6,906	0.79	3.32	8,178	6,461	0.79	3.57
26	20	9,776	6,550	0.67	3.16	9,400	6,298	0.67	3.38	8,836	5,920	0.67	3.63
26	22	10,528	5,790	0.55	3.22	10,152	5,584	0.55	3.47	9,588	5,273	0.55	3.69
27	16	8,366	7,948	0.95	3.00	7,990	7,591	0.95	3.22	7,614	7,233	0.95	3.49
27	18	9,024	7,490	0.83	3.08	8,742	7,256	0.83	3.32	8,178	6,788	0.83	3.57
27	20	9,776	6,941	0.71	3.16	9,400	6,674	0.71	3.38	8,836	6,274	0.71	3.63
27	22	10,528	6,212	0.59	3.22	10,152	5,990	0.59	3.47	9,588	5,657	0.59	3.69
28	16	8,366	8,282	0.99	3.00	7,990	7,910	0.99	3.22	7,614	7,538	0.99	3.49
28	18	9,024	7,851	0.87	3.08	8,742	7,606	0.87	3.32	8,178	7,115	0.87	3.57
28	20	9,776	7,332	0.75	3.16	9,400	7,050	0.75	3.38	8,836	6,627	0.75	3.63
28	22	10,528	6,633	0.63	3.22	10,152	6,396	0.63	3.47	9,588	6,040	0.63	3.69
30	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.22	7,614	7,614	1.00	3.49
30	18	9,024	8,573	0.95	3.08	8,742	8,305	0.95	3.32	8,178	7,769	0.95	3.57
30	20	9,776	8,114	0.83	3.16	9,400	7,802	0.83	3.38	8,836	7,334	0.83	3.63
30	22	10,528	7,475	0.71	3.22	10,152	7,208	0.71	3.47	9,588	6,807	0.71	3.69
32	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.22	7,614	7,614	1.00	3.49
32	18	9,024	9,024	1.00	3.08	8,742	8,742	1.00	3.32	8,178	8,178	1.00	3.57
32	20	9,776	8,896	0.91	3.16	9,400	8,554	0.91	3.38	8,836	8,041	0.91	3.63
32	22	10,528	8,317	0.79	3.22	10,152	8,020	0.79	3.47	9,588	7,575	0.79	3.69
34	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.22	7,614	7,614	1.00	3.49
34	18	9,024	9,024	1.00	3.08	8,742	8,742	1.00	3.32	8,178	8,178	1.00	3.57
34	20	9,776	9,678	0.99	3.16	9,400	9,306	0.99	3.38	8,836	8,748	0.99	3.63
34	22	10,528	9,159	0.87	3.22	10,152	8,832	0.87	3.47	9,588	8,342	0.87	3.69

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY

PCA-RP125KAQ / PUHZ-P125VHA3, PUHZ-P125YHA

(230V)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 20 CA	20 SHC	20 SHF	20 P.C.	25 CA	25 SHC	25 SHF	25 P.C.	30 CA	30 SHC	30 SHF	30 P.C.
20	16	12,177	7,550	0.62	3.27	11,808	7,321	0.62	3.46	11,439	7,092	0.62	3.66
20	18	13,038	6,519	0.50	3.33	12,669	6,335	0.50	3.52	12,239	6,119	0.50	3.76
20	20	14,022	5,328	0.38	3.44	13,715	5,212	0.38	3.60	13,346	5,071	0.38	3.84
22	16	12,177	8,524	0.70	3.27	11,808	8,266	0.70	3.46	11,439	8,007	0.70	3.66
22	18	13,038	7,562	0.58	3.33	12,669	7,348	0.58	3.52	12,239	7,098	0.58	3.76
22	20	14,022	6,450	0.46	3.44	13,715	6,309	0.46	3.60	13,346	6,139	0.46	3.84
24	16	12,177	9,498	0.78	3.27	11,808	9,210	0.78	3.46	11,439	8,922	0.78	3.66
24	18	13,038	8,605	0.66	3.33	12,669	8,362	0.66	3.52	12,239	8,077	0.66	3.76
24	20	14,022	7,572	0.54	3.44	13,715	7,406	0.54	3.60	13,346	7,207	0.54	3.84
24	22	14,945	6,277	0.42	3.52	14,637	6,148	0.42	3.72	14,268	5,993	0.42	3.97
26	16	12,177	10,472	0.86	3.27	11,808	10,155	0.86	3.46	11,439	9,838	0.86	3.66
26	18	13,038	9,648	0.74	3.33	12,669	9,375	0.74	3.52	12,239	9,056	0.74	3.76
26	20	14,022	8,694	0.62	3.44	13,715	8,503	0.62	3.60	13,346	8,274	0.62	3.84
26	22	14,945	7,472	0.50	3.52	14,637	7,319	0.50	3.72	14,268	7,134	0.50	3.97
27	16	12,177	10,959	0.90	3.27	11,808	10,627	0.90	3.46	11,439	10,295	0.90	3.66
27	18	13,038	10,170	0.78	3.33	12,669	9,882	0.78	3.52	12,239	9,546	0.78	3.76
27	20	14,022	9,255	0.66	3.44	13,715	9,052	0.66	3.60	13,346	8,808	0.66	3.84
27	22	14,945	8,070	0.54	3.52	14,637	7,904	0.54	3.72	14,268	7,705	0.54	3.97
28	16	12,177	11,446	0.94	3.27	11,808	11,100	0.94	3.46	11,439	10,753	0.94	3.66
28	18	13,038	10,691	0.82	3.33	12,669	10,389	0.82	3.52	12,239	10,036	0.82	3.76
28	20	14,022	9,815	0.70	3.44	13,715	9,600	0.70	3.60	13,346	9,342	0.70	3.84
28	22	14,945	8,668	0.58	3.52	14,637	8,489	0.58	3.72	14,268	8,275	0.58	3.97
30	16	12,177	12,177	1.00	3.27	11,808	11,808	1.00	3.46	11,439	11,439	1.00	3.66
30	18	13,038	11,734	0.90	3.33	12,669	11,402	0.90	3.52	12,239	11,015	0.90	3.76
30	20	14,022	10,937	0.78	3.44	13,715	10,697	0.78	3.60	13,346	10,409	0.78	3.84
30	22	14,945	9,863	0.66	3.52	14,637	9,660	0.66	3.72	14,268	9,417	0.66	3.97
32	16	12,177	12,177	1.00	3.27	11,808	11,808	1.00	3.46	11,439	11,439	1.00	3.66
32	18	13,038	12,777	0.98	3.33	12,669	12,416	0.98	3.52	12,239	11,994	0.98	3.76
32	20	14,022	12,059	0.86	3.44	13,715	11,794	0.86	3.60	13,346	11,477	0.86	3.84
32	22	14,945	11,059	0.74	3.52	14,637	10,831	0.74	3.72	14,268	10,558	0.74	3.97
34	16	12,177	12,177	1.00	3.27	11,808	11,808	1.00	3.46	11,439	11,439	1.00	3.66
34	18	13,038	13,038	1.00	3.33	12,669	12,669	1.00	3.52	12,239	12,239	1.00	3.76
34	20	14,022	13,181	0.94	3.44	13,715	12,892	0.94	3.60	13,346	12,545	0.94	3.84
34	22	14,945	12,254	0.82	3.52	14,637	12,002	0.82	3.72	14,268	11,700	0.82	3.97

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 35 CA	35 SHC	35 SHF	35 P.C.	40 CA	40 SHC	40 SHF	40 P.C.	45 CA	45 SHC	45 SHF	45 P.C.
20	16	10,947	6,787	0.62	3.93	10,455	6,482	0.62	4.21	9,963	6,177	0.62	4.56
20	18	11,808	5,904	0.50	4.03	11,439	5,720	0.50	4.34	10,701	5,351	0.50	4.66
20	20	12,792	4,861	0.38	4.13	12,300	4,674	0.38	4.42	11,562	4,394	0.38	4.74
22	16	10,947	7,663	0.70	3.93	10,455	7,319	0.70	4.21	9,963	6,974	0.70	4.56
22	18	11,808	6,849	0.58	4.03	11,439	6,635	0.58	4.34	10,701	6,207	0.58	4.66
22	20	12,792	5,884	0.46	4.13	12,300	5,658	0.46	4.42	11,562	5,319	0.46	4.74
24	16	10,947	8,539	0.78	3.93	10,455	8,155	0.78	4.21	9,963	7,771	0.78	4.56
24	18	11,808	7,793	0.66	4.03	11,439	7,550	0.66	4.34	10,701	7,063	0.66	4.66
24	20	12,792	6,908	0.54	4.13	12,300	6,642	0.54	4.42	11,562	6,243	0.54	4.74
24	22	13,776	5,786	0.42	4.21	13,284	5,579	0.42	4.54	12,546	5,269	0.42	4.83
26	16	10,947	9,414	0.86	3.93	10,455	8,991	0.86	4.21	9,963	8,568	0.86	4.56
26	18	11,808	8,738	0.74	4.03	11,439	8,465	0.74	4.34	10,701	7,919	0.74	4.66
26	20	12,792	7,931	0.62	4.13	12,300	7,626	0.62	4.42	11,562	7,168	0.62	4.74
26	22	13,776	6,888	0.50	4.21	13,284	6,642	0.50	4.54	12,546	6,273	0.50	4.83
27	16	10,947	9,852	0.90	3.93	10,455	9,410	0.90	4.21	9,963	8,967	0.90	4.56
27	18	11,808	9,210	0.78	4.03	11,439	8,922	0.78	4.34	10,701	8,347	0.78	4.66
27	20	12,792	8,443	0.66	4.13	12,300	8,118	0.66	4.42	11,562	7,631	0.66	4.74
27	22	13,776	7,439	0.54	4.21	13,284	7,173	0.54	4.54	12,546	6,775	0.54	4.83
28	16	10,947	10,290	0.94	3.93	10,455	9,828	0.94	4.21	9,963	9,365	0.94	4.56
28	18	11,808	9,683	0.82	4.03	11,439	9,380	0.82	4.34	10,701	8,775	0.82	4.66
28	20	12,792	8,954	0.70	4.13	12,300	8,610	0.70	4.42	11,562	8,093	0.70	4.74
28	22	13,776	7,990	0.58	4.21	13,284	7,705	0.58	4.54	12,546	7,277	0.58	4.83
30	16	10,947	10,947	1.00	3.93	10,455	10,455	1.00	4.21	9,963	9,963	1.00	4.56
30	18	11,808	10,627	0.90	4.03	11,439	10,295	0.90	4.34	10,701	9,631	0.90	4.66
30	20	12,792	9,978	0.78	4.13	12,300	9,594	0.78	4.42	11,562	9,018	0.78	4.74
30	22	13,776	9,092	0.66	4.21	13,284	8,767	0.66	4.54	12,546	8,280	0.66	4.83
32	16	10,947	10,947	1.00	3.93	10,455	10,455	1.00	4.21	9,963	9,963	1.00	4.56
32	18	11,808	11,572	0.98	4.03	11,439	11,210	0.98	4.34	10,701	10,487	0.98	4.66
32	20	12,792	11,001	0.86	4.13	12,300	10,578	0.86	4.42	11,562	9,943	0.86	4.74
32	22	13,776	10,194	0.74	4.21	13,284	9,830	0.74	4.54	12,546	9,284	0.74	4.83
34	16	10,947	10,947	1.00	3.93	10,455	10,455	1.00	4.21	9,963	9,963	1.00	4.56
34	18	11,808	11,808	1.00	4.03	11,439	11,439	1.00	4.34	10,701	10,701	1.00	4.66
34	20	12,792	12,024	0.94	4.13	12,300	11,562	0.94	4.42	11,562	10,868	0.94	4.74
34	22	13,776	11,296	0.82	4.21	13,284	10,893	0.82	4.54	12,546	10,288	0.82	4.83

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY

PCA-RP140KAQ / PUHZ-P140VHA3, PUHZ-P140YHA

(230V)

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,464	8,348	0.62	3.87	13,056	8,095	0.62	4.09	12,648	7,842	0.62	4.33
20	18	14,416	7,208	0.50	3.94	14,008	7,004	0.50	4.16	13,532	6,766	0.50	4.45
20	20	15,504	5,892	0.38	4.07	15,164	5,762	0.38	4.26	14,756	5,607	0.38	4.55
22	16	13,464	9,425	0.70	3.87	13,056	9,139	0.70	4.09	12,648	8,854	0.70	4.33
22	18	14,416	8,361	0.58	3.94	14,008	8,125	0.58	4.16	13,532	7,849	0.58	4.45
22	20	15,504	7,132	0.46	4.07	15,164	6,975	0.46	4.26	14,756	6,788	0.46	4.55
24	16	13,464	10,502	0.78	3.87	13,056	10,184	0.78	4.09	12,648	9,865	0.78	4.33
24	18	14,416	9,515	0.66	3.94	14,008	9,245	0.66	4.16	13,532	8,931	0.66	4.45
24	20	15,504	8,372	0.54	4.07	15,164	8,189	0.54	4.26	14,756	7,968	0.54	4.55
24	22	16,524	6,940	0.42	4.16	16,184	6,797	0.42	4.40	15,776	6,626	0.42	4.69
26	16	13,464	11,579	0.86	3.87	13,056	11,228	0.86	4.09	12,648	10,877	0.86	4.33
26	18	14,416	10,668	0.74	3.94	14,008	10,366	0.74	4.16	13,532	10,014	0.74	4.45
26	20	15,504	9,612	0.62	4.07	15,164	9,402	0.62	4.26	14,756	9,149	0.62	4.55
26	22	16,524	8,262	0.50	4.16	16,184	8,092	0.50	4.40	15,776	7,888	0.50	4.69
27	16	13,464	12,118	0.90	3.87	13,056	11,750	0.90	4.09	12,648	11,383	0.90	4.33
27	18	14,416	11,244	0.78	3.94	14,008	10,926	0.78	4.16	13,532	10,555	0.78	4.45
27	20	15,504	10,233	0.66	4.07	15,164	10,008	0.66	4.26	14,756	9,739	0.66	4.55
27	22	16,524	8,923	0.54	4.16	16,184	8,739	0.54	4.40	15,776	8,519	0.54	4.69
28	16	13,464	12,656	0.94	3.87	13,056	12,273	0.94	4.09	12,648	11,889	0.94	4.33
28	18	14,416	11,821	0.82	3.94	14,008	11,487	0.82	4.16	13,532	11,096	0.82	4.45
28	20	15,504	10,853	0.70	4.07	15,164	10,615	0.70	4.26	14,756	10,329	0.70	4.55
28	22	16,524	9,584	0.58	4.16	16,184	9,387	0.58	4.40	15,776	9,150	0.58	4.69
30	16	13,464	13,464	1.00	3.87	13,056	13,056	1.00	4.09	12,648	12,648	1.00	4.33
30	18	14,416	12,974	0.90	3.94	14,008	12,607	0.90	4.16	13,532	12,179	0.90	4.45
30	20	15,504	12,093	0.78	4.07	15,164	11,828	0.78	4.26	14,756	11,510	0.78	4.55
30	22	16,524	10,906	0.66	4.16	16,184	10,681	0.66	4.40	15,776	10,412	0.66	4.69
32	16	13,464	13,464	1.00	3.87	13,056	13,056	1.00	4.09	12,648	12,648	1.00	4.33
32	18	14,416	14,128	0.98	3.94	14,008	13,728	0.98	4.16	13,532	13,261	0.98	4.45
32	20	15,504	13,333	0.86	4.07	15,164	13,041	0.86	4.26	14,756	12,690	0.86	4.55
32	22	16,524	12,228	0.74	4.16	16,184	11,976	0.74	4.40	15,776	11,674	0.74	4.69
34	16	13,464	13,464	1.00	3.87	13,056	13,056	1.00	4.09	12,648	12,648	1.00	4.33
34	18	14,416	14,416	1.00	3.94	14,008	14,008	1.00	4.16	13,532	13,532	1.00	4.45
34	20	15,504	14,574	0.94	4.07	15,164	14,254	0.94	4.26	14,756	13,871	0.94	4.55
34	22	16,524	13,550	0.82	4.16	16,184	13,271	0.82	4.40	15,776	12,936	0.82	4.69

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,104	7,504	0.62	4.65	11,560	7,167	0.62	4.99	11,016	6,830	0.62	5.40
20	18	13,056	6,528	0.50	4.77	12,648	6,324	0.50	5.13	11,832	5,916	0.50	5.52
20	20	14,144	5,375	0.38	4.89	13,600	5,168	0.38	5.23	12,784	4,858	0.38	5.61
22	16	12,104	8,473	0.70	4.65	11,560	8,092	0.70	4.99	11,016	7,711	0.70	5.40
22	18	13,056	7,572	0.58	4.77	12,648	7,336	0.58	5.13	11,832	6,863	0.58	5.52
22	20	14,144	6,506	0.46	4.89	13,600	6,256	0.46	5.23	12,784	5,881	0.46	5.61
24	16	12,104	9,441	0.78	4.65	11,560	9,017	0.78	4.99	11,016	8,592	0.78	5.40
24	18	13,056	8,617	0.66	4.77	12,648	8,348	0.66	5.13	11,832	7,809	0.66	5.52
24	20	14,144	7,638	0.54	4.89	13,600	7,344	0.54	5.23	12,784	6,903	0.54	5.61
24	22	15,232	6,397	0.42	4.99	14,688	6,169	0.42	5.37	13,872	5,826	0.42	5.71
26	16	12,104	10,409	0.86	4.65	11,560	9,942	0.86	4.99	11,016	9,474	0.86	5.40
26	18	13,056	9,661	0.74	4.77	12,648	9,360	0.74	5.13	11,832	8,756	0.74	5.52
26	20	14,144	8,769	0.62	4.89	13,600	8,432	0.62	5.23	12,784	7,926	0.62	5.61
26	22	15,232	7,616	0.50	4.99	14,688	7,344	0.50	5.37	13,872	6,936	0.50	5.71
27	16	12,104	10,894	0.90	4.65	11,560	10,404	0.90	4.99	11,016	9,914	0.90	5.40
27	18	13,056	10,184	0.78	4.77	12,648	9,865	0.78	5.13	11,832	9,229	0.78	5.52
27	20	14,144	9,335	0.66	4.89	13,600	8,976	0.66	5.23	12,784	8,437	0.66	5.61
27	22	15,232	8,225	0.54	4.99	14,688	7,932	0.54	5.37	13,872	7,491	0.54	5.71
28	16	12,104	11,378	0.94	4.65	11,560	10,866	0.94	4.99	11,016	10,355	0.94	5.40
28	18	13,056	10,706	0.82	4.77	12,648	10,371	0.82	5.13	11,832	9,702	0.82	5.52
28	20	14,144	9,901	0.70	4.89	13,600	9,520	0.70	5.23	12,784	8,949	0.70	5.61
28	22	15,232	8,835	0.58	4.99	14,688	8,519	0.58	5.37	13,872	8,046	0.58	5.71
30	16	12,104	12,104	1.00	4.65	11,560	11,560	1.00	4.99	11,016	11,016	1.00	5.40
30	18	13,056	11,750	0.90	4.77	12,648	11,383	0.90	5.13	11,832	10,649	0.90	5.52
30	20	14,144	11,032	0.78	4.89	13,600	10,608	0.78	5.23	12,784	9,972	0.78	5.61
30	22	15,232	10,053	0.66	4.99	14,688	9,694	0.66	5.37	13,872	9,156	0.66	5.71
32	16	12,104	12,104	1.00	4.65	11,560	11,560	1.00	4.99	11,016	11,016	1.00	5.40
32	18	13,056	12,795	0.98	4.77	12,648	12,395	0.98	5.13	11,832	11,595	0.98	5.52
32	20	14,144	12,164	0.86	4.89	13,600	11,696	0.86	5.23	12,784	10,994	0.86	5.61
32	22	15,232	11,272	0.74	4.99	14,688	10,869	0.74	5.37	13,872	10,265	0.74	5.71
34	16	12,104	12,104	1.00	4.65	11,560	11,560	1.00	4.99	11,016	11,016	1.00	5.40
34	18	13,056	13,056	1.00	4.77	12,648	12,648	1.00	5.13	11,832	11,832	1.00	5.52
34	20	14,144	13,295	0.94	4.89	13,600	12,784	0.94	5.23	12,784	12,017	0.94	5.61
34	22	15,232	12,490	0.82	4.99	14,688	12,044	0.82	5.37	13,872	11,375	0.82	5.71

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

HEATING CAPACITY

PCA-RP·KAQ / PUHZ-ZRP·VHA, PUHZ-ZRP-VKA,PUHZ-ZRP·VKA2, PUHZ-ZRP·YKA2

(230V)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-RP35KAQ	15	2,604	0.60	2,829	0.66	3,157	0.77	4,141	0.92	4,674	1.02	5,207	1.10
	20	2,501	0.65	2,706	0.71	2,993	0.83	3,998	0.99	4,510	1.10	5,023	1.18
	25	2,419	0.69	2,624	0.78	2,870	0.90	3,772	1.05	4,346	1.18	4,838	1.27
PCA-RP50KAQ	15	3,493	0.86	3,795	0.94	4,235	1.09	5,555	1.31	6,270	1.45	6,985	1.57
	20	3,355	0.93	3,630	1.02	4,015	1.17	5,363	1.41	6,050	1.57	6,738	1.68
	25	3,245	0.99	3,520	1.10	3,850	1.28	5,060	1.49	5,830	1.67	6,490	1.81
PCA-RP60KAQ	15	4,445	1.14	4,830	1.25	5,390	1.45	7,070	1.74	7,980	1.93	8,890	2.08
	20	4,270	1.24	4,620	1.35	5,110	1.56	6,825	1.87	7,700	2.08	8,575	2.24
	25	4,130	1.31	4,480	1.47	4,900	1.70	6,440	1.99	7,420	2.23	8,260	2.40
PCA-RP71KAQ	15	5,080	1.30	5,520	1.43	6,160	1.65	8,080	1.98	9,120	2.20	10,160	2.38
	20	4,880	1.41	5,280	1.54	5,840	1.78	7,800	2.13	8,800	2.38	9,800	2.55
	25	4,720	1.50	5,120	1.67	5,600	1.94	7,360	2.27	8,480	2.54	9,440	2.74
PCA-RP100KAQ	15	7,112	1.79	7,728	1.98	8,624	2.28	11,312	2.74	12,768	3.04	14,224	3.28
	20	6,832	1.95	7,392	2.13	8,176	2.46	10,920	2.95	12,320	3.28	13,720	3.53
	25	6,608	2.07	7,168	2.31	7,840	2.68	10,304	3.13	11,872	3.51	13,216	3.78
PCA-RP125KAQ	15	8,890	2.24	9,660	2.47	10,780	2.85	14,140	3.42	15,960	3.80	17,780	4.10
	20	8,540	2.43	9,240	2.66	10,220	3.08	13,650	3.69	15,400	4.10	17,150	4.41
	25	8,260	2.58	8,960	2.89	9,800	3.34	12,880	3.91	14,840	4.39	16,520	4.73
PCA-RP140KAQ	15	10,160	2.70	11,040	2.97	12,320	3.43	16,160	4.11	18,240	4.57	20,320	4.94
	20	9,760	2.92	10,560	3.20	11,680	3.70	15,600	4.43	17,600	4.94	19,600	5.30
	25	9,440	3.11	10,240	3.47	11,200	4.02	14,720	4.71	16,960	5.28	18,880	5.69

Note: CA : Capacity (W) P.C. : Total power input (kW)

PCA-RP·KAQ / PUHZ-FRP·VHA

(230V)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-RP71KAQ	15	5,080	1.33	5,520	1.47	6,160	1.70	8,080	2.03	9,120	2.26	10,160	2.44
	21	4,880	1.45	5,280	1.58	5,840	1.83	7,800	2.19	8,800	2.44	9,800	2.62
	26	4,720	1.54	5,120	1.72	5,600	1.99	7,360	2.33	8,480	2.61	9,440	2.81

Note: CA : Capacity (W) P.C. : Total power input (kW)

PCA-RP·KAQ / SUZ-KA·VA5

(230V)

	Indoor intake air DB°C	Outdoor intake air WB°C															
		-15		-10		-5		0		5		10		15		20	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-RP35KAQ	15	2,050	0.59	2,583	0.73	3,116	0.88	3,649	0.99	4,182	1.07	4,715	1.14	5,207	1.18	5,740	1.20
	21	1,927	0.63	2,460	0.79	2,952	0.94	3,485	1.04	3,977	1.12	4,510	1.18	5,002	1.21	5,515	1.25
	26	1,681	0.68	2,214	0.85	2,747	0.99	3,239	1.10	3,772	1.18	4,305	1.23	4,797	1.27	5,330	1.30
PCA-RP50KAQ	15	2,750	0.79	3,465	0.99	4,180	1.19	4,895	1.34	5,610	1.44	6,325	1.54	6,985	1.58	7,700	1.61
	21	2,585	0.84	3,300	1.06	3,960	1.26	4,675	1.40	5,335	1.50	6,050	1.58	6,710	1.63	7,398	1.69
	26	2,255	0.91	2,970	1.14	3,685	1.34	4,345	1.47	5,060	1.58	5,775	1.66	6,435	1.70	7,150	1.75
PCA-RP60KAQ	15	3,450	1.024	4,347	1.281	5,244	1.537	6,141	1.734	7,038	1.872	7,935	1.990	8,763	2.049	9,660	2.088
	21	3,243	1.091	4,140	1.379	4,968	1.635	5,865	1.812	6,693	1.950	7,590	2.049	8,418	2.108	9,281	2.187
	26	2,829	1.182	3,726	1.478	4,623	1.734	5,451	1.911	6,348	2.049	7,245	2.147	8,073	2.206	8,970	2.266
PCA-RP71KAQ	15	3,950	1.13	4,977	1.42	6,004	1.70	7,031	1.92	8,058	2.07	9,085	2.20	10,033	2.27	11,060	2.31
	21	3,713	1.21	4,740	1.53	5,688	1.81	6,715	2.01	7,663	2.16	8,690	2.27	9,638	2.33	10,626	2.42
	26	3,239	1.31	4,266	1.64	5,293	1.92	6,241	2.11	7,268	2.27	8,295	2.38	9,243	2.44	10,270	2.51

Note: CA : Capacity (W) P.C. : Total power input (kW)

PCA-RP·KAQ / PUHZ-P·VHA3, PUHZ-P·VHA4, PUHZ-P·YHA, PUHZ-P·YHA2

(230V)

	Indoor intake air DB°C	Outdoor intake air W.B.(°C)											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-RP100KAQ	15	7,112	1.94	7,728	2.13	8,624	2.46	11,312	2.95	12,768	3.28	14,224	3.54
	20	6,832	2.10	7,392	2.30	8,176	2.66	10,920	3.18	12,320	3.54	13,720	3.80
	25	6,608	2.23	7,168	2.49	7,840	2.89	10,304	3.38	11,872	3.79	13,216	4.08
PCA-RP125KAQ	15	8,890	2.43	9,660	2.68	10,780	3.09	14,140	3.71	15,960	4.12	17,780	4.45
	20	8,540	2.64	9,240	2.88	10,220	3.34	13,650	4.00	15,400	4.45	17,150	4.78
	25	8,260	2.80	8,960	3.13	9,800	3.63	12,880	4.24	14,840	4.76	16,520	5.13
PCA-RP140KAQ	15	10,160	2.77	11,040	3.05	12,320	3.52	16,160	4.22	18,240	4.69	20,320	5.07
	20	9,760	3.00	10,560	3.28	11,680	3.80	15,600	4.55	17,600	5.07	19,600	5.44
	25	9,440	3.19	10,240	3.56	11,200	4.13	14,720	4.83	16,960	5.42	18,880	5.84

Note: CA : Capacity (W) P.C. : Total power input (kW)

A.3.6 FRESH AIR INTAKE

FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS

■ PCA-RP35,50KAQ



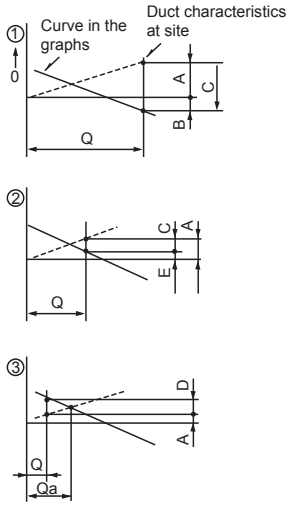
■ PCA-RP60, 71KAQ



■ PCA-RP100, 125, 140KAQ



How to read curves

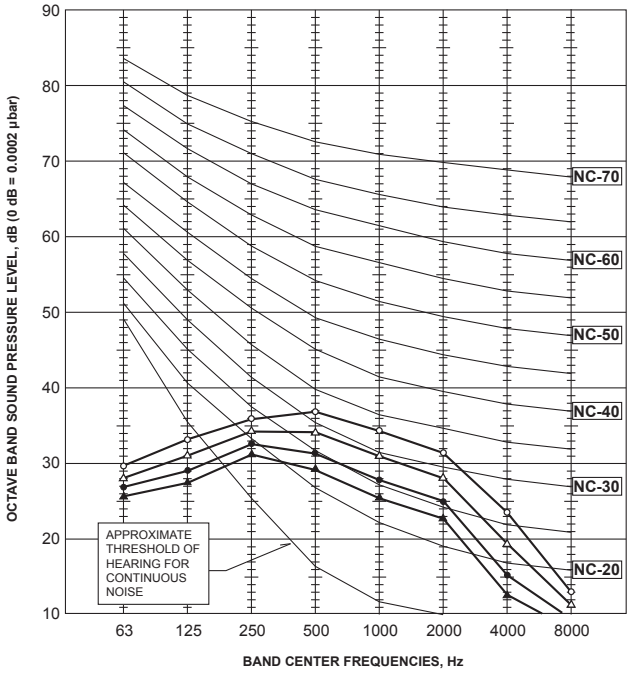


Q···Designed amount of fresh air intake <m³/min>
A···Static pressure loss of fresh air intake duct system with airflow amount Q <Pa>
B···Forced static pressure at air conditioner inlet with airflow amount Q <Pa>
C···Static pressure of booster fan with airflow amount Q <Pa>
D···Static pressure loss increase amount of fresh air intake duct system for airflow amount Q <Pa>
E···Static pressure of indoor unit with airflow amount Q <Pa>
Qa···Estimated amount of fresh air intake without D <m³/min>

A.3.7 NOISE CRITERIA CURVES

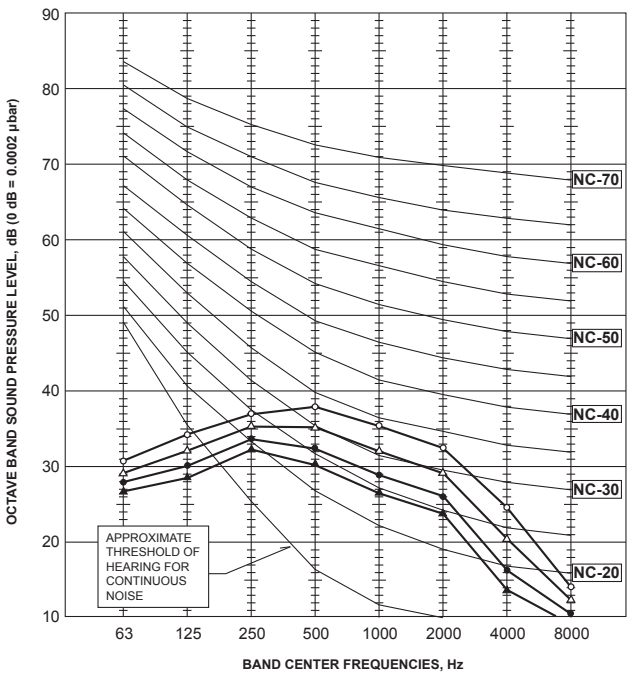
PCA-RP35KAQ

NOTCH	SPL(dB)	LINE
High	39	
Medium1	36	
Medium2	33	
Low	31	



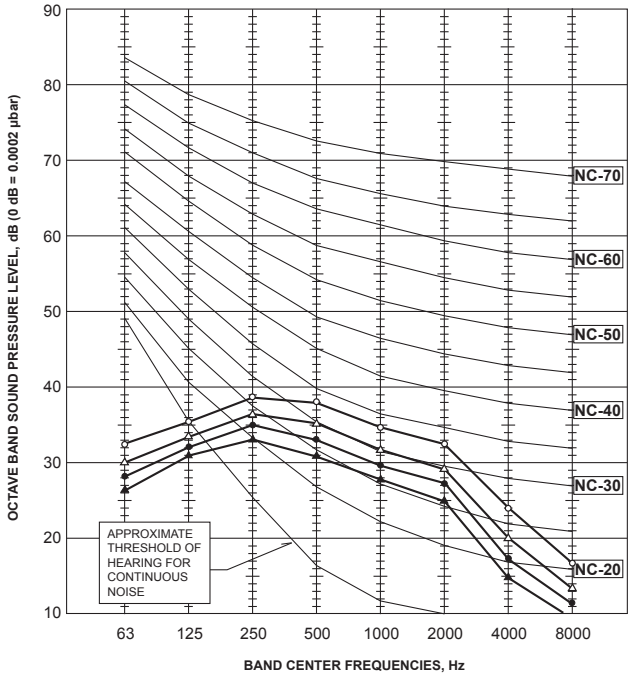
PCA-RP50KAQ

NOTCH	SPL(dB)	LINE
High	40	
Medium1	37	
Medium2	34	
Low	32	



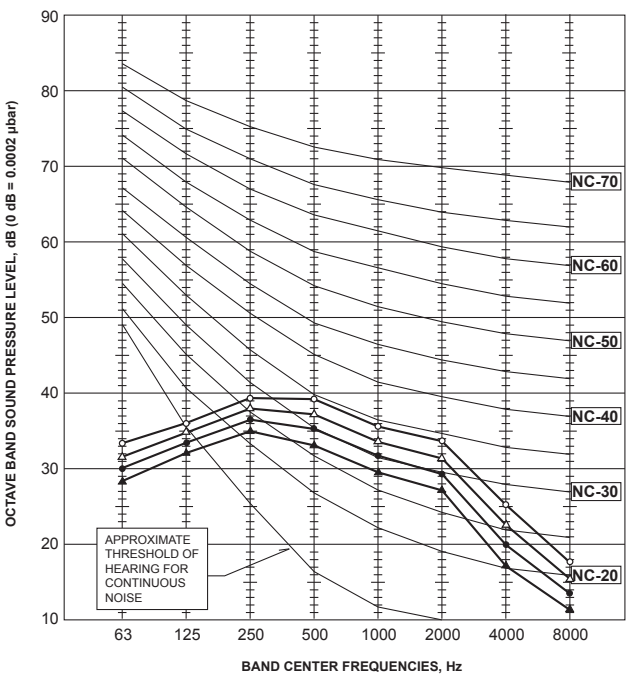
PCA-RP60KAQ

NOTCH	SPL(dB)	LINE
High	40	
Medium1	37	
Medium2	35	
Low	33	



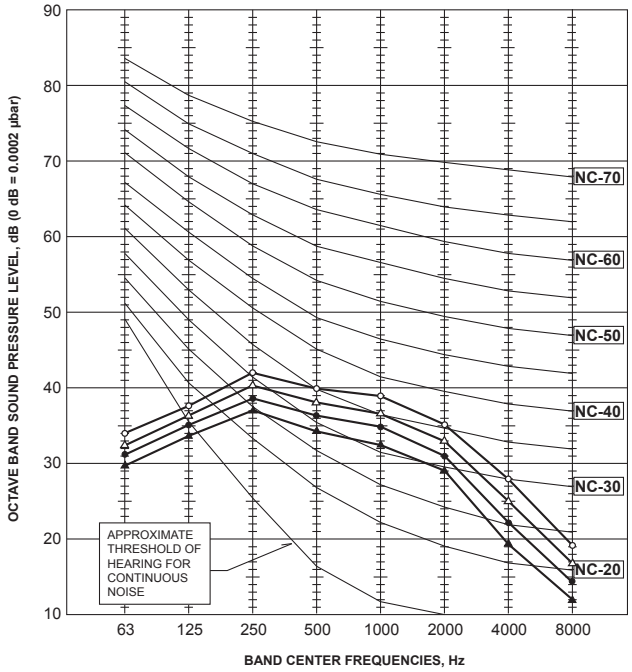
PCA-RP71KAQ

NOTCH	SPL(dB)	LINE
High	41	
Medium1	39	
Medium2	37	
Low	35	



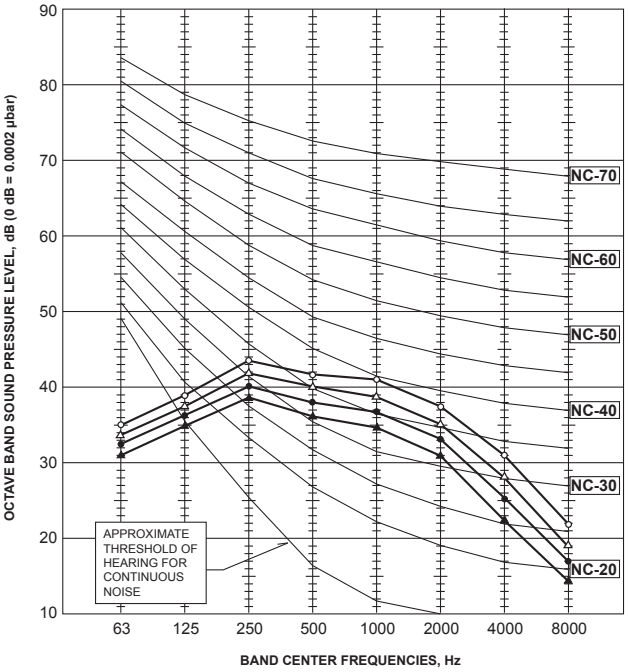
PCA-RP100KAQ

NOTCH	SPL(dB)	LINE
High	43	
Medium1	41	
Medium2	39	
Low	37	



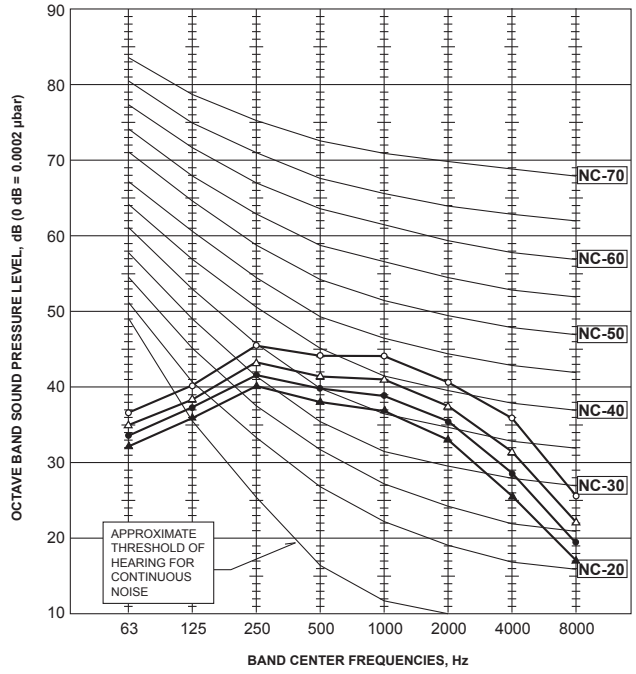
PCA-RP125KAQ

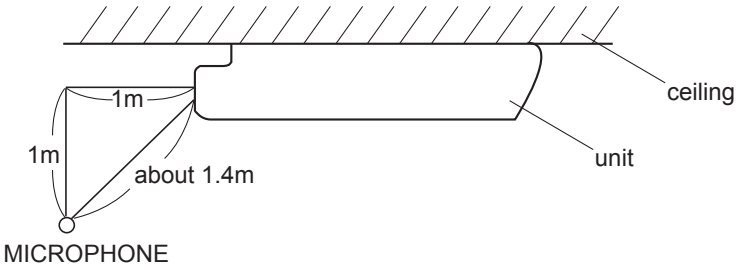
NOTCH	SPL(dB)	LINE
High	45	
Medium1	43	
Medium2	41	
Low	39	



PCA-RP140KAQ

NOTCH	SPL(dB)	LINE
High	48	
Medium1	45	
Medium2	43	
Low	41	



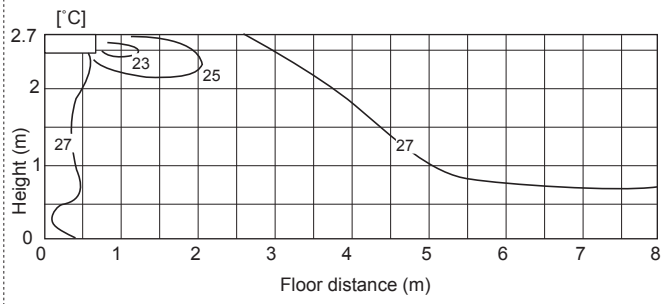


A.3.8 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

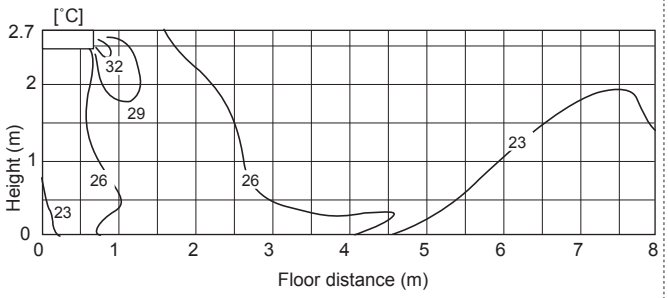
Temperature distributions

PCA-RP71KAQ

<Cooling mode>
Flow angle : 10˚
Temperature setting : 27˚C
High notch

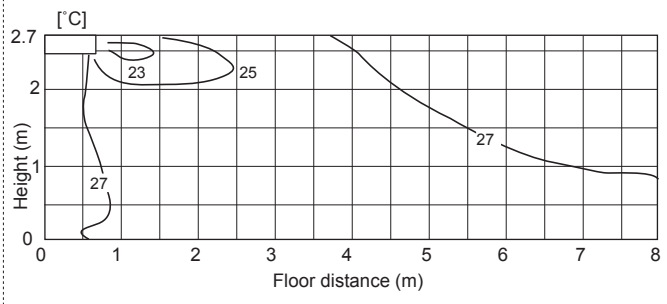


<Heating mode>
Flow angle : 60˚
Temperature setting : 20˚C
High notch

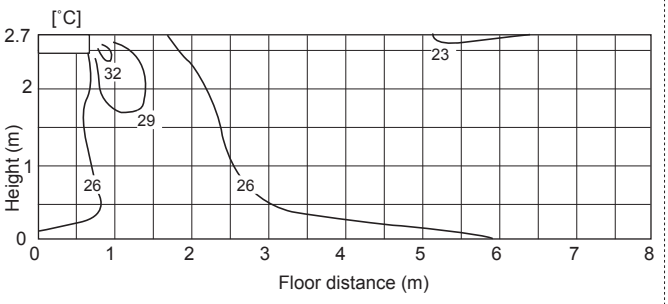


PCA-RP125KAQ

<Cooling mode>
Flow angle : 10˚
Temperature setting : 27˚C
High notch



<Heating mode>
Flow angle : 60˚
Temperature setting : 20˚C
High notch

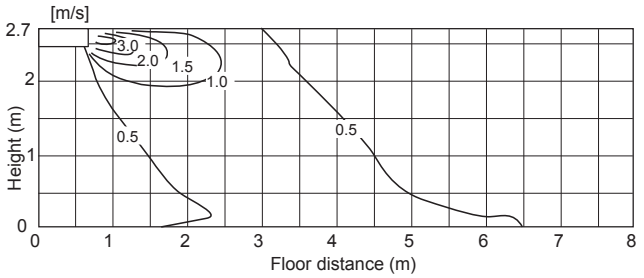


Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ fom these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

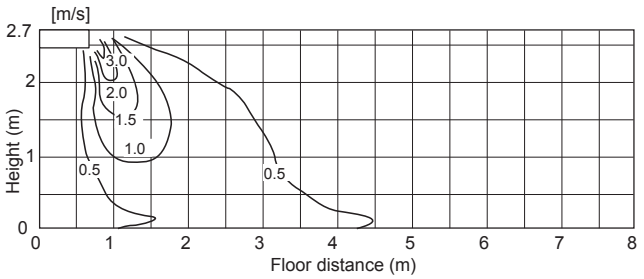
Airflow distributions

PCA-RP71KAQ

<Cooling mode>
Flow angle : 10˚
Temperature setting : 27˚C
High notch
Ceiling height : 2.7m

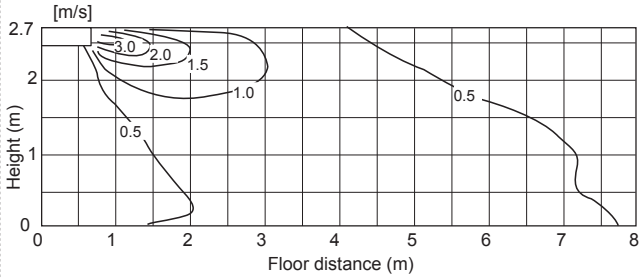


<Heating mode>
Flow angle : 60˚
Temperature setting : 20˚C
High notch
Ceiling height : 2.7m

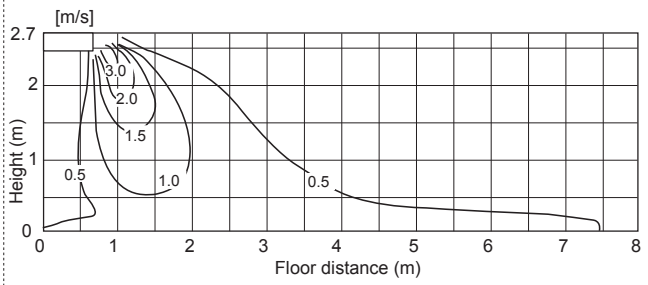


PCA-RP125KAQ

<Cooling mode>
Flow angle : 10˚
Temperature setting : 27˚C
High notch
Ceiling height : 2.7m



<Heating mode>
Flow angle : 60˚
Temperature setting : 20˚C
High notch
Ceiling height : 2.7m



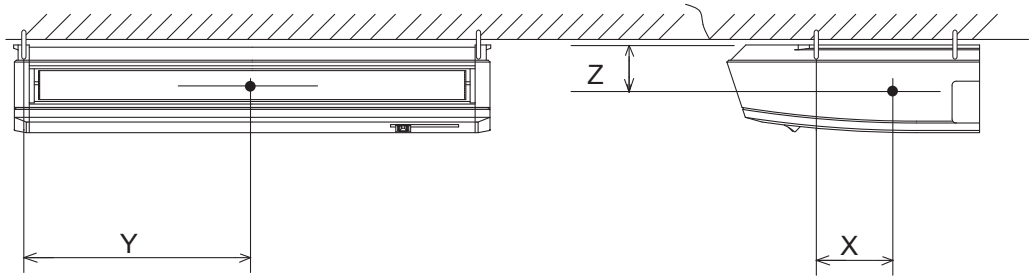
Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

A.3.9 OUTLET AIR SPEED AND COVERAGE RANGE

		PCA-RP35KAQ	PCA-RP50KAQ	PCA-RP60KAQ	PCA-RP71KAQ	PCA-RP100KAQ	PCA-RP125KAQ	PCA-RP140KAQ
Air flow	m^3/min	14	15	19	20	28	29	32
Air speed	m/sec	3.1	3.3	3.1	3.2	3.6	3.7	4.1
Coverage range	m	8.4	9.0	9.6	10.1	12.5	12.9	14.2

※ The air coverage range is the distance to which the 0.25m/sec air can reach,when air is blown out horizontally from the unit at the High notch position.
The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.3.10 CENTER OF GRAVITY POSITION



[Unit: mm]

Model	X	Y	Z
PCA-RP35KAQ	110	450	115
PCA-RP50KAQ	110	450	115
PCA-RP60KAQ	110	610	115
PCA-RP71KAQ	110	610	115
PCA-RP100KAQ	110	770	115
PCA-RP125KAQ	110	770	115
PCA-RP140KAQ	110	770	115

A.4 CEILING-SUSPENDED for Professional kitchens (PCA)

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A.4.1 SPECIFICATIONS

A.4.1.1 INVERTER MODELS Heat pump type

1. Power Inverter SERIES

Model Name	Indoor Unit				PCA-RP71HAQ
	Outdoor Unit				PUHZ-ZRP71VHA
Power Supply				Source	Outdoor power supply
	Out			V	230
				Phase	Single
				Hz	50
	In			V	-
				Phase	-
				Hz	-
Refrigerant					R410A
Cooling	Capacity	Rated		kW	7.1
		Max.		kW	8.1
		Min.		kW	3.3
	SHF	Rated			0.74
	Total Input	Rated		kW	2.17
	EER				3.27
	Annual Electricity Consumption			kWh/a	447
	SEER				5.6
		Energy efficiency class			A+
Heating	Capacity	Rated		kW	7.6
		Max.		kW	10.2
		Min.		kW	3.5
	Total Input	Rated		kW	2.35
	COP				3.23
	Annual Electricity Consumption			kWh/a	1751
	SCOP				3.8
		Energy efficiency class			A
Operating Current(max)				A	19.4
Indoor Unit	Input	Rated		kW	0.090
	Operating Current(max)			A	0.43
	Dimensions		Height	mm	280
			Width	mm	1136
			Depth	mm	650
	Weight			kg	41
	Air Volume		Low	m³/min.	17.0
			Mid2	m³/min.	-
			Mid	m³/min.	-
			Hi	m³/min.	19.0
	External Static Pressure			Pa	-
	Sound Level (SPL)		Low	dB(A)	34
			Mid2	dB(A)	-
			Mid	dB(A)	-
			Hi	dB(A)	38
	Sound Level (PWL)	Cooling			56
Outdoor Unit	Dimensions		Height	mm	943
			Width	mm	950
			Depth	mm	330 (+30)
	Weight			kg	67
	Air Volume	Cooling	Rated	m³/min.	55.0
		Heating	Rated	m³/min.	55.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	44
		Heating	Rated	dB(A)	48
	Sound Level (PWL)	Cooling			67
	Operating Current(max)			A	19.0
	Breaker Size			A	25
Ext. Piping	Diameter	Liquid		mm	9.52
		Gas		mm	15.88
	Max. Length	Out-In		m	50
	Max. Height	Out-In	Below Indoor	m	30
			Above Indoor	m	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	-15*
		Heating	Upper Limit.	°C	21
			Lower Limit.	°C	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

2. Mr.Slim+

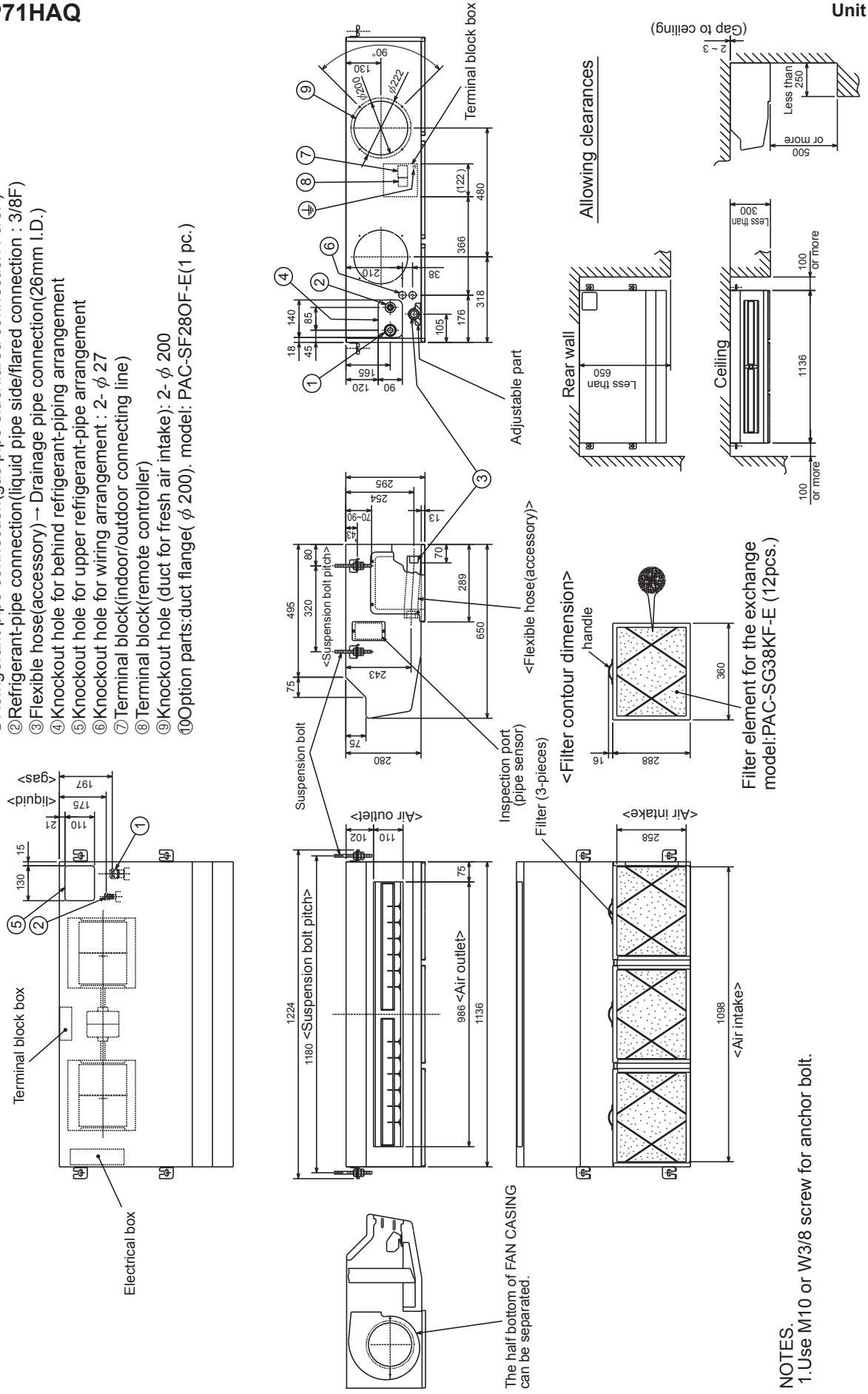
Model Name	Indoor Unit				PCA-RP71HAQ
	Outdoor Unit				PUHZ-FRP71VHA
Power Supply				Source	Outdoor power supply
	Out			V	230
				Phase	Single
				Hz	50
	In			V	-
				Phase	-
				Hz	-
Refrigerant					R410A
Cooling	Capacity	Rated		kW	7.1
		Max.		kW	8.1
		Min.		kW	3.3
	SHF	Rated			0.88
	Total Input	Rated		kW	1.97
	EER				3.60
	Annual Electricity Consumption			kWh/a	462
	SEER				5.4
		Energy efficiency class			A
Heating	Capacity	Rated		kW	8.0
		Max.		kW	10.2
		Min.		kW	3.5
	Total Input	Rated		kW	2.42
	COP				3.14
	Annual Electricity Consumption			kWh/a	1787
	SCOP				3.7
		Energy efficiency class			A
Operating Current(max)				A	19.0
Indoor Unit	Input	Rated		kW	0.09
	Operating Current(max)			A	0.43
	Dimensions		Height	mm	280
			Width	mm	1136
			Depth	mm	650
	Weight			kg	41
	Air Volume		Low	m³/min.	17.0
			Mid2	m³/min.	-
			Mid	m³/min.	-
			Hi	m³/min.	19.0
	External Static Pressure			Pa	-
	Sound Level (SPL)		Low	dB(A)	34
			Mid2	dB(A)	-
			Mid	dB(A)	-
			Hi	dB(A)	38
	Sound Level (PWL)	Cooling			56
Outdoor Unit	Dimensions		Height	mm	943
			Width	mm	950
			Depth	mm	330 (+30)
	Weight			kg	73
	Air Volume	Cooling	Rated	m³/min.	55
		Heating	Rated	m³/min.	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	-
		Heating	Rated	dB(A)	48
	Sound Level (PWL)	Cooling			67
	Operating Current(max)			A	19.0
	Breaker Size			A	25
Ext. Piping	Diameter	Liquid		mm	9.52
		Gas		mm	15.88
	Max. Length	Out-In		m	60
	Max. Height	Out-In	Below Indoor	m	20
			Above Indoor	m	20
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	-15*
		Heating	Upper Limit.	°C	21
			Lower Limit.	°C	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

A.4.2 OUTLINES AND DIMENSIONS

PCA-RP71HAQ

Unit : mm



A.4.3 WIRING DIAGRAM

PCA-RP71HAQ

[LEGEND]

SYMBOL	NAME	SYMBOL	NAME
P. B	INDOOR POWER BOARD	MF1, MF2	FAN MOTOR
I. B	INDOOR CONTROLLER BOARD	C1, C2	CAPACITOR (FAN MOTOR)
FUSE	FUSE (T6.3AL250V)	H2	DEW PREVENTION HEATER
CN2L	CONNECTOR (LOSSNAY)	TB2	TERMINAL BLOCK (INDOOR UNIT POWER (OPTION PARTS))
CN32	CONNECTOR (REMOTE SWITCH)		
CN41	CONNECTOR (HA TERMINAL-A)	TB4	TERMINAL BLOCK (INDOOR/OUTDOOR CONNECTING LINE)
CN51	CONNECTOR (CENTRALLY CONTROLL)		
LED1	POWER SUPPLY (I. B)	TB5,TB6	TERMINAL BLOCK (REMOTE CONTROLLER TRANSMISSION LINE)
LED2	POWER SUPPLY (R. B)		
LED3	TRANSMISSION (INDOOR-OUTDOOR)	TH1	ROOM TEMP.THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
X1	RELAY (DEW PREVENTION HEATER)		
X4	RELAY (FAN MOTOR)	TH2	PIPE TEMP.THERMISTOR/LIQUID (0°C/15kΩ, 25°C/5.4kΩ DETECT)
X5	RELAY (FAN MOTOR)		
X6	RELAY (FAN MOTOR)	TH5	COND./ EVA.TEMP.THERMISTOR (0°C/15kΩ, 25°C/5.4kΩ DETECT)
SW1	SWITCH (MODEL SELECTION) ※See Table 1.		
SW2	SWITCH (CAPACITY CODE) ※See Table 2.	R. B	WIRED REMOTE CONTROLLER BOARD
SWE	SWITCH (EMERGENCY OPERATION)		

Check code	Symptom
P1	Abnormality of room temperature thermistor (TH1)
P2	Abnormality of pipe temperature thermistor/Liquid (TH2)
P6	Freezing/overheating protection is working.
P8	Abnormality of pipe temperature
P9	Abnormality of pipe temperature thermistor/Cond.Eva. (TH5)
E0 - E5	Abnormality of the signal transmission between remote controller and indoor unit
E6 - EF	Abnormality of the signal transmission between indoor unit and outdoor unit
Fb	Abnormality of indoor controller board
U* , F*	Abnormality in outdoor unit. Refer to outdoor unit wiring diagram.
- - - -	No trouble generated in the past.
FFFF	No corresponding unit

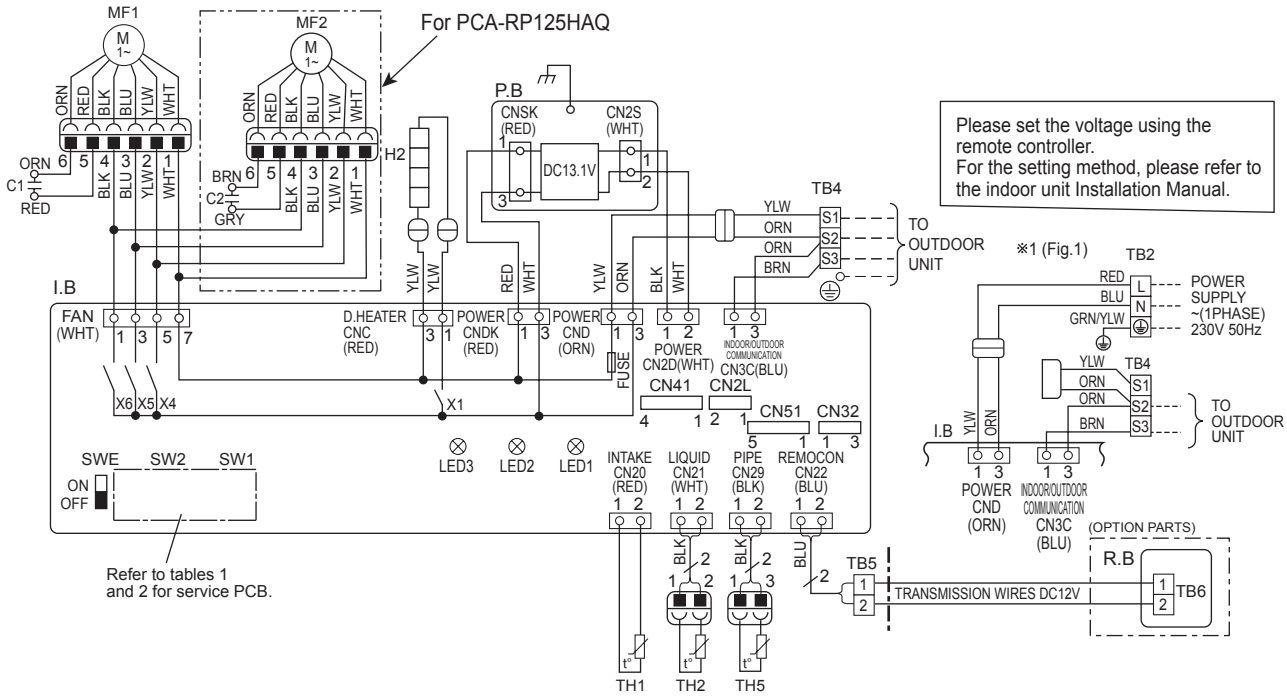


Table 1

SW1
Service board
1 2 3 4 5 ON OFF

Table 2

SW2			
MODELS	Service board	MODELS	Service board
PCA-RP71HAQ	1 2 3 4 5 ON OFF	PCA-RP125HAQ	1 2 3 4 5 ON OFF

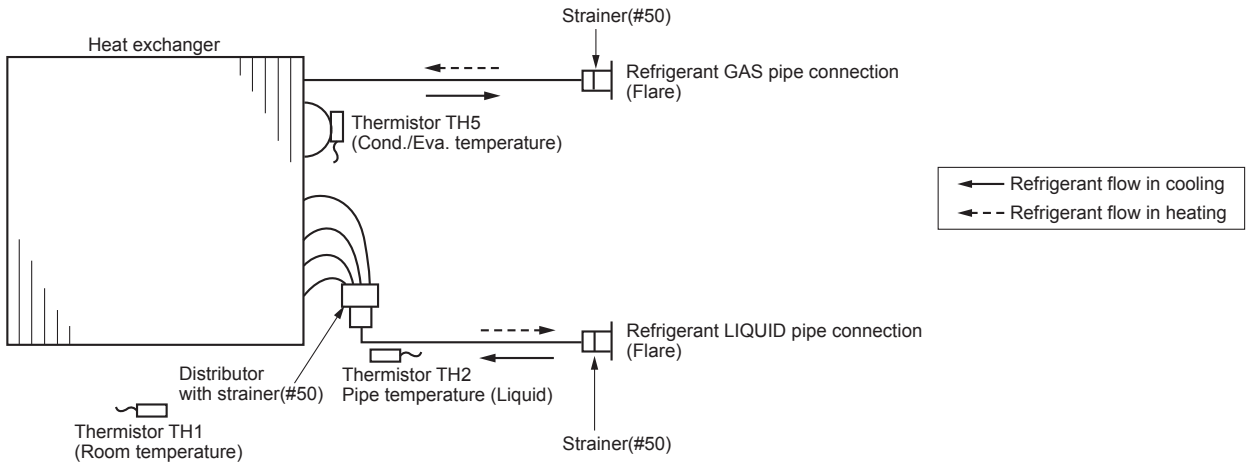
The black square (■) indicates a switch position.

NOTES:
1. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1,S2,S3).
3. Symbols used in wiring diagram above are, ⊡⊡⊡: Connector, ⊡⊡⊡: Terminal (block).

※1 When work to supply power separately to Indoor and Outdoor unit was applied, refer to Fig1.
※2 For power supply system of this unit, refer to the caution label located near this diagram.

A.4.4 REFRIGERANT SYSTEM DIAGRAM

PCA-RP71HAQ



A.4.5 PERFORMANCE DATA
A.4.5.1 INVERTER MODELS Heat pump type

COOLING CAPACITY
PCA-RP71HAQ/PUHZ-ZRP71VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,499	0.64	1.74	6,816	4,362	0.64	1.83	6,603	4,226	0.64	1.94
20	18	7,526	3,914	0.52	1.77	7,313	3,803	0.52	1.87	7,065	3,674	0.52	2.00
20	20	8,094	3,238	0.40	1.82	7,917	3,167	0.40	1.91	7,704	3,081	0.40	2.04
22	16	7,029	5,061	0.72	1.74	6,816	4,908	0.72	1.83	6,603	4,754	0.72	1.94
22	18	7,526	4,516	0.60	1.77	7,313	4,388	0.60	1.87	7,065	4,239	0.60	2.00
22	20	8,094	3,885	0.48	1.82	7,917	3,800	0.48	1.91	7,704	3,698	0.48	2.04
24	16	7,029	5,623	0.80	1.74	6,816	5,453	0.80	1.83	6,603	5,282	0.80	1.94
24	18	7,526	5,118	0.68	1.77	7,313	4,973	0.68	1.87	7,065	4,804	0.68	2.00
24	20	8,094	4,533	0.56	1.82	7,917	4,433	0.56	1.91	7,704	4,314	0.56	2.04
24	22	8,627	3,796	0.44	1.87	8,449	3,718	0.44	1.97	8,236	3,624	0.44	2.10
26	16	7,029	6,186	0.88	1.74	6,816	5,998	0.88	1.83	6,603	5,811	0.88	1.94
26	18	7,526	5,720	0.76	1.77	7,313	5,558	0.76	1.87	7,065	5,369	0.76	2.00
26	20	8,094	5,180	0.64	1.82	7,917	5,067	0.64	1.91	7,704	4,930	0.64	2.04
26	22	8,627	4,486	0.52	1.87	8,449	4,393	0.52	1.97	8,236	4,283	0.52	2.10
27	16	7,029	6,467	0.92	1.74	6,816	6,271	0.92	1.83	6,603	6,075	0.92	1.94
27	18	7,526	6,021	0.80	1.77	7,313	5,850	0.80	1.87	7,065	5,652	0.80	2.00
27	20	8,094	5,504	0.68	1.82	7,917	5,383	0.68	1.91	7,704	5,238	0.68	2.04
27	22	8,627	4,831	0.56	1.87	8,449	4,731	0.56	1.97	8,236	4,612	0.56	2.10
28	16	7,029	6,748	0.96	1.74	6,816	6,543	0.96	1.83	6,603	6,339	0.96	1.94
28	18	7,526	6,322	0.84	1.77	7,313	6,143	0.84	1.87	7,065	5,934	0.84	2.00
28	20	8,094	5,828	0.72	1.82	7,917	5,700	0.72	1.91	7,704	5,547	0.72	2.04
28	22	8,627	5,176	0.60	1.87	8,449	5,069	0.60	1.97	8,236	4,942	0.60	2.10
30	16	7,029	7,029	1.00	1.74	6,816	6,816	1.00	1.83	6,603	6,603	1.00	1.94
30	18	7,526	6,924	0.92	1.77	7,313	6,728	0.92	1.87	7,065	6,499	0.92	2.00
30	20	8,094	6,475	0.80	1.82	7,917	6,333	0.80	1.91	7,704	6,163	0.80	2.04
30	22	8,627	5,866	0.68	1.87	8,449	5,745	0.68	1.97	8,236	5,600	0.68	2.10
32	16	7,029	7,029	1.00	1.74	6,816	6,816	1.00	1.83	6,603	6,603	1.00	1.94
32	18	7,526	7,526	1.00	1.77	7,313	7,313	1.00	1.87	7,065	7,065	1.00	2.00
32	20	8,094	7,123	0.88	1.82	7,917	6,967	0.88	1.91	7,704	6,779	0.88	2.04
32	22	8,627	6,556	0.76	1.87	8,449	6,421	0.76	1.97	8,236	6,259	0.76	2.10
34	16	7,029	7,029	1.00	1.74	6,816	6,816	1.00	1.83	6,603	6,603	1.00	1.94
34	18	7,526	7,526	1.00	1.77	7,313	7,313	1.00	1.87	7,065	7,065	1.00	2.00
34	20	8,094	7,770	0.96	1.82	7,917	7,600	0.96	1.91	7,704	7,395	0.96	2.04
34	22	8,627	7,246	0.84	1.87	8,449	7,097	0.84	1.97	8,236	6,918	0.84	2.10

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,044	0.64	2.08	6,035	3,862	0.64	2.24	5,751	3,681	0.64	2.42
20	18	6,816	3,544	0.52	2.14	6,603	3,434	0.52	2.30	6,177	3,212	0.52	2.47
20	20	7,384	2,954	0.40	2.19	7,100	2,840	0.40	2.34	6,674	2,670	0.40	2.52
22	16	6,319	4,550	0.72	2.08	6,035	4,345	0.72	2.24	5,751	4,141	0.72	2.42
22	18	6,816	4,090	0.60	2.14	6,603	3,962	0.60	2.30	6,177	3,706	0.60	2.47
22	20	7,384	3,544	0.48	2.19	7,100	3,408	0.48	2.34	6,674	3,204	0.48	2.52
24	16	6,319	5,055	0.80	2.08	6,035	4,828	0.80	2.24	5,751	4,601	0.80	2.42
24	18	6,816	4,635	0.68	2.14	6,603	4,490	0.68	2.30	6,177	4,200	0.68	2.47
24	20	7,384	4,135	0.56	2.19	7,100	3,976	0.56	2.34	6,674	3,737	0.56	2.52
24	22	7,952	3,499	0.44	2.24	7,668	3,374	0.44	2.41	7,242	3,186	0.44	2.56
26	16	6,319	5,561	0.88	2.08	6,035	5,311	0.88	2.24	5,751	5,061	0.88	2.42
26	18	6,816	5,180	0.76	2.14	6,603	5,018	0.76	2.30	6,177	4,695	0.76	2.47
26	20	7,384	4,726	0.64	2.19	7,100	4,544	0.64	2.34	6,674	4,271	0.64	2.52
26	22	7,952	4,135	0.52	2.24	7,668	3,987	0.52	2.41	7,242	3,766	0.52	2.56
27	16	6,319	5,813	0.92	2.08	6,035	5,552	0.92	2.24	5,751	5,291	0.92	2.42
27	18	6,816	5,453	0.80	2.14	6,603	5,282	0.80	2.30	6,177	4,942	0.80	2.47
27	20	7,384	5,021	0.68	2.19	7,100	4,828	0.68	2.34	6,674	4,538	0.68	2.52
27	22	7,952	4,453	0.56	2.24	7,668	4,294	0.56	2.41	7,242	4,056	0.56	2.56
28	16	6,319	6,066	0.96	2.08	6,035	5,794	0.96	2.24	5,751	5,521	0.96	2.42
28	18	6,816	5,725	0.84	2.14	6,603	5,547	0.84	2.30	6,177	5,189	0.84	2.47
28	20	7,384	5,316	0.72	2.19	7,100	5,112	0.72	2.34	6,674	4,805	0.72	2.52
28	22	7,952	4,771	0.60	2.24	7,668	4,601	0.60	2.41	7,242	4,345	0.60	2.56
30	16	6,319	6,319	1.00	2.08	6,035	6,035	1.00	2.24	5,751	5,751	1.00	2.42
30	18	6,816	6,271	0.92	2.14	6,603	6,075	0.92	2.30	6,177	5,683	0.92	2.47
30	20	7,384	5,907	0.80	2.19	7,100	5,680	0.80	2.34	6,674	5,339	0.80	2.52
30	22	7,952	5,407	0.68	2.24	7,668	5,214	0.68	2.41	7,242	4,925	0.68	2.56
32	16	6,319	6,319	1.00	2.08	6,035	6,035	1.00	2.24	5,751	5,751	1.00	2.42
32	18	6,816	6,816	1.00	2.14	6,603	6,603	1.00	2.30	6,177	6,177	1.00	2.47
32	20	7,384	6,498	0.88	2.19	7,100	6,248	0.88	2.34	6,674	5,873	0.88	2.52
32	22	7,952	6,044	0.76	2.24	7,668	5,828	0.76	2.41	7,242	5,504	0.76	2.56
34	16	6,319	6,319	1.00	2.08	6,035	6,035	1.00	2.24	5,751	5,751	1.00	2.42
34	18	6,816	6,816	1.00	2.14	6,603	6,603	1.00	2.30	6,177	6,177	1.00	2.47
34	20	7,384	7,089	0.96	2.19	7,100	6,816	0.96	2.34	6,674	6,407	0.96	2.52
34	22	7,952	6,680	0.84	2.24	7,668	6,441	0.84	2.41	7,242	6,083	0.84	2.56

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PCA-RP71HAQ / PUHZ-FRP71VHA

(230V)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		20				25				30			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,483	0.78	1.58	6,816	5,316	0.78	1.66	6,603	5,150	0.78	1.76
20	18	7,526	4,967	0.66	1.61	7,313	4,827	0.66	1.69	7,065	4,663	0.66	1.81
20	20	8,094	4,371	0.54	1.65	7,917	4,275	0.54	1.73	7,704	4,160	0.54	1.85
22	16	7,029	6,045	0.86	1.58	6,816	5,862	0.86	1.66	6,603	5,679	0.86	1.76
22	18	7,526	5,569	0.74	1.61	7,313	5,412	0.74	1.69	7,065	5,228	0.74	1.81
22	20	8,094	5,018	0.62	1.65	7,917	4,908	0.62	1.73	7,704	4,776	0.62	1.85
24	16	7,029	6,607	0.94	1.58	6,816	6,407	0.94	1.66	6,603	6,207	0.94	1.76
24	18	7,526	6,171	0.82	1.61	7,313	5,997	0.82	1.69	7,065	5,793	0.82	1.81
24	20	8,094	5,666	0.70	1.65	7,917	5,542	0.70	1.73	7,704	5,392	0.70	1.85
24	22	8,627	5,003	0.58	1.69	8,449	4,900	0.58	1.79	8,236	4,777	0.58	1.91
26	16	7,029	7,029	1.00	1.58	6,816	6,816	1.00	1.66	6,603	6,603	1.00	1.76
26	18	7,526	6,773	0.90	1.61	7,313	6,582	0.90	1.69	7,065	6,358	0.90	1.81
26	20	8,094	6,313	0.78	1.65	7,917	6,175	0.78	1.73	7,704	6,009	0.78	1.85
26	22	8,627	5,693	0.66	1.69	8,449	5,576	0.66	1.79	8,236	5,436	0.66	1.91
27	16	7,029	7,029	1.00	1.58	6,816	6,816	1.00	1.66	6,603	6,603	1.00	1.76
27	18	7,526	7,074	0.94	1.61	7,313	6,874	0.94	1.69	7,065	6,641	0.94	1.81
27	20	8,094	6,637	0.82	1.65	7,917	6,492	0.82	1.73	7,704	6,317	0.82	1.85
27	22	8,627	6,039	0.70	1.69	8,449	5,914	0.70	1.79	8,236	5,765	0.70	1.91
28	16	7,029	7,029	1.00	1.58	6,816	6,816	1.00	1.66	6,603	6,603	1.00	1.76
28	18	7,526	7,375	0.98	1.61	7,313	7,167	0.98	1.69	7,065	6,923	0.98	1.81
28	20	8,094	6,961	0.86	1.65	7,917	6,808	0.86	1.73	7,704	6,625	0.86	1.85
28	22	8,627	6,384	0.74	1.69	8,449	6,252	0.74	1.79	8,236	6,095	0.74	1.91
30	16	7,029	7,029	1.00	1.58	6,816	6,816	1.00	1.66	6,603	6,603	1.00	1.76
30	18	7,526	7,526	1.00	1.61	7,313	7,313	1.00	1.69	7,065	7,065	1.00	1.81
30	20	8,094	7,608	0.94	1.65	7,917	7,442	0.94	1.73	7,704	7,241	0.94	1.85
30	22	8,627	7,074	0.82	1.69	8,449	6,928	0.82	1.79	8,236	6,754	0.82	1.91
32	16	7,029	7,029	1.00	1.58	6,816	6,816	1.00	1.66	6,603	6,603	1.00	1.76
32	18	7,526	7,526	1.00	1.61	7,313	7,313	1.00	1.69	7,065	7,065	1.00	1.81
32	20	8,094	8,094	1.00	1.65	7,917	7,917	1.00	1.73	7,704	7,704	1.00	1.85
32	22	8,627	7,764	0.90	1.69	8,449	7,604	0.90	1.79	8,236	7,412	0.90	1.91
34	16	7,029	7,029	1.00	1.58	6,816	6,816	1.00	1.66	6,603	6,603	1.00	1.76
34	18	7,526	7,526	1.00	1.61	7,313	7,313	1.00	1.69	7,065	7,065	1.00	1.81
34	20	8,094	8,094	1.00	1.65	7,917	7,917	1.00	1.73	7,704	7,704	1.00	1.85
34	22	8,627	8,454	0.98	1.69	8,449	8,280	0.98	1.79	8,236	8,071	0.98	1.91

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air DB°C											
		35				40				45			
		CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,929	0.78	1.89	6,035	4,707	0.78	2.03	5,751	4,486	0.78	2.20
20	18	6,816	4,499	0.66	1.94	6,603	4,358	0.66	2.09	6,177	4,077	0.66	2.25
20	20	7,384	3,987	0.54	1.99	7,100	3,834	0.54	2.13	6,674	3,604	0.54	2.29
22	16	6,319	5,434	0.86	1.89	6,035	5,190	0.86	2.03	5,751	4,946	0.86	2.20
22	18	6,816	5,044	0.74	1.94	6,603	4,886	0.74	2.09	6,177	4,571	0.74	2.25
22	20	7,384	4,578	0.62	1.99	7,100	4,402	0.62	2.13	6,674	4,138	0.62	2.29
24	16	6,319	5,940	0.94	1.89	6,035	5,673	0.94	2.03	5,751	5,406	0.94	2.20
24	18	6,816	5,589	0.82	1.94	6,603	5,414	0.82	2.09	6,177	5,065	0.82	2.25
24	20	7,384	5,169	0.70	1.99	7,100	4,970	0.70	2.13	6,674	4,672	0.70	2.29
24	22	7,952	4,612	0.58	2.03	7,668	4,447	0.58	2.19	7,242	4,200	0.58	2.32
26	16	6,319	6,319	1.00	1.89	6,035	6,035	1.00	2.03	5,751	5,751	1.00	2.20
26	18	6,816	6,134	0.90	1.94	6,603	5,943	0.90	2.09	6,177	5,559	0.90	2.25
26	20	7,384	5,760	0.78	1.99	7,100	5,538	0.78	2.13	6,674	5,206	0.78	2.29
26	22	7,952	5,248	0.66	2.03	7,668	5,061	0.66	2.19	7,242	4,780	0.66	2.32
27	16	6,319	6,319	1.00	1.89	6,035	6,035	1.00	2.03	5,751	5,751	1.00	2.20
27	18	6,816	6,407	0.94	1.94	6,603	6,207	0.94	2.09	6,177	5,806	0.94	2.25
27	20	7,384	6,055	0.82	1.99	7,100	5,822	0.82	2.13	6,674	5,473	0.82	2.29
27	22	7,952	5,566	0.70	2.03	7,668	5,368	0.70	2.19	7,242	5,069	0.70	2.32
28	16	6,319	6,319	1.00	1.89	6,035	6,035	1.00	2.03	5,751	5,751	1.00	2.20
28	18	6,816	6,680	0.98	1.94	6,603	6,471	0.98	2.09	6,177	6,053	0.98	2.25
28	20	7,384	6,350	0.86	1.99	7,100	6,106	0.86	2.13	6,674	5,740	0.86	2.29
28	22	7,952	5,884	0.74	2.03	7,668	5,674	0.74	2.19	7,242	5,359	0.74	2.32
30	16	6,319	6,319	1.00	1.89	6,035	6,035	1.00	2.03	5,751	5,751	1.00	2.20
30	18	6,816	6,816	1.00	1.94	6,603	6,603	1.00	2.09	6,177	6,177	1.00	2.25
30	20	7,384	6,941	0.94	1.99	7,100	6,674	0.94	2.13	6,674	6,274	0.94	2.29
30	22	7,952	6,521	0.82	2.03	7,668	6,288	0.82	2.19	7,242	5,938	0.82	2.32
32	16	6,319	6,319	1.00	1.89	6,035	6,035	1.00	2.03	5,751	5,751	1.00	2.20
32	18	6,816	6,816	1.00	1.94	6,603	6,603	1.00	2.09	6,177	6,177	1.00	2.25
32	20	7,384	7,384	1.00	1.99	7,100	7,100	1.00	2.13	6,674	6,674	1.00	2.29
32	22	7,952	7,157	0.90	2.03	7,668	6,901	0.90	2.19	7,242	6,518	0.90	2.32
34	16	6,319	6,319	1.00	1.89	6,035	6,035	1.00	2.03	5,751	5,751	1.00	2.20
34	18	6,816	6,816	1.00	1.94	6,603	6,603	1.00	2.09	6,177	6,177	1.00	2.25
34	20	7,384	7,384	1.00	1.99	7,100	7,100	1.00	2.13	6,674	6,674	1.00	2.29
34	22	7,952	7,793	0.98	2.03	7,668	7,515	0.98	2.19	7,242	7,097	0.98	2.32

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

HEATING CAPACITY
PCA-RP·HAQ / PUHZ-ZRP·HA

(230V)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-RP71HAQ	15	4,826	1.39	5,244	1.53	5,852	1.76	7,676	2.12	8,664	2.35	9,652	2.54
	20	4,636	1.50	5,016	1.65	5,548	1.90	7,410	2.28	8,360	2.54	9,310	2.73
	25	4,484	1.60	4,864	1.79	5,320	2.07	6,992	2.42	8,056	2.71	8,968	2.93

Note: CA : Capacity (W) P.C. : Total power input (kW)

PCA-RP·HAQ / PUHZ-FRP·VHA

(230V)

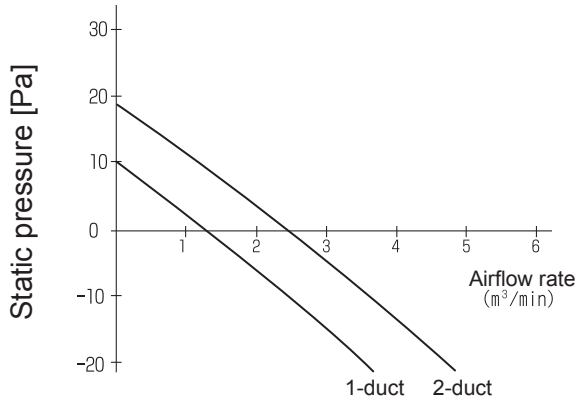
	Indoor intake air D.B.(°C)	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PCA-RP71HAQ	15	5,080	1.43	5,520	1.57	6,160	1.82	8,080	2.18	9,120	2.42	10,160	2.61
	21	4,880	1.55	5,280	1.69	5,840	1.96	7,800	2.35	8,800	2.61	9,800	2.81
	26	4,720	1.65	5,120	1.84	5,600	2.13	7,360	2.49	8,480	2.80	9,440	3.01

Note: CA : Capacity (W) P.C. : Total power input (kW)

A.4.6 FRESH AIR INTAKE

FRESH AIR INTAKE AMOUNT & STATIC PRESSURE CHARACTERISTICS

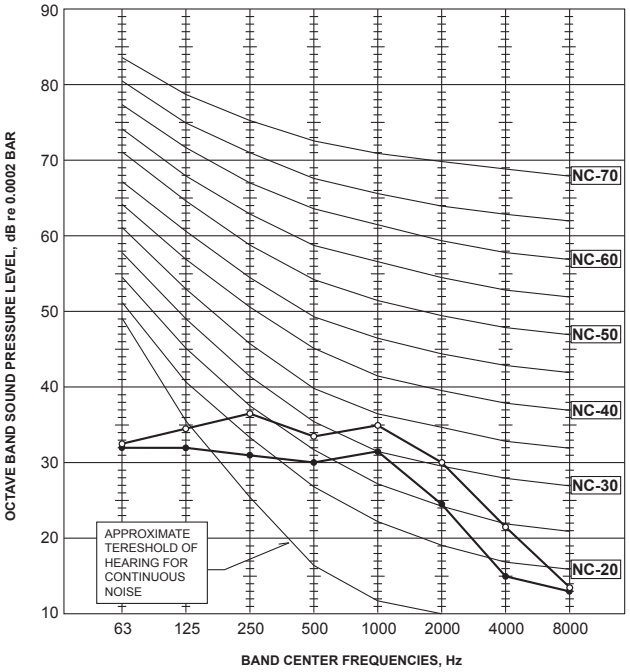
PCA-RP71HAQ

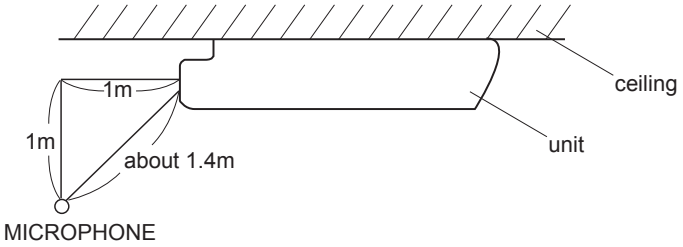


A.4.7 NOISE CRITERIA CURVES

PCA-RP71HAQ

NOTCH	SPL(dB)	LINE
High	38	○——○
Low	34	●——●



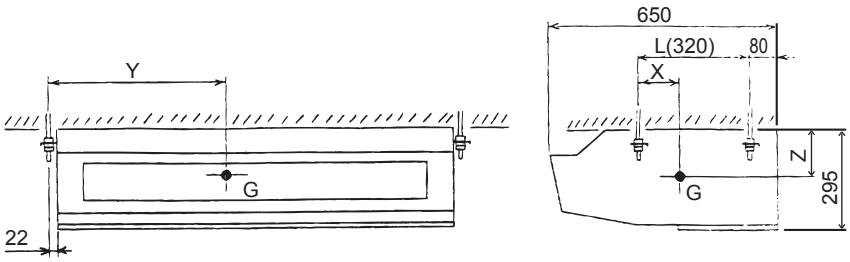


A.4.8 OUTLET AIR SPEED AND COVERAGE RANGE

	PCA-RP71HAQ
Air flow m³/min	19
Air speed m/sec	3.2
Coverage range m(ft)	9.9(32.5)

* The air coverage range is the distance to which the 0.25m/sec air can reach,when air is blown out horizontally from the unit at the High notch position.
The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.4.9 CENTER OF GRAVITY POSITION



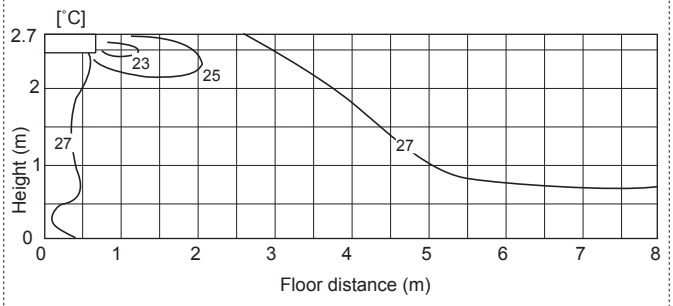
Unit: [mm]

Model	X	Y	Z
PCA-RP71HAQ	125	575	170

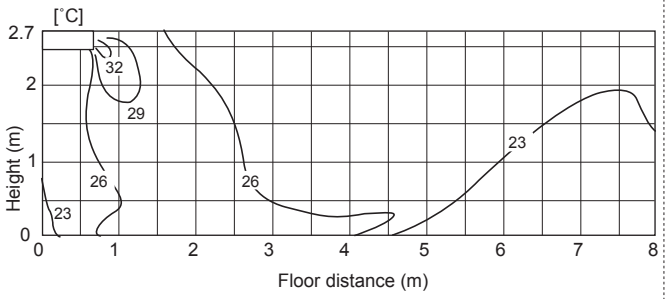
A.4.10 TEMPERATURE AND AIR FLOW DISTRIBUTIONS

Temperature distributions
PCA-RP71HAQ

<Cooling mode>
Flow angle : 10˚
Temperature setting : 27˚C
High notch

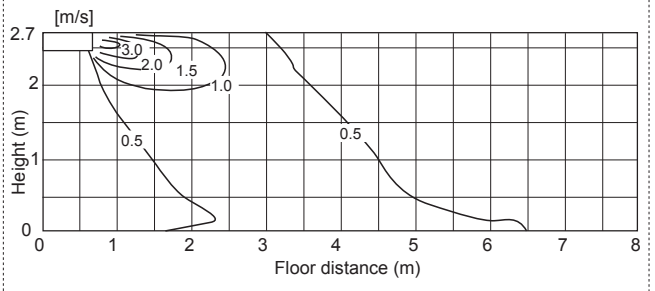


<Heating mode>
Flow angle : 60˚
Temperature setting : 20˚C
High notch

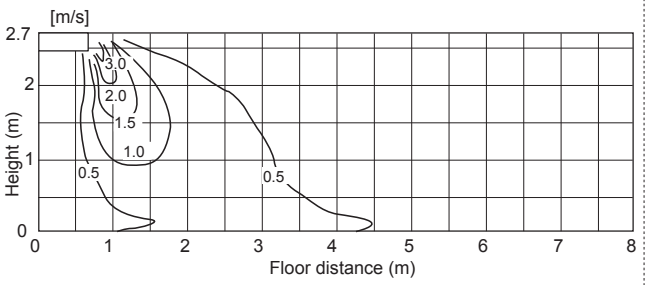


Airflow distributions
PCA-RP71HAQ

<Cooling mode>
Flow angle : 10˚
Temperature setting : 27˚C
High notch
Ceiling height : 2.7m



<Heating mode>
Flow angle : 60˚
Temperature setting : 20˚C
High notch
Ceiling height : 2.7m



Note : These figures show typical airflow distributions in the conditions above. In the actual installation, they may differ from these figures under the influence of air temperature conditions, ceiling height, cooling/heating load,obstacles,etc.

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A.5 FLOOR STANDING (PSA)

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A.5.1 SPECIFICATIONS

A.5.1.1 INVERTER MODELS Heat pump type

1. Power Inverter SERIES

Model Name	Indoor Unit				PSA-RP71KA	PSA-RP100KA	PSA-RP100KA
	Outdoor Unit				PUHZ-ZRP71VHA	PUHZ-ZRP100VKA2	PUHZ-ZRP100YKA2
Power Supply				Source	Outdoor power supply		
	Out			V	230	230	400
				Phase	Single	Single	3
				Hz	50	50	50
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant					R410A	R410A	R410A
Cooling	Capacity	Rated		kW	7.1	9.5	9.5
		Max.		kW	8.1	11.4	11.4
		Min.		kW	3.3	4.9	4.9
	SHF	Rated			0.75	0.73	0.73
	Total Input	Rated		kW	1.89	2.50	2.50
	EER				3.76	3.8	3.8
	Annual Electricity Consumption			kWh/a	396	595	609
	SEER				6.3	5.6	5.5
		Energy efficiency class			A++	A+	A
Heating	Capacity	Rated		kW	7.6	11.2	11.2
		Max.		kW	10.2	14.0	14.0
		Min.		kW	3.5	4.5	4.5
	Total Input	Rated		kW	2.21	3.08	3.08
	COP				3.44	3.64	3.64
	Annual Electricity Consumption			kWh/a	1666	2761	2761
	SCOP				4.0	4.0	4.0
		Energy efficiency class			A+	A+	A+
Operating Current(max)				A	19.4	27.2	8.7
Indoor Unit	Input	Rated		kW	0.06	0.11	0.11
	Operating Current(max)			A	0.4	0.71	0.71
	Dimensions		Height	mm	1900	1900	1900
			Width	mm	600	600	600
			Depth	mm	360	360	360
	Weight			kg	46	46	46
	Air Volume		Low	m³/min.	20.0	25.0	25.0
			Mid2	m³/min.	-	-	-
			Mid	m³/min.	22.0	28.0	28.0
			Hi	m³/min.	24.0	30.0	30.0
	External Static Pressure			Pa	-	-	-
	Sound Level (SPL)		Low	dB(A)	40	45	45
			Mid2	dB(A)	-	-	-
			Mid	dB(A)	42	49	49
			Hi	dB(A)	44	51	51
	Sound Level (PWL)	Cooling			60	65	65
Outdoor Unit	Dimensions		Height	mm	943	1338	1338
			Width	mm	950	1050	1050
			Depth	mm	330 (+30)	330 (+40)	330 (+40)
	Weight			kg	67	116	123
	Air Volume	Cooling	Rated	m³/min.	55.0	110.0	110.0
		Heating	Rated	m³/min.	55.0	110.0	110.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	47	49	49
			Silent	dB(A)	44	46	46
		Heating	Rated	dB(A)	48	51	51
	Sound Level (PWL)	Cooling			67	69	69
	Operating Current(max)			A	19.0	26.5	8.0
	Breaker Size			A	25	32	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max. Length	Out-In		m	50	75	75
	Max. Height	Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-20	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PSA-RP125KA	PSA-RP125KA	PSA-RP140KA	PSA-RP140KA
	Outdoor Unit				PUHZ-ZRP125VKA2	PUHZ-ZRP125YKA2	PUHZ-ZRP140VKA2	PUHZ-ZRP140YKA2
Power Supply				Source	Outdoor power supply			
	Out			V	230	400	230	400
				Phase	Single	3	Single	3
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	12.5	12.5	13.4	13.4
		Max.		kW	14.0	14.0	15.0	15.0
		Min.		kW	5.5	5.5	6.2	6.2
	SHF	Rated			0.72	0.72	0.71	0.71
	Total Input	Rated		kW	4.09	4.09	4.06	4.06
	EER				3.06	3.06	3.30	3.30
	Annual Electricity Consumption			kWh/a	847	885	872	883
	SEER				5.0	4.9	5.3	5.3
		Energy efficiency class			-	-	-	-
Heating	Capacity	Rated		kW	14.0	14.0	16.0	16.0
		Max.		kW	16.0	16.0	18.0	18.0
		Min.		kW	5.0	5.0	5.7	5.7
	Total Input	Rated		kW	4.24	4.24	4.79	4.79
	COP				3.30	3.30	3.34	3.34
	Annual Electricity Consumption			kWh/a	3285	3285	3331	3331
	SCOP				4.0	4.0	4.4	4.4
		Energy efficiency class			-	-	-	-
Operating Current(max)				A	27.2	10.2	28.7	13.7
Indoor Unit	Input	Rated		kW	0.11	0.11	0.11	0.11
	Operating Current(max)			A	0.73	0.73	0.73	0.73
	Dimensions		Height	mm	1900	1900	1900	1900
			Width	mm	600	600	600	600
			Depth	mm	360	360	360	360
	Weight			kg	46	46	48	48
	Air Volume		Low	m³/min.	25.0	25.0	25.0	25.0
			Mid2	m³/min.	-	-	-	-
			Mid	m³/min.	28.0	28.0	28.0	28.0
			Hi	m³/min.	31.0	31.0	31.0	31.0
	External Static Pressure			Pa	-	-	-	-
	Sound Level (SPL)		Low	dB(A)	45	45	45	45
			Mid2	dB(A)	-	-	-	-
			Mid	dB(A)	49	49	49	49
			Hi	dB(A)	51	51	51	51
	Sound Level (PWL)	Cooling			66	66	66	66
Outdoor Unit	Dimensions		Height	mm	1338	1338	1338	1338
			Width	mm	1050	1050	1050	1050
			Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)
	Weight			kg	116	125	118	131
	Air Volume	Cooling	Rated	m³/min.	120.0	120.0	120.0	120.0
		Heating	Rated	m³/min.	120.0	120.0	120.0	120.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	50	50	50	50
			Silent	dB(A)	47	47	47	47
		Heating	Rated	dB(A)	52	52	52	52
	Sound Level (PWL)	Cooling			70	70	70	70
	Operating Current(max)			A	26.5	9.5	28.0	13.0
	Breaker Size			A	32	16	40	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88	15.88
	Max. Length	Out-In		m	75	75	75	75
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-20	-20	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

2. Mr.Slim+

Model Name	Indoor Unit				PSA-RP71KA
	Outdoor Unit				PUHZ-FRP71VHA
Power Supply				Source	Outdoor power supply
	Out			V	230
				Phase	Single
				Hz	50
	In			V	-
				Phase	-
				Hz	-
Refrigerant					R410A
Cooling	Capacity	Rated		kW	7.1
		Max.		kW	8.1
		Min.		kW	3.3
	SHF	Rated			0.75
	Total Input	Rated		kW	1.97
	EER				3.60
	Annual Electricity Consumption			kWh/a	408
	SEER				6.1
		Energy efficiency class			A++
Heating	Capacity	Rated		kW	8.0
		Max.		kW	10.2
		Min.		kW	3.5
	Total Input	Rated		kW	2.28
	COP				3.33
	Annual Electricity Consumption			kWh/a	1709
	SCOP				3.9
		Energy efficiency class			A
Operating Current(max)				A	19.4
Indoor Unit	Input	Rated		kW	0.06
	Operating Current(max)			A	0.4
	Dimensions		Height	mm	1900
			Width	mm	600
			Depth	mm	360
	Weight			kg	46
	Air Volume		Low	m³/min.	20.0
			Mid2	m³/min.	-
			Mid	m³/min.	22.0
			Hi	m³/min.	24.0
	External Static Pressure			Pa	-
	Sound Level (SPL)		Low	dB(A)	40
			Mid2	dB(A)	-
			Mid	dB(A)	42
			Hi	dB(A)	44
	Sound Level (PWL)	Cooling			60
Outdoor Unit	Dimensions		Height	mm	943
			Width	mm	950
			Depth	mm	330 (+30)
	Weight			kg	73
	Air Volume	Cooling	Rated	m³/min.	55
		Heating	Rated	m³/min.	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	-
		Heating	Rated	dB(A)	48
	Sound Level (PWL)	Cooling			67
	Operating Current(max)			A	19.0
	Breaker Size			A	25
Ext. Piping	Diameter	Liquid		mm	9.52
		Gas		mm	15.88
	Max. Length	Out-In		m	60
	Max. Height	Out-In	Below Indoor	m	20
			Above Indoor	m	20
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	- 15*
		Heating	Upper Limit.	°C	21
			Lower Limit.	°C	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

3. Standard Inverter SERIES

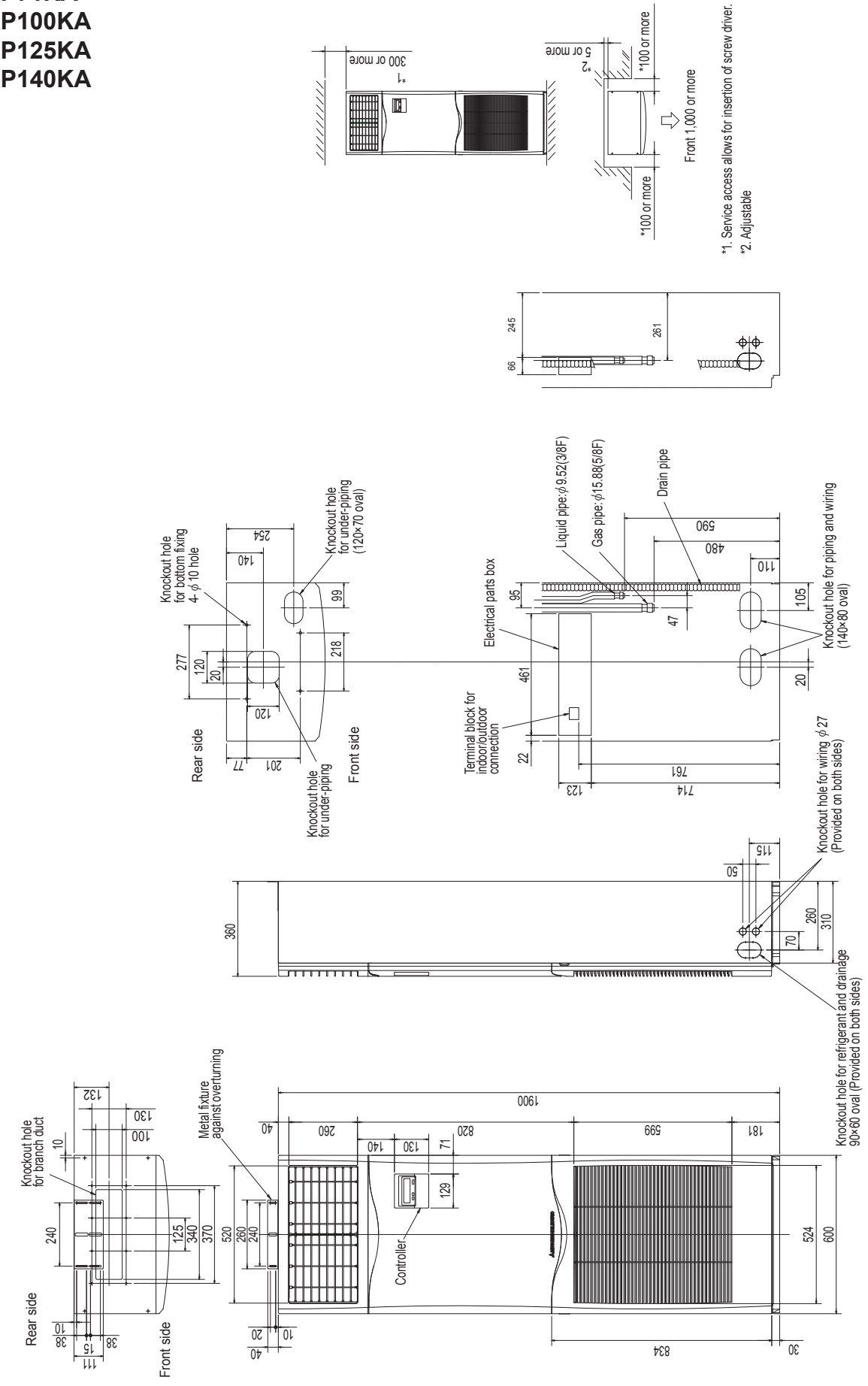
Model Name	Indoor Unit				PSA-RP100KA		PSA-RP125KA		PSA-RP140KA	
	Outdoor Unit				PUHZ-P100VHA4	PUHZ-P100YHA2	PUHZ-P125VHA3	PUHZ-P125YHA	PUHZ-P140VHA3	PUHZ-P140YHA
Power Supply				Source	Outdoor power supply					
	Out			V	230	400	230	400	230	400
				Phase	Single	3	Single	3	Single	3
				Hz	50		50		50	
	In			V	-		-		-	
				Phase	-		-		-	
				Hz	-		-		-	
Refrigerant					R410A		R410A		R410A	
Cooling	Capacity	Rated		kW	9.4		12.3		13.6	
		Max.		kW	11.2		14.0		15.0	
		Min.		kW	4.9		5.5		5.5	
	SHF	Rated			0.73		0.72		0.71	
	Total Input	Rated		kW	3.120		4.380		5.640	
	EER				3.01		2.81		2.41	
	Annual Electricity Consumption			kWh/a	716	716	-	-	-	-
	SEER				4.6	4.6	-	-	-	-
		Energy efficiency class			B	B	-	-	-	-
Heating	Capacity	Rated		kW	11.2		14.0		16.0	
		Max.		kW	12.5		16.0		18.0	
		Min.		kW	4.5		5.0		5.0	
	Total Input	Rated		kW	3.280		4.980		5.690	
	COP				3.41		2.81		2.81	
	Annual Electricity Consumption			kWh/a	2945	2945	-	-	-	-
	SCOP				3.8	3.8	-	-	-	-
		Energy efficiency class			A	A	-	-	-	-
Operating Current(max)				A	28.7	13.7	28.7	13.7	30.2	13.7
Indoor Unit	Input	Rated		kW	0.11		0.11		0.11	
	Operating Current(max)			A	0.71		0.73		0.73	
	Dimensions		Height	mm	1900		1900		1900	
			Width	mm	600		600		600	
			Depth	mm	360		360		360	
	Weight			kg	46		46		48	
	Air Volume		Low	m³/min.	25.0		25.0		25.0	
			Mid2	m³/min.	-		-		-	
			Mid	m³/min.	28.0		28.0		28.0	
			Hi	m³/min.	30.0		31.0		31.0	
	External Static Pressure			Pa	-		-		-	
	Sound Level (SPL)		Low	dB(A)	45		45		45	
			Mid2	dB(A)	-		-		-	
			Mid	dB(A)	49		49		49	
			Hi	dB(A)	51		51		51	
	Sound Level (PWL)	Cooling			65	65	66	66	66	66
Outdoor Unit	Dimensions		Height	mm	943		1350		1350	
			Width	mm	950		950		950	
			Depth	mm	330(+30)		330(+30)		330(+30)	
	Weight			kg	75	77	99	101	99	101
	Air Volume	Cooling	Rated	m³/min.	60.0		100.0		100.0	
		Heating	Rated	m³/min.	60.0		100.0		100.0	
	Sound Level (SPL)	Cooling	Rated	dB(A)	50		51		52	
			Silent	dB(A)	47		48		49	
		Heating	Rated	dB(A)	54		55		56	
	Sound Level (PWL)	Cooling			70	70	71	71	73	73
	Operating Current(max)			A	28.0	13.0	28.0	13.0	29.5	13.0
	Breaker Size			A	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid		mm	9.52		9.52		9.52	
		Gas		mm	15.88		15.88		15.88	
	Max. Length	Out-In		m	50		50		50	
	Max. Height	Out-In	Below Indoor	m	30		30		30	
			Above Indoor	m	30		30		30	
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46		46		46	
			Lower Limit.	°C	-15*		-15*		-15*	
		Heating	Upper Limit.	°C	21		21		21	
			Lower Limit.	°C	-15		-15		-15	

* Optional air protection guide is required where ambient temperature is lower than -5°C.

A.5.2 OUTLINES AND DIMENSIONS

PSA-RP71KA
PSA-RP100KA
PSA-RP125KA
PSA-RP140KA

Unit : mm

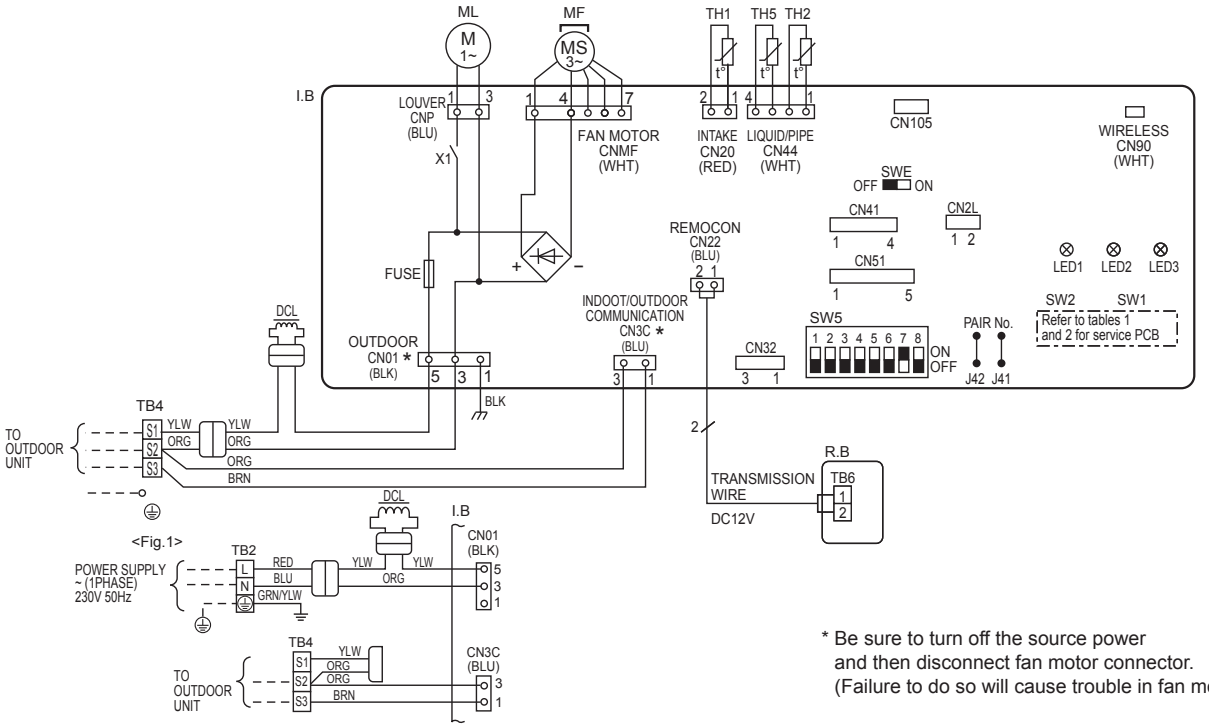


A.5.3 WIRING DIAGRAM

PSA-RP71KA
PSA-RP100KA
PSA-RP125KA
PSA-RP140KA

SYMBOL	NAME
I.B	INDOOR CONTROLLER BOARD
FUSE	FUSE (6.3A)
CN2L	CONNECTOR<LOSSNAY>
CN32	CONNECTOR<REMOTE SWITCH>
CN41	CONNECTOR<HA TERMINAL-A>
CN51	CONNECTOR<CENTRALLY CONTROL>
LED1	POWER SUPPLY<I.B>
LED2	POWER SUPPLY<R.B>
LED3	TRANSMISSION<INDOOR-OUTDOOR>
SW1	SWITCH <MODEL SELECTION> *See Table 1.
SW2	SWITCH <CAPACITY CODE> *See Table 2.
SWE	SWITCH<EMERGENCY OPERATION>
X1	RELAY<LOUVER>

SYMBOL	NAME
R.B	WIRED REMOTE CONTROLLER BOARD
TB6	TERMINAL BLOCK<REMOTE CONTROLLER TRANSMISSION LINE>
DCL	REACTOR
MF	FAN MOTOR
ML	LOUVER MOTOR
TB2	TERMINAL BLOCK option for PSA-RP·KA models.
TB4	TERMINAL BLOCK <INDOOR/OUTDOOR CONNECTING LINE>
TH1	ROOM TEMPERATURE THERMISTOR <0°C/15kΩ, 25°C/5.4kΩ DETECT>
TH2	PIPE TEMPERATURE THERMISTOR/LIQUID <0°C/15kΩ, 25°C/5.4kΩ DETECT>
TH5	COND./EVA. TEMPERATURE THERMISTOR <0°C/15kΩ, 25°C/5.4kΩ DETECT>



* Be sure to turn off the source power and then disconnect fan motor connector. (Failure to do so will cause trouble in fan motor)

*The black square (■) indicates a switch position.

Table 1

SW1	
MODELS	Manufacture/Service
PSA-RP·KA	1 2 3 4 5 ON OFF

Table 2

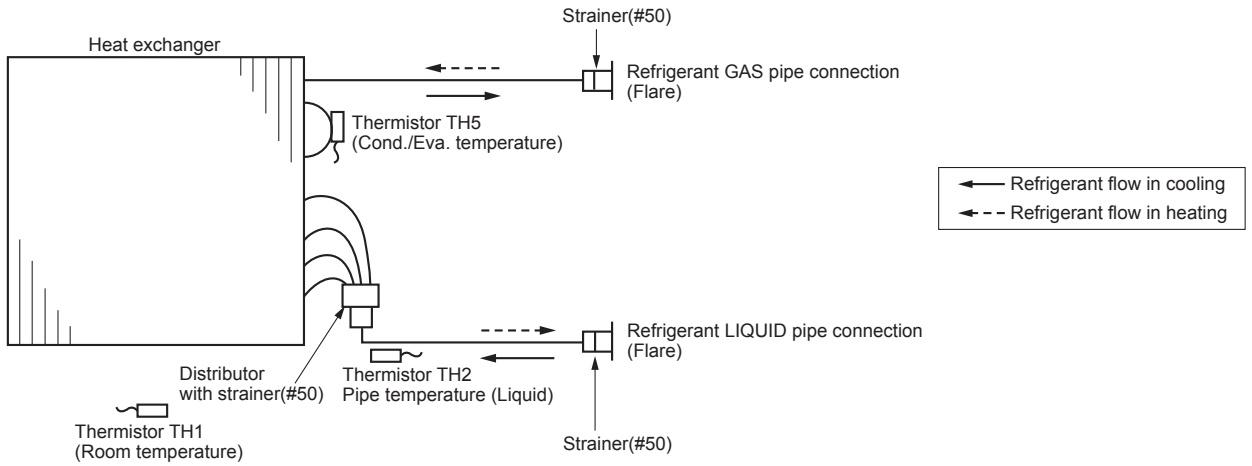
SW2	
MODELS	Manufacture/Service
PSA-RP71KA	1 2 3 4 5 ON OFF
PSA-RP100KA	1 2 3 4 5 ON OFF
PSA-RP125KA	1 2 3 4 5 ON OFF
PSA-RP140KA	1 2 3 4 5 ON OFF

* When work to supply power separately to indoor and outdoor unit was applied, refer to Fig 1.
For power supply system of this unit, refer to the caution label located near this diagram.

[NOTES]
1. Symbols used in wiring diagram above are, □□□: Connector, ◎: Terminal (block).
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1,S2,S3).
3. Since the outdoor side electric wiring may change be sure to check the outdoor unit electric wiring for servicing.
4. This diagram shows the wiring of indoor and outdoor connecting wires (specification of 230V), adopting superimposed system of power and signal.

A.5.4 REFRIGERANT SYSTEM DIAGRAM

PSA-RP71KA PSA-RP100KA PSA-RP125KA PSA-RP140KA



A.5.5 PERFORMANCE DATA

A.5.5.1 INVERTER MODELS Heat pump type

COOLING CAPACITY

PSA-RP71KA/PUHZ-ZRP71VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,569	0.65	1.51	6,816	4,430	0.65	1.60	6,603	4,292	0.65	1.69
20	18	7,526	3,989	0.53	1.54	7,313	3,876	0.53	1.63	7,065	3,744	0.53	1.74
20	20	8,094	3,319	0.41	1.59	7,917	3,246	0.41	1.66	7,704	3,158	0.41	1.78
22	16	7,029	5,131	0.73	1.51	6,816	4,976	0.73	1.60	6,603	4,820	0.73	1.69
22	18	7,526	4,591	0.61	1.54	7,313	4,461	0.61	1.63	7,065	4,309	0.61	1.74
22	20	8,094	3,966	0.49	1.59	7,917	3,879	0.49	1.66	7,704	3,775	0.49	1.78
24	16	7,029	5,693	0.81	1.51	6,816	5,521	0.81	1.60	6,603	5,348	0.81	1.69
24	18	7,526	5,193	0.69	1.54	7,313	5,046	0.69	1.63	7,065	4,875	0.69	1.74
24	20	8,094	4,614	0.57	1.59	7,917	4,512	0.57	1.66	7,704	4,391	0.57	1.78
24	22	8,627	3,882	0.45	1.63	8,449	3,802	0.45	1.72	8,236	3,706	0.45	1.83
26	16	7,029	6,256	0.89	1.51	6,816	6,066	0.89	1.60	6,603	5,877	0.89	1.69
26	18	7,526	5,795	0.77	1.54	7,313	5,631	0.77	1.63	7,065	5,440	0.77	1.74
26	20	8,094	5,261	0.65	1.59	7,917	5,146	0.65	1.66	7,704	5,007	0.65	1.78
26	22	8,627	4,572	0.53	1.63	8,449	4,478	0.53	1.72	8,236	4,365	0.53	1.83
27	16	7,029	6,537	0.93	1.51	6,816	6,339	0.93	1.60	6,603	6,141	0.93	1.69
27	18	7,526	6,096	0.81	1.54	7,313	5,924	0.81	1.63	7,065	5,722	0.81	1.74
27	20	8,094	5,585	0.69	1.59	7,917	5,462	0.69	1.66	7,704	5,315	0.69	1.78
27	22	8,627	4,917	0.57	1.63	8,449	4,816	0.57	1.72	8,236	4,695	0.57	1.83
28	16	7,029	6,818	0.97	1.51	6,816	6,612	0.97	1.60	6,603	6,405	0.97	1.69
28	18	7,526	6,397	0.85	1.54	7,313	6,216	0.85	1.63	7,065	6,005	0.85	1.74
28	20	8,094	5,909	0.73	1.59	7,917	5,779	0.73	1.66	7,704	5,624	0.73	1.78
28	22	8,627	5,262	0.61	1.63	8,449	5,154	0.61	1.72	8,236	5,024	0.61	1.83
30	16	7,029	7,029	1.00	1.51	6,816	6,816	1.00	1.60	6,603	6,603	1.00	1.69
30	18	7,526	6,999	0.93	1.54	7,313	6,801	0.93	1.63	7,065	6,570	0.93	1.74
30	20	8,094	6,556	0.81	1.59	7,917	6,412	0.81	1.66	7,704	6,240	0.81	1.78
30	22	8,627	5,952	0.69	1.63	8,449	5,830	0.69	1.72	8,236	5,683	0.69	1.83
32	16	7,029	7,029	1.00	1.51	6,816	6,816	1.00	1.60	6,603	6,603	1.00	1.69
32	18	7,526	7,526	1.00	1.54	7,313	7,313	1.00	1.63	7,065	7,065	1.00	1.74
32	20	8,094	7,204	0.89	1.59	7,917	7,046	0.89	1.66	7,704	6,856	0.89	1.78
32	22	8,627	6,642	0.77	1.63	8,449	6,506	0.77	1.72	8,236	6,342	0.77	1.83
34	16	7,029	7,029	1.00	1.51	6,816	6,816	1.00	1.60	6,603	6,603	1.00	1.69
34	18	7,526	7,526	1.00	1.54	7,313	7,313	1.00	1.63	7,065	7,065	1.00	1.74
34	20	8,094	7,851	0.97	1.59	7,917	7,679	0.97	1.66	7,704	7,472	0.97	1.78
34	22	8,627	7,333	0.85	1.63	8,449	7,182	0.85	1.72	8,236	7,001	0.85	1.83

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,107	0.65	1.81	6,035	3,923	0.65	1.95	5,751	3,738	0.65	2.11
20	18	6,816	3,612	0.53	1.86	6,603	3,500	0.53	2.00	6,177	3,274	0.53	2.15
20	20	7,384	3,027	0.41	1.91	7,100	2,911	0.41	2.04	6,674	2,736	0.41	2.19
22	16	6,319	4,613	0.73	1.81	6,035	4,406	0.73	1.95	5,751	4,198	0.73	2.11
22	18	6,816	4,158	0.61	1.86	6,603	4,028	0.61	2.00	6,177	3,768	0.61	2.15
22	20	7,384	3,618	0.49	1.91	7,100	3,479	0.49	2.04	6,674	3,270	0.49	2.19
24	16	6,319	5,118	0.81	1.81	6,035	4,888	0.81	1.95	5,751	4,658	0.81	2.11
24	18	6,816	4,703	0.69	1.86	6,603	4,556	0.69	2.00	6,177	4,262	0.69	2.15
24	20	7,384	4,209	0.57	1.91	7,100	4,047	0.57	2.04	6,674	3,804	0.57	2.19
24	22	7,952	3,578	0.45	1.95	7,668	3,451	0.45	2.10	7,242	3,259	0.45	2.23
26	16	6,319	5,624	0.89	1.81	6,035	5,371	0.89	1.95	5,751	5,118	0.89	2.11
26	18	6,816	5,248	0.77	1.86	6,603	5,084	0.77	2.00	6,177	4,756	0.77	2.15
26	20	7,384	4,800	0.65	1.91	7,100	4,615	0.65	2.04	6,674	4,338	0.65	2.19
26	22	7,952	4,215	0.53	1.95	7,668	4,064	0.53	2.10	7,242	3,838	0.53	2.23
27	16	6,319	5,877	0.93	1.81	6,035	5,613	0.93	1.95	5,751	5,348	0.93	2.11
27	18	6,816	5,521	0.81	1.86	6,603	5,348	0.81	2.00	6,177	5,003	0.81	2.15
27	20	7,384	5,095	0.69	1.91	7,100	4,899	0.69	2.04	6,674	4,605	0.69	2.19
27	22	7,952	4,533	0.57	1.95	7,668	4,371	0.57	2.10	7,242	4,128	0.57	2.23
28	16	6,319	6,129	0.97	1.81	6,035	5,854	0.97	1.95	5,751	5,578	0.97	2.11
28	18	6,816	5,794	0.85	1.86	6,603	5,613	0.85	2.00	6,177	5,250	0.85	2.15
28	20	7,384	5,390	0.73	1.91	7,100	5,183	0.73	2.04	6,674	4,872	0.73	2.19
28	22	7,952	4,851	0.61	1.95	7,668	4,677	0.61	2.10	7,242	4,418	0.61	2.23
30	16	6,319	6,319	1.00	1.81	6,035	6,035	1.00	1.95	5,751	5,751	1.00	2.11
30	18	6,816	6,339	0.93	1.86	6,603	6,141	0.93	2.00	6,177	5,745	0.93	2.15
30	20	7,384	5,981	0.81	1.91	7,100	5,751	0.81	2.04	6,674	5,406	0.81	2.19
30	22	7,952	5,487	0.69	1.95	7,668	5,291	0.69	2.10	7,242	4,997	0.69	2.23
32	16	6,319	6,319	1.00	1.81	6,035	6,035	1.00	1.95	5,751	5,751	1.00	2.11
32	18	6,816	6,816	1.00	1.86	6,603	6,603	1.00	2.00	6,177	6,177	1.00	2.15
32	20	7,384	6,572	0.89	1.91	7,100	6,319	0.89	2.04	6,674	5,940	0.89	2.19
32	22	7,952	6,123	0.77	1.95	7,668	5,904	0.77	2.10	7,242	5,576	0.77	2.23
34	16	6,319	6,319	1.00	1.81	6,035	6,035	1.00	1.95	5,751	5,751	1.00	2.11
34	18	6,816	6,816	1.00	1.86	6,603	6,603	1.00	2.00	6,177	6,177	1.00	2.15
34	20	7,384	7,162	0.97	1.91	7,100	6,887	0.97	2.04	6,674	6,474	0.97	2.19
34	22	7,952	6,759	0.85	1.95	7,668	6,518	0.85	2.10	7,242	6,156	0.85	2.23

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PSA-RP100KA / PUHZ-ZRP100VKA2, PUHZ-ZRP100YKA2

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	20 SHC (W)	20 SHF	20 P.C.	25 CA	25 SHC (W)	25 SHF	25 P.C.	30 CA	30 SHC (W)	30 SHF	30 P.C.
20	16	9,405	5,925	0.63	2.00	9,120	5,746	0.63	2.11	8,835	5,566	0.63	2.24
20	18	10,070	5,136	0.51	2.04	9,785	4,990	0.51	2.15	9,453	4,821	0.51	2.30
20	20	10,830	4,224	0.39	2.10	10,593	4,131	0.39	2.20	10,308	4,020	0.39	2.35
22	16	9,405	6,678	0.71	2.00	9,120	6,475	0.71	2.11	8,835	6,273	0.71	2.24
22	18	10,070	5,941	0.59	2.04	9,785	5,773	0.59	2.15	9,453	5,577	0.59	2.30
22	20	10,830	5,090	0.47	2.10	10,593	4,978	0.47	2.20	10,308	4,845	0.47	2.35
24	16	9,405	7,430	0.79	2.00	9,120	7,205	0.79	2.11	8,835	6,980	0.79	2.24
24	18	10,070	6,747	0.67	2.04	9,785	6,556	0.67	2.15	9,453	6,333	0.67	2.30
24	20	10,830	5,957	0.55	2.10	10,593	5,826	0.55	2.20	10,308	5,669	0.55	2.35
24	22	11,543	4,963	0.43	2.15	11,305	4,861	0.43	2.28	11,020	4,739	0.43	2.43
26	16	9,405	8,182	0.87	2.00	9,120	7,934	0.87	2.11	8,835	7,686	0.87	2.24
26	18	10,070	7,553	0.75	2.04	9,785	7,339	0.75	2.15	9,453	7,089	0.75	2.30
26	20	10,830	6,823	0.63	2.10	10,593	6,673	0.63	2.20	10,308	6,494	0.63	2.35
26	22	11,543	5,887	0.51	2.15	11,305	5,766	0.51	2.28	11,020	5,620	0.51	2.43
27	16	9,405	8,559	0.91	2.00	9,120	8,299	0.91	2.11	8,835	8,040	0.91	2.24
27	18	10,070	7,955	0.79	2.04	9,785	7,730	0.79	2.15	9,453	7,467	0.79	2.30
27	20	10,830	7,256	0.67	2.10	10,593	7,097	0.67	2.20	10,308	6,906	0.67	2.35
27	22	11,543	6,348	0.55	2.15	11,305	6,218	0.55	2.28	11,020	6,061	0.55	2.43
28	16	9,405	8,935	0.95	2.00	9,120	8,664	0.95	2.11	8,835	8,393	0.95	2.24
28	18	10,070	8,358	0.83	2.04	9,785	8,122	0.83	2.15	9,453	7,846	0.83	2.30
28	20	10,830	7,689	0.71	2.10	10,593	7,521	0.71	2.20	10,308	7,318	0.71	2.35
28	22	11,543	6,810	0.59	2.15	11,305	6,670	0.59	2.28	11,020	6,502	0.59	2.43
30	16	9,405	9,405	1.00	2.00	9,120	9,120	1.00	2.11	8,835	8,835	1.00	2.24
30	18	10,070	9,164	0.91	2.04	9,785	8,904	0.91	2.15	9,453	8,602	0.91	2.30
30	20	10,830	8,556	0.79	2.10	10,593	8,368	0.79	2.20	10,308	8,143	0.79	2.35
30	22	11,543	7,733	0.67	2.15	11,305	7,574	0.67	2.28	11,020	7,383	0.67	2.43
32	16	9,405	9,405	1.00	2.00	9,120	9,120	1.00	2.11	8,835	8,835	1.00	2.24
32	18	10,070	9,969	0.99	2.04	9,785	9,687	0.99	2.15	9,453	9,358	0.99	2.30
32	20	10,830	9,422	0.87	2.10	10,593	9,215	0.87	2.20	10,308	8,968	0.87	2.35
32	22	11,543	8,657	0.75	2.15	11,305	8,479	0.75	2.28	11,020	8,265	0.75	2.43
34	16	9,405	9,405	1.00	2.00	9,120	9,120	1.00	2.11	8,835	8,835	1.00	2.24
34	18	10,070	10,070	1.00	2.04	9,785	9,785	1.00	2.15	9,453	9,453	1.00	2.30
34	20	10,830	10,289	0.95	2.10	10,593	10,063	0.95	2.20	10,308	9,792	0.95	2.35
34	22	11,543	9,580	0.83	2.15	11,305	9,383	0.83	2.28	11,020	9,147	0.83	2.43

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	35 SHC (W)	35 SHF	35 P.C.	40 CA	40 SHC (W)	40 SHF	40 P.C.	45 CA	45 SHC (W)	45 SHF	45 P.C.
20	16	8,455	5,327	0.63	2.40	8,075	5,087	0.63	2.58	7,695	4,848	0.63	2.79
20	18	9,120	4,651	0.51	2.46	8,835	4,506	0.51	2.65	8,265	4,215	0.51	2.85
20	20	9,880	3,853	0.39	2.53	9,500	3,705	0.39	2.70	8,930	3,483	0.39	2.90
22	16	8,455	6,003	0.71	2.40	8,075	5,733	0.71	2.58	7,695	5,463	0.71	2.79
22	18	9,120	5,381	0.59	2.46	8,835	5,213	0.59	2.65	8,265	4,876	0.59	2.85
22	20	9,880	4,644	0.47	2.53	9,500	4,465	0.47	2.70	8,930	4,197	0.47	2.90
24	16	8,455	6,679	0.79	2.40	8,075	6,379	0.79	2.58	7,695	6,079	0.79	2.79
24	18	9,120	6,110	0.67	2.46	8,835	5,919	0.67	2.65	8,265	5,538	0.67	2.85
24	20	9,880	5,434	0.55	2.53	9,500	5,225	0.55	2.70	8,930	4,912	0.55	2.90
24	22	10,640	4,575	0.43	2.58	10,260	4,412	0.43	2.78	9,690	4,167	0.43	2.95
26	16	8,455	7,356	0.87	2.40	8,075	7,025	0.87	2.58	7,695	6,695	0.87	2.79
26	18	9,120	6,840	0.75	2.46	8,835	6,626	0.75	2.65	8,265	6,199	0.75	2.85
26	20	9,880	6,224	0.63	2.53	9,500	5,985	0.63	2.70	8,930	5,626	0.63	2.90
26	22	10,640	5,426	0.51	2.58	10,260	5,233	0.51	2.78	9,690	4,942	0.51	2.95
27	16	8,455	7,694	0.91	2.40	8,075	7,348	0.91	2.58	7,695	7,002	0.91	2.79
27	18	9,120	7,205	0.79	2.46	8,835	6,980	0.79	2.65	8,265	6,529	0.79	2.85
27	20	9,880	6,620	0.67	2.53	9,500	6,365	0.67	2.70	8,930	5,983	0.67	2.90
27	22	10,640	5,852	0.55	2.58	10,260	5,643	0.55	2.78	9,690	5,330	0.55	2.95
28	16	8,455	8,032	0.95	2.40	8,075	7,671	0.95	2.58	7,695	7,310	0.95	2.79
28	18	9,120	7,570	0.83	2.46	8,835	7,333	0.83	2.65	8,265	6,860	0.83	2.85
28	20	9,880	7,015	0.71	2.53	9,500	6,745	0.71	2.70	8,930	6,340	0.71	2.90
28	22	10,640	6,278	0.59	2.58	10,260	6,053	0.59	2.78	9,690	5,717	0.59	2.95
30	16	8,455	8,455	1.00	2.40	8,075	8,075	1.00	2.58	7,695	7,695	1.00	2.79
30	18	9,120	8,299	0.91	2.46	8,835	8,040	0.91	2.65	8,265	7,521	0.91	2.85
30	20	9,880	7,805	0.79	2.53	9,500	7,505	0.79	2.70	8,930	7,055	0.79	2.90
30	22	10,640	7,129	0.67	2.58	10,260	6,874	0.67	2.78	9,690	6,492	0.67	2.95
32	16	8,455	8,455	1.00	2.40	8,075	8,075	1.00	2.58	7,695	7,695	1.00	2.79
32	18	9,120	9,029	0.99	2.46	8,835	8,747	0.99	2.65	8,265	8,182	0.99	2.85
32	20	9,880	8,596	0.87	2.53	9,500	8,265	0.87	2.70	8,930	7,769	0.87	2.90
32	22	10,640	7,980	0.75	2.58	10,260	7,695	0.75	2.78	9,690	7,268	0.75	2.95
34	16	8,455	8,455	1.00	2.40	8,075	8,075	1.00	2.58	7,695	7,695	1.00	2.79
34	18	9,120	9,120	1.00	2.46	8,835	8,835	1.00	2.65	8,265	8,265	1.00	2.85
34	20	9,880	9,386	0.95	2.53	9,500	9,025	0.95	2.70	8,930	8,484	0.95	2.90
34	22	10,640	8,831	0.83	2.58	10,260	8,516	0.83	2.78	9,690	8,043	0.83	2.95

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PSA-RP125KA / PUHZ-ZRP125VKA2, PUHZ-ZRP125YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	7,673	0.62	3.27	12,000	7,440	0.62	3.46	11,625	7,208	0.62	3.66
20	18	13,250	6,625	0.50	3.33	12,875	6,438	0.50	3.52	12,438	6,219	0.50	3.76
20	20	14,250	5,415	0.38	3.44	13,938	5,296	0.38	3.60	13,563	5,154	0.38	3.84
22	16	12,375	8,663	0.70	3.27	12,000	8,400	0.70	3.46	11,625	8,138	0.70	3.66
22	18	13,250	7,685	0.58	3.33	12,875	7,468	0.58	3.52	12,438	7,214	0.58	3.76
22	20	14,250	6,555	0.46	3.44	13,938	6,411	0.46	3.60	13,563	6,239	0.46	3.84
24	16	12,375	9,653	0.78	3.27	12,000	9,360	0.78	3.46	11,625	9,068	0.78	3.66
24	18	13,250	8,745	0.66	3.33	12,875	8,498	0.66	3.52	12,438	8,209	0.66	3.76
24	20	14,250	7,695	0.54	3.44	13,938	7,526	0.54	3.60	13,563	7,324	0.54	3.84
24	22	15,188	6,379	0.42	3.52	14,875	6,248	0.42	3.72	14,500	6,090	0.42	3.97
26	16	12,375	10,643	0.86	3.27	12,000	10,320	0.86	3.46	11,625	9,998	0.86	3.66
26	18	13,250	9,805	0.74	3.33	12,875	9,528	0.74	3.52	12,438	9,204	0.74	3.76
26	20	14,250	8,835	0.62	3.44	13,938	8,641	0.62	3.60	13,563	8,409	0.62	3.84
26	22	15,188	7,594	0.50	3.52	14,875	7,438	0.50	3.72	14,500	7,250	0.50	3.97
27	16	12,375	11,138	0.90	3.27	12,000	10,800	0.90	3.46	11,625	10,463	0.90	3.66
27	18	13,250	10,335	0.78	3.33	12,875	10,043	0.78	3.52	12,438	9,701	0.78	3.76
27	20	14,250	9,405	0.66	3.44	13,938	9,199	0.66	3.60	13,563	8,951	0.66	3.84
27	22	15,188	8,201	0.54	3.52	14,875	8,033	0.54	3.72	14,500	7,830	0.54	3.97
28	16	12,375	11,633	0.94	3.27	12,000	11,280	0.94	3.46	11,625	10,928	0.94	3.66
28	18	13,250	10,865	0.82	3.33	12,875	10,558	0.82	3.52	12,438	10,199	0.82	3.76
28	20	14,250	9,975	0.70	3.44	13,938	9,756	0.70	3.60	13,563	9,494	0.70	3.84
28	22	15,188	8,809	0.58	3.52	14,875	8,628	0.58	3.72	14,500	8,410	0.58	3.97
30	16	12,375	12,375	1.00	3.27	12,000	12,000	1.00	3.46	11,625	11,625	1.00	3.66
30	18	13,250	11,925	0.90	3.33	12,875	11,588	0.90	3.52	12,438	11,194	0.90	3.76
30	20	14,250	11,115	0.78	3.44	13,938	10,871	0.78	3.60	13,563	10,579	0.78	3.84
30	22	15,188	10,024	0.66	3.52	14,875	9,818	0.66	3.72	14,500	9,570	0.66	3.97
32	16	12,375	12,375	1.00	3.27	12,000	12,000	1.00	3.46	11,625	11,625	1.00	3.66
32	18	13,250	12,985	0.98	3.33	12,875	12,618	0.98	3.52	12,438	12,189	0.98	3.76
32	20	14,250	12,255	0.86	3.44	13,938	11,986	0.86	3.60	13,563	11,664	0.86	3.84
32	22	15,188	11,239	0.74	3.52	14,875	11,008	0.74	3.72	14,500	10,730	0.74	3.97
34	16	12,375	12,375	1.00	3.27	12,000	12,000	1.00	3.46	11,625	11,625	1.00	3.66
34	18	13,250	13,250	1.00	3.33	12,875	12,875	1.00	3.52	12,438	12,438	1.00	3.76
34	20	14,250	13,395	0.94	3.44	13,938	13,101	0.94	3.60	13,563	12,749	0.94	3.84
34	22	15,188	12,454	0.82	3.52	14,875	12,198	0.82	3.72	14,500	11,890	0.82	3.97

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	6,898	0.62	3.93	10,625	6,588	0.62	4.21	10,125	6,278	0.62	4.56
20	18	12,000	6,000	0.50	4.03	11,625	5,813	0.50	4.34	10,875	5,438	0.50	4.66
20	20	13,000	4,940	0.38	4.13	12,500	4,750	0.38	4.42	11,750	4,465	0.38	4.74
22	16	11,125	7,788	0.70	3.93	10,625	7,438	0.70	4.21	10,125	7,088	0.70	4.56
22	18	12,000	6,960	0.58	4.03	11,625	6,743	0.58	4.34	10,875	6,308	0.58	4.66
22	20	13,000	5,980	0.46	4.13	12,500	5,750	0.46	4.42	11,750	5,405	0.46	4.74
24	16	11,125	8,678	0.78	3.93	10,625	8,288	0.78	4.21	10,125	7,898	0.78	4.56
24	18	12,000	7,920	0.66	4.03	11,625	7,673	0.66	4.34	10,875	7,178	0.66	4.66
24	20	13,000	7,020	0.54	4.13	12,500	6,750	0.54	4.42	11,750	6,345	0.54	4.74
24	22	14,000	5,880	0.42	4.21	13,500	5,670	0.42	4.54	12,750	5,355	0.42	4.83
26	16	11,125	9,568	0.86	3.93	10,625	9,138	0.86	4.21	10,125	8,708	0.86	4.56
26	18	12,000	8,880	0.74	4.03	11,625	8,603	0.74	4.34	10,875	8,048	0.74	4.66
26	20	13,000	8,060	0.62	4.13	12,500	7,750	0.62	4.42	11,750	7,285	0.62	4.74
26	22	14,000	7,000	0.50	4.21	13,500	6,750	0.50	4.54	12,750	6,375	0.50	4.83
27	16	11,125	10,013	0.90	3.93	10,625	9,563	0.90	4.21	10,125	9,113	0.90	4.56
27	18	12,000	9,360	0.78	4.03	11,625	9,068	0.78	4.34	10,875	8,483	0.78	4.66
27	20	13,000	8,580	0.66	4.13	12,500	8,250	0.66	4.42	11,750	7,755	0.66	4.74
27	22	14,000	7,560	0.54	4.21	13,500	7,290	0.54	4.54	12,750	6,885	0.54	4.83
28	16	11,125	10,458	0.94	3.93	10,625	9,988	0.94	4.21	10,125	9,518	0.94	4.56
28	18	12,000	9,840	0.82	4.03	11,625	9,533	0.82	4.34	10,875	8,918	0.82	4.66
28	20	13,000	9,100	0.70	4.13	12,500	8,750	0.70	4.42	11,750	8,225	0.70	4.74
28	22	14,000	8,120	0.58	4.21	13,500	7,830	0.58	4.54	12,750	7,395	0.58	4.83
30	16	11,125	11,125	1.00	3.93	10,625	10,625	1.00	4.21	10,125	10,125	1.00	4.56
30	18	12,000	10,800	0.90	4.03	11,625	10,463	0.90	4.34	10,875	9,788	0.90	4.66
30	20	13,000	10,140	0.78	4.13	12,500	9,750	0.78	4.42	11,750	9,165	0.78	4.74
30	22	14,000	9,240	0.66	4.21	13,500	8,910	0.66	4.54	12,750	8,415	0.66	4.83
32	16	11,125	11,125	1.00	3.93	10,625	10,625	1.00	4.21	10,125	10,125	1.00	4.56
32	18	12,000	11,760	0.98	4.03	11,625	11,393	0.98	4.34	10,875	10,658	0.98	4.66
32	20	13,000	11,180	0.86	4.13	12,500	10,750	0.86	4.42	11,750	10,105	0.86	4.74
32	22	14,000	10,360	0.74	4.21	13,500	9,990	0.74	4.54	12,750	9,435	0.74	4.83
34	16	11,125	11,125	1.00	3.93	10,625	10,625	1.00	4.21	10,125	10,125	1.00	4.56
34	18	12,000	12,000	1.00	4.03	11,625	11,625	1.00	4.34	10,875	10,875	1.00	4.66
34	20	13,000	12,220	0.94	4.13	12,500	11,750	0.94	4.42	11,750	11,045	0.94	4.74
34	22	14,000	11,480	0.82	4.21	13,500	11,070	0.82	4.54	12,750	10,455	0.82	4.83

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PSA-RP140KA / PUHZ-ZRP140VKA2, PUHZ-ZRP140YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	8,092	0.61	3.25	12,864	7,847	0.61	3.43	12,462	7,602	0.61	3.63
20	18	14,204	6,960	0.49	3.31	13,802	6,763	0.49	3.49	13,333	6,533	0.49	3.74
20	20	15,276	5,652	0.37	3.41	14,941	5,528	0.37	3.57	14,539	5,379	0.37	3.82
22	16	13,266	9,154	0.69	3.25	12,864	8,876	0.69	3.43	12,462	8,599	0.69	3.63
22	18	14,204	8,096	0.57	3.31	13,802	7,867	0.57	3.49	13,333	7,600	0.57	3.74
22	20	15,276	6,874	0.45	3.41	14,941	6,723	0.45	3.57	14,539	6,543	0.45	3.82
24	16	13,266	10,215	0.77	3.25	12,864	9,905	0.77	3.43	12,462	9,596	0.77	3.63
24	18	14,204	9,233	0.65	3.31	13,802	8,971	0.65	3.49	13,333	8,666	0.65	3.74
24	20	15,276	8,096	0.53	3.41	14,941	7,919	0.53	3.57	14,539	7,706	0.53	3.82
24	22	16,281	6,675	0.41	3.49	15,946	6,538	0.41	3.69	15,544	6,373	0.41	3.94
26	16	13,266	11,276	0.85	3.25	12,864	10,934	0.85	3.43	12,462	10,593	0.85	3.63
26	18	14,204	10,369	0.73	3.31	13,802	10,075	0.73	3.49	13,333	9,733	0.73	3.74
26	20	15,276	9,318	0.61	3.41	14,941	9,114	0.61	3.57	14,539	8,869	0.61	3.82
26	22	16,281	7,978	0.49	3.49	15,946	7,814	0.49	3.69	15,544	7,617	0.49	3.94
27	16	13,266	11,807	0.89	3.25	12,864	11,449	0.89	3.43	12,462	11,091	0.89	3.63
27	18	14,204	10,937	0.77	3.31	13,802	10,628	0.77	3.49	13,333	10,266	0.77	3.74
27	20	15,276	9,929	0.65	3.41	14,941	9,712	0.65	3.57	14,539	9,450	0.65	3.82
27	22	16,281	8,629	0.53	3.49	15,946	8,451	0.53	3.69	15,544	8,238	0.53	3.94
28	16	13,266	12,337	0.93	3.25	12,864	11,964	0.93	3.43	12,462	11,590	0.93	3.63
28	18	14,204	11,505	0.81	3.31	13,802	11,180	0.81	3.49	13,333	10,800	0.81	3.74
28	20	15,276	10,540	0.69	3.41	14,941	10,309	0.69	3.57	14,539	10,032	0.69	3.82
28	22	16,281	9,280	0.57	3.49	15,946	9,089	0.57	3.69	15,544	8,860	0.57	3.94
30	16	13,266	13,266	1.00	3.25	12,864	12,864	1.00	3.43	12,462	12,462	1.00	3.63
30	18	14,204	12,642	0.89	3.31	13,802	12,284	0.89	3.49	13,333	11,866	0.89	3.74
30	20	15,276	11,763	0.77	3.41	14,941	11,505	0.77	3.57	14,539	11,195	0.77	3.82
30	22	16,281	10,583	0.65	3.49	15,946	10,365	0.65	3.69	15,544	10,104	0.65	3.94
32	16	13,266	13,266	1.00	3.25	12,864	12,864	1.00	3.43	12,462	12,462	1.00	3.63
32	18	14,204	13,778	0.97	3.31	13,802	13,388	0.97	3.49	13,333	12,933	0.97	3.74
32	20	15,276	12,985	0.85	3.41	14,941	12,700	0.85	3.57	14,539	12,358	0.85	3.82
32	22	16,281	11,885	0.73	3.49	15,946	11,641	0.73	3.69	15,544	11,347	0.73	3.94
34	16	13,266	13,266	1.00	3.25	12,864	12,864	1.00	3.43	12,462	12,462	1.00	3.63
34	18	14,204	14,204	1.00	3.31	13,802	13,802	1.00	3.49	13,333	13,333	1.00	3.74
34	20	15,276	14,207	0.93	3.41	14,941	13,895	0.93	3.57	14,539	13,521	0.93	3.82
34	22	16,281	13,188	0.81	3.49	15,946	12,916	0.81	3.69	15,544	12,591	0.81	3.94

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	7,275	0.61	3.90	11,390	6,948	0.61	4.18	10,854	6,621	0.61	4.53
20	18	12,864	6,303	0.49	4.00	12,462	6,106	0.49	4.30	11,658	5,712	0.49	4.63
20	20	13,936	5,156	0.37	4.10	13,400	4,958	0.37	4.38	12,596	4,661	0.37	4.71
22	16	11,926	8,229	0.69	3.90	11,390	7,859	0.69	4.18	10,854	7,489	0.69	4.53
22	18	12,864	7,332	0.57	4.00	12,462	7,103	0.57	4.30	11,658	6,645	0.57	4.63
22	20	13,936	6,271	0.45	4.10	13,400	6,030	0.45	4.38	12,596	5,668	0.45	4.71
24	16	11,926	9,183	0.77	3.90	11,390	8,770	0.77	4.18	10,854	8,358	0.77	4.53
24	18	12,864	8,362	0.65	4.00	12,462	8,100	0.65	4.30	11,658	7,578	0.65	4.63
24	20	13,936	7,386	0.53	4.10	13,400	7,102	0.53	4.38	12,596	6,676	0.53	4.71
24	22	15,008	6,153	0.41	4.18	14,472	5,934	0.41	4.51	13,668	5,604	0.41	4.79
26	16	11,926	10,137	0.85	3.90	11,390	9,682	0.85	4.18	10,854	9,226	0.85	4.53
26	18	12,864	9,391	0.73	4.00	12,462	9,097	0.73	4.30	11,658	8,510	0.73	4.63
26	20	13,936	8,501	0.61	4.10	13,400	8,174	0.61	4.38	12,596	7,684	0.61	4.71
26	22	15,008	7,354	0.49	4.18	14,472	7,091	0.49	4.51	13,668	6,697	0.49	4.79
27	16	11,926	10,614	0.89	3.90	11,390	10,137	0.89	4.18	10,854	9,660	0.89	4.53
27	18	12,864	9,905	0.77	4.00	12,462	9,596	0.77	4.30	11,658	8,977	0.77	4.63
27	20	13,936	9,058	0.65	4.10	13,400	8,710	0.65	4.38	12,596	8,187	0.65	4.71
27	22	15,008	7,954	0.53	4.18	14,472	7,670	0.53	4.51	13,668	7,244	0.53	4.79
28	16	11,926	11,091	0.93	3.90	11,390	10,593	0.93	4.18	10,854	10,094	0.93	4.53
28	18	12,864	10,420	0.81	4.00	12,462	10,094	0.81	4.30	11,658	9,443	0.81	4.63
28	20	13,936	9,616	0.69	4.10	13,400	9,246	0.69	4.38	12,596	8,691	0.69	4.71
28	22	15,008	8,555	0.57	4.18	14,472	8,249	0.57	4.51	13,668	7,791	0.57	4.79
30	16	11,926	11,926	1.00	3.90	11,390	11,390	1.00	4.18	10,854	10,854	1.00	4.53
30	18	12,864	11,449	0.89	4.00	12,462	11,091	0.89	4.30	11,658	10,376	0.89	4.63
30	20	13,936	10,731	0.77	4.10	13,400	10,318	0.77	4.38	12,596	9,699	0.77	4.71
30	22	15,008	9,755	0.65	4.18	14,472	9,407	0.65	4.51	13,668	8,884	0.65	4.79
32	16	11,926	11,926	1.00	3.90	11,390	11,390	1.00	4.18	10,854	10,854	1.00	4.53
32	18	12,864	12,478	0.97	4.00	12,462	12,088	0.97	4.30	11,658	11,308	0.97	4.63
32	20	13,936	11,846	0.85	4.10	13,400	11,390	0.85	4.38	12,596	10,707	0.85	4.71
32	22	15,008	10,956	0.73	4.18	14,472	10,565	0.73	4.51	13,668	9,978	0.73	4.79
34	16	11,926	11,926	1.00	3.90	11,390	11,390	1.00	4.18	10,854	10,854	1.00	4.53
34	18	12,864	12,864	1.00	4.00	12,462	12,462	1.00	4.30	11,658	11,658	1.00	4.63
34	20	13,936	12,960	0.93	4.10	13,400	12,462	0.93	4.38	12,596	11,714	0.93	4.71
34	22	15,008	12,156	0.81	4.18	14,472	11,722	0.81	4.51	13,668	11,071	0.81	4.79

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

PSA-RP71KA/PUHZ-FRP71VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	4,569	0.65	1.58	6,816	4,430	0.65	1.66	6,603	4,292	0.65	1.76
20	18	7,526	3,989	0.53	1.61	7,313	3,876	0.53	1.69	7,065	3,744	0.53	1.81
20	20	8,094	3,319	0.41	1.65	7,917	3,246	0.41	1.73	7,704	3,158	0.41	1.85
22	16	7,029	5,131	0.73	1.58	6,816	4,976	0.73	1.66	6,603	4,820	0.73	1.76
22	18	7,526	4,591	0.61	1.61	7,313	4,461	0.61	1.69	7,065	4,309	0.61	1.81
22	20	8,094	3,966	0.49	1.65	7,917	3,879	0.49	1.73	7,704	3,775	0.49	1.85
24	16	7,029	5,693	0.81	1.58	6,816	5,521	0.81	1.66	6,603	5,348	0.81	1.76
24	18	7,526	5,193	0.69	1.61	7,313	5,046	0.69	1.69	7,065	4,875	0.69	1.81
24	20	8,094	4,614	0.57	1.65	7,917	4,512	0.57	1.73	7,704	4,391	0.57	1.85
24	22	8,627	3,882	0.45	1.69	8,449	3,802	0.45	1.79	8,236	3,706	0.45	1.91
26	16	7,029	6,256	0.89	1.58	6,816	6,066	0.89	1.66	6,603	5,877	0.89	1.76
26	18	7,526	5,795	0.77	1.61	7,313	5,631	0.77	1.69	7,065	5,440	0.77	1.81
26	20	8,094	5,261	0.65	1.65	7,917	5,146	0.65	1.73	7,704	5,007	0.65	1.85
26	22	8,627	4,572	0.53	1.69	8,449	4,478	0.53	1.79	8,236	4,365	0.53	1.91
27	16	7,029	6,537	0.93	1.58	6,816	6,339	0.93	1.66	6,603	6,141	0.93	1.76
27	18	7,526	6,096	0.81	1.61	7,313	5,924	0.81	1.69	7,065	5,722	0.81	1.81
27	20	8,094	5,585	0.69	1.65	7,917	5,462	0.69	1.73	7,704	5,315	0.69	1.85
27	22	8,627	4,917	0.57	1.69	8,449	4,816	0.57	1.79	8,236	4,695	0.57	1.91
28	16	7,029	6,818	0.97	1.58	6,816	6,612	0.97	1.66	6,603	6,405	0.97	1.76
28	18	7,526	6,397	0.85	1.61	7,313	6,216	0.85	1.69	7,065	6,005	0.85	1.81
28	20	8,094	5,909	0.73	1.65	7,917	5,779	0.73	1.73	7,704	5,624	0.73	1.85
28	22	8,627	5,262	0.61	1.69	8,449	5,154	0.61	1.79	8,236	5,024	0.61	1.91
30	16	7,029	7,029	1.00	1.58	6,816	6,816	1.00	1.66	6,603	6,603	1.00	1.76
30	18	7,526	6,999	0.93	1.61	7,313	6,801	0.93	1.69	7,065	6,570	0.93	1.81
30	20	8,094	6,556	0.81	1.65	7,917	6,412	0.81	1.73	7,704	6,240	0.81	1.85
30	22	8,627	5,952	0.69	1.69	8,449	5,830	0.69	1.79	8,236	5,683	0.69	1.91
32	16	7,029	7,029	1.00	1.58	6,816	6,816	1.00	1.66	6,603	6,603	1.00	1.76
32	18	7,526	7,526	1.00	1.61	7,313	7,313	1.00	1.69	7,065	7,065	1.00	1.81
32	20	8,094	7,204	0.89	1.65	7,917	7,046	0.89	1.73	7,704	6,856	0.89	1.85
32	22	8,627	6,642	0.77	1.69	8,449	6,506	0.77	1.79	8,236	6,342	0.77	1.91
34	16	7,029	7,029	1.00	1.58	6,816	6,816	1.00	1.66	6,603	6,603	1.00	1.76
34	18	7,526	7,526	1.00	1.61	7,313	7,313	1.00	1.69	7,065	7,065	1.00	1.81
34	20	8,094	7,851	0.97	1.65	7,917	7,679	0.97	1.73	7,704	7,472	0.97	1.85
34	22	8,627	7,333	0.85	1.69	8,449	7,182	0.85	1.79	8,236	7,001	0.85	1.91

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,107	0.65	1.81	6,035	3,923	0.65	1.95	5,751	3,738	0.65	2.11
20	18	6,816	3,612	0.53	1.86	6,603	3,500	0.53	2.00	6,177	3,274	0.53	2.15
20	20	7,384	3,027	0.41	1.91	7,100	2,911	0.41	2.04	6,674	2,736	0.41	2.19
22	16	6,319	4,613	0.73	1.81	6,035	4,406	0.73	1.95	5,751	4,198	0.73	2.11
22	18	6,816	4,158	0.61	1.86	6,603	4,028	0.61	2.00	6,177	3,768	0.61	2.15
22	20	7,384	3,618	0.49	1.91	7,100	3,479	0.49	2.04	6,674	3,270	0.49	2.19
24	16	6,319	5,118	0.81	1.81	6,035	4,888	0.81	1.95	5,751	4,658	0.81	2.11
24	18	6,816	4,703	0.69	1.86	6,603	4,556	0.69	2.00	6,177	4,262	0.69	2.15
24	20	7,384	4,209	0.57	1.91	7,100	4,047	0.57	2.04	6,674	3,804	0.57	2.19
24	22	7,952	3,578	0.45	1.95	7,668	3,451	0.45	2.10	7,242	3,259	0.45	2.23
26	16	6,319	5,624	0.89	1.81	6,035	5,371	0.89	1.95	5,751	5,118	0.89	2.11
26	18	6,816	5,248	0.77	1.86	6,603	5,084	0.77	2.00	6,177	4,756	0.77	2.15
26	20	7,384	4,800	0.65	1.91	7,100	4,615	0.65	2.04	6,674	4,338	0.65	2.19
26	22	7,952	4,215	0.53	1.95	7,668	4,064	0.53	2.10	7,242	3,838	0.53	2.23
27	16	6,319	5,877	0.93	1.81	6,035	5,613	0.93	1.95	5,751	5,348	0.93	2.11
27	18	6,816	5,521	0.81	1.86	6,603	5,348	0.81	2.00	6,177	5,003	0.81	2.15
27	20	7,384	5,095	0.69	1.91	7,100	4,899	0.69	2.04	6,674	4,605	0.69	2.19
27	22	7,952	4,533	0.57	1.95	7,668	4,371	0.57	2.10	7,242	4,128	0.57	2.23
28	16	6,319	6,129	0.97	1.81	6,035	5,854	0.97	1.95	5,751	5,578	0.97	2.11
28	18	6,816	5,794	0.85	1.86	6,603	5,613	0.85	2.00	6,177	5,250	0.85	2.15
28	20	7,384	5,390	0.73	1.91	7,100	5,183	0.73	2.04	6,674	4,872	0.73	2.19
28	22	7,952	4,851	0.61	1.95	7,668	4,677	0.61	2.10	7,242	4,418	0.61	2.23
30	16	6,319	6,319	1.00	1.81	6,035	6,035	1.00	1.95	5,751	5,751	1.00	2.11
30	18	6,816	6,339	0.93	1.86	6,603	6,141	0.93	2.00	6,177	5,745	0.93	2.15
30	20	7,384	5,981	0.81	1.91	7,100	5,751	0.81	2.04	6,674	5,406	0.81	2.19
30	22	7,952	5,487	0.69	1.95	7,668	5,291	0.69	2.10	7,242	4,997	0.69	2.23
32	16	6,319	6,319	1.00	1.81	6,035	6,035	1.00	1.95	5,751	5,751	1.00	2.11
32	18	6,816	6,816	1.00	1.86	6,603	6,603	1.00	2.00	6,177	6,177	1.00	2.15
32	20	7,384	6,572	0.89	1.91	7,100	6,319	0.89	2.04	6,674	5,940	0.89	2.19
32	22	7,952	6,123	0.77	1.95	7,668	5,904	0.77	2.10	7,242	5,576	0.77	2.23
34	16	6,319	6,319	1.00	1.81	6,035	6,035	1.00	1.95	5,751	5,751	1.00	2.11
34	18	6,816	6,816	1.00	1.86	6,603	6,603	1.00	2.00	6,177	6,177	1.00	2.15
34	20	7,384	7,162	0.97	1.91	7,100	6,887	0.97	2.04	6,674	6,474	0.97	2.19
34	22	7,952	6,759	0.85	1.95	7,668	6,518	0.85	2.10	7,242	6,156	0.85	2.23

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PSA-RP100KA / PUHZ-P100VHA4, PUHZ-P100YHA2

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	9,306	5,863	0.63	2.50	9,024	5,685	0.63	2.64	8,742	5,507	0.63	2.79
20	18	9,964	5,082	0.51	2.54	9,682	4,938	0.51	2.68	9,353	4,770	0.51	2.87
20	20	10,716	4,179	0.39	2.62	10,481	4,088	0.39	2.75	10,199	3,978	0.39	2.93
22	16	9,306	6,607	0.71	2.50	9,024	6,407	0.71	2.64	8,742	6,207	0.71	2.79
22	18	9,964	5,879	0.59	2.54	9,682	5,712	0.59	2.68	9,353	5,518	0.59	2.87
22	20	10,716	5,037	0.47	2.62	10,481	4,926	0.47	2.75	10,199	4,794	0.47	2.93
24	16	9,306	7,352	0.79	2.50	9,024	7,129	0.79	2.64	8,742	6,906	0.79	2.79
24	18	9,964	6,676	0.67	2.54	9,682	6,487	0.67	2.68	9,353	6,267	0.67	2.87
24	20	10,716	5,894	0.55	2.62	10,481	5,765	0.55	2.75	10,199	5,609	0.55	2.93
24	22	11,421	4,911	0.43	2.68	11,186	4,810	0.43	2.84	10,904	4,689	0.43	3.03
26	16	9,306	8,096	0.87	2.50	9,024	7,851	0.87	2.64	8,742	7,606	0.87	2.79
26	18	9,964	7,473	0.75	2.54	9,682	7,262	0.75	2.68	9,353	7,015	0.75	2.87
26	20	10,716	6,751	0.63	2.62	10,481	6,603	0.63	2.75	10,199	6,425	0.63	2.93
26	22	11,421	5,825	0.51	2.68	11,186	5,705	0.51	2.84	10,904	5,561	0.51	3.03
27	16	9,306	8,468	0.91	2.50	9,024	8,212	0.91	2.64	8,742	7,955	0.91	2.79
27	18	9,964	7,872	0.79	2.54	9,682	7,649	0.79	2.68	9,353	7,389	0.79	2.87
27	20	10,716	7,180	0.67	2.62	10,481	7,022	0.67	2.75	10,199	6,833	0.67	2.93
27	22	11,421	6,282	0.55	2.68	11,186	6,152	0.55	2.84	10,904	5,997	0.55	3.03
28	16	9,306	8,841	0.95	2.50	9,024	8,573	0.95	2.64	8,742	8,305	0.95	2.79
28	18	9,964	8,270	0.83	2.54	9,682	8,036	0.83	2.68	9,353	7,763	0.83	2.87
28	20	10,716	7,608	0.71	2.62	10,481	7,442	0.71	2.75	10,199	7,241	0.71	2.93
28	22	11,421	6,738	0.59	2.68	11,186	6,600	0.59	2.84	10,904	6,433	0.59	3.03
30	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
30	18	9,964	9,067	0.91	2.54	9,682	8,811	0.91	2.68	9,353	8,511	0.91	2.87
30	20	10,716	8,466	0.79	2.62	10,481	8,280	0.79	2.75	10,199	8,057	0.79	2.93
30	22	11,421	7,652	0.67	2.68	11,186	7,495	0.67	2.84	10,904	7,306	0.67	3.03
32	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
32	18	9,964	9,864	0.99	2.54	9,682	9,585	0.99	2.68	9,353	9,259	0.99	2.87
32	20	10,716	9,323	0.87	2.62	10,481	9,118	0.87	2.75	10,199	8,873	0.87	2.93
32	22	11,421	8,566	0.75	2.68	11,186	8,390	0.75	2.84	10,904	8,178	0.75	3.03
34	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
34	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
34	20	10,716	10,180	0.95	2.62	10,481	9,957	0.95	2.75	10,199	9,689	0.95	2.93
34	22	11,421	9,479	0.83	2.68	11,186	9,284	0.83	2.84	10,904	9,050	0.83	3.03

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	8,366	5,271	0.63	3.00	7,990	5,034	0.63	3.21	7,614	4,797	0.63	3.48
20	18	9,024	4,602	0.51	3.07	8,742	4,458	0.51	3.31	8,178	4,171	0.51	3.56
20	20	9,776	3,813	0.39	3.15	9,400	3,666	0.39	3.37	8,836	3,446	0.39	3.62
22	16	8,366	5,940	0.71	3.00	7,990	5,673	0.71	3.21	7,614	5,406	0.71	3.48
22	18	9,024	5,324	0.59	3.07	8,742	5,158	0.59	3.31	8,178	4,825	0.59	3.56
22	20	9,776	4,595	0.47	3.15	9,400	4,418	0.47	3.37	8,836	4,153	0.47	3.62
24	16	8,366	6,609	0.79	3.00	7,990	6,312	0.79	3.21	7,614	6,015	0.79	3.48
24	18	9,024	6,046	0.67	3.07	8,742	5,857	0.67	3.31	8,178	5,479	0.67	3.56
24	20	9,776	5,377	0.55	3.15	9,400	5,170	0.55	3.37	8,836	4,860	0.55	3.62
24	22	10,528	4,527	0.43	3.21	10,152	4,365	0.43	3.46	9,588	4,123	0.43	3.68
26	16	8,366	7,278	0.87	3.00	7,990	6,951	0.87	3.21	7,614	6,624	0.87	3.48
26	18	9,024	6,768	0.75	3.07	8,742	6,557	0.75	3.31	8,178	6,134	0.75	3.56
26	20	9,776	6,159	0.63	3.15	9,400	5,922	0.63	3.37	8,836	5,567	0.63	3.62
26	22	10,528	5,369	0.51	3.21	10,152	5,178	0.51	3.46	9,588	4,890	0.51	3.68
27	16	8,366	7,613	0.91	3.00	7,990	7,271	0.91	3.21	7,614	6,929	0.91	3.48
27	18	9,024	7,129	0.79	3.07	8,742	6,906	0.79	3.31	8,178	6,461	0.79	3.56
27	20	9,776	6,550	0.67	3.15	9,400	6,298	0.67	3.37	8,836	5,920	0.67	3.62
27	22	10,528	5,790	0.55	3.21	10,152	5,584	0.55	3.46	9,588	5,273	0.55	3.68
28	16	8,366	7,948	0.95	3.00	7,990	7,591	0.95	3.21	7,614	7,233	0.95	3.48
28	18	9,024	7,490	0.83	3.07	8,742	7,256	0.83	3.31	8,178	6,788	0.83	3.56
28	20	9,776	6,941	0.71	3.15	9,400	6,674	0.71	3.37	8,836	6,274	0.71	3.62
28	22	10,528	6,212	0.59	3.21	10,152	5,990	0.59	3.46	9,588	5,657	0.59	3.68
30	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
30	18	9,024	8,212	0.91	3.07	8,742	7,955	0.91	3.31	8,178	7,442	0.91	3.56
30	20	9,776	7,723	0.79	3.15	9,400	7,426	0.79	3.37	8,836	6,980	0.79	3.62
30	22	10,528	7,054	0.67	3.21	10,152	6,802	0.67	3.46	9,588	6,424	0.67	3.68
32	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
32	18	9,024	8,934	0.99	3.07	8,742	8,655	0.99	3.31	8,178	8,096	0.99	3.56
32	20	9,776	8,505	0.87	3.15	9,400	8,178	0.87	3.37	8,836	7,687	0.87	3.62
32	22	10,528	7,896	0.75	3.21	10,152	7,614	0.75	3.46	9,588	7,191	0.75	3.68
34	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
34	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
34	20	9,776	9,287	0.95	3.15	9,400	8,930	0.95	3.37	8,836	8,394	0.95	3.62
34	22	10,528	8,738	0.83	3.21	10,152	8,426	0.83	3.46	9,588	7,958	0.83	3.68

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PSA-RP125KA / PUHZ-P125VHA3, PUHZ-P125YHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,177	7,550	0.62	3.50	11,808	7,321	0.62	3.70	11,439	7,092	0.62	3.92
20	18	13,038	6,519	0.50	3.57	12,669	6,335	0.50	3.77	12,239	6,119	0.50	4.03
20	20	14,022	5,328	0.38	3.68	13,715	5,212	0.38	3.85	13,346	5,071	0.38	4.12
22	16	12,177	8,524	0.70	3.50	11,808	8,266	0.70	3.70	11,439	8,007	0.70	3.92
22	18	13,038	7,562	0.58	3.57	12,669	7,348	0.58	3.77	12,239	7,098	0.58	4.03
22	20	14,022	6,450	0.46	3.68	13,715	6,309	0.46	3.85	13,346	6,139	0.46	4.12
24	16	12,177	9,498	0.78	3.50	11,808	9,210	0.78	3.70	11,439	8,922	0.78	3.92
24	18	13,038	8,605	0.66	3.57	12,669	8,362	0.66	3.77	12,239	8,077	0.66	4.03
24	20	14,022	7,572	0.54	3.68	13,715	7,406	0.54	3.85	13,346	7,207	0.54	4.12
24	22	14,945	6,277	0.42	3.77	14,637	6,148	0.42	3.99	14,268	5,993	0.42	4.25
26	16	12,177	10,472	0.86	3.50	11,808	10,155	0.86	3.70	11,439	9,838	0.86	3.92
26	18	13,038	9,648	0.74	3.57	12,669	9,375	0.74	3.77	12,239	9,056	0.74	4.03
26	20	14,022	8,694	0.62	3.68	13,715	8,503	0.62	3.85	13,346	8,274	0.62	4.12
26	22	14,945	7,472	0.50	3.77	14,637	7,319	0.50	3.99	14,268	7,134	0.50	4.25
27	16	12,177	10,959	0.90	3.50	11,808	10,627	0.90	3.70	11,439	10,295	0.90	3.92
27	18	13,038	10,170	0.78	3.57	12,669	9,882	0.78	3.77	12,239	9,546	0.78	4.03
27	20	14,022	9,255	0.66	3.68	13,715	9,052	0.66	3.85	13,346	8,808	0.66	4.12
27	22	14,945	8,070	0.54	3.77	14,637	7,904	0.54	3.99	14,268	7,705	0.54	4.25
28	16	12,177	11,446	0.94	3.50	11,808	11,100	0.94	3.70	11,439	10,753	0.94	3.92
28	18	13,038	10,691	0.82	3.57	12,669	10,389	0.82	3.77	12,239	10,036	0.82	4.03
28	20	14,022	9,815	0.70	3.68	13,715	9,600	0.70	3.85	13,346	9,342	0.70	4.12
28	22	14,945	8,668	0.58	3.77	14,637	8,489	0.58	3.99	14,268	8,275	0.58	4.25
30	16	12,177	12,177	1.00	3.50	11,808	11,808	1.00	3.70	11,439	11,439	1.00	3.92
30	18	13,038	11,734	0.90	3.57	12,669	11,402	0.90	3.77	12,239	11,015	0.90	4.03
30	20	14,022	10,937	0.78	3.68	13,715	10,697	0.78	3.85	13,346	10,409	0.78	4.12
30	22	14,945	9,863	0.66	3.77	14,637	9,660	0.66	3.99	14,268	9,417	0.66	4.25
32	16	12,177	12,177	1.00	3.50	11,808	11,808	1.00	3.70	11,439	11,439	1.00	3.92
32	18	13,038	12,777	0.98	3.57	12,669	12,416	0.98	3.77	12,239	11,994	0.98	4.03
32	20	14,022	12,059	0.86	3.68	13,715	11,794	0.86	3.85	13,346	11,477	0.86	4.12
32	22	14,945	11,059	0.74	3.77	14,637	10,831	0.74	3.99	14,268	10,558	0.74	4.25
34	16	12,177	12,177	1.00	3.50	11,808	11,808	1.00	3.70	11,439	11,439	1.00	3.92
34	18	13,038	13,038	1.00	3.57	12,669	12,669	1.00	3.77	12,239	12,239	1.00	4.03
34	20	14,022	13,181	0.94	3.68	13,715	12,892	0.94	3.85	13,346	12,545	0.94	4.12
34	22	14,945	12,254	0.82	3.77	14,637	12,002	0.82	3.99	14,268	11,700	0.82	4.25

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,947	6,787	0.62	4.20	10,455	6,482	0.62	4.51	9,963	6,177	0.62	4.88
20	18	11,808	5,904	0.50	4.31	11,439	5,720	0.50	4.64	10,701	5,351	0.50	4.99
20	20	12,792	4,861	0.38	4.42	12,300	4,674	0.38	4.73	11,562	4,394	0.38	5.08
22	16	10,947	7,663	0.70	4.20	10,455	7,319	0.70	4.51	9,963	6,974	0.70	4.88
22	18	11,808	6,849	0.58	4.31	11,439	6,635	0.58	4.64	10,701	6,207	0.58	4.99
22	20	12,792	5,884	0.46	4.42	12,300	5,658	0.46	4.73	11,562	5,319	0.46	5.08
24	16	10,947	8,539	0.78	4.20	10,455	8,155	0.78	4.51	9,963	7,771	0.78	4.88
24	18	11,808	7,793	0.66	4.31	11,439	7,550	0.66	4.64	10,701	7,063	0.66	4.99
24	20	12,792	6,908	0.54	4.42	12,300	6,642	0.54	4.73	11,562	6,243	0.54	5.08
24	22	13,776	5,786	0.42	4.51	13,284	5,579	0.42	4.86	12,546	5,269	0.42	5.17
26	16	10,947	9,414	0.86	4.20	10,455	8,991	0.86	4.51	9,963	8,568	0.86	4.88
26	18	11,808	8,738	0.74	4.31	11,439	8,465	0.74	4.64	10,701	7,919	0.74	4.99
26	20	12,792	7,931	0.62	4.42	12,300	7,626	0.62	4.73	11,562	7,168	0.62	5.08
26	22	13,776	6,888	0.50	4.51	13,284	6,642	0.50	4.86	12,546	6,273	0.50	5.17
27	16	10,947	9,852	0.90	4.20	10,455	9,410	0.90	4.51	9,963	8,967	0.90	4.88
27	18	11,808	9,210	0.78	4.31	11,439	8,922	0.78	4.64	10,701	8,347	0.78	4.99
27	20	12,792	8,443	0.66	4.42	12,300	8,118	0.66	4.73	11,562	7,631	0.66	5.08
27	22	13,776	7,439	0.54	4.51	13,284	7,173	0.54	4.86	12,546	6,775	0.54	5.17
28	16	10,947	10,290	0.94	4.20	10,455	9,828	0.94	4.51	9,963	9,365	0.94	4.88
28	18	11,808	9,683	0.82	4.31	11,439	9,380	0.82	4.64	10,701	8,775	0.82	4.99
28	20	12,792	8,954	0.70	4.42	12,300	8,610	0.70	4.73	11,562	8,093	0.70	5.08
28	22	13,776	7,990	0.58	4.51	13,284	7,705	0.58	4.86	12,546	7,277	0.58	5.17
30	16	10,947	10,947	1.00	4.20	10,455	10,455	1.00	4.51	9,963	9,963	1.00	4.88
30	18	11,808	10,627	0.90	4.31	11,439	10,295	0.90	4.64	10,701	9,631	0.90	4.99
30	20	12,792	9,978	0.78	4.42	12,300	9,594	0.78	4.73	11,562	9,018	0.78	5.08
30	22	13,776	9,092	0.66	4.51	13,284	8,767	0.66	4.86	12,546	8,280	0.66	5.17
32	16	10,947	10,947	1.00	4.20	10,455	10,455	1.00	4.51	9,963	9,963	1.00	4.88
32	18	11,808	11,572	0.98	4.31	11,439	11,210	0.98	4.64	10,701	10,487	0.98	4.99
32	20	12,792	11,001	0.86	4.42	12,300	10,578	0.86	4.73	11,562	9,943	0.86	5.08
32	22	13,776	10,194	0.74	4.51	13,284	9,830	0.74	4.86	12,546	9,284	0.74	5.17
34	16	10,947	10,947	1.00	4.20	10,455	10,455	1.00	4.51	9,963	9,963	1.00	4.88
34	18	11,808	11,808	1.00	4.31	11,439	11,439	1.00	4.64	10,701	10,701	1.00	4.99
34	20	12,792	12,024	0.94	4.42	12,300	11,562	0.94	4.73	11,562	10,868	0.94	5.08
34	22	13,776	11,296	0.82	4.51	13,284	10,893	0.82	4.86	12,546	10,288	0.82	5.17

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PSA-RP140KA / PUHZ-P140VHA3, PUHZ-P140YHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,464	8,213	0.61	4.51	13,056	7,964	0.61	4.77	12,648	7,715	0.61	5.05
20	18	14,416	7,064	0.49	4.60	14,008	6,864	0.49	4.85	13,532	6,631	0.49	5.19
20	20	15,504	5,736	0.37	4.74	15,164	5,611	0.37	4.96	14,756	5,460	0.37	5.30
22	16	13,464	9,290	0.69	4.51	13,056	9,009	0.69	4.77	12,648	8,727	0.69	5.05
22	18	14,416	8,217	0.57	4.60	14,008	7,985	0.57	4.85	13,532	7,713	0.57	5.19
22	20	15,504	6,977	0.45	4.74	15,164	6,824	0.45	4.96	14,756	6,640	0.45	5.30
24	16	13,464	10,367	0.77	4.51	13,056	10,053	0.77	4.77	12,648	9,739	0.77	5.05
24	18	14,416	9,370	0.65	4.60	14,008	9,105	0.65	4.85	13,532	8,796	0.65	5.19
24	20	15,504	8,217	0.53	4.74	15,164	8,037	0.53	4.96	14,756	7,821	0.53	5.30
24	22	16,524	6,775	0.41	4.85	16,184	6,635	0.41	5.13	15,776	6,468	0.41	5.47
26	16	13,464	11,444	0.85	4.51	13,056	11,098	0.85	4.77	12,648	10,751	0.85	5.05
26	18	14,416	10,524	0.73	4.60	14,008	10,226	0.73	4.85	13,532	9,878	0.73	5.19
26	20	15,504	9,457	0.61	4.74	15,164	9,250	0.61	4.96	14,756	9,001	0.61	5.30
26	22	16,524	8,097	0.49	4.85	16,184	7,930	0.49	5.13	15,776	7,730	0.49	5.47
27	16	13,464	11,983	0.89	4.51	13,056	11,620	0.89	4.77	12,648	11,257	0.89	5.05
27	18	14,416	11,100	0.77	4.60	14,008	10,786	0.77	4.85	13,532	10,420	0.77	5.19
27	20	15,504	10,078	0.65	4.74	15,164	9,857	0.65	4.96	14,756	9,591	0.65	5.30
27	22	16,524	8,758	0.53	4.85	16,184	8,578	0.53	5.13	15,776	8,361	0.53	5.47
28	16	13,464	12,522	0.93	4.51	13,056	12,142	0.93	4.77	12,648	11,763	0.93	5.05
28	18	14,416	11,677	0.81	4.60	14,008	11,346	0.81	4.85	13,532	10,961	0.81	5.19
28	20	15,504	10,698	0.69	4.74	15,164	10,463	0.69	4.96	14,756	10,182	0.69	5.30
28	22	16,524	9,419	0.57	4.85	16,184	9,225	0.57	5.13	15,776	8,992	0.57	5.47
30	16	13,464	13,464	1.00	4.51	13,056	13,056	1.00	4.77	12,648	12,648	1.00	5.05
30	18	14,416	12,830	0.89	4.60	14,008	12,467	0.89	4.85	13,532	12,043	0.89	5.19
30	20	15,504	11,938	0.77	4.74	15,164	11,676	0.77	4.96	14,756	11,362	0.77	5.30
30	22	16,524	10,741	0.65	4.85	16,184	10,520	0.65	5.13	15,776	10,254	0.65	5.47
32	16	13,464	13,464	1.00	4.51	13,056	13,056	1.00	4.77	12,648	12,648	1.00	5.05
32	18	14,416	13,984	0.97	4.60	14,008	13,588	0.97	4.85	13,532	13,126	0.97	5.19
32	20	15,504	13,178	0.85	4.74	15,164	12,889	0.85	4.96	14,756	12,543	0.85	5.30
32	22	16,524	12,063	0.73	4.85	16,184	11,814	0.73	5.13	15,776	11,516	0.73	5.47
34	16	13,464	13,464	1.00	4.51	13,056	13,056	1.00	4.77	12,648	12,648	1.00	5.05
34	18	14,416	14,416	1.00	4.60	14,008	14,008	1.00	4.85	13,532	13,532	1.00	5.19
34	20	15,504	14,419	0.93	4.74	15,164	14,103	0.93	4.96	14,756	13,723	0.93	5.30
34	22	16,524	13,384	0.81	4.85	16,184	13,109	0.81	5.13	15,776	12,779	0.81	5.47

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,104	7,383	0.61	5.41	11,560	7,052	0.61	5.81	11,016	6,720	0.61	6.29
20	18	13,056	6,397	0.49	5.56	12,648	6,198	0.49	5.98	11,832	5,798	0.49	6.43
20	20	14,144	5,233	0.37	5.70	13,600	5,032	0.37	6.09	12,784	4,730	0.37	6.54
22	16	12,104	8,352	0.69	5.41	11,560	7,976	0.69	5.81	11,016	7,601	0.69	6.29
22	18	13,056	7,442	0.57	5.56	12,648	7,209	0.57	5.98	11,832	6,744	0.57	6.43
22	20	14,144	6,365	0.45	5.70	13,600	6,120	0.45	6.09	12,784	5,753	0.45	6.54
24	16	12,104	9,320	0.77	5.41	11,560	8,901	0.77	5.81	11,016	8,482	0.77	6.29
24	18	13,056	8,486	0.65	5.56	12,648	8,221	0.65	5.98	11,832	7,691	0.65	6.43
24	20	14,144	7,496	0.53	5.70	13,600	7,208	0.53	6.09	12,784	6,776	0.53	6.54
24	22	15,232	6,245	0.41	5.81	14,688	6,022	0.41	6.26	13,872	5,688	0.41	6.66
26	16	12,104	10,288	0.85	5.41	11,560	9,826	0.85	5.81	11,016	9,364	0.85	6.29
26	18	13,056	9,531	0.73	5.56	12,648	9,233	0.73	5.98	11,832	8,637	0.73	6.43
26	20	14,144	8,628	0.61	5.70	13,600	8,296	0.61	6.09	12,784	7,798	0.61	6.54
26	22	15,232	7,464	0.49	5.81	14,688	7,197	0.49	6.26	13,872	6,797	0.49	6.66
27	16	12,104	10,773	0.89	5.41	11,560	10,288	0.89	5.81	11,016	9,804	0.89	6.29
27	18	13,056	10,053	0.77	5.56	12,648	9,739	0.77	5.98	11,832	9,111	0.77	6.43
27	20	14,144	9,194	0.65	5.70	13,600	8,840	0.65	6.09	12,784	8,310	0.65	6.54
27	22	15,232	8,073	0.53	5.81	14,688	7,785	0.53	6.26	13,872	7,352	0.53	6.66
28	16	12,104	11,257	0.93	5.41	11,560	10,751	0.93	5.81	11,016	10,245	0.93	6.29
28	18	13,056	10,575	0.81	5.56	12,648	10,245	0.81	5.98	11,832	9,584	0.81	6.43
28	20	14,144	9,759	0.69	5.70	13,600	9,384	0.69	6.09	12,784	8,821	0.69	6.54
28	22	15,232	8,682	0.57	5.81	14,688	8,372	0.57	6.26	13,872	7,907	0.57	6.66
30	16	12,104	12,104	1.00	5.41	11,560	11,560	1.00	5.81	11,016	11,016	1.00	6.29
30	18	13,056	11,620	0.89	5.56	12,648	11,257	0.89	5.98	11,832	10,530	0.89	6.43
30	20	14,144	10,891	0.77	5.70	13,600	10,472	0.77	6.09	12,784	9,844	0.77	6.54
30	22	15,232	9,901	0.65	5.81	14,688	9,547	0.65	6.26	13,872	9,017	0.65	6.66
32	16	12,104	12,104	1.00	5.41	11,560	11,560	1.00	5.81	11,016	11,016	1.00	6.29
32	18	13,056	12,664	0.97	5.56	12,648	12,269	0.97	5.98	11,832	11,477	0.97	6.43
32	20	14,144	12,022	0.85	5.70	13,600	11,560	0.85	6.09	12,784	10,866	0.85	6.54
32	22	15,232	11,119	0.73	5.81	14,688	10,722	0.73	6.26	13,872	10,127	0.73	6.66
34	16	12,104	12,104	1.00	5.41	11,560	11,560	1.00	5.81	11,016	11,016	1.00	6.29
34	18	13,056	13,056	1.00	5.56	12,648	12,648	1.00	5.98	11,832	11,832	1.00	6.43
34	20	14,144	13,154	0.93	5.70	13,600	12,648	0.93	6.09	12,784	11,889	0.93	6.54
34	22	15,232	12,338	0.81	5.81	14,688	11,897	0.81	6.26	13,872	11,236	0.81	6.66

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

HEATING CAPACITY
PSA-RP·KA/ PUHZ-ZRP·HA, PUHZ-ZRP·KA2

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PSA-RP71KA	15	4,826	1.30	5,244	1.44	5,852	1.66	7,676	1.99	8,664	2.21	9,652	2.39
	20	4,636	1.41	5,016	1.55	5,548	1.79	7,410	2.14	8,360	2.39	9,310	2.56
	25	4,484	1.50	4,864	1.68	5,320	1.94	6,992	2.28	8,056	2.55	8,968	2.75
PSA-RP100KA	15	7,112	1.82	7,728	2.00	8,624	2.31	11,312	2.77	12,768	3.08	14,224	3.33
	20	6,832	1.97	7,392	2.16	8,176	2.49	10,920	2.99	12,320	3.33	13,720	3.57
	25	6,608	2.09	7,168	2.34	7,840	2.71	10,304	3.17	11,872	3.56	13,216	3.83
PSA-RP125KA	15	8,890	2.50	9,660	2.76	10,780	3.18	14,140	3.82	15,960	4.24	17,780	4.58
	20	8,540	2.71	9,240	2.97	10,220	3.43	13,650	4.11	15,400	4.58	17,150	4.92
	25	8,260	2.88	8,960	3.22	9,800	3.73	12,880	4.37	14,840	4.90	16,520	5.28
PSA-RP140KA	15	10,160	2.83	11,040	3.11	12,320	3.59	16,160	4.31	18,240	4.79	20,320	5.17
	20	9,760	3.07	10,560	3.35	11,680	3.88	15,600	4.65	17,600	5.17	19,600	5.56
	25	9,440	3.26	10,240	3.64	11,200	4.22	14,720	4.93	16,960	5.53	18,880	5.96

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY
PSA-RP·KA/ PUHZ-FRP·HA

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PSA-RP71KA	15	5,080	1.35	5,520	1.48	6,160	1.71	8,080	2.05	9,120	2.28	10,160	2.46
	20	4,880	1.46	5,280	1.60	5,840	1.85	7,800	2.21	8,800	2.46	9,800	2.64
	25	4,720	1.55	5,120	1.73	5,600	2.01	7,360	2.35	8,480	2.63	9,440	2.84

Note: CA : Capacity (W) P.C. : Total power input (kW)

PSA-RP·KA / PUHZ-P·VHA3, PUHZ-P·VHA4,PUHZ-P·YHA,PUHZ-P·YHA2

(230V)

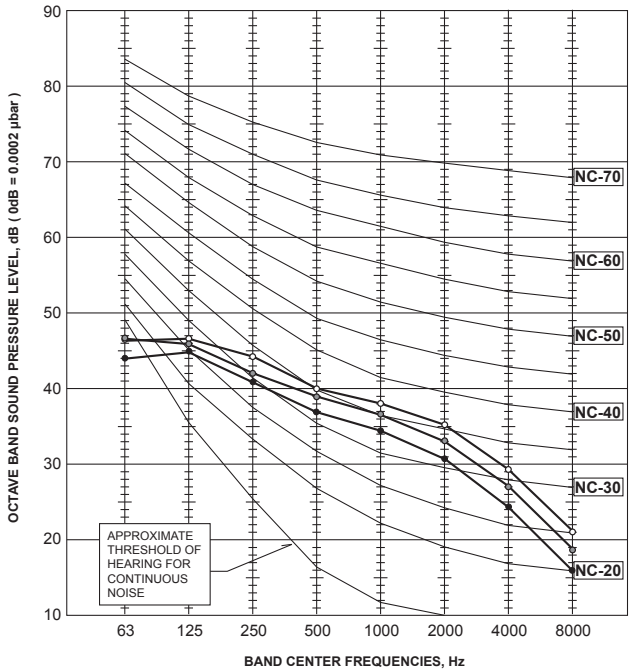
	Indoor intake air D.B.(℃)	Outdoor intake air W.B.(℃)											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PSA-RP100KA	15	7112	1.94	7728	2.13	8624	2.46	11312	2.95	12768	3.28	14224	3.54
	20	6832	2.10	7392	2.30	8176	2.66	10920	3.18	12320	3.54	13720	3.80
	25	6608	2.23	7168	2.49	7840	2.89	10304	3.38	11872	3.79	13216	4.08
PSA-RP125KA	15	8890	2.94	9660	3.24	10780	3.74	14140	4.48	15960	4.98	17780	5.38
	20	8540	3.19	9240	3.49	10220	4.03	13650	4.83	15400	5.38	17150	5.78
	25	8260	3.39	8960	3.78	9800	4.38	12880	5.13	14840	5.75	16520	6.20
PSA-RP140KA	15	10160	3.36	11040	3.70	12320	4.27	16160	5.12	18240	5.69	20320	6.15
	20	9760	3.64	10560	3.98	11680	4.61	15600	5.52	17600	6.15	19600	6.60
	25	9440	3.87	10240	4.32	11200	5.01	14720	5.86	16960	6.57	18880	7.08

Note: CA : Capacity (W) P.C. : Total power input (kW)

A.5.6 NOISE CRITERIA CURVES

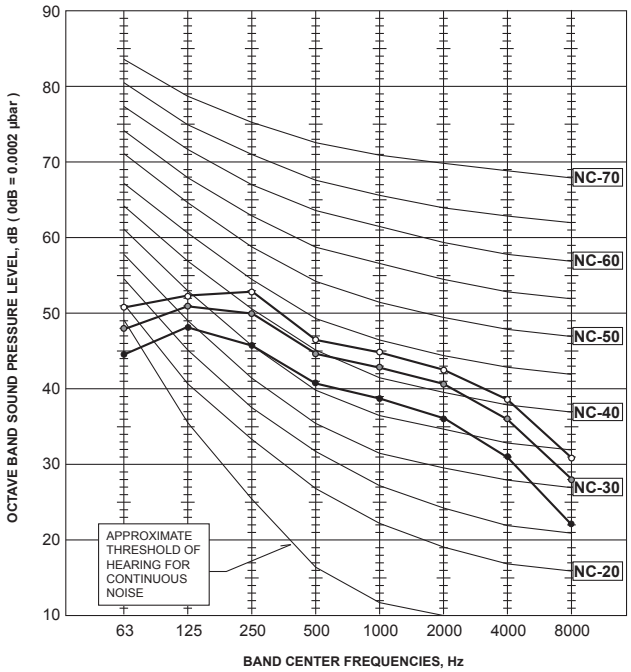
PSA-RP71KA

NOTCH	SPL(dB)	LINE
High	44	
Middle	42	
Low	40	



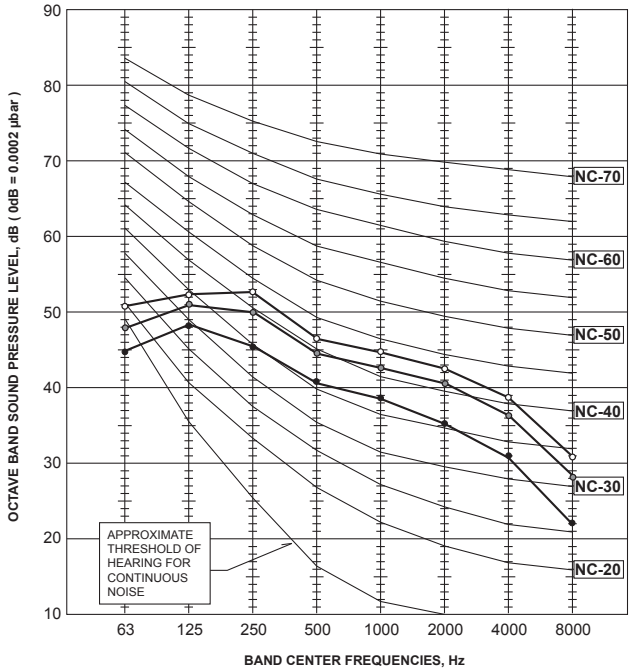
PSA-RP100KA
PSA-RP125KA

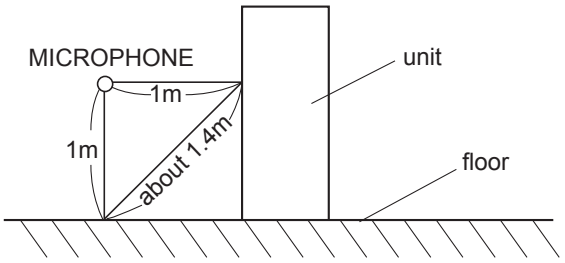
NOTCH	SPL(dB)	LINE
High	51	
Middle	49	
Low	45	



PSA-RP140KA

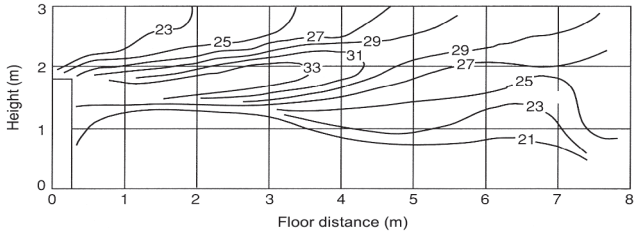
NOTCH	SPL(dB)	LINE
High	51	
Middle	49	
Low	45	



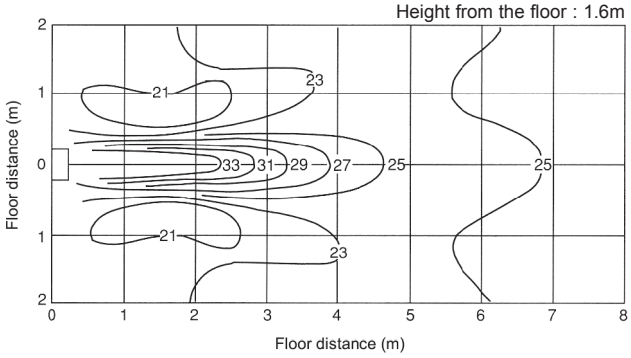


A.5.7 TEMPERATURE AND FLOW DISTRIBUTIONS

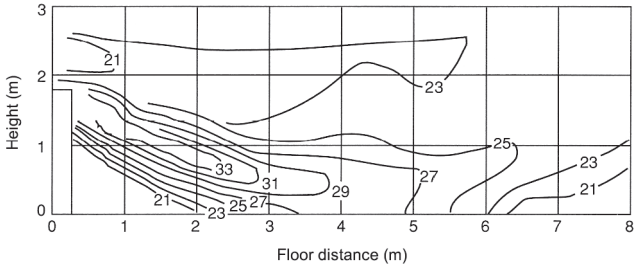
Temperature distribution
<Heating mode>
Notch : High Flow angle : 0°



Height from the floor : 1.6m



Temperature distribution
<Heating mode>
Notch : High Flow angle : 70°

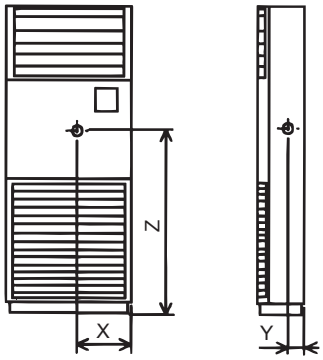


A.5.8 OUTLET AIR SPEED AND COVERAGE RANGE

	PSA-RP71KA	PSA-RP100KA	PSA-RP125KA	PSA-RP140KA
Air flow m^3/min	24	30	31	31
Air speed m/sec	3.1	3.7	3.8	3.8
Coverage range m	10.5	13.1	13.6	13.6

The air coverage range is the distance to which the 0.25m/sec air can reach, when air is blown out horizontally from the unit at the High notch position.
The coverage range should be used only as a general guideline since it varies according to the size of the room and the furniture inside the room.

A.5.9 CENTER OF GRAVITY POSITION



[Unit: mm]

Model	X	Y	Z
PSA-RP71KA	295	145	960
PSA-RP100KA	295	145	960
PSA-RP125KA	295	145	960
PSA-RP140KA	295	155	1060

A.6 CEILING-CONCEALED (PEAD/PEA)

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A.6.1 SPECIFICATIONS

A.6.1.1 INVERTER MODELS Heat pump type

1. ZUBADAN SERIES

Model Name	Indoor Unit				PEAD-RP100JA(L)Q	PEAD-RP100JA(L)Q	PEAD-RP125JA(L)Q
	Outdoor Unit				PUHZ-SHW112VHA(-BS)	PUHZ-SHW112YHA(-BS)	PUHZ-SHW140YHA(-BS)
Power Supply				Source	Outdoor power supply		
	Out			V	230	400	400
				Phase	Single	3	3
				Hz	50	50	50
	In			V	-	-	-
				Phase	-	-	-
				Hz	-	-	-
Refrigerant					R410A	R410A	R410A
Cooling	Capacity	Rated		kW	10.0	10.0	12.5
		Max.		kW	11.4	11.4	14.0
		Min.		kW	4.9	4.9	5.5
	SHF	Rated			0.89	0.89	0.84
	Total Input	Rated		kW	2.924 (2.904)	2.924 (2.904)	3.895 (3.875)
	EER				3.42 (3.44)	3.42 (3.44)	3.21 (3.22)
	Annual Electricity Consumption			kWh/a	729 (714)	729 (714)	906 (892)
	SEER				4.8 (4.9)	4.8 (4.9)	4.8 (4.9)
		Energy efficiency class			B	B	-
Heating	Capacity	Rated		kW	11.2	11.2	14.0
		Max.		kW	14.0	14.0	16.0
		Min.		kW	4.5	4.5	5.0
	Total Input	Rated		kW	3.103	3.103	3.879
	COP				3.61	3.61	3.61
	Annual Electricity Consumption			kWh/a	4664	4664	6072
	SCOP				3.8	3.8	3.6
		Energy efficiency class			A	A	-
Operating Current(max)				A	37.7	15.7	15.8
Indoor Unit	Input	Rated	Cooling/ Heating	kW	0.25 (0.23) / 0.23	0.25 (0.23) / 0.23	0.36 (0.34) / 0.34
	Operating Current(max)			A	2.65	2.65	2.76
	Dimensions		Height	mm	250	250	250
			Width	mm	1400	1400	1400
			Depth	mm	732	732	732
	Weight			kg	41(40)	41(40)	43(42)
	Air Volume		Low	m³/min.	24.0	24.0	29.5
			Mid2	m³/min.	-	-	-
			Mid	m³/min.	29.0	29.0	35.5
			Hi	m³/min.	34.0	34.0	42.0
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150		
	Sound Level (SPL)		Low	dB(A)	29	29	33
			Mid2	dB(A)	-	-	-
			Mid	dB(A)	34	34	36
			Hi	dB(A)	38	38	40
	Sound Level (PWL)	Cooling			61	61	65
Outdoor Unit	Dimensions		Height	mm	1350	1350	1350
			Width	mm	950	950	950
			Depth	mm	330 (+30)	330 (+30)	330 (+30)
	Weight			kg	120	134	134
	Air Volume	Cooling	Rated	m³/min.	100.0	100.0	100.0
		Heating	Rated	m³/min.	100.0	100.0	100.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	51	51	51
			Silent	dB(A)	48	48	48
		Heating	Rated	dB(A)	52	52	52
	Sound Level (PWL)	Cooling			69	69	69
	Operating Current(max)			A	35.0	13.0	13.0
	Breaker Size			A	40	16	16
Ext. Piping	Diameter	Liquid		mm	9.52	9.52	9.52
		Gas		mm	15.88	15.88	15.88
	Max. Length	Out-In		m	75	75	75
	Max. Height	Out-In	Below Indoor	m	30	30	30
			Above Indoor	m	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21
			Lower Limit.	°C	-25	-25	-25

* Optional air protection guide is required where ambient temperature is lower than -5°C.

2. Power Inverter SERIES

Model Name	Indoor Unit				PEAD-RP35JA(L)Q	PEAD-RP50JA(L)Q	PEAD-RP60JA(L)Q	PEAD-RP71JA(L)Q
	Outdoor Unit				PUHZ-ZRP35VKA	PUHZ-ZRP50VKA	PUHZ-ZRP60VHA	PUHZ-ZRP71VHA
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	3.6	5.0	6.1	7.1
		Max.		kW	4.5	5.6	6.7	8.1
		Min.		kW	1.6	2.3	2.7	3.3
	SHF	Rated			0.85	0.84	0.83	0.83
	Total Input	Rated		kW	0.89 (0.87)	1.44 (1.42)	1.65 (1.63)	2.01 (1.99)
	EER				4.04 (4.14)	3.47 (3.52)	3.70 (3.74)	3.53 (3.57)
	Annual Electricity Consumption			kWh/a	228 (211)	317 (301)	365 (351)	446 (428)
	SEER				5.6 (6.0)	5.5 (5.8)	5.8 (6.1)	5.6 (5.7)
		Energy efficiency class			A+ (A+)	A (A+)	A+ (A+)	A+ (A+)
Heating	Capacity	Rated		kW	4.1	6.0	7.0	8.0
		Max.		kW	5.2	7.3	8.2	10.2
		Min.		kW	1.6	2.5	2.8	3.5
	Total Input	Rated		kW	0.95	1.50	1.79	2.03
	COP				4.32	4.0	3.91	3.94
	Annual Electricity Consumption			kWh/a	839	1231	1513	1762
	SCOP				4.0	4.3	4.1	3.9
		Energy efficiency class			A+	A+	A+	A
Operating Current(max)				A	14.1	14.4	20.6	21.0
Indoor Unit	Input	Rated	Cooling/ Heating	kW	0.090 (0.070) / 0.070	0.110 (0.090) / 0.090	0.120 (0.100) / 0.100	0.170 (0.150) / 0.150
	Operating Current(max)			A	1.07	1.39	1.62	1.97
	Dimensions		Height	mm	250	250	250	250
			Width	mm	900	900	1100	1100
			Depth	mm	732	732	732	732
	Weight			kg	26(25)	28(27)	33(32)	33(32)
	Air Volume		Low	m³/min.	10.0	12.0	14.5	17.5
			Mid2	m³/min.	-	-	-	-
			Mid	m³/min.	12.0	14.5	18.0	21.0
			Hi	m³/min.	14.0	17.0	21.0	25.0
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150			
	Sound Level (SPL)		Low	dB(A)	23	26	25	26
			Mid2	dB(A)	-	-	-	-
			Mid	dB(A)	27	31	29	30
			Hi	dB(A)	30	35	33	34
	Sound Level (PWL)	Cooling			52	57	55	58
Outdoor Unit	Dimensions		Height	mm	630	630	943	943
			Width	mm	809	809	950	950
			Depth	mm	300 (+23)	300 (+23)	330 (+30)	330 (+30)
	Weight			kg	43	46	67	67
	Air Volume	Cooling	Rated	m³/min.	45.0	45.0	55.0	55.0
		Heating	Rated	m³/min.	45.0	45.0	55.0	55.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	44	44	47	47
			Silent	dB(A)	41	41	44	44
		Heating	Rated	dB(A)	46	46	48	48
	Sound Level (PWL)	Cooling			65	65	67	67
	Operating Current(max)			A	13.0	13.0	19.0	19.0
	Breaker Size			A	16	16	25	25
Ext. Piping	Diameter	Liquid		mm	6.35	6.35	9.52	9.52
		Gas		mm	12.7	12.7	15.88	15.88
	Max. Length	Out-In		m	50	50	50	50
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-11	-11	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model	Indoor Unit					PEAD-RP100JA(L)Q		PEAD-RP125JA(L)Q		PEAD-RP140JA(L)Q	
Name	Outdoor Unit					PUHZ-ZRP100VKA2	PUHZ-ZRP100YKA2	PUHZ-ZRP125VKA2	PUHZ-ZRP125YKA2	PUHZ-ZRP140VKA2	PUHZ-ZRP140YKA2
Power Supply					Source	Outdoor power supply					
	Out				V	230	400	230	400	230	400
					Phase	Single	3	Single	3	Single	3
					Hz	50	50	50	50	50	50
	In				V	-	-	-	-	-	-
					Phase	-	-	-	-	-	-
					Hz	-	-	-	-	-	-
Refrigerant						R410A	R410A	R410A	R410A	R410A	R410A
Cooling	Capacity	Rated			kW	9.5		12.5		13.4	
		Max.			kW	11.4		14.0		15.3	
		Min.			kW	4.9		5.5		6.2	
	SHF	Rated				0.82		0.84		0.84	
	Total Input	Rated			kW	2.43 (2.41)		3.86 (3.83)		4.32 (4.29)	
	EER					3.91 (3.94)		3.24 (3.26)		3.10 (3.12)	
	Annual Electricity Consumption				kWh/a	593 (583)	602 (592)	875 (858)	886 (873)	980 (956)	991 (976)
	SEER					5.6 (5.7)	5.5 (5.6)	5.0 (5.1)	4.9 (5.0)	4.8 (4.9)	4.7 (4.8)
		Energy efficiency class				A+ (A+)	A (A+)	-	-	-	-
Heating	Capacity	Rated			kW	11.2		14.0		16.0	
		Max.			kW	14.0		16.0		18.0	
		Min.			kW	4.5		5.0		5.7	
	Total Input	Rated			kW	2.60		3.51		4.07	
	COP					4.31		3.99		3.93	
	Annual Electricity Consumption				kWh/a	2627	2627	3370	3370	3763	3763
	SCOP					4.2	4.2	3.9	3.9	4.0	4.0
		Energy efficiency class				A+	A+	-	-	-	-
Operating Current(max)					A	29.2	10.7	29.3	12.3	30.8	15.8
Indoor Unit	Input	Rated	Cooling/Heating		kW	0.250 (0.230) / 0.230		0.360 (0.340) / 0.340		0.390 (0.370) / 0.370	
	Operating Current(max)				A	2.65		2.76		2.78	
	Dimensions		Height		mm	250		250		250	
			Width		mm	1400		1400		1600	
			Depth		mm	732		732		732	
	Weight				kg	41(40)		43(42)		47(46)	
	Air Volume		Low		m^3/min.	24.0		29.5		32.0	
			Mid2		m^3/min.	-		-		-	
			Mid		m^3/min.	29.0		35.5		39.0	
			Hi		m^3/min.	34.0		42.0		46.0	
	External Static Pressure				Pa	35 / 50 / 70 / 100 / 150					
	Sound Level (SPL)		Low		dB(A)	29		33		34	
			Mid2		dB(A)	-		-		-	
			Mid		dB(A)	34		36		38	
			Hi		dB(A)	38		40		43	
	Sound Level (PWL)	Cooling				61	61	65	65	66	66
Outdoor Unit	Dimensions		Height		mm	1338	1338	1338	1338	1338	1338
			Width		mm	1050	1050	1050	1050	1050	1050
			Depth		mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)	330 (+40)	330 (+40)
	Weight				kg	116	123	116	125	118	131
	Air Volume	Cooling	Rated		m^3/min.	110.0	110.0	120.0	120.0	120.0	120.0
		Heating	Rated		m^3/min.	110.0	110.0	120.0	120.0	120.0	120.0
	Sound Level (SPL)	Cooling	Rated		dB(A)	49	49	50	50	50	50
			Silent		dB(A)	46	46	47	47	47	47
		Heating	Rated		dB(A)	51	51	52	52	52	52
	Sound Level (PWL)	Cooling				69	69	70	70	70	70
	Operating Current(max)				A	26.5	8.0	26.5	9.5	28.0	11.0
	Breaker Size				A	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid			mm	9.52	9.52	9.52	9.52	9.52	9.52
		Gas			mm	15.88	15.88	15.88	15.88	15.88	15.88
	Max. Length	Out-In			m	75	75	75	75	75	75
	Max. Height	Out-In		Below Indoor	m	30	30	30	30	30	30
				Above Indoor	m	30	30	30	30	30	30
Guranteed Operation Range	Out	Cooling		Upper Limit.	°C	46	46	46	46	46	46
				Lower Limit.	°C	-15*	-15*	-15*	-15*	-15*	-15*
		Heating		Upper Limit.	°C	21	21	21	21	21	21
				Lower Limit.	°C	-20	-20	-20	-20	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

3. Mr.Slim+

Model Name	Indoor Unit				PEAD-RP71JA(L)Q
	Outdoor Unit				PUHZ-FRP71VHA
Power Supply				Source	Outdoor power supply
	Out			V	230
				Phase	Single
				Hz	50
	In			V	-
				Phase	-
				Hz	-
Refrigerant					R410A
Cooling	Capacity	Rated		kW	7.1
		Max.		kW	8.1
		Min.		kW	3.3
	SHF	Rated			0.85
	Total Input	Rated		kW	2.10 (2.08)
	EER				3.38 (3.41)
	Annual Electricity Consumption			kWh/a	459
	SEER				5.4
		Energy efficiency class			A
Heating	Capacity	Rated		kW	8.0
		Max.		kW	10.2
		Min.		kW	3.5
	Total Input	Rated		kW	2.09
	COP				3.83
	Annual Electricity Consumption			kWh/a	1799
	SCOP				3.8
		Energy efficiency class			A
Operating Current(max)				A	21.0
Indoor Unit	Input	Rated [Cooling/Heating]		kW	0.170 (0.150)/0.150
	Operating Current(max)			A	1.97
	Dimensions		Height	mm	250
			Width	mm	1100
			Depth	mm	732
	Weight			kg	33 (32)
	Air Volume		Low	m³/min.	17.5
			Mid2	m³/min.	-
			Mid	m³/min.	21.0
			Hi	m³/min.	25.0
	External Static Pressure			Pa	35/50/70/100/150
	Sound Level (SPL)		Low	dB(A)	26
			Mid2	dB(A)	-
			Mid	dB(A)	30
			Hi	dB(A)	34
	Sound Level (PWL)	Cooling			58
Outdoor Unit	Dimensions		Height	mm	943
			Width	mm	950
			Depth	mm	330 (+30)
	Weight			kg	73
	Air Volume	Cooling	Rated	m³/min.	55
		Heating	Rated	m³/min.	55
	Sound Level (SPL)	Cooling	Rated	dB(A)	47
			Silent	dB(A)	-
		Heating	Rated	dB(A)	48
	Sound Level (PWL)	Cooling			67
	Operating Current(max)			A	19.0
	Breaker Size			A	25
Ext. Piping	Diameter	Liquid		mm	9.52
		Gas		mm	15.88
	Max. Length	Out-In		m	60
	Max. Height	Out-In	Below Indoor	m	20
			Above Indoor	m	20
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46
			Lower Limit.	°C	-15*
		Heating	Upper Limit.	°C	21
			Lower Limit.	°C	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

4. Standard Inverter SERIES

Model Name	Indoor Unit				PEAD-RP35JA(L)Q	PEAD-RP50JA(L)Q	PEAD-RP60JA(L)Q	PEAD-RP71JA(L)Q
	Outdoor Unit				SUZ-KA35VA5	SUZ-KA50VA5	SUZ-KA60VA5	SUZ-KA71VA5
Power Supply				Source	Outdoor power supply			
	Out			V	230	230	230	230
				Phase	Single	Single	Single	Single
				Hz	50	50	50	50
	In			V	-	-	-	-
				Phase	-	-	-	-
				Hz	-	-	-	-
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	3.6	4.9	5.7	7.1
		Max.		kW	3.9	5.6	6.3	8.1
		Min.		kW	1.4	2.3	2.3	2.8
	SHF	Rated			0.85	0.85	0.86	0.83
	Total Input	Rated		kW	1.050 (1.030)	1.480 (1.460)	1.670 (1.650)	2.080 (2.060)
	EER				3.42 (3.49)	3.31 (3.36)	3.41 (3.45)	3.41 (3.45)
	Annual Electricity Consumption			kWh/a	229 (213)	318 (301)	351 (335)	429 (413)
	SEER				5.5 (5.9)	5.4 (5.7)	5.6 (5.9)	5.8 (6.0)
		Energy efficiency class			A (A+)	A (A+)	A+ (A+)	A+ (A+)
Heating	Capacity	Rated		kW	4.1	5.9	7.0	8.0
		Max.		kW	5.0	7.2	8.0	10.2
		Min.		kW	1.7	1.7	2.5	2.6
	Total Input	Rated		kW	1.110	1.620	1.890	2.040
	COP				3.69	3.64	3.70	3.92
	Annual Electricity Consumption			kWh/a	980	1468	1569	2153
	SCOP				4.0	4.2	4.0	3.9
		Energy efficiency class			A+	A+	A+	A
Operating Current(max)				A	9.3	13.4	15.6	18.1
Indoor Unit	Input	Rated	Cooling/ Heating	kW	0.090 (0.070) / 0.070	0.110 (0.090) / 0.090	0.120 (0.100) / 0.100	0.170 (0.150) / 0.150
	Operating Current(max)			A	1.07	1.39	1.62	1.97
	Dimensions		Height	mm	250	250	250	250
			Width	mm	900	900	1100	1100
			Depth	mm	732	732	732	732
	Weight			kg	26 (25)	28 (27)	33 (32)	33 (32)
	Air Volume		Low	m³/min.	10.0	12.0	14.5	17.5
			Mid2	m³/min.	-	-	-	-
			Mid	m³/min.	12.0	14.5	18.0	21.0
			Hi	m³/min.	14.0	17.0	21.0	25.0
	External Static Pressure			Pa	35 / 50 / 70 / 100 / 150			
	Sound Level (SPL)		Low	dB(A)	23	26	25	26
			Mid2	dB(A)	-	-	-	-
			Mid	dB(A)	27	31	29	30
			Hi	dB(A)	30	35	33	34
	Sound Level (PWL)	Cooling			52	57	55	58
Outdoor Unit	Dimensions		Height	mm	550	880	880	880
			Width	mm	800	840	840	840
			Depth	mm	285	330	330	330
	Weight			kg	35	54	50	53
	Air Volume	Cooling	Rated	m³/min.	36.3	44.6	40.9	50.1
		Heating	Rated	m³/min.	34.8	44.6	49.2	48.2
	Sound Level (SPL)	Cooling	Rated	dB(A)	49	52	55	55
			Silent	dB(A)	-	-	-	-
		Heating	Rated	dB(A)	50	52	55	55
	Sound Level (PWL)	Cooling			62	65	65	69
	Operating Current(max)			A	8.2	12.0	14.0	16.1
	Breaker Size			A	16	20	20	20
Ext. Piping	Diameter	Liquid		mm	6.35	6.35	6.35	9.52
		Gas		mm	9.52	12.7	15.88	15.88
	Max. Length	Out-In		m	20	30	30	30
	Max. Height	Out-In	Below Indoor	m	12	30	30	30
			Above Indoor	m	12	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	43	43	43
			Lower Limit.	°C	-15	-15	-15	-15
		Heating	Upper Limit.	°C	24	24	24	24
			Lower Limit.	°C	-10	-10	-10	-10

Model Name	Indoor Unit					PEAD-RP100JA(L)Q		PEAD-RP125JA(L)Q		PEAD-RP140JA(L)Q	
	Outdoor Unit					PUHZ-P100VHA4	PUHZ-P100YHA2	PUHZ-P125VHA3	PUHZ-P125YHA	PUHZ-P140VHA3	PUHZ-P140YHA
Power Supply					Source	Outdoor power supply					
	Out				V	230	400	230	400	230	400
					Phase	Single	3	Single	3	Single	3
					Hz	50		50		50	
	In				V	-		-		-	
					Phase	-		-		-	
					Hz	-		-		-	
Refrigerant						R410A		R410A		R410A	
Cooling	Capacity	Rated			kW	9.4		12.3		13.6	
		Max.			kW	11.2		14.0		15.0	
		Min.			kW	4.9		5.5		5.5	
	SHF	Rated				0.85		0.85		0.84	
	Total Input	Rated			kW	3.120 (3.102)		4.220 (4.200)		4.520 (4.500)	
	EER					3.01 (3.03)		2.91 (2.93)		3.01 (3.02)	
	Annual Electricity Consumption				kWh/a	716 (694)	716 (694)	-	-	-	-
	SEER					4.6 (4.7)	4.6 (4.7)	-	-	-	-
		Energy efficiency class				B	B	-	-	-	-
Heating	Capacity	Rated			kW	11.2		14.0		16.0	
		Max.			kW	12.5		16.0		18.0	
		Min.			kW	4.5		5.0		5.0	
	Total Input	Rated			kW	3.100		3.870		4.430	
	COP					3.61		3.62		3.61	
	Annual Electricity Consumption				kWh/a	2945	2945	-	-	-	-
	SCOP					3.8	3.8	-	-	-	-
		Energy efficiency class				A	A	-	-	-	-
Operating Current(max)					A	30.7	15.7	30.8	15.8	32.3	15.8
Indoor Unit	Input	Rated	Cooling/Heating		kW	0.250 (0.230) / 0.230		0.360 (0.340) / 0.340		0.390 (0.370) / 0.370	
	Operating Current(max)				A	2.65		2.76		2.78	
	Dimensions		Height		mm	250		250		250	
			Width		mm	1400		1400		1600	
			Depth		mm	732		732		732	
	Weight				kg	41(40)		43(42)		47(46)	
	Air Volume		Low		m³/min.	24.0		29.5		32.0	
			Mid2		m³/min.	-		-		-	
			Mid		m³/min.	29.0		35.5		39.0	
			Hi		m³/min.	34.0		42.0		46.0	
	External Static Pressure				Pa	35 / 50 / 70 / 100 / 150					
	Sound Level (SPL)		Low		dB(A)	29		33		34	
			Mid2		dB(A)	-		-		-	
			Mid		dB(A)	34		36		38	
			Hi		dB(A)	38		40		43	
	Sound Level (PWL)	Cooling				61	61	65	65	66	66
Outdoor Unit	Dimensions		Height		mm	943		1350		1350	
			Width		mm	950		950		950	
			Depth		mm	330(+30)		330(+30)		330(+30)	
	Weight				kg	75	77	99	101	99	101
	Air Volume	Cooling	Rated		m³/min.	60.0		100.0		100.0	
		Heating	Rated		m³/min.	60.0		100.0		100.0	
	Sound Level (SPL)	Cooling	Rated		dB(A)	50		51		52	
			Silent		dB(A)	47		48		49	
		Heating	Rated		dB(A)	54		55		56	
	Sound Level (PWL)	Cooling				70	70	71	71	73	73
	Operating Current(max)				A	28.0	13.0	28.0	13.0	29.5	13.0
	Breaker Size				A	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid			mm	9.52		9.52		9.52	
		Gas			mm	15.88		15.88		15.88	
	Max. Length	Out-In			m	50		50		50	
	Max. Height	Out-In	Below Indoor		m	30		30		30	
			Above Indoor		m	30		30		30	
Guranteed Operation Range	Out	Cooling	Upper Limit.		°C	46		46		46	
			Lower Limit.		°C	-15*		-15*		-15*	
		Heating	Upper Limit.		°C	21		21		21	
			Lower Limit.		°C	-15		-15		-15	

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PEA-RP200GAQ	PEA-RP250GAQ	PEA-RP400GAQ	PEA-RP500GAQ
	Outdoor Unit				PUHZ-ZRP200YKA	PUHZ-ZRP250YKA	PUHZ-ZRP200YKA × 2	PUHZ-ZRP250YKA × 2
Power Supply				Source	Indoor / outdoor separate power supply			
	Out			V	400	400	400	400
				Phase	3	3	3	3
				Hz	50	50	50	50
	In			V	400	400	400	400
				Phase	3	3	3	3
				Hz	50	50	50	50
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	19.0	22.0	38.0	44.0
		Max.		kW	22.4	27.0	44.8	54.0
		Min.		kW	9.0	11.2	18.0	22.4
	SHF	Rated			0.81	0.86	0.75	0.77
	Total Input	Rated		kW	6.46	8.31	12..47	17.10
	EER				2.94	2.65	3.05	2.57
	Annual Electricity Consumption			kWh/a	-	-	-	-
	SEER				-	-	-	-
		Energy efficiency class			-	-	-	-
Heating	Capacity	Rated		kW	22.4	27.0	44.8	54.0
		Max.		kW	25.0	31.0	50.0	62.0
		Min.		kW	9.5	12.5	18.0	25.0
	Total Input	Rated		kW	6.94	8.94	13.43	18.36
	COP				3.23	3.02	3.34	2.94
	Annual Electricity Consumption			kWh/a	-	-	-	-
	SCOP				-	-	-	-
		Energy efficiency class			-	-	-	-
Operating Current(max)				A	21.0	23.3	41.8	47.4
Indoor Unit	Input	Rated		kW	1.000	1.180	1.550	2.840
	Operating Current(max)			A	2.0	2.3	3.8	5.4
	Dimensions		Height	mm	400	400	595	595
			Width	mm	1400	1600	1947	1947
			Depth	mm	634	634	764	764
	Weight			kg	70	77	130	133
	Air Volume		Low	m³/min.	52.0	64.0	-	-
			Mid2	m³/min.	-	-	-	-
			Mid	m³/min.	-	-	-	-
			Hi	m³/min.	65.0	80.0	120.0	160.0
	External Static Pressure			Pa	150	150	150	150
	Sound Level (SPL)		Low	dB(A)	48	49	-	-
			Mid2	dB(A)	-	-	-	-
			Mid	dB(A)	-	-	-	-
			Hi	dB(A)	51	52	52	53
	Sound Level (PWL)	Cooling			15	15	15	15
	Breaker Size			A	15	15	15	15
Outdoor Unit	Dimensions		Height	mm	1338	1338	1338	1338
			Width	mm	1050	1050	1050	1050
			Depth	mm	330 (+40)	330 (+40)	330 (+40)	330 (+40)
	Weight			kg	135	135	135	135
	Air Volume	Cooling	Rated	m³/min.	140.0	140.0	140.0	140.0
		Heating	Rated	m³/min.	140.0	140.0	140.0	140.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	59	59	59	59
			Silent	dB(A)	-	-	-	-
		Heating	Rated	dB(A)	62	62	62	62
	Sound Level (PWL)	Cooling			77	77	77	77
	Operating Current(max)			A	19.0	21.0	19.0	21.0
	Breaker Size			A	32	32	32	32
Ext. Piping	Diameter	Liquid		mm	9.52	12.7	9.52	12.7
		Gas		mm	25.4	25.4	25.4	25.4
	Max. Length	Out-In		m	100	100	100	100
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-20	-20	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit				PEA-RP200GAQ	PEA-RP250GAQ	PEA-RP400GAQ	PEA-RP500GAQ
	Outdoor Unit				PUHZ-P200YKA	PUHZ-P250YKA	PUHZ-P200YKA × 2	PUHZ-P250YKA × 2
Power Supply				Source	Indoor / outdoor separate power supply			
	Out			V	400	400	400	400
				Phase	3	3	3	3
				Hz	50	50	50	50
	In			V	400	400	400	400
				Phase	3	3	3	3
				Hz	50	50	50	50
Refrigerant					R410A	R410A	R410A	R410A
Cooling	Capacity	Rated		kW	19.0	22.0	38.0	44.0
		Max.		kW	22.4	27.0	44.8	54.0
		Min.		kW	9.0	11.2	18.0	22.4
	SHF	Rated			0.81	0.86	0.75	0.77
	Total Input	Rated		kW	6.64	8.71	12.83	17.90
	EER				2.86	2.53	2.96	2.46
	Annual Electricity Consumption			kWh/a	-	-	-	-
	SEER				-	-	-	-
		Energy efficiency class			-	-	-	-
Heating	Capacity	Rated		kW	22.4	27.0	44.8	54.0
		Max.		kW	25.0	31.0	50.0	62.0
		Min.		kW	9.5	12.5	18.0	25.0
	Total Input	Rated		kW	7.10	9.31	13.75	19.10
	COP				3.15	2.90	3.26	2.83
	Annual Electricity Consumption			kWh/a	-	-	-	-
	SCOP				-	-	-	-
		Energy efficiency class			-	-	-	-
Operating Current(max)				A	21.0	23.3	41.8	47.4
Indoor Unit	Input	Rated		kW	1.000	1.180	1.550	2.840
	Operating Current(max)			A	2.0	2.3	3.8	5.4
	Dimensions		Height	mm	400	400	595	595
			Width	mm	1400	1600	1947	1947
			Depth	mm	634	634	764	764
	Weight			kg	70	77	130	133
	Air Volume		Low	m³/min.	52.0	64.0	-	-
			Mid2	m³/min.	-	-	-	-
			Mid	m³/min.	-	-	-	-
			Hi	m³/min.	65.0	80.0	120.0	160.0
	External Static Pressure			Pa	150	150	150	150
	Sound Level (SPL)		Low	dB(A)	48	49	-	-
			Mid2	dB(A)	-	-	-	-
			Mid	dB(A)	-	-	-	-
			Hi	dB(A)	51	52	52	53
	Sound Level (PWL)	Cooling			15	15	15	15
	Breaker Size			A	15	15	15	15
Outdoor Unit	Dimensions		Height	mm	1338	1338	1338	1338
			Width	mm	1050	1050	1050	1050
			Depth	mm	330(+40)	330(+40)	330(+40)	330(+40)
	Weight			kg	127	135	127	135
	Air Volume	Cooling	Rated	m³/min.	140.0	140.0	140.0	140.0
		Heating	Rated	m³/min.	140.0	140.0	140.0	140.0
	Sound Level (SPL)	Cooling	Rated	dB(A)	58	59	58	59
			Silent	dB(A)	-	-	-	-
		Heating	Rated	dB(A)	60	62	60	62
	Sound Level (PWL)	Cooling			78	77	78	77
	Operating Current(max)			A	19.0	21.0	19.0	21.0
	Breaker Size			A	32	32	32	32
Ext. Piping	Diameter	Liquid		mm	9.52	12.7	9.52	12.7
		Gas		mm	25.4	25.4	25.4	25.4
	Max. Length	Out-In		m	70	70	70	70
	Max. Height	Out-In	Below Indoor	m	30	30	30	30
			Above Indoor	m	30	30	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46	46	46
			Lower Limit.	°C	-15*	-15*	-15*	-15*
		Heating	Upper Limit.	°C	21	21	21	21
			Lower Limit.	°C	-20	-20	-20	-20

* Optional air protection guide is required where ambient temperature is lower than -5°C.

5. Economy Inverter SERIES

Model Name	Indoor Unit				PEAD-SP71JA(L)	PEAD-SP100JA(L)
	Outdoor Unit				SUZ-SA71VA2	SUZ-SA100VA
Power Supply				Source	Outdoor power supply	Outdoor power supply
	Out			V	230	230
				Phase	Single	Single
				Hz	50	50
	In			V	-	-
				Phase	-	-
				Hz	-	-
Refrigerant					R410A	R410
Cooling	Capacity	Rated		kW	7.1	9.4
		Max.		kW	8.1	9.9
		Min.		kW	3.5	5.0
	SHF	Rated			0.83	0.90
	Total Input	Rated		kW	2.35	3.12
	EER				3.02	3.01
	Annual Electricity Consumption			kWh/a	446	593
	SEER				5.2	4.6
		Energy efficiency class			(A)	(B)
Heating	Capacity	Rated		kW	8.0	11.2
		Max.		kW	8.9	11.5
		Min.		kW	3.5	5.1
	Total Input	Rated		kW	2.21	3.10
	COP				3.61	3.61
	Annual Electricity Consumption			kWh/a	1762	2627
	SCOP				3.8	3.8
		Energy efficiency class			(A)	(A)
Operating Current(max)				A	18.1	28.9
Indoor Unit	Input	Rated	Cooling/ Heating	kW	0.170 (0.150) / 0.150	0.250 (0.230) / 0.230
	Operating Current(max)			A	1.97	1.68
	Dimensions		Height	mm	250	250
			Width	mm	1100	1400
			Depth	mm	732	732
	Weight			kg	33 (32)	41 (40)
	Air Volume		Low	m³/min.	17.5	24.0
			Mid2	m³/min.	-	-
			Mid	m³/min.	21.0	29.0
			Hi	m³/min.	25.0	34.0
	External Static Pressure			Pa	35/50/70/100/150	35/50/70/100/125
	Sound Level (SPL)		Low	dB(A)	26	29
			Mid2	dB(A)	-	-
			Mid	dB(A)	30	34
			Hi	dB(A)	34	38
	Sound Level (PWL)	Cooling			67	69
Outdoor Unit	Dimensions		Height	mm	880	880
			Width	mm	840	840
			Depth	mm	330	330
	Weight			kg	52	56
	Air Volume	Cooling	Rated	m³/min.	58.2	57.1
		Heating	Rated	m³/min.	49.2	54.6
	Sound Level (SPL)	Cooling	Rated	dB(A)	55	55
			Silent	dB(A)	-	-
		Heating	Rated	dB(A)	55	55
	Sound Level (PWL)	Cooling			65	70
	Operating Current(max)			A	16.1	28
	Breaker Size			A	20	20
Ext. Piping	Diameter	Liquid		mm	9.52	9.52
		Gas		mm	15.88	15.88
	Max. Length	Out-In		m	30	30
	Max. Height	Out-In	Below Indoor	m	30	30
			Above Indoor	m	30	30
Guranteed Operation Range	Out	Cooling	Upper Limit.	°C	46	46
			Lower Limit.	°C	-10	-10
		Heating	Upper Limit.	°C	24	24
			Lower Limit.	°C	-10	-10

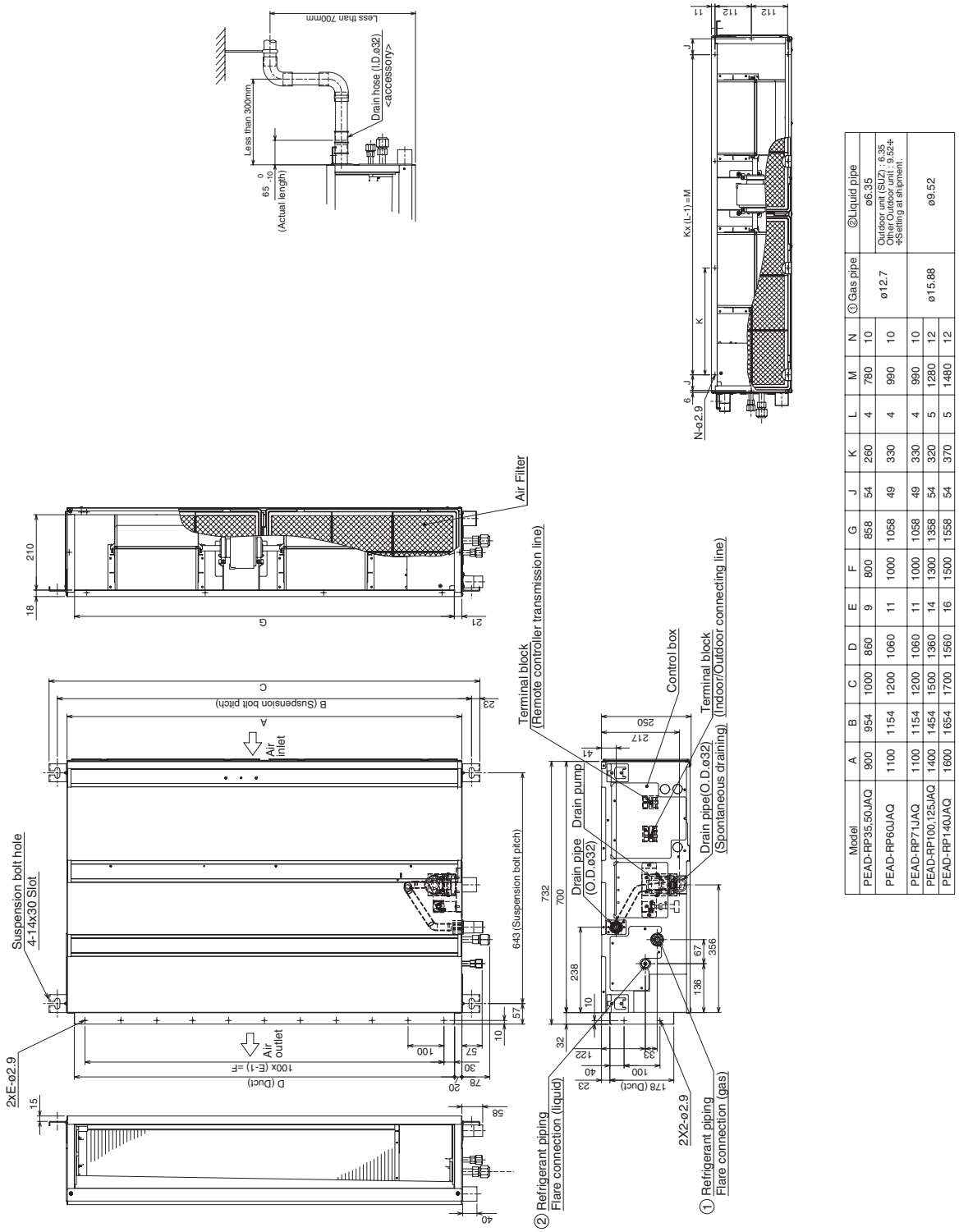
* Optional air protection guide is required where ambient temperature is lower than -5°C.

Model Name	Indoor Unit					PEAD-SP100JA(L)		PEAD-SP125JA(L)		PEAD-SP140JA(L)	
	Outdoor Unit					PUHZ-SP100VHA	PUHZ-SP100YHA	PUHZ-SP125VHA	PUHZ-SP125YHA	PUHZ-SP140VHA	PUHZ-SP140YHA
Power Supply					Source	Outdoor power supply					
	Out				V	230	400	230	400	230	400
					Phase	Single	3	Single	3	Single	3
					Hz	50		50		50	
	In				V	-		-		-	
					Phase	-		-		-	
					Hz	-		-		-	
Refrigerant						R410A		R410A		R410A	
Cooling	Capacity	Rated			kW	9.4		12.3		13.0	
		Max.			kW	9.9		13.0		14.0	
		Min.			kW	4.9		5.5		5.5	
	SHF	Rated				0.85		0.85		0.85	
	Total Input	Rated			kW	3.120		4.38		4.32	
	EER					3.01		2.81		3.01	
	Annual Electricity Consumption				kWh/a	593	602	875	886	980	991
	SEER					4.6 (4.6)	4.6 (4.6)	-	-	-	-
		Energy efficiency class				B	B	-	-	-	-
Heating	Capacity	Rated			kW	11.2		13.5		15.5	
		Max.			kW	11.5		15.0		17.0	
		Min.			kW	4.5		5.0		5.0	
	Total Input	Rated			kW	3.100		3.740		4.550	
	COP					3.61		3.61		3.41	
	Annual Electricity Consumption				kWh/a	2627	2627	3370	3370	3763	3763
	SCOP					3.8	3.8	-	-	-	-
		Energy efficiency class				A	A	-	-	-	-
Operating Current(max)					A	30.7	15.7	30.8	15.8	32.3	15.8
Indoor Unit	Input	Rated	Cooling/Heating		kW	0.250 / 0.230		0.360 (0.340) / 0.340		0.390 (0.370) / 0.370	
	Operating Current(max)				A	2.65		2.76		2.78	
	Dimensions		Height		mm	250		250		250	
			Width		mm	1400		1400		1600	
			Depth		mm	732		732		732	
	Weight				kg	41(40)		43(42)		47(46)	
	Air Volume		Low		m³/min.	24.0		29.5		32.0	
			Mid2		m³/min.	-		-		-	
			Mid		m³/min.	29.0		35.5		39.0	
			Hi		m³/min.	34.0		42.0		46.0	
	External Static Pressure				Pa	35 / 50 / 70 / 100 / 150					
	Sound Level (SPL)		Low		dB(A)	29		33		34	
			Mid2		dB(A)	-		-		-	
			Mid		dB(A)	34		36		38	
			Hi		dB(A)	38		40		43	
	Sound Level (PWL)	Cooling				61	61	65	65	66	66
Outdoor Unit	Dimensions		Height		mm	943		1350		1350	
			Width		mm	950		950		950	
			Depth		mm	330(+30)		330(+30)		330(+30)	
	Weight				kg	75	77	99	101	99	101
	Air Volume	Cooling	Rated		m³/min.	60.0		100.0		100.0	
		Heating	Rated		m³/min.	60.0		100.0		100.0	
	Sound Level (SPL)	Cooling	Rated		dB(A)	50		51		52	
			Silent		dB(A)	47		48		49	
		Heating	Rated		dB(A)	54		55		56	
	Sound Level (PWL)	Cooling				70	70	70	70	70	70
	Operating Current(max)				A	28.0	13.0	28.0	13.0	29.5	13.0
	Breaker Size				A	32	16	32	16	40	16
Ext. Piping	Diameter	Liquid			mm	9.52		9.52		9.52	
		Gas			mm	15.88		15.88		15.88	
	Max. Length	Out-In			m	30		40		40	
	Max. Height	Out-In	Below Indoor		m	30		30		30	
			Above Indoor		m	30		30		30	
Guranteed Operation Range	Out	Cooling	Upper Limit.		°C	46		46		46	
			Lower Limit.		°C	-15*		-15*		-15*	
		Heating	Upper Limit.		°C	21		21		21	
			Lower Limit.		°C	-15		-15		-15	

* Optional air protection guide is required where ambient temperature is lower than -5°C.

A.6.2 OUTLINES AND DIMENSIONS
PEAD-RP35,50,60,71,100,125,140JAQ

Unit : mm

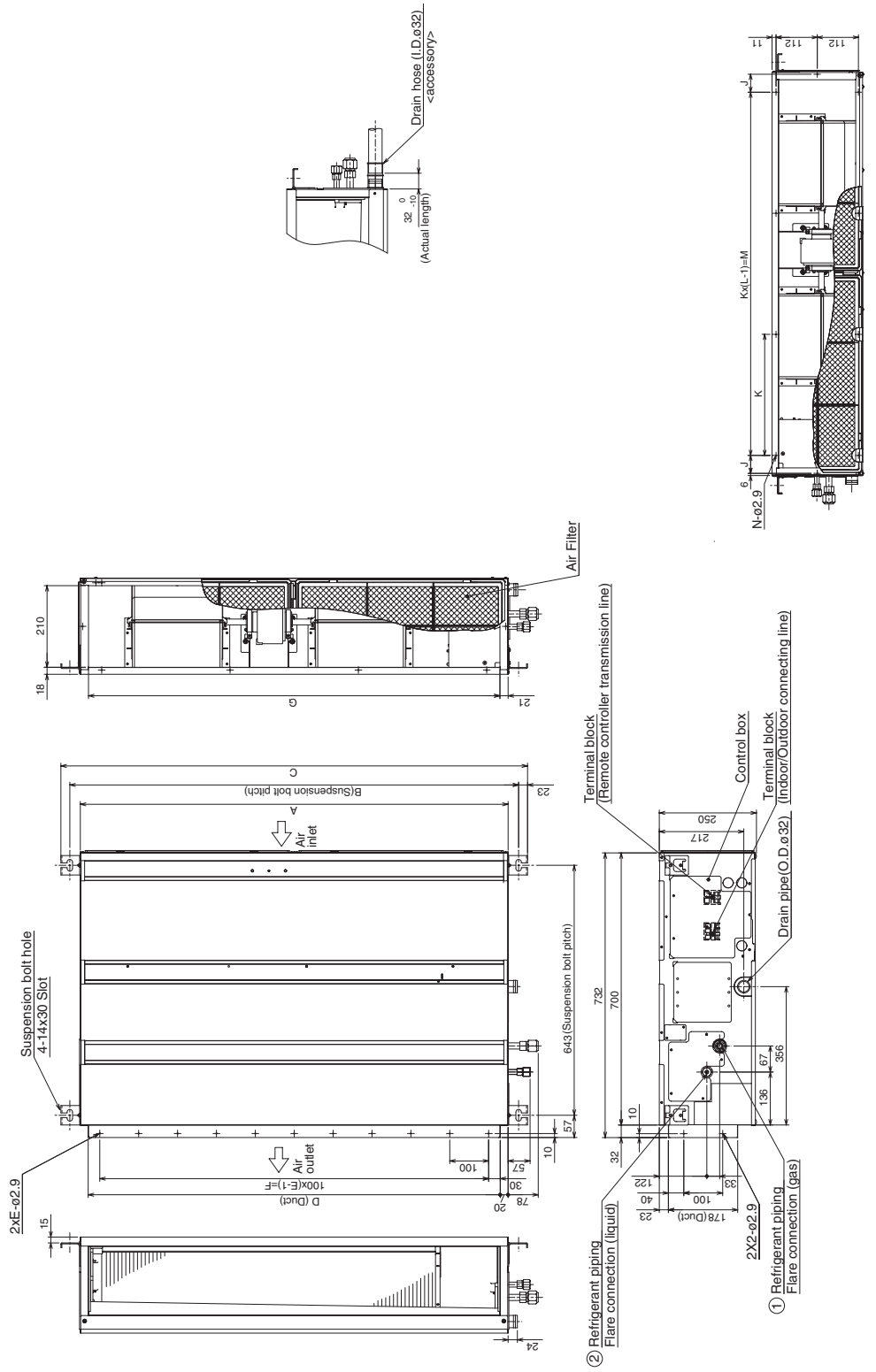


Model	A	B	C	D	E	F	G	J	K	L	M	N	① Gas pipe	② Liquid pipe
PEAD-RP35,50JAQ	900	954	1000	860	9	800	858	54	260	4	780	10	ø12.7	ø6.35 Outdoor unit (SUZ) : ø6.35 Other Outdoor unit : ø9.52‡ ‡Setting at shipment.
PEAD-RP60JAQ	1100	1154	1200	1060	11	1000	1058	49	330	4	990	10		
PEAD-RP71JAQ	1100	1154	1200	1060	11	1000	1058	49	330	4	990	10	ø15.88	ø9.52
PEAD-RP100,125JAQ	1400	1454	1500	1360	14	1300	1358	54	320	5	1280	12		
PEAD-RP140JAQ	1600	1654	1700	1560	16	1500	1558	54	370	5	1480	12		

NOTE 1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-RP60·71·100·125·140JAQ models,which have 2 fans. PEAD-RP35·50JAQ models have 1 fan.
4. In case of the inlet duct is used,remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

PEAD-RP35, 50, 60, 71, 100, 125, 140JALQ

Unit : mm



Model	A	B	C	D	E	F	G	J	K	L	M	N	① Gas pipe	② Liquid pipe
PEAD-RP35·50JALQ	900	954	1000	860	9	800	858	54	260	4	780	10	ø12.7	ø6.35
PEAD-RP60JALQ	1100	1154	1200	1060	11	1000	1058	49	330	4	990	10		Outdoor unit (SUZ) : 6.35 When Outdoor unit : 9.52 +Setting at shipment.
PEAD-RP71JALQ	1100	1154	1200	1060	11	1000	1058	49	330	4	990	10	ø15.88	ø9.52
PEAD-RP100,125JALQ	1400	1454	1500	1360	14	1300	1358	54	320	5	1280	12		
PEAD-RP140JALQ	1600	1654	1700	1560	16	1500	1558	54	370	5	1480	12		

NOTE 1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-RP60·71·100·125·140JALQ models, which have 2 fans. PEAD-RP35·50JALQ models have 1 fan.
4. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

PEAD-RP35, 50, 60, 71, 100, 125, 140JALQ

Secure enough access space to allow for the maintenance, inspection, and replacement of the motor, fan, drain pump, heat exchanger, and electric box in one of the following ways.
Select an installation site for the indoor unit so that its maintenance access space will not be obstructed by beams or other objects.

(1) When a space of 300 mm or more is available below the unit between the unit and the ceiling (Fig. 1)
- Create access door 1 and 2 (450 x 450 mm each) as shown in Fig. 2.
  (Access door 2 is not required if enough space is available below the unit for a maintenance worker to work in.)

(2) When a space of less than 300 mm is available below the unit between the unit and the ceiling (At least 20 mm of space should be left below the unit as shown in Fig. 3.)
- Create access door 1 diagonally below the electric box and access door 3 below the unit as shown in Fig. 4.
  or
- Create access door 4 below the electric box and the unit as shown in Fig. 5.

Unit: mm

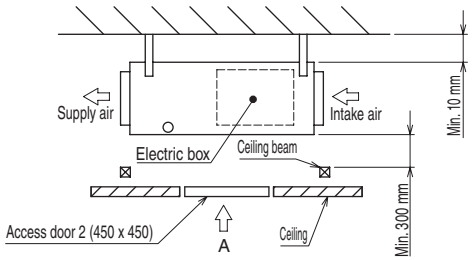


Fig. 1

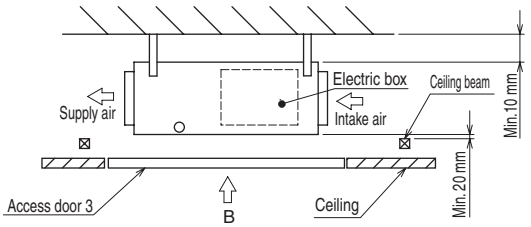


Fig. 3

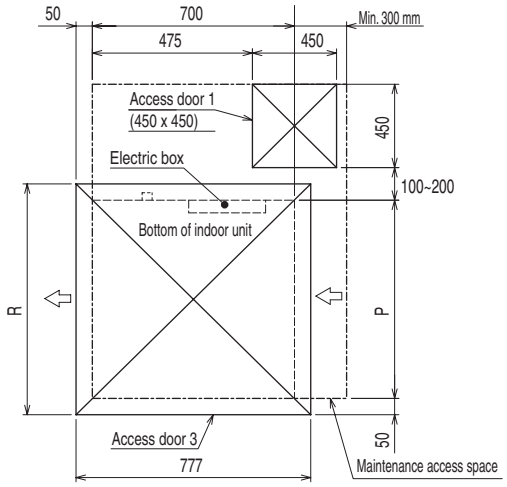


Fig. 4 (Viewed from the direction of the arrow B)

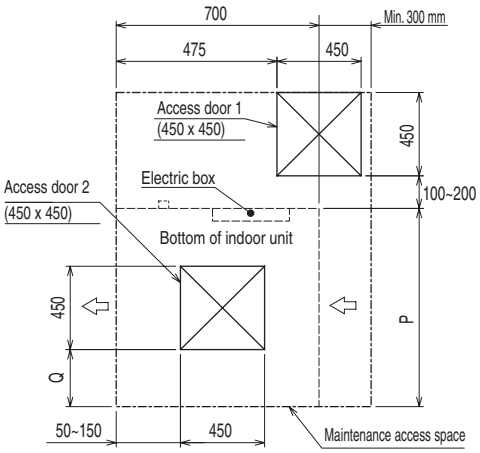


Fig. 2 (Viewed from the direction of the arrow A)

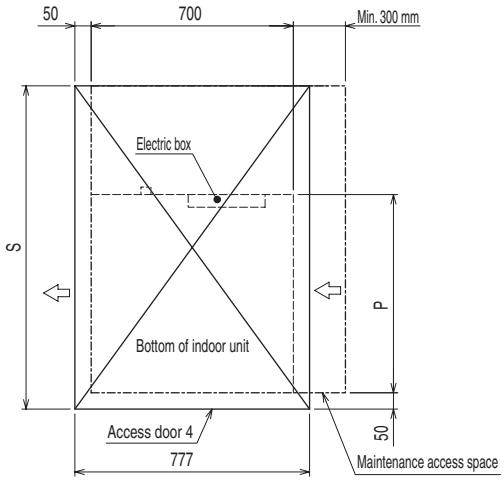


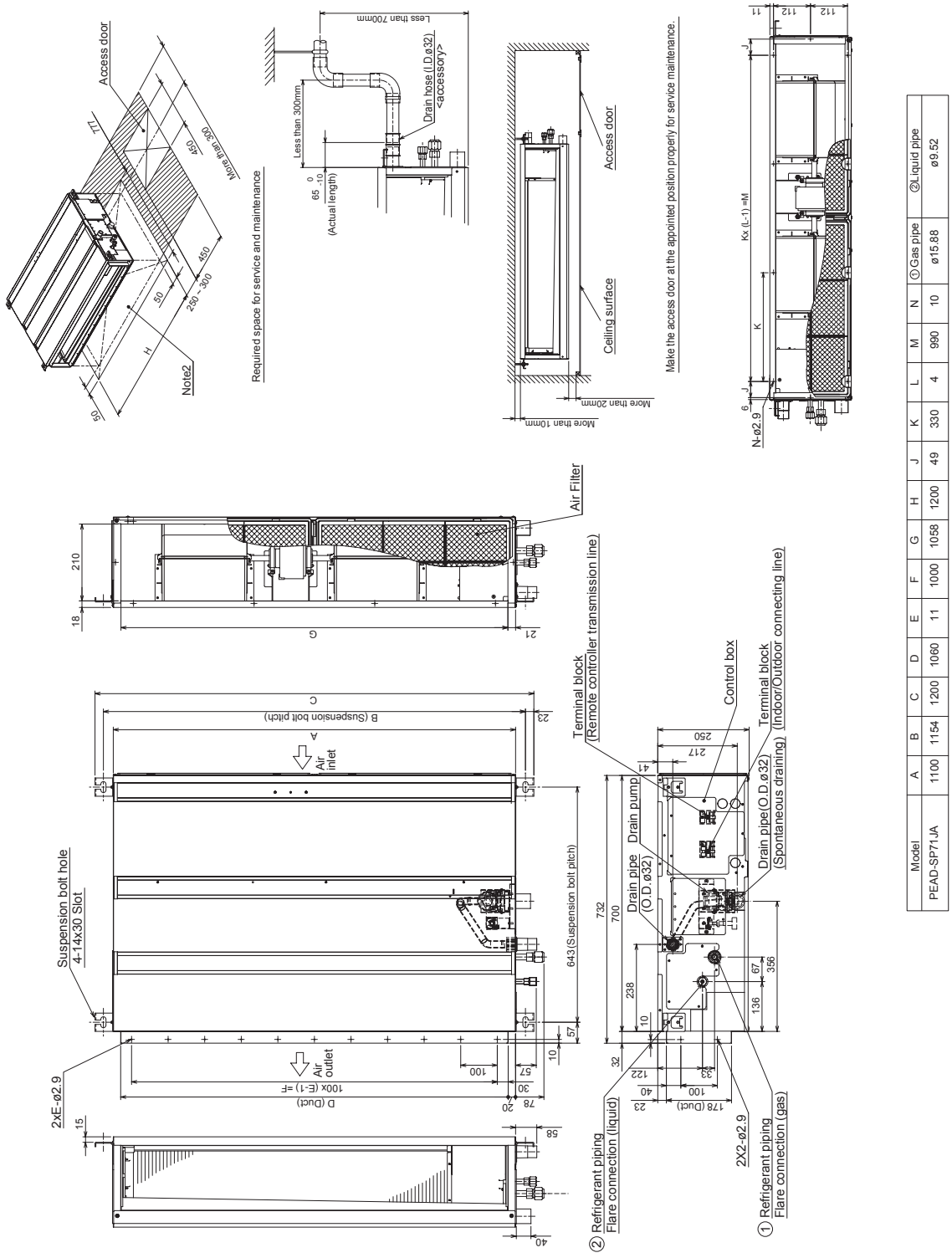
Fig. 5 (Viewed from the direction of the arrow B)

(mm)

Model	P	Q	R	S
PEAD-RP35, 50JALQ	900	150~250	1000	1500
PEAD-RP60, 71JALQ	1100	250~350	1200	1700
PEAD-RP100, 125JALQ	1400	400~500	1500	2000
PEAD-RP140JALQ	1600	500~600	1700	2200

PEAD-SP71JA

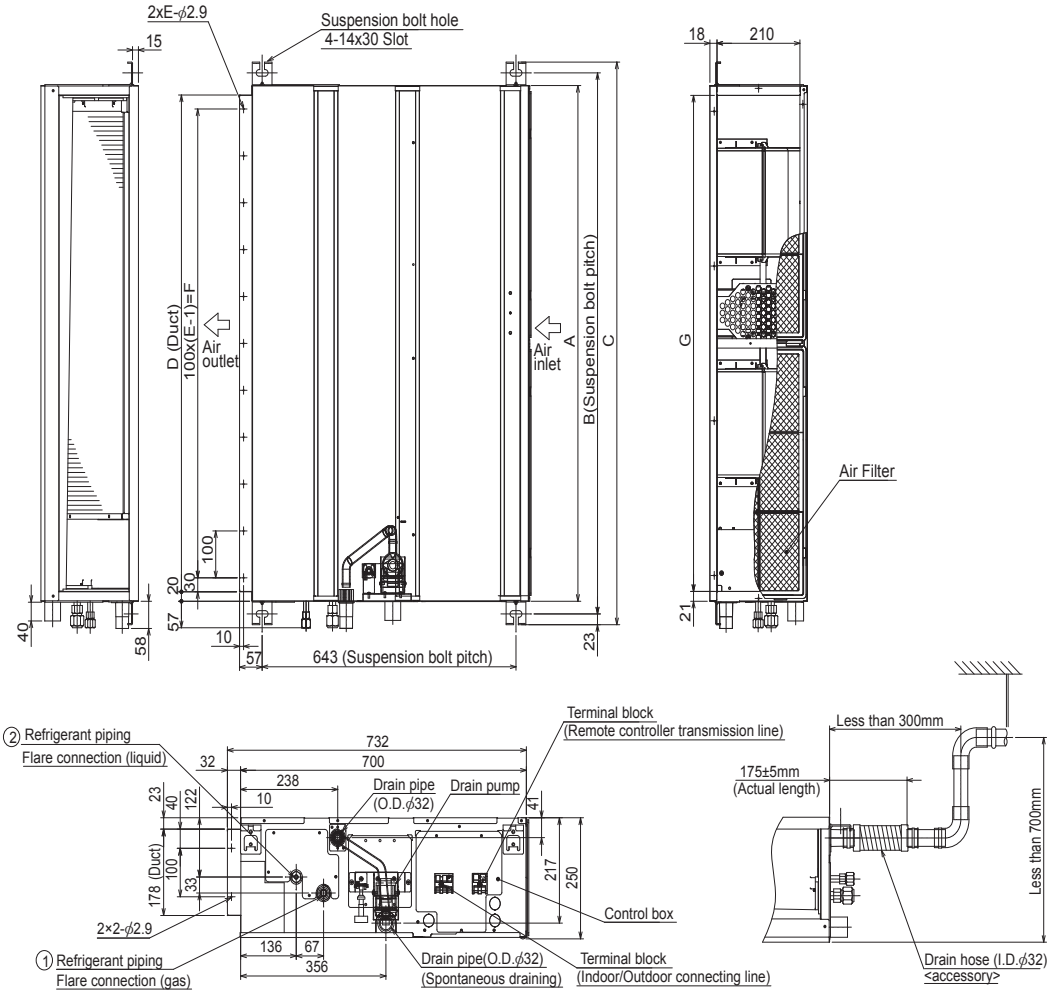
Unit : mm



Model	A	B	C	D	E	F	G	H	J	K	L	M	N	①Gas pipe	②Liquid pipe
PEAD-SP71JA	1100	1154	1200	1060	11	1000	1058	1200	49	330	4	990	10	ø15.88	ø9.52

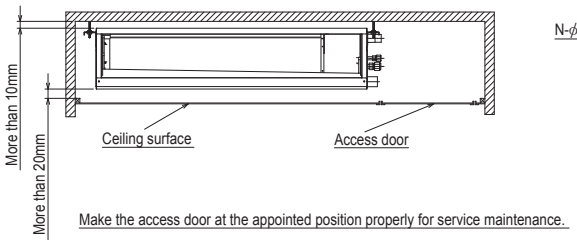
NOTE 1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. In case of the inlet duct is used,remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

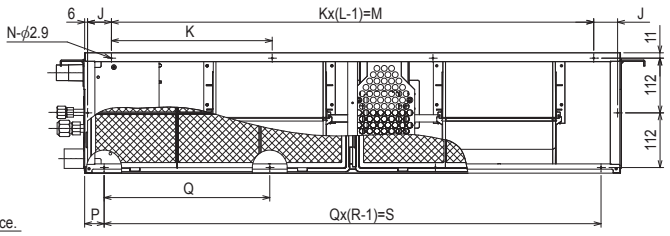
PEAD-SP100JA PEAD-SP125JA PEAD-SP140JA

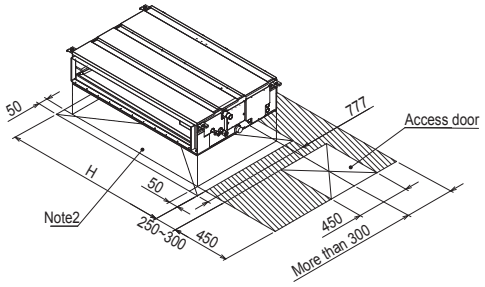


NOTE 1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-SP100•125•140JA models,which have 2 fans.
4. In case that the inlet duct is used, remove the air filter (supplied with the unit), then install the filter (field supply) at suction side.

Model	A	B	C	D	E	F	G	①Gas pipe	②Liquid pipe
PEAD-SP100/125JA	1400	1454	1500	1360	14	1300	1358	φ 15.88	φ 9.52
PEAD-SP140JA	1600	1654	1700	1560	16	1500	1558		



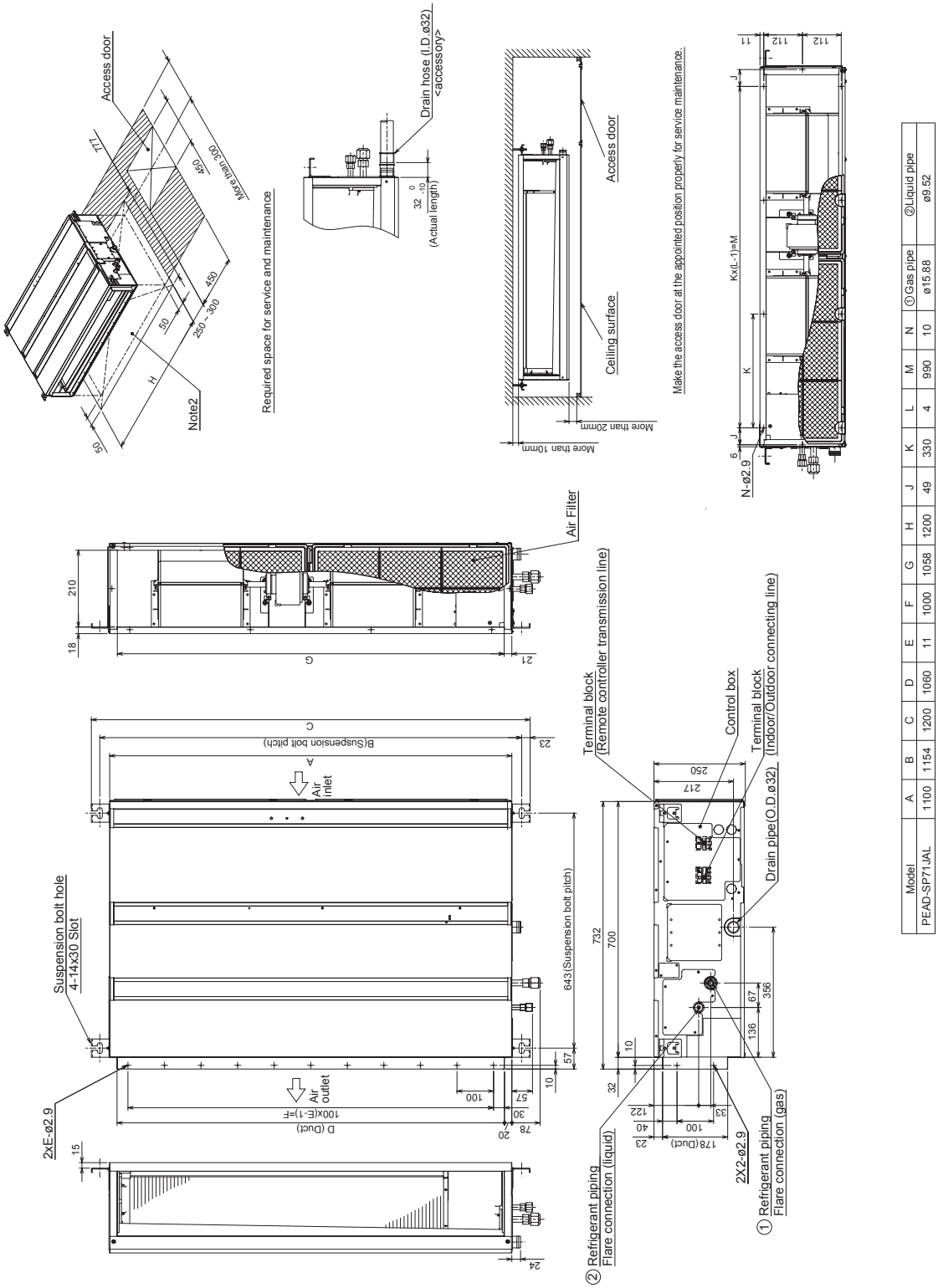




Required space for service and maintenance

Model	H	J	K	L	M	N	P	Q	R	S
PEAD-SP100/125JA	1500	54	320	5	1280	12	40	330	5	1320
PEAD-SP140JA	1700	54	370	5	1480	12	40	380	5	1520

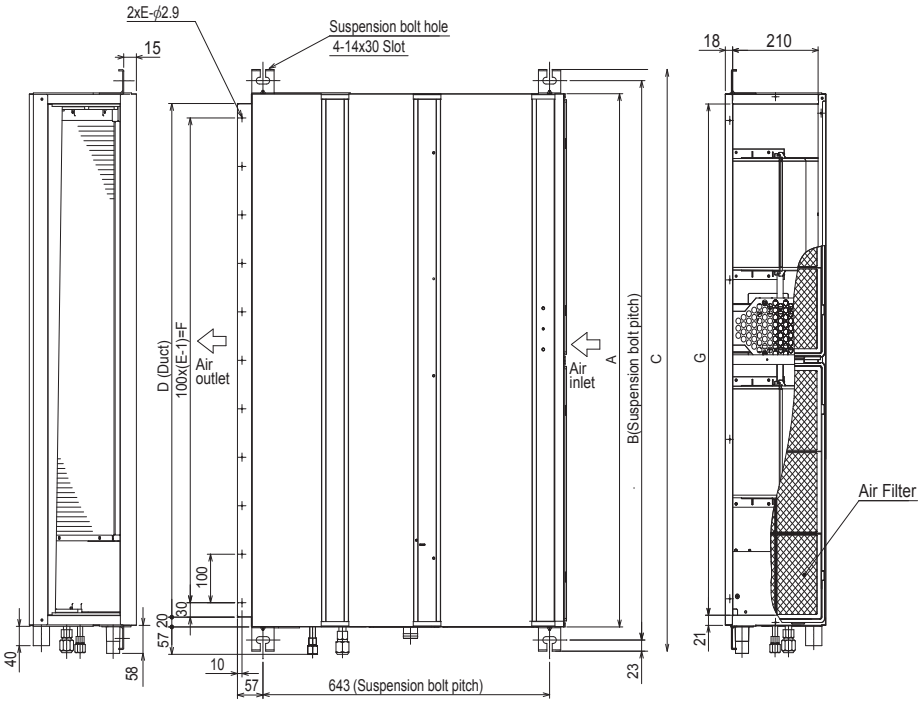
PEAD-SP71JAL

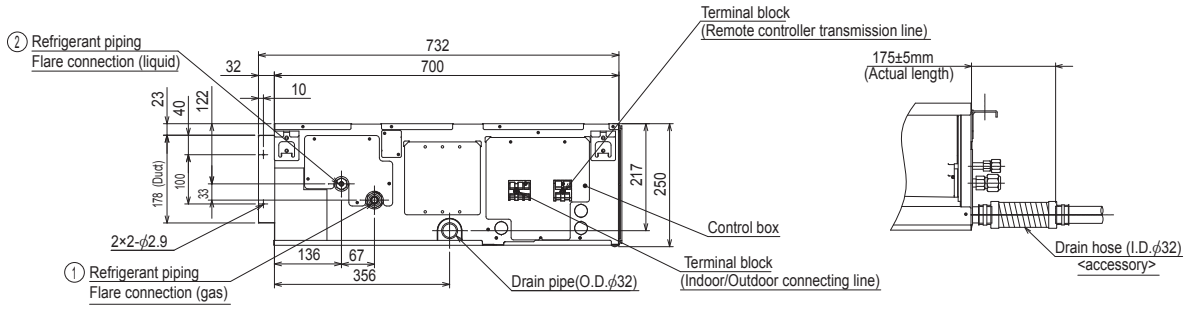


Model	A	B	C	D	E	F	G	H	J	K	L	M	N	①Gas pipe	②Liquid pipe
PEAD-SP71JAL	1100	1154	1200	1060	11	1000	1058	1200	49	330	4	990	10	ø15.88	ø9.52

NOTE 1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. In case of the inlet duct is used, remove the air filter (supply with the unit), then install the filter (field supply) at suction side.

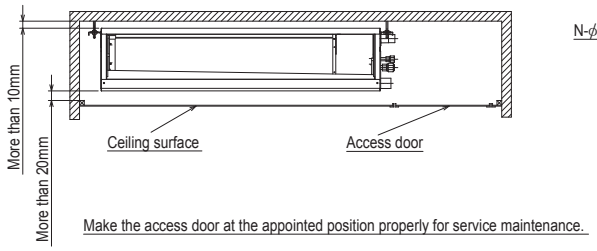
PEAD-SP100JAL PEAD-SP125JAL PEAD-SP140JAL

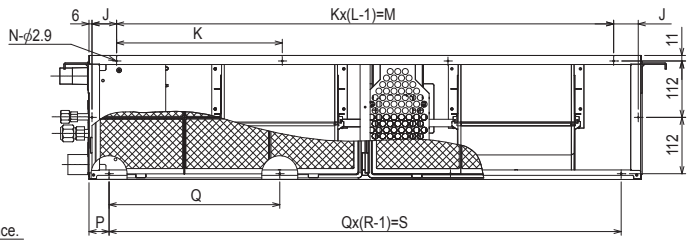




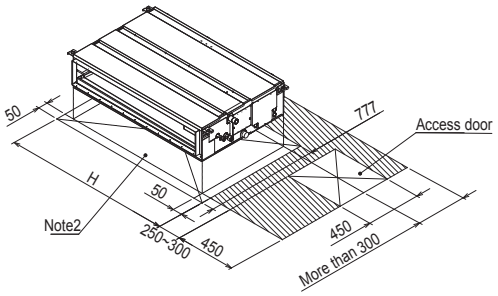
NOTE 1. Use M10 screw for the Suspension bolt (field supply).
2. Keep the service space for the maintenance at the bottom.
3. This chart indicates for PEAD-SP100•125•140JAL models,which have 2 fans.
4. In case of the inlet duct is used,remove the air filter (supplied with the unit), then install the filter (field supply) at suction side.

Model	A	B	C	D	E	F	G	①Gas pipe	②Liquid pipe
PEAD-SP100/125JAL	1400	1454	1500	1360	14	1300	1358	φ 15.88	φ 9.52
PEAD-SP140JAL	1600	1654	1700	1560	16	1500	1558		





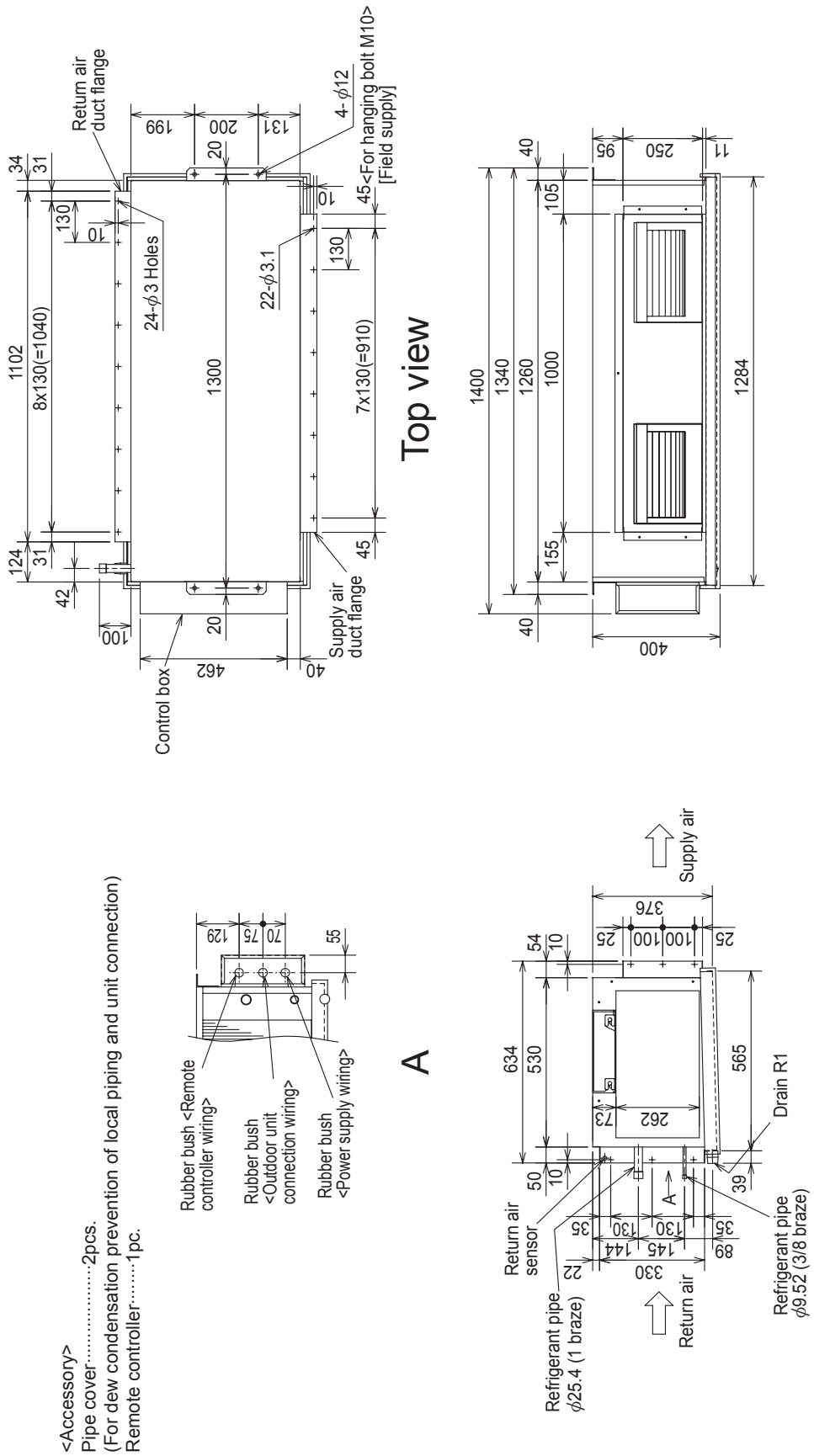
Model	H	J	K	L	M	N	P	Q	R	S
PEAD-SP100/125JAL	1500	54	320	5	1280	12	40	330	5	1320
PEAD-SP140JAL	1700	54	370	5	1480	12	40	380	5	1520



Required space for service and maintenance

PEA-RP200GAQ

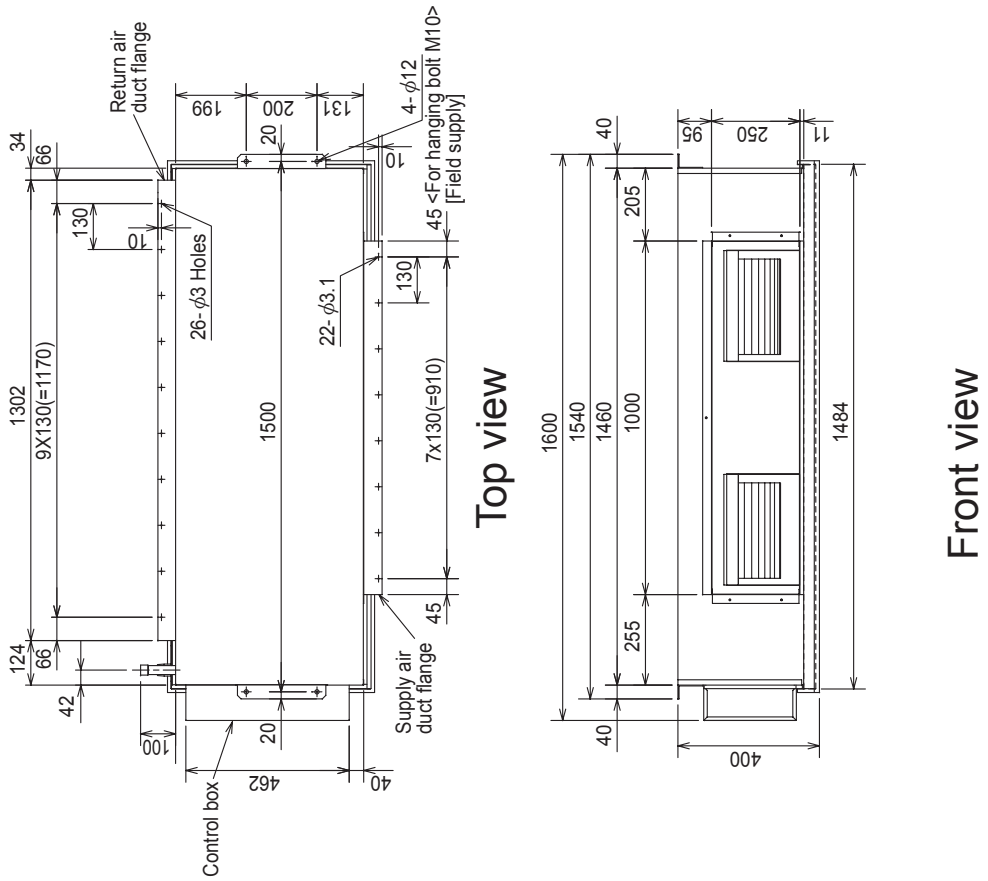
Unit : mm



<Accessory>
Pipe cover·····2pcs.
(For dew condensation prevention of local piping and unit connection)
Remote controller·····1pc.

PEA-RP250GAQ

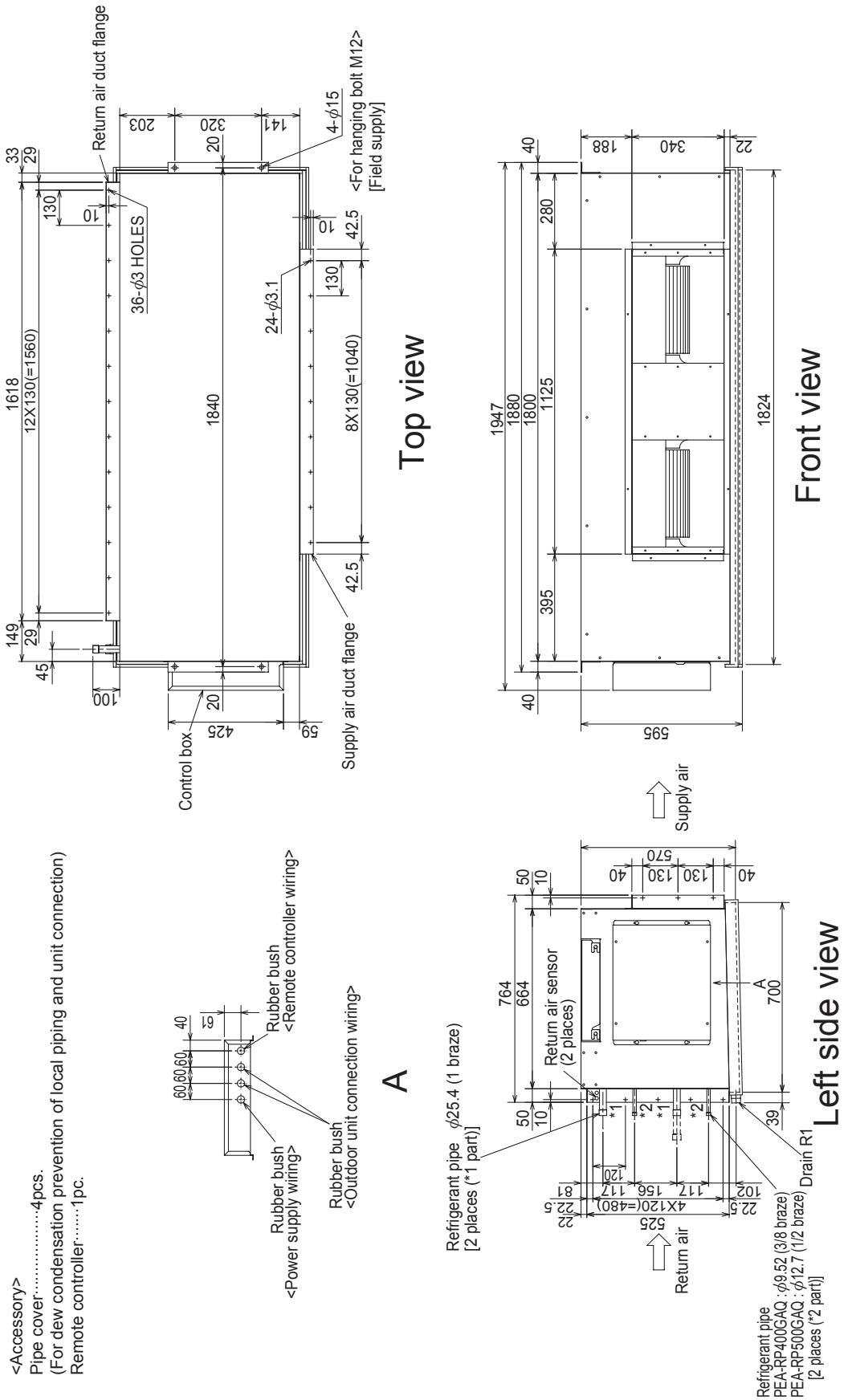
Unit : mm



<Accessory>
Pipe cover·····2pcs.
(For dew condensation prevention of local piping and unit connection)
Remote controller·····1pc.

PEA-RP400, 500GAQ

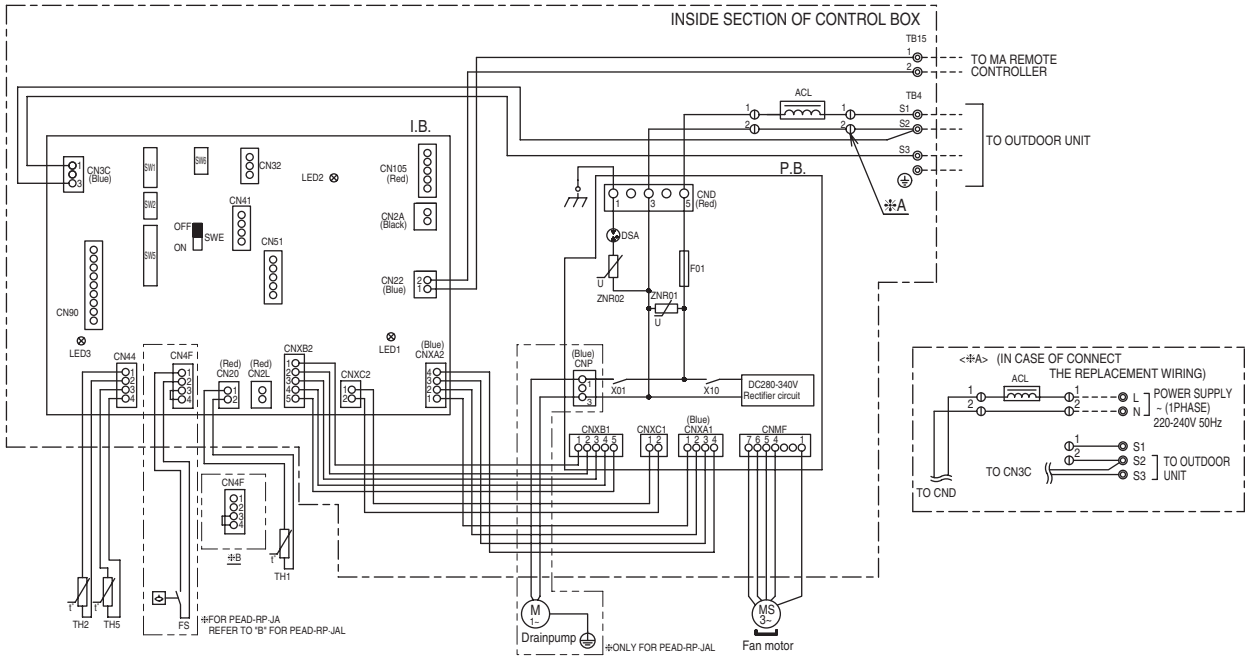
Unit : mm



<Accessory>
Pipe cover·····4pcs.
(For dew condensation prevention of local piping and unit connection)
Remote controller·····1pc.

A.6.3 WIRING DIAGRAM

PEAD-RP35JA(L)Q PEAD-RP50JA(L)Q PEAD-RP60JA(L)Q PEAD-RP71JA(L)Q PEAD-RP100JA(L)Q PEAD-RP125JA(L)Q PEAD-RP140JA(L)Q PEAD-SP71JA(L)

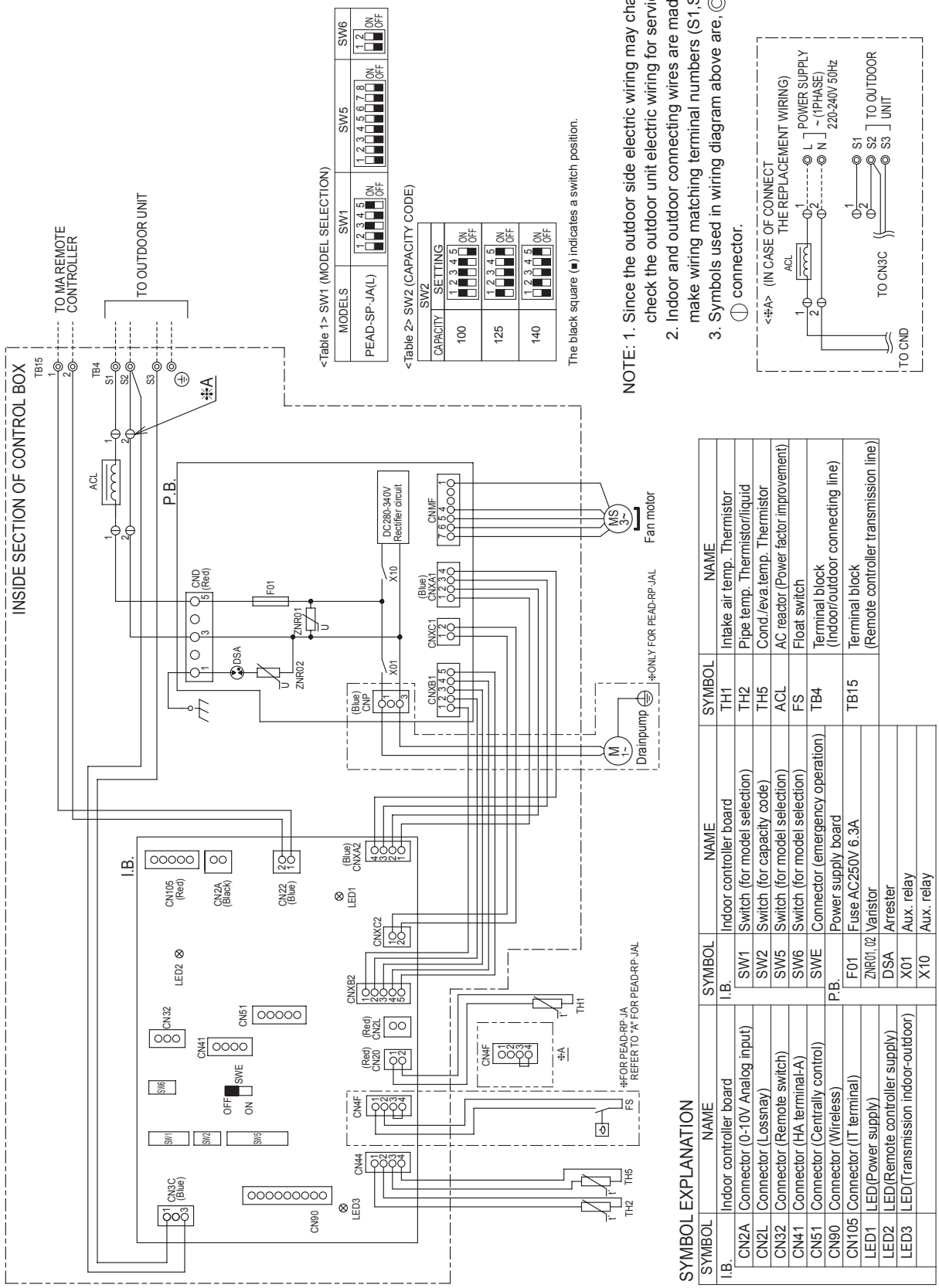


SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	I.B.	Indoor controller board	TH1	Intake air temp. Thermistor
CN2A	Connector (0-10V Analog input)	SW1	Switch (for mode selection)	TH2	Pipe temp. Thermistor/liquid
CN2L	Connector (Lossnay)	SW2	Switch (for capacity code)	TH5	Cond./eva.temp. Thermistor
CN32	Connector (Remote switch)	SW5	Switch (for model selection)	ACL	AC reactor(Power factor improvement)
CN41	Connector (HA terminal-A)	SW6	Switch (for model selection)	FS	Float switch
CN51	Connector (Centrally control)	SWE	Connector (emergency operation)	TB4	Terminal block (Indoor/outdoor connecting line)
CN90	Connector (Wireless)	P.B.	Power supply board		
CN105	Connector (IT terminal)	F01	Fuse AC250V 6.3A	TB15	Terminal block (Remote controller transmission line)
LED1	LED(Power supply)	ZNR01,02	Varistor		
LED2	LED(Remote controller supply)	DSA	Arrester		
LED3	LED(Transmission indoor-outdoor)	X01	Aux. relay		
		X10	Aux. relay		

NOTE:1.Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring for servicing.
2.Indoor and outdoor connecting wires are made with polarities,make wiring matching terminal numbers(S1,S2,S3).
3.Symbols used in wiring diagram above are, ◎terminal block, ⏀ connector.

PEAD-SP100JA(L) PEAD-SP125JA(L) PEAD-SP140JA(L)



<Table 1> SW1 (MODEL SELECTION)

MODELS	SW1	SW5	SW6
PEAD-SP-JA(L)	1 2 3 4 5 ON OFF	1 2 3 4 5 6 7 8 ON OFF	1 2 ON OFF

<Table 2> SW2 (CAPACITY CODE)

CAPACITY	SW2 SETTING
100	1 2 3 4 5 ON OFF
125	1 2 3 4 5 ON OFF
140	1 2 3 4 5 ON OFF

The black square (■) indicates a switch position.

NOTE: 1. Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring for servicing.
2. Indoor and outdoor connecting wires are made with polarities, make wiring matching terminal numbers (S1,S2,S3).
3. Symbols used in wiring diagram above are, ◎ terminal block, ⏀ connector.

SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	I.B.	Indoor controller board	TH1	Intake air temp. Thermistor
CN2A	Connector (0-10V Analog input)	SW1	Switch (for model selection)	TH2	Pipe temp. Thermistor/liquid
CN2L	Connector (Lossnay)	SW2	Switch (for capacity code)	TH5	Cond./eva.temp. Thermistor
CN32	Connector (Remote switch)	SW5	Switch (for model selection)	ACL	AC reactor (Power factor improvement)
CN41	Connector (HA terminal-A)	SW6	Switch (for model selection)	FS	Float switch
CN51	Connector (Centrally control)	SWE	Connector (emergency operation)	TB4	Terminal block (Indoor/outdoor connecting line)
CN90	Connector (Wireless)	P.B.	Power supply board	TB15	Terminal block (Remote controller transmission line)
CN105	Connector (IT terminal)	F01	Fuse AC250V 6.3A		
LED1	LED(Power supply)	ZNR01, 02	Varistor		
LED2	LED(Remote controller supply)	DSA	Arrester		
LED3	LED(Transmission indoor-outdoor)	X01	Aux. relay		
		X10	Aux. relay		

PEA-RP200, RP250GAQ

INDOOR UNIT

SYMBOL		NAME
MS		FAN MOTOR (INDOOR)
51F		OVER CURRENT RELAY (INDOOR FAN MOTOR)
52FLo		MAGNETIC CONTACTOR (INDOOR FAN MOTOR<LOW SPEED>)
52FHi,XL		MAGNETIC CONTACTOR (INDOOR FAN MOTOR<HIGH SPEED>)
49F		INTERNAL THERMOSTAT (INDOOR FAN MOTOR)
TB2,4,5		TERMINAL BLOCK
TH1	THERMISTOR	ROOM TEMP
TH2		LIQUID PIPE TEMP
TH5		COND/EVA TEMP
X1		AUXILIARY RELAY
CR1,2		SURGE KILLER
FB		FERRITE CORE
INDOOR CONTROLLER BOARD	FUSE	FUSE (T6.3AL250V)
	ZNR	VARISTOR
	X4-6	AUXILIARY RELAY
	SW1	SWITCH (MODEL SELECTION)
	SW2	SWITCH (CAPACITY CODE)
	SWE	CONNECTOR (EMERGENCY OPERATION)
	LED1	LED (POWER SUPPLY)
	LED2	LED (POWER SUPPLY<REMOTE CONTROLLER>)
	LED3	LED (TRANSMISSION<INDOOR-OUTDOOR>)
	CN2L	CONNECTOR (LOSSNAY)
	CN31	CONNECTOR (DRAIN SENSOR)
	CN32	CONNECTOR (REMOTE SWITCH)
	CN41	CONNECTOR (HA TERMINAL-A)
	CN51	CONNECTOR (CENTRALLY CONTROL)

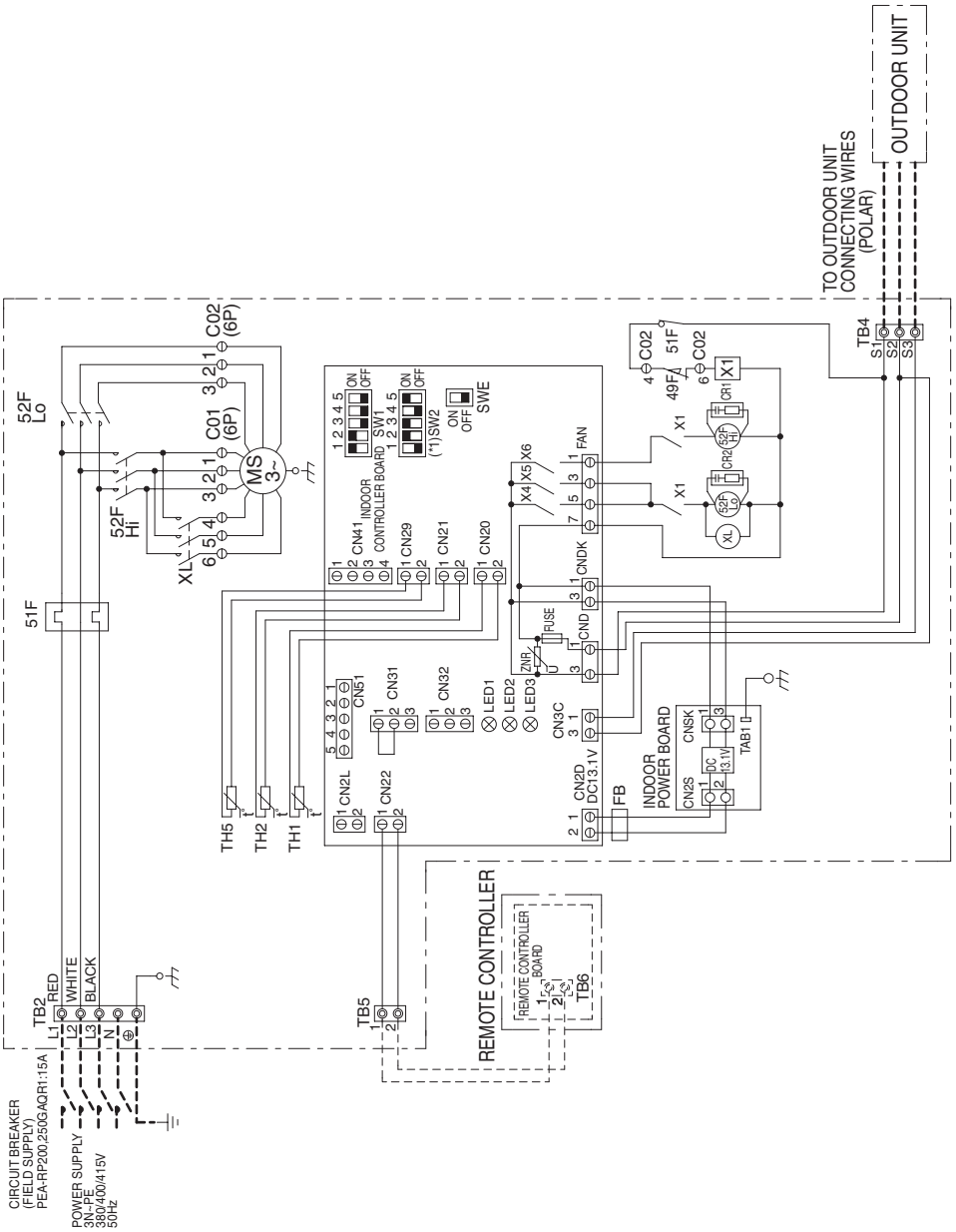
REMOTE CONTROLLER

SYMBOL	NAME
TB6	TERMINAL BLOCK

Note:1. Color of earth wire is yellow and green twisting.
2. Specification subject to change without notice.
3. Indoor and outdoor connecting wires are made with polarities,make sure matching wiring and terminal.
4. Emergency operation
If a trouble occurs with either the remote controller or the indoor microcomputer and no other trouble exists, emergency operation for cooling or heating can be performed by changing the setting of connector (SWE) "ON" on the indoor controller board.
SWE :ON / Indoor fan is running high speed.
5. Symbols used in wiring diagram above are,
⊖:CONNECTOR
◎:TERMINAL
▬▬▬ (HEAVY DOTTED LINE):FIELD WIRING
– – – – – – (THIN DOTTED LINE) ,:OPTIONAL PARTS
6. (*1)SW2 shows PEA-RP250 setting.
In case of PEA-RP200 setting is shown as below.



Caution,
1.To protect fan motor from abnormal current,over current relays is installed. Therefore, do not change factory set value of over current relays.



PEA-RP400, RP500GAQ

INDOOR UNIT

SYMBOL		NAME
MF1		FAN MOTOR (INDOOR)
51F		OVER CURRENT RELAY (INDOOR FAN MOTOR)
52F		MAGNETIC CONTACTOR (INDOOR FAN MOTOR)
49F		INTERNAL THERMOSTAT (INDOOR FAN MOTOR)
TB2,4-1,4-2,5		TERMINAL BLOCK
TH1-1,1-2	THERMISTOR	ROOM TEMP
TH2-1,2-2		LIQUID PIPE TEMP
TH5-1,5-2		COND/EVA TEMP
X1,2		AUXILIARY RELAY
CR		SURGE KILLER
FB11,FB12 FB21,FB22		FERRITE CORE
INDOOR CONTROLLER BOARD	FUSE	FUSE (T6.3AL250V)
	ZNR	VARISTOR
	X4-6	AUXILIARY RELAY
	SW1	SWITCH (MODEL SELECTION)
	SW2	SWITCH (CAPACITY CODE)
	SWE	CONNECTOR (EMERGENCY OPERATION)
	LED1	LED (POWER SUPPLY)
	LED2	LED (POWER SUPPLY<REMOTE CONTROLLER>)
	LED3	LED (TRANSMISSION<INDOOR-OUTDOOR>)
	CN2L	CONNECTOR (LOSSNAY)
	CN31	CONNECTOR (DRAIN SENSOR)
	CN32	CONNECTOR (REMOTE SWITCH)
	CN41	CONNECTOR (HA TERMINAL-A)
	CN51	CONNECTOR (CENTRALLY CONTROL)
SNB BOARD 1	ZNR5~7	VARISTOR
	DSA,DSR	ARRESTER

OUTDOOR UNIT

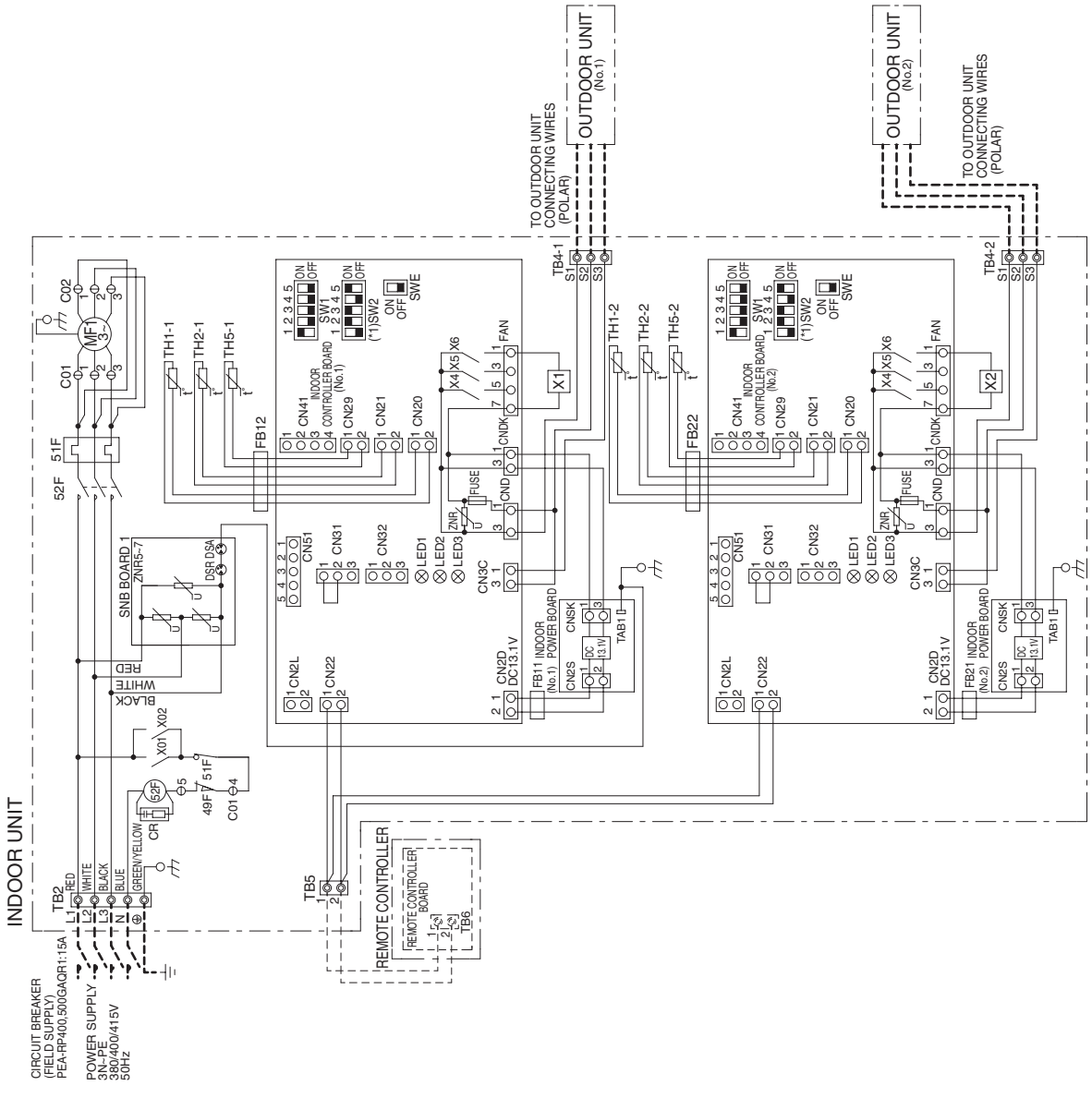
SYMBOL	NAME
TB3,TB8	TERMINAL BLOCK

REMOTE CONTROLLER

SYMBOL	NAME
TB6	TERMINAL BLOCK

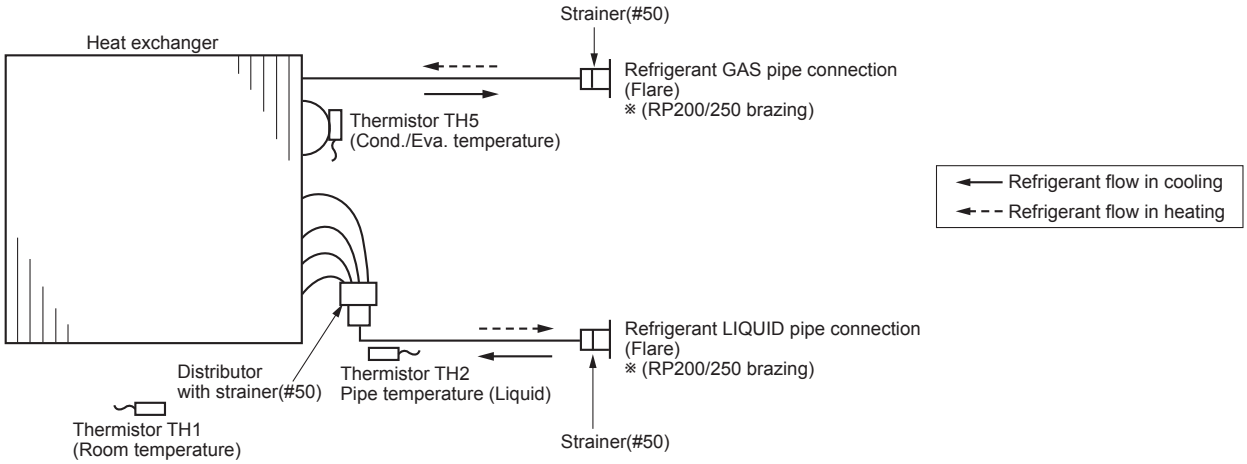
Note:1. Color of earth wire is yellow and green twisting.
2. Specification subject to change without notice.
3. Indoor and outdoor connecting wires are made with polarities,make sure matching wiring and terminal.
4. Emergency operation
If a trouble occurs with either the remote controller or the indoor microcomputer and no other trouble exists, emergency operation for cooling or heating can be performed by changing the setting of connector (SWE) "ON" on the indoor controller board.
SWE :ON / Indoor fan is running high speed.
5. Symbols used in wiring diagram above are,
⊖ :CONNECTOR ◎ :TERMINAL
▬▬▬ (HEAVY DOTTED LINE):FIELD WIRING
- - - - - (THIN DOTTED LINE):OPTIONAL PARTS
6. (*1)SW2 shows PEA-RP500 setting.(2places)
In case of PEA-RP400 setting is shown as below.
1 2 3 4 5 ON / OFF (*1)SW2

Caution,
1.To protect fan motor from abnormal current,over current relays is installed. Therefore, do not change factory set value of over current relays.

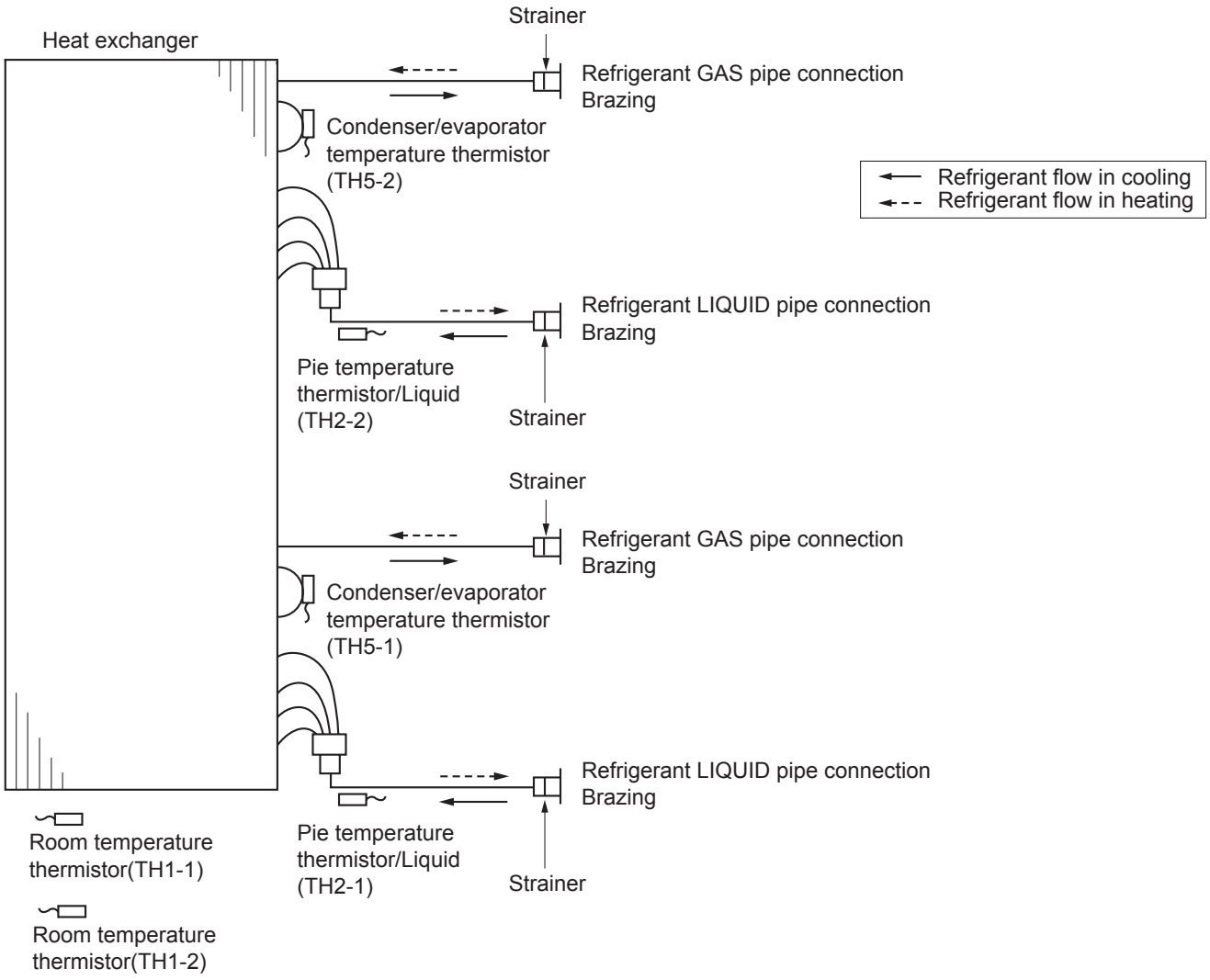


A.6.4 REFRIGERANT SYSTEM DIAGRAM

PEAD-RP35JA(L)Q PEAD-RP50JA(L)Q PEAD-RP60JA(L)Q PEAD-RP71JA(L)Q
PEAD-RP100JA(L)Q PEAD-RP125JA(L)Q PEAD-RP140JA(L)Q
PEA-RP200GAQ PEA-RP250GAQ
PEAD-SP71JA(L) PEAD-SP100JA(L) PEAD-SP125JA(L) PEAD-SP140JA(L)



PEA-RP400GAQ PEA-RP500GAQ



A.6.5 PERFORMANCE DATA

A.6.5.1 INVERTER MODELS Heat pump type

1. INDOOR UNIT: PEAD-RP•JA MODEL

COOLING CAPACITY

PEAD-RP100JAQ / PUHZ-SHW112VHA(-BS), PUHZ-SHW112YHA(-BS)

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,900	7,821	0.79	2.34	9,600	7,584	0.79	2.47	9,300	7,347	0.79	2.62
20	18	10,600	7,102	0.67	2.38	10,300	6,901	0.67	2.51	9,950	6,667	0.67	2.69
20	20	11,400	6,270	0.55	2.46	11,150	6,133	0.55	2.57	10,850	5,968	0.55	2.75
22	16	9,900	8,613	0.87	2.34	9,600	8,352	0.87	2.47	9,300	8,091	0.87	2.62
22	18	10,600	7,950	0.75	2.38	10,300	7,725	0.75	2.51	9,950	7,463	0.75	2.69
22	20	11,400	7,182	0.63	2.46	11,150	7,025	0.63	2.57	10,850	6,836	0.63	2.75
24	16	9,900	9,405	0.95	2.34	9,600	9,120	0.95	2.47	9,300	8,835	0.95	2.62
24	18	10,600	8,798	0.83	2.38	10,300	8,549	0.83	2.51	9,950	8,259	0.83	2.69
24	20	11,400	8,094	0.71	2.46	11,150	7,917	0.71	2.57	10,850	7,704	0.71	2.75
24	22	12,150	7,169	0.59	2.51	11,900	7,021	0.59	2.66	11,600	6,844	0.59	2.84
26	16	9,900	9,900	1.00	2.34	9,600	9,600	1.00	2.47	9,300	9,300	1.00	2.62
26	18	10,600	9,646	0.91	2.38	10,300	9,373	0.91	2.51	9,950	9,055	0.91	2.69
26	20	11,400	9,006	0.79	2.46	11,150	8,809	0.79	2.57	10,850	8,572	0.79	2.75
26	22	12,150	8,141	0.67	2.51	11,900	7,973	0.67	2.66	11,600	7,772	0.67	2.84
27	16	9,900	9,900	1.00	2.34	9,600	9,600	1.00	2.47	9,300	9,300	1.00	2.62
27	18	10,600	10,070	0.95	2.38	10,300	9,785	0.95	2.51	9,950	9,453	0.95	2.69
27	20	11,400	9,462	0.83	2.46	11,150	9,255	0.83	2.57	10,850	9,006	0.83	2.75
27	22	12,150	8,627	0.71	2.51	11,900	8,449	0.71	2.66	11,600	8,236	0.71	2.84
28	16	9,900	9,900	1.00	2.34	9,600	9,600	1.00	2.47	9,300	9,300	1.00	2.62
28	18	10,600	10,494	0.99	2.38	10,300	10,197	0.99	2.51	9,950	9,851	0.99	2.69
28	20	11,400	9,918	0.87	2.46	11,150	9,701	0.87	2.57	10,850	9,440	0.87	2.75
28	22	12,150	9,113	0.75	2.51	11,900	8,925	0.75	2.66	11,600	8,700	0.75	2.84
30	16	9,900	9,900	1.00	2.34	9,600	9,600	1.00	2.47	9,300	9,300	1.00	2.62
30	18	10,600	10,600	1.00	2.38	10,300	10,300	1.00	2.51	9,950	9,950	1.00	2.69
30	20	11,400	10,830	0.95	2.46	11,150	10,593	0.95	2.57	10,850	10,308	0.95	2.75
30	22	12,150	10,085	0.83	2.51	11,900	9,877	0.83	2.66	11,600	9,628	0.83	2.84
32	16	9,900	9,900	1.00	2.34	9,600	9,600	1.00	2.47	9,300	9,300	1.00	2.62
32	18	10,600	10,600	1.00	2.38	10,300	10,300	1.00	2.51	9,950	9,950	1.00	2.69
32	20	11,400	11,400	1.00	2.46	11,150	11,150	1.00	2.57	10,850	10,850	1.00	2.75
32	22	12,150	11,057	0.91	2.51	11,900	10,829	0.91	2.66	11,600	10,556	0.91	2.84
34	16	9,900	9,900	1.00	2.34	9,600	9,600	1.00	2.47	9,300	9,300	1.00	2.62
34	18	10,600	10,600	1.00	2.38	10,300	10,300	1.00	2.51	9,950	9,950	1.00	2.69
34	20	11,400	11,400	1.00	2.46	11,150	11,150	1.00	2.57	10,850	10,850	1.00	2.75
34	22	12,150	12,029	0.99	2.51	11,900	11,781	0.99	2.66	11,600	11,484	0.99	2.84

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,900	7,031	0.79	2.81	8,500	6,715	0.79	3.01	8,100	6,399	0.79	3.26
20	18	9,600	6,432	0.67	2.88	9,300	6,231	0.67	3.10	8,700	5,829	0.67	3.33
20	20	10,400	5,720	0.55	2.95	10,000	5,500	0.55	3.16	9,400	5,170	0.55	3.39
22	16	8,900	7,743	0.87	2.81	8,500	7,395	0.87	3.01	8,100	7,047	0.87	3.26
22	18	9,600	7,200	0.75	2.88	9,300	6,975	0.75	3.10	8,700	6,525	0.75	3.33
22	20	10,400	6,552	0.63	2.95	10,000	6,300	0.63	3.16	9,400	5,922	0.63	3.39
24	16	8,900	8,455	0.95	2.81	8,500	8,075	0.95	3.01	8,100	7,695	0.95	3.26
24	18	9,600	7,968	0.83	2.88	9,300	7,719	0.83	3.10	8,700	7,221	0.83	3.33
24	20	10,400	7,384	0.71	2.95	10,000	7,100	0.71	3.16	9,400	6,674	0.71	3.39
24	22	11,200	6,608	0.59	3.01	10,800	6,372	0.59	3.25	10,200	6,018	0.59	3.45
26	16	8,900	8,900	1.00	2.81	8,500	8,500	1.00	3.01	8,100	8,100	1.00	3.26
26	18	9,600	8,736	0.91	2.88	9,300	8,463	0.91	3.10	8,700	7,917	0.91	3.33
26	20	10,400	8,216	0.79	2.95	10,000	7,900	0.79	3.16	9,400	7,426	0.79	3.39
26	22	11,200	7,504	0.67	3.01	10,800	7,236	0.67	3.25	10,200	6,834	0.67	3.45
27	16	8,900	8,900	1.00	2.81	8,500	8,500	1.00	3.01	8,100	8,100	1.00	3.26
27	18	9,600	9,120	0.95	2.88	9,300	8,835	0.95	3.10	8,700	8,265	0.95	3.33
27	20	10,400	8,632	0.83	2.95	10,000	8,300	0.83	3.16	9,400	7,802	0.83	3.39
27	22	11,200	7,952	0.71	3.01	10,800	7,668	0.71	3.25	10,200	7,242	0.71	3.45
28	16	8,900	8,900	1.00	2.81	8,500	8,500	1.00	3.01	8,100	8,100	1.00	3.26
28	18	9,600	9,504	0.99	2.88	9,300	9,207	0.99	3.10	8,700	8,613	0.99	3.33
28	20	10,400	9,048	0.87	2.95	10,000	8,700	0.87	3.16	9,400	8,178	0.87	3.39
28	22	11,200	8,400	0.75	3.01	10,800	8,100	0.75	3.25	10,200	7,650	0.75	3.45
30	16	8,900	8,900	1.00	2.81	8,500	8,500	1.00	3.01	8,100	8,100	1.00	3.26
30	18	9,600	9,600	1.00	2.88	9,300	9,300	1.00	3.10	8,700	8,700	1.00	3.33
30	20	10,400	9,880	0.95	2.95	10,000	9,500	0.95	3.16	9,400	8,930	0.95	3.39
30	22	11,200	9,296	0.83	3.01	10,800	8,964	0.83	3.25	10,200	8,466	0.83	3.45
32	16	8,900	8,900	1.00	2.81	8,500	8,500	1.00	3.01	8,100	8,100	1.00	3.26
32	18	9,600	9,600	1.00	2.88	9,300	9,300	1.00	3.10	8,700	8,700	1.00	3.33
32	20	10,400	10,400	1.00	2.95	10,000	10,000	1.00	3.16	9,400	9,400	1.00	3.39
32	22	11,200	10,192	0.91	3.01	10,800	9,828	0.91	3.25	10,200	9,282	0.91	3.45
34	16	8,900	8,900	1.00	2.81	8,500	8,500	1.00	3.01	8,100	8,100	1.00	3.26
34	18	9,600	9,600	1.00	2.88	9,300	9,300	1.00	3.10	8,700	8,700	1.00	3.33
34	20	10,400	10,400	1.00	2.95	10,000	10,000	1.00	3.16	9,400	9,400	1.00	3.39
34	22	11,200	11,088	0.99	3.01	10,800	10,692	0.99	3.25	10,200	10,098	0.99	3.45

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP125JAQ / PUHZ-SHW140YHA(-BS)

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	9,158	0.74	3.12	12,000	8,880	0.74	3.29	11,625	8,603	0.74	3.49
20	18	13,250	8,215	0.62	3.17	12,875	7,983	0.62	3.35	12,438	7,711	0.62	3.58
20	20	14,250	7,125	0.50	3.27	13,938	6,969	0.50	3.43	13,563	6,781	0.50	3.66
22	16	12,375	10,148	0.82	3.12	12,000	9,840	0.82	3.29	11,625	9,533	0.82	3.49
22	18	13,250	9,275	0.70	3.17	12,875	9,013	0.70	3.35	12,438	8,706	0.70	3.58
22	20	14,250	8,265	0.58	3.27	13,938	8,084	0.58	3.43	13,563	7,866	0.58	3.66
24	16	12,375	11,138	0.90	3.12	12,000	10,800	0.90	3.29	11,625	10,463	0.90	3.49
24	18	13,250	10,335	0.78	3.17	12,875	10,043	0.78	3.35	12,438	9,701	0.78	3.58
24	20	14,250	9,405	0.66	3.27	13,938	9,199	0.66	3.43	13,563	8,951	0.66	3.66
24	22	15,188	8,201	0.54	3.35	14,875	8,033	0.54	3.54	14,500	7,830	0.54	3.78
26	16	12,375	12,128	0.98	3.12	12,000	11,760	0.98	3.29	11,625	11,393	0.98	3.49
26	18	13,250	11,395	0.86	3.17	12,875	11,073	0.86	3.35	12,438	10,696	0.86	3.58
26	20	14,250	10,545	0.74	3.27	13,938	10,314	0.74	3.43	13,563	10,036	0.74	3.66
26	22	15,188	9,416	0.62	3.35	14,875	9,223	0.62	3.54	14,500	8,990	0.62	3.78
27	16	12,375	12,375	1.00	3.12	12,000	12,000	1.00	3.29	11,625	11,625	1.00	3.49
27	18	13,250	11,925	0.90	3.17	12,875	11,588	0.90	3.35	12,438	11,194	0.90	3.58
27	20	14,250	11,115	0.78	3.27	13,938	10,871	0.78	3.43	13,563	10,579	0.78	3.66
27	22	15,188	10,024	0.66	3.35	14,875	9,818	0.66	3.54	14,500	9,570	0.66	3.78
28	16	12,375	12,375	1.00	3.12	12,000	12,000	1.00	3.29	11,625	11,625	1.00	3.49
28	18	13,250	12,455	0.94	3.17	12,875	12,103	0.94	3.35	12,438	11,691	0.94	3.58
28	20	14,250	11,685	0.82	3.27	13,938	11,429	0.82	3.43	13,563	11,121	0.82	3.66
28	22	15,188	10,631	0.70	3.35	14,875	10,413	0.70	3.54	14,500	10,150	0.70	3.78
30	16	12,375	12,375	1.00	3.12	12,000	12,000	1.00	3.29	11,625	11,625	1.00	3.49
30	18	13,250	13,250	1.00	3.17	12,875	12,875	1.00	3.35	12,438	12,438	1.00	3.58
30	20	14,250	12,825	0.90	3.27	13,938	12,544	0.90	3.43	13,563	12,206	0.90	3.66
30	22	15,188	11,846	0.78	3.35	14,875	11,603	0.78	3.54	14,500	11,310	0.78	3.78
32	16	12,375	12,375	1.00	3.12	12,000	12,000	1.00	3.29	11,625	11,625	1.00	3.49
32	18	13,250	13,250	1.00	3.17	12,875	12,875	1.00	3.35	12,438	12,438	1.00	3.58
32	20	14,250	13,965	0.98	3.27	13,938	13,659	0.98	3.43	13,563	13,291	0.98	3.66
32	22	15,188	13,061	0.86	3.35	14,875	12,793	0.86	3.54	14,500	12,470	0.86	3.78
34	16	12,375	12,375	1.00	3.12	12,000	12,000	1.00	3.29	11,625	11,625	1.00	3.49
34	18	13,250	13,250	1.00	3.17	12,875	12,875	1.00	3.35	12,438	12,438	1.00	3.58
34	20	14,250	14,250	1.00	3.27	13,938	13,938	1.00	3.43	13,563	13,563	1.00	3.66
34	22	15,188	14,276	0.94	3.35	14,875	13,983	0.94	3.54	14,500	13,630	0.94	3.78

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	8,233	0.74	3.74	10,625	7,863	0.74	4.01	10,125	7,493	0.74	4.34
20	18	12,000	7,440	0.62	3.84	11,625	7,208	0.62	4.13	10,875	6,743	0.62	4.44
20	20	13,000	6,500	0.50	3.93	12,500	6,250	0.50	4.21	11,750	5,875	0.50	4.52
22	16	11,125	9,123	0.82	3.74	10,625	8,713	0.82	4.01	10,125	8,303	0.82	4.34
22	18	12,000	8,400	0.70	3.84	11,625	8,138	0.70	4.13	10,875	7,613	0.70	4.44
22	20	13,000	7,540	0.58	3.93	12,500	7,250	0.58	4.21	11,750	6,815	0.58	4.52
24	16	11,125	10,013	0.90	3.74	10,625	9,563	0.90	4.01	10,125	9,113	0.90	4.34
24	18	12,000	9,360	0.78	3.84	11,625	9,068	0.78	4.13	10,875	8,483	0.78	4.44
24	20	13,000	8,580	0.66	3.93	12,500	8,250	0.66	4.21	11,750	7,755	0.66	4.52
24	22	14,000	7,560	0.54	4.01	13,500	7,290	0.54	4.32	12,750	6,885	0.54	4.60
26	16	11,125	10,903	0.98	3.74	10,625	10,413	0.98	4.01	10,125	9,923	0.98	4.34
26	18	12,000	10,320	0.86	3.84	11,625	9,998	0.86	4.13	10,875	9,353	0.86	4.44
26	20	13,000	9,620	0.74	3.93	12,500	9,250	0.74	4.21	11,750	8,695	0.74	4.52
26	22	14,000	8,680	0.62	4.01	13,500	8,370	0.62	4.32	12,750	7,905	0.62	4.60
27	16	11,125	11,125	1.00	3.74	10,625	10,625	1.00	4.01	10,125	10,125	1.00	4.34
27	18	12,000	10,800	0.90	3.84	11,625	10,463	0.90	4.13	10,875	9,788	0.90	4.44
27	20	13,000	10,140	0.78	3.93	12,500	9,750	0.78	4.21	11,750	9,165	0.78	4.52
27	22	14,000	9,240	0.66	4.01	13,500	8,910	0.66	4.32	12,750	8,415	0.66	4.60
28	16	11,125	11,125	1.00	3.74	10,625	10,625	1.00	4.01	10,125	10,125	1.00	4.34
28	18	12,000	11,280	0.94	3.84	11,625	10,928	0.94	4.13	10,875	10,223	0.94	4.44
28	20	13,000	10,660	0.82	3.93	12,500	10,250	0.82	4.21	11,750	9,635	0.82	4.52
28	22	14,000	9,800	0.70	4.01	13,500	9,450	0.70	4.32	12,750	8,925	0.70	4.60
30	16	11,125	11,125	1.00	3.74	10,625	10,625	1.00	4.01	10,125	10,125	1.00	4.34
30	18	12,000	12,000	1.00	3.84	11,625	11,625	1.00	4.13	10,875	10,875	1.00	4.44
30	20	13,000	11,700	0.90	3.93	12,500	11,250	0.90	4.21	11,750	10,575	0.90	4.52
30	22	14,000	10,920	0.78	4.01	13,500	10,530	0.78	4.32	12,750	9,945	0.78	4.60
32	16	11,125	11,125	1.00	3.74	10,625	10,625	1.00	4.01	10,125	10,125	1.00	4.34
32	18	12,000	12,000	1.00	3.84	11,625	11,625	1.00	4.13	10,875	10,875	1.00	4.44
32	20	13,000	12,740	0.98	3.93	12,500	12,250	0.98	4.21	11,750	11,515	0.98	4.52
32	22	14,000	12,040	0.86	4.01	13,500	11,610	0.86	4.32	12,750	10,965	0.86	4.60
34	16	11,125	11,125	1.00	3.74	10,625	10,625	1.00	4.01	10,125	10,125	1.00	4.34
34	18	12,000	12,000	1.00	3.84	11,625	11,625	1.00	4.13	10,875	10,875	1.00	4.44
34	20	13,000	13,000	1.00	3.93	12,500	12,500	1.00	4.21	11,750	11,750	1.00	4.52
34	22	14,000	13,160	0.94	4.01	13,500	12,690	0.94	4.32	12,750	11,985	0.94	4.60

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP100JALQ / PUHZ-SHW112VHA(-BS),PUHZ-SHW112YHA(-BS)

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,900	7,821	0.79	2.32	9,600	7,584	0.79	2.45	9,300	7,347	0.79	2.60
20	18	10,600	7,102	0.67	2.37	10,300	6,901	0.67	2.50	9,950	6,667	0.67	2.67
20	20	11,400	6,270	0.55	2.44	11,150	6,133	0.55	2.56	10,850	5,968	0.55	2.73
22	16	9,900	8,613	0.87	2.32	9,600	8,352	0.87	2.45	9,300	8,091	0.87	2.60
22	18	10,600	7,950	0.75	2.37	10,300	7,725	0.75	2.50	9,950	7,463	0.75	2.67
22	20	11,400	7,182	0.63	2.44	11,150	7,025	0.63	2.56	10,850	6,836	0.63	2.73
24	16	9,900	9,405	0.95	2.32	9,600	9,120	0.95	2.45	9,300	8,835	0.95	2.60
24	18	10,600	8,798	0.83	2.37	10,300	8,549	0.83	2.50	9,950	8,259	0.83	2.67
24	20	11,400	8,094	0.71	2.44	11,150	7,917	0.71	2.56	10,850	7,704	0.71	2.73
24	22	12,150	7,169	0.59	2.50	11,900	7,021	0.59	2.64	11,600	6,844	0.59	2.82
26	16	9,900	9,900	1.00	2.32	9,600	9,600	1.00	2.45	9,300	9,300	1.00	2.60
26	18	10,600	9,646	0.91	2.37	10,300	9,373	0.91	2.50	9,950	9,055	0.91	2.67
26	20	11,400	9,006	0.79	2.44	11,150	8,809	0.79	2.56	10,850	8,572	0.79	2.73
26	22	12,150	8,141	0.67	2.50	11,900	7,973	0.67	2.64	11,600	7,772	0.67	2.82
27	16	9,900	9,900	1.00	2.32	9,600	9,600	1.00	2.45	9,300	9,300	1.00	2.60
27	18	10,600	10,070	0.95	2.37	10,300	9,785	0.95	2.50	9,950	9,453	0.95	2.67
27	20	11,400	9,462	0.83	2.44	11,150	9,255	0.83	2.56	10,850	9,006	0.83	2.73
27	22	12,150	8,627	0.71	2.50	11,900	8,449	0.71	2.64	11,600	8,236	0.71	2.82
28	16	9,900	9,900	1.00	2.32	9,600	9,600	1.00	2.45	9,300	9,300	1.00	2.60
28	18	10,600	10,494	0.99	2.37	10,300	10,197	0.99	2.50	9,950	9,851	0.99	2.67
28	20	11,400	9,918	0.87	2.44	11,150	9,701	0.87	2.56	10,850	9,440	0.87	2.73
28	22	12,150	9,113	0.75	2.50	11,900	8,925	0.75	2.64	11,600	8,700	0.75	2.82
30	16	9,900	9,900	1.00	2.32	9,600	9,600	1.00	2.45	9,300	9,300	1.00	2.60
30	18	10,600	10,600	1.00	2.37	10,300	10,300	1.00	2.50	9,950	9,950	1.00	2.67
30	20	11,400	10,830	0.95	2.44	11,150	10,593	0.95	2.56	10,850	10,308	0.95	2.73
30	22	12,150	10,085	0.83	2.50	11,900	9,877	0.83	2.64	11,600	9,628	0.83	2.82
32	16	9,900	9,900	1.00	2.32	9,600	9,600	1.00	2.45	9,300	9,300	1.00	2.60
32	18	10,600	10,600	1.00	2.37	10,300	10,300	1.00	2.50	9,950	9,950	1.00	2.67
32	20	11,400	11,400	1.00	2.44	11,150	11,150	1.00	2.56	10,850	10,850	1.00	2.73
32	22	12,150	11,057	0.91	2.50	11,900	10,829	0.91	2.64	11,600	10,556	0.91	2.82
34	16	9,900	9,900	1.00	2.32	9,600	9,600	1.00	2.45	9,300	9,300	1.00	2.60
34	18	10,600	10,600	1.00	2.37	10,300	10,300	1.00	2.50	9,950	9,950	1.00	2.67
34	20	11,400	11,400	1.00	2.44	11,150	11,150	1.00	2.56	10,850	10,850	1.00	2.73
34	22	12,150	12,029	0.99	2.50	11,900	11,781	0.99	2.64	11,600	11,484	0.99	2.82

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,900	7,031	0.79	2.79	8,500	6,715	0.79	2.99	8,100	6,399	0.79	3.24
20	18	9,600	6,432	0.67	2.86	9,300	6,231	0.67	3.08	8,700	5,829	0.67	3.31
20	20	10,400	5,720	0.55	2.93	10,000	5,500	0.55	3.14	9,400	5,170	0.55	3.37
22	16	8,900	7,743	0.87	2.79	8,500	7,395	0.87	2.99	8,100	7,047	0.87	3.24
22	18	9,600	7,200	0.75	2.86	9,300	6,975	0.75	3.08	8,700	6,525	0.75	3.31
22	20	10,400	6,552	0.63	2.93	10,000	6,300	0.63	3.14	9,400	5,922	0.63	3.37
24	16	8,900	8,455	0.95	2.79	8,500	8,075	0.95	2.99	8,100	7,695	0.95	3.24
24	18	9,600	7,968	0.83	2.86	9,300	7,719	0.83	3.08	8,700	7,221	0.83	3.31
24	20	10,400	7,384	0.71	2.93	10,000	7,100	0.71	3.14	9,400	6,674	0.71	3.37
24	22	11,200	6,608	0.59	2.99	10,800	6,372	0.59	3.22	10,200	6,018	0.59	3.43
26	16	8,900	8,900	1.00	2.79	8,500	8,500	1.00	2.99	8,100	8,100	1.00	3.24
26	18	9,600	8,736	0.91	2.86	9,300	8,463	0.91	3.08	8,700	7,917	0.91	3.31
26	20	10,400	8,216	0.79	2.93	10,000	7,900	0.79	3.14	9,400	7,426	0.79	3.37
26	22	11,200	7,504	0.67	2.99	10,800	7,236	0.67	3.22	10,200	6,834	0.67	3.43
27	16	8,900	8,900	1.00	2.79	8,500	8,500	1.00	2.99	8,100	8,100	1.00	3.24
27	18	9,600	9,120	0.95	2.86	9,300	8,835	0.95	3.08	8,700	8,265	0.95	3.31
27	20	10,400	8,632	0.83	2.93	10,000	8,300	0.83	3.14	9,400	7,802	0.83	3.37
27	22	11,200	7,952	0.71	2.99	10,800	7,668	0.71	3.22	10,200	7,242	0.71	3.43
28	16	8,900	8,900	1.00	2.79	8,500	8,500	1.00	2.99	8,100	8,100	1.00	3.24
28	18	9,600	9,504	0.99	2.86	9,300	9,207	0.99	3.08	8,700	8,613	0.99	3.31
28	20	10,400	9,048	0.87	2.93	10,000	8,700	0.87	3.14	9,400	8,178	0.87	3.37
28	22	11,200	8,400	0.75	2.99	10,800	8,100	0.75	3.22	10,200	7,650	0.75	3.43
30	16	8,900	8,900	1.00	2.79	8,500	8,500	1.00	2.99	8,100	8,100	1.00	3.24
30	18	9,600	9,600	1.00	2.86	9,300	9,300	1.00	3.08	8,700	8,700	1.00	3.31
30	20	10,400	9,880	0.95	2.93	10,000	9,500	0.95	3.14	9,400	8,930	0.95	3.37
30	22	11,200	9,296	0.83	2.99	10,800	8,964	0.83	3.22	10,200	8,466	0.83	3.43
32	16	8,900	8,900	1.00	2.79	8,500	8,500	1.00	2.99	8,100	8,100	1.00	3.24
32	18	9,600	9,600	1.00	2.86	9,300	9,300	1.00	3.08	8,700	8,700	1.00	3.31
32	20	10,400	10,400	1.00	2.93	10,000	10,000	1.00	3.14	9,400	9,400	1.00	3.37
32	22	11,200	10,192	0.91	2.99	10,800	9,828	0.91	3.22	10,200	9,282	0.91	3.43
34	16	8,900	8,900	1.00	2.79	8,500	8,500	1.00	2.99	8,100	8,100	1.00	3.24
34	18	9,600	9,600	1.00	2.86	9,300	9,300	1.00	3.08	8,700	8,700	1.00	3.31
34	20	10,400	10,400	1.00	2.93	10,000	10,000	1.00	3.14	9,400	9,400	1.00	3.37
34	22	11,200	11,088	0.99	2.99	10,800	10,692	0.99	3.22	10,200	10,098	0.99	3.43

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP125JALQ / PUHZ-SHW140YHA(-BS)

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	9,158	0.74	3.10	12,000	8,880	0.74	3.27	11,625	8,603	0.74	3.47
20	18	13,250	8,215	0.62	3.16	12,875	7,983	0.62	3.33	12,438	7,711	0.62	3.57
20	20	14,250	7,125	0.50	3.26	13,938	6,969	0.50	3.41	13,563	6,781	0.50	3.64
22	16	12,375	10,148	0.82	3.10	12,000	9,840	0.82	3.27	11,625	9,533	0.82	3.47
22	18	13,250	9,275	0.70	3.16	12,875	9,013	0.70	3.33	12,438	8,706	0.70	3.57
22	20	14,250	8,265	0.58	3.26	13,938	8,084	0.58	3.41	13,563	7,866	0.58	3.64
24	16	12,375	11,138	0.90	3.10	12,000	10,800	0.90	3.27	11,625	10,463	0.90	3.47
24	18	13,250	10,335	0.78	3.16	12,875	10,043	0.78	3.33	12,438	9,701	0.78	3.57
24	20	14,250	9,405	0.66	3.26	13,938	9,199	0.66	3.41	13,563	8,951	0.66	3.64
24	22	15,188	8,201	0.54	3.33	14,875	8,033	0.54	3.53	14,500	7,830	0.54	3.76
26	16	12,375	12,128	0.98	3.10	12,000	11,760	0.98	3.27	11,625	11,393	0.98	3.47
26	18	13,250	11,395	0.86	3.16	12,875	11,073	0.86	3.33	12,438	10,696	0.86	3.57
26	20	14,250	10,545	0.74	3.26	13,938	10,314	0.74	3.41	13,563	10,036	0.74	3.64
26	22	15,188	9,416	0.62	3.33	14,875	9,223	0.62	3.53	14,500	8,990	0.62	3.76
27	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.47
27	18	13,250	11,925	0.90	3.16	12,875	11,588	0.90	3.33	12,438	11,194	0.90	3.57
27	20	14,250	11,115	0.78	3.26	13,938	10,871	0.78	3.41	13,563	10,579	0.78	3.64
27	22	15,188	10,024	0.66	3.33	14,875	9,818	0.66	3.53	14,500	9,570	0.66	3.76
28	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.47
28	18	13,250	12,455	0.94	3.16	12,875	12,103	0.94	3.33	12,438	11,691	0.94	3.57
28	20	14,250	11,685	0.82	3.26	13,938	11,429	0.82	3.41	13,563	11,121	0.82	3.64
28	22	15,188	10,631	0.70	3.33	14,875	10,413	0.70	3.53	14,500	10,150	0.70	3.76
30	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.47
30	18	13,250	13,250	1.00	3.16	12,875	12,875	1.00	3.33	12,438	12,438	1.00	3.57
30	20	14,250	12,825	0.90	3.26	13,938	12,544	0.90	3.41	13,563	12,206	0.90	3.64
30	22	15,188	11,846	0.78	3.33	14,875	11,603	0.78	3.53	14,500	11,310	0.78	3.76
32	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.47
32	18	13,250	13,250	1.00	3.16	12,875	12,875	1.00	3.33	12,438	12,438	1.00	3.57
32	20	14,250	13,965	0.98	3.26	13,938	13,659	0.98	3.41	13,563	13,291	0.98	3.64
32	22	15,188	13,061	0.86	3.33	14,875	12,793	0.86	3.53	14,500	12,470	0.86	3.76
34	16	12,375	12,375	1.00	3.10	12,000	12,000	1.00	3.27	11,625	11,625	1.00	3.47
34	18	13,250	13,250	1.00	3.16	12,875	12,875	1.00	3.33	12,438	12,438	1.00	3.57
34	20	14,250	14,250	1.00	3.26	13,938	13,938	1.00	3.41	13,563	13,563	1.00	3.64
34	22	15,188	14,276	0.94	3.33	14,875	13,983	0.94	3.53	14,500	13,630	0.94	3.76

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	8,233	0.74	3.72	10,625	7,863	0.74	3.99	10,125	7,493	0.74	4.32
20	18	12,000	7,440	0.62	3.82	11,625	7,208	0.62	4.11	10,875	6,743	0.62	4.42
20	20	13,000	6,500	0.50	3.91	12,500	6,250	0.50	4.19	11,750	5,875	0.50	4.50
22	16	11,125	9,123	0.82	3.72	10,625	8,713	0.82	3.99	10,125	8,303	0.82	4.32
22	18	12,000	8,400	0.70	3.82	11,625	8,138	0.70	4.11	10,875	7,613	0.70	4.42
22	20	13,000	7,540	0.58	3.91	12,500	7,250	0.58	4.19	11,750	6,815	0.58	4.50
24	16	11,125	10,013	0.90	3.72	10,625	9,563	0.90	3.99	10,125	9,113	0.90	4.32
24	18	12,000	9,360	0.78	3.82	11,625	9,068	0.78	4.11	10,875	8,483	0.78	4.42
24	20	13,000	8,580	0.66	3.91	12,500	8,250	0.66	4.19	11,750	7,755	0.66	4.50
24	22	14,000	7,560	0.54	3.99	13,500	7,290	0.54	4.30	12,750	6,885	0.54	4.57
26	16	11,125	10,903	0.98	3.72	10,625	10,413	0.98	3.99	10,125	9,923	0.98	4.32
26	18	12,000	10,320	0.86	3.82	11,625	9,998	0.86	4.11	10,875	9,353	0.86	4.42
26	20	13,000	9,620	0.74	3.91	12,500	9,250	0.74	4.19	11,750	8,695	0.74	4.50
26	22	14,000	8,680	0.62	3.99	13,500	8,370	0.62	4.30	12,750	7,905	0.62	4.57
27	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
27	18	12,000	10,800	0.90	3.82	11,625	10,463	0.90	4.11	10,875	9,788	0.90	4.42
27	20	13,000	10,140	0.78	3.91	12,500	9,750	0.78	4.19	11,750	9,165	0.78	4.50
27	22	14,000	9,240	0.66	3.99	13,500	8,910	0.66	4.30	12,750	8,415	0.66	4.57
28	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
28	18	12,000	11,280	0.94	3.82	11,625	10,928	0.94	4.11	10,875	10,223	0.94	4.42
28	20	13,000	10,660	0.82	3.91	12,500	10,250	0.82	4.19	11,750	9,635	0.82	4.50
28	22	14,000	9,800	0.70	3.99	13,500	9,450	0.70	4.30	12,750	8,925	0.70	4.57
30	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
30	18	12,000	12,000	1.00	3.82	11,625	11,625	1.00	4.11	10,875	10,875	1.00	4.42
30	20	13,000	11,700	0.90	3.91	12,500	11,250	0.90	4.19	11,750	10,575	0.90	4.50
30	22	14,000	10,920	0.78	3.99	13,500	10,530	0.78	4.30	12,750	9,945	0.78	4.57
32	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
32	18	12,000	12,000	1.00	3.82	11,625	11,625	1.00	4.11	10,875	10,875	1.00	4.42
32	20	13,000	12,740	0.98	3.91	12,500	12,250	0.98	4.19	11,750	11,515	0.98	4.50
32	22	14,000	12,040	0.86	3.99	13,500	11,610	0.86	4.30	12,750	10,965	0.86	4.57
34	16	11,125	11,125	1.00	3.72	10,625	10,625	1.00	3.99	10,125	10,125	1.00	4.32
34	18	12,000	12,000	1.00	3.82	11,625	11,625	1.00	4.11	10,875	10,875	1.00	4.42
34	20	13,000	13,000	1.00	3.91	12,500	12,500	1.00	4.19	11,750	11,750	1.00	4.50
34	22	14,000	13,160	0.94	3.99	13,500	12,690	0.94	4.30	12,750	11,985	0.94	4.57

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP35JAQ / PUHZ-ZRP35VKA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,564	2,673	0.75	0.71	3,456	2,592	0.75	0.75	3,348	2,511	0.75	0.80
20	18	3,816	2,404	0.63	0.73	3,708	2,336	0.63	0.77	3,582	2,257	0.63	0.82
20	20	4,104	2,093	0.51	0.75	4,014	2,047	0.51	0.78	3,906	1,992	0.51	0.84
22	16	3,564	2,958	0.83	0.71	3,456	2,868	0.83	0.75	3,348	2,779	0.83	0.80
22	18	3,816	2,709	0.71	0.73	3,708	2,633	0.71	0.77	3,582	2,543	0.71	0.82
22	20	4,104	2,421	0.59	0.75	4,014	2,368	0.59	0.78	3,906	2,305	0.59	0.84
24	16	3,564	3,243	0.91	0.71	3,456	3,145	0.91	0.75	3,348	3,047	0.91	0.80
24	18	3,816	3,015	0.79	0.73	3,708	2,929	0.79	0.77	3,582	2,830	0.79	0.82
24	20	4,104	2,750	0.67	0.75	4,014	2,689	0.67	0.78	3,906	2,617	0.67	0.84
24	22	4,374	2,406	0.55	0.77	4,284	2,356	0.55	0.81	4,176	2,297	0.55	0.86
26	16	3,564	3,528	0.99	0.71	3,456	3,421	0.99	0.75	3,348	3,315	0.99	0.80
26	18	3,816	3,320	0.87	0.73	3,708	3,226	0.87	0.77	3,582	3,116	0.87	0.82
26	20	4,104	3,078	0.75	0.75	4,014	3,011	0.75	0.78	3,906	2,930	0.75	0.84
26	22	4,374	2,756	0.63	0.77	4,284	2,699	0.63	0.81	4,176	2,631	0.63	0.86
27	16	3,564	3,564	1.00	0.71	3,456	3,456	1.00	0.75	3,348	3,348	1.00	0.80
27	18	3,816	3,473	0.91	0.73	3,708	3,374	0.91	0.77	3,582	3,260	0.91	0.82
27	20	4,104	3,242	0.79	0.75	4,014	3,171	0.79	0.78	3,906	3,086	0.79	0.84
27	22	4,374	2,931	0.67	0.77	4,284	2,870	0.67	0.81	4,176	2,798	0.67	0.86
28	16	3,564	3,564	1.00	0.71	3,456	3,456	1.00	0.75	3,348	3,348	1.00	0.80
28	18	3,816	3,625	0.95	0.73	3,708	3,523	0.95	0.77	3,582	3,403	0.95	0.82
28	20	4,104	3,406	0.83	0.75	4,014	3,332	0.83	0.78	3,906	3,242	0.83	0.84
28	22	4,374	3,106	0.71	0.77	4,284	3,042	0.71	0.81	4,176	2,965	0.71	0.86
30	16	3,564	3,564	1.00	0.71	3,456	3,456	1.00	0.75	3,348	3,348	1.00	0.80
30	18	3,816	3,816	1.00	0.73	3,708	3,708	1.00	0.77	3,582	3,582	1.00	0.82
30	20	4,104	3,735	0.91	0.75	4,014	3,653	0.91	0.78	3,906	3,554	0.91	0.84
30	22	4,374	3,455	0.79	0.77	4,284	3,384	0.79	0.81	4,176	3,299	0.79	0.86
32	16	3,564	3,564	1.00	0.71	3,456	3,456	1.00	0.75	3,348	3,348	1.00	0.80
32	18	3,816	3,816	1.00	0.73	3,708	3,708	1.00	0.77	3,582	3,582	1.00	0.82
32	20	4,104	4,063	0.99	0.75	4,014	3,974	0.99	0.78	3,906	3,867	0.99	0.84
32	22	4,374	3,805	0.87	0.77	4,284	3,727	0.87	0.81	4,176	3,633	0.87	0.86
34	16	3,564	3,564	1.00	0.71	3,456	3,456	1.00	0.75	3,348	3,348	1.00	0.80
34	18	3,816	3,816	1.00	0.73	3,708	3,708	1.00	0.77	3,582	3,582	1.00	0.82
34	20	4,104	4,104	1.00	0.75	4,014	4,014	1.00	0.78	3,906	3,906	1.00	0.84
34	22	4,374	4,155	0.95	0.77	4,284	4,070	0.95	0.81	4,176	3,967	0.95	0.86

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	3,204	2,403	0.75	0.85	3,060	2,295	0.75	0.92	2,916	2,187	0.75	0.99
20	18	3,456	2,177	0.63	0.88	3,348	2,109	0.63	0.94	3,132	1,973	0.63	1.01
20	20	3,744	1,909	0.51	0.90	3,600	1,836	0.51	0.96	3,384	1,726	0.51	1.03
22	16	3,204	2,659	0.83	0.85	3,060	2,540	0.83	0.92	2,916	2,420	0.83	0.99
22	18	3,456	2,454	0.71	0.88	3,348	2,377	0.71	0.94	3,132	2,224	0.71	1.01
22	20	3,744	2,209	0.59	0.90	3,600	2,124	0.59	0.96	3,384	1,997	0.59	1.03
24	16	3,204	2,916	0.91	0.85	3,060	2,785	0.91	0.92	2,916	2,654	0.91	0.99
24	18	3,456	2,730	0.79	0.88	3,348	2,645	0.79	0.94	3,132	2,474	0.79	1.01
24	20	3,744	2,508	0.67	0.90	3,600	2,412	0.67	0.96	3,384	2,267	0.67	1.03
24	22	4,032	2,218	0.55	0.92	3,888	2,138	0.55	0.99	3,672	2,020	0.55	1.05
26	16	3,204	3,172	0.99	0.85	3,060	3,029	0.99	0.92	2,916	2,887	0.99	0.99
26	18	3,456	3,007	0.87	0.88	3,348	2,913	0.87	0.94	3,132	2,725	0.87	1.01
26	20	3,744	2,808	0.75	0.90	3,600	2,700	0.75	0.96	3,384	2,538	0.75	1.03
26	22	4,032	2,540	0.63	0.92	3,888	2,449	0.63	0.99	3,672	2,313	0.63	1.05
27	16	3,204	3,204	1.00	0.85	3,060	3,060	1.00	0.92	2,916	2,916	1.00	0.99
27	18	3,456	3,145	0.91	0.88	3,348	3,047	0.91	0.94	3,132	2,850	0.91	1.01
27	20	3,744	2,958	0.79	0.90	3,600	2,844	0.79	0.96	3,384	2,673	0.79	1.03
27	22	4,032	2,701	0.67	0.92	3,888	2,605	0.67	0.99	3,672	2,460	0.67	1.05
28	16	3,204	3,204	1.00	0.85	3,060	3,060	1.00	0.92	2,916	2,916	1.00	0.99
28	18	3,456	3,283	0.95	0.88	3,348	3,181	0.95	0.94	3,132	2,975	0.95	1.01
28	20	3,744	3,108	0.83	0.90	3,600	2,988	0.83	0.96	3,384	2,809	0.83	1.03
28	22	4,032	2,863	0.71	0.92	3,888	2,760	0.71	0.99	3,672	2,607	0.71	1.05
30	16	3,204	3,204	1.00	0.85	3,060	3,060	1.00	0.92	2,916	2,916	1.00	0.99
30	18	3,456	3,456	1.00	0.88	3,348	3,348	1.00	0.94	3,132	3,132	1.00	1.01
30	20	3,744	3,407	0.91	0.90	3,600	3,276	0.91	0.96	3,384	3,079	0.91	1.03
30	22	4,032	3,185	0.79	0.92	3,888	3,072	0.79	0.99	3,672	2,901	0.79	1.05
32	16	3,204	3,204	1.00	0.85	3,060	3,060	1.00	0.92	2,916	2,916	1.00	0.99
32	18	3,456	3,456	1.00	0.88	3,348	3,348	1.00	0.94	3,132	3,132	1.00	1.01
32	20	3,744	3,707	0.99	0.90	3,600	3,564	0.99	0.96	3,384	3,350	0.99	1.03
32	22	4,032	3,508	0.87	0.92	3,888	3,383	0.87	0.99	3,672	3,195	0.87	1.05
34	16	3,204	3,204	1.00	0.85	3,060	3,060	1.00	0.92	2,916	2,916	1.00	0.99
34	18	3,456	3,456	1.00	0.88	3,348	3,348	1.00	0.94	3,132	3,132	1.00	1.01
34	20	3,744	3,744	1.00	0.90	3,600	3,600	1.00	0.96	3,384	3,384	1.00	1.03
34	22	4,032	3,830	0.95	0.92	3,888	3,694	0.95	0.99	3,672	3,488	0.95	1.05

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP50JAQ / PUHZ-ZRP50VKA

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	4,950	3,663	0.74	1.15	4,800	3,552	0.74	1.22	4,650	3,441	0.74	1.29
20	18	5,300	3,286	0.62	1.17	5,150	3,193	0.62	1.24	4,975	3,085	0.62	1.32
20	20	5,700	2,850	0.50	1.21	5,575	2,788	0.50	1.27	5,425	2,713	0.50	1.35
22	16	4,950	4,059	0.82	1.15	4,800	3,936	0.82	1.22	4,650	3,813	0.82	1.29
22	18	5,300	3,710	0.70	1.17	5,150	3,605	0.70	1.24	4,975	3,483	0.70	1.32
22	20	5,700	3,306	0.58	1.21	5,575	3,234	0.58	1.27	5,425	3,147	0.58	1.35
24	16	4,950	4,455	0.90	1.15	4,800	4,320	0.90	1.22	4,650	4,185	0.90	1.29
24	18	5,300	4,134	0.78	1.17	5,150	4,017	0.78	1.24	4,975	3,881	0.78	1.32
24	20	5,700	3,762	0.66	1.21	5,575	3,680	0.66	1.27	5,425	3,581	0.66	1.35
24	22	6,075	3,281	0.54	1.24	5,950	3,213	0.54	1.31	5,800	3,132	0.54	1.40
26	16	4,950	4,851	0.98	1.15	4,800	4,704	0.98	1.22	4,650	4,557	0.98	1.29
26	18	5,300	4,558	0.86	1.17	5,150	4,429	0.86	1.24	4,975	4,279	0.86	1.32
26	20	5,700	4,218	0.74	1.21	5,575	4,126	0.74	1.27	5,425	4,015	0.74	1.35
26	22	6,075	3,767	0.62	1.24	5,950	3,689	0.62	1.31	5,800	3,596	0.62	1.40
27	16	4,950	4,950	1.00	1.15	4,800	4,800	1.00	1.22	4,650	4,650	1.00	1.29
27	18	5,300	4,770	0.90	1.17	5,150	4,635	0.90	1.24	4,975	4,478	0.90	1.32
27	20	5,700	4,446	0.78	1.21	5,575	4,349	0.78	1.27	5,425	4,232	0.78	1.35
27	22	6,075	4,010	0.66	1.24	5,950	3,927	0.66	1.31	5,800	3,828	0.66	1.40
28	16	4,950	4,950	1.00	1.15	4,800	4,800	1.00	1.22	4,650	4,650	1.00	1.29
28	18	5,300	4,982	0.94	1.17	5,150	4,841	0.94	1.24	4,975	4,677	0.94	1.32
28	20	5,700	4,674	0.82	1.21	5,575	4,572	0.82	1.27	5,425	4,449	0.82	1.35
28	22	6,075	4,253	0.70	1.24	5,950	4,165	0.70	1.31	5,800	4,060	0.70	1.40
30	16	4,950	4,950	1.00	1.15	4,800	4,800	1.00	1.22	4,650	4,650	1.00	1.29
30	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.24	4,975	4,975	1.00	1.32
30	20	5,700	5,130	0.90	1.21	5,575	5,018	0.90	1.27	5,425	4,883	0.90	1.35
30	22	6,075	4,739	0.78	1.24	5,950	4,641	0.78	1.31	5,800	4,524	0.78	1.40
32	16	4,950	4,950	1.00	1.15	4,800	4,800	1.00	1.22	4,650	4,650	1.00	1.29
32	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.24	4,975	4,975	1.00	1.32
32	20	5,700	5,586	0.98	1.21	5,575	5,464	0.98	1.27	5,425	5,317	0.98	1.35
32	22	6,075	5,225	0.86	1.24	5,950	5,117	0.86	1.31	5,800	4,988	0.86	1.40
34	16	4,950	4,950	1.00	1.15	4,800	4,800	1.00	1.22	4,650	4,650	1.00	1.29
34	18	5,300	5,300	1.00	1.17	5,150	5,150	1.00	1.24	4,975	4,975	1.00	1.32
34	20	5,700	5,700	1.00	1.21	5,575	5,575	1.00	1.27	5,425	5,425	1.00	1.35
34	22	6,075	5,711	0.94	1.24	5,950	5,593	0.94	1.31	5,800	5,452	0.94	1.40

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	4,450	3,293	0.74	1.38	4,250	3,145	0.74	1.48	4,050	2,997	0.74	1.61
20	18	4,800	2,976	0.62	1.42	4,650	2,883	0.62	1.53	4,350	2,697	0.62	1.64
20	20	5,200	2,600	0.50	1.45	5,000	2,500	0.50	1.56	4,700	2,350	0.50	1.67
22	16	4,450	3,649	0.82	1.38	4,250	3,485	0.82	1.48	4,050	3,321	0.82	1.61
22	18	4,800	3,360	0.70	1.42	4,650	3,255	0.70	1.53	4,350	3,045	0.70	1.64
22	20	5,200	3,016	0.58	1.45	5,000	2,900	0.58	1.56	4,700	2,726	0.58	1.67
24	16	4,450	4,005	0.90	1.38	4,250	3,825	0.90	1.48	4,050	3,645	0.90	1.61
24	18	4,800	3,744	0.78	1.42	4,650	3,627	0.78	1.53	4,350	3,393	0.78	1.64
24	20	5,200	3,432	0.66	1.45	5,000	3,300	0.66	1.56	4,700	3,102	0.66	1.67
24	22	5,600	3,024	0.54	1.48	5,400	2,916	0.54	1.60	5,100	2,754	0.54	1.70
26	16	4,450	4,361	0.98	1.38	4,250	4,165	0.98	1.48	4,050	3,969	0.98	1.61
26	18	4,800	4,128	0.86	1.42	4,650	3,999	0.86	1.53	4,350	3,741	0.86	1.64
26	20	5,200	3,848	0.74	1.45	5,000	3,700	0.74	1.56	4,700	3,478	0.74	1.67
26	22	5,600	3,472	0.62	1.48	5,400	3,348	0.62	1.60	5,100	3,162	0.62	1.70
27	16	4,450	4,450	1.00	1.38	4,250	4,250	1.00	1.48	4,050	4,050	1.00	1.61
27	18	4,800	4,320	0.90	1.42	4,650	4,185	0.90	1.53	4,350	3,915	0.90	1.64
27	20	5,200	4,056	0.78	1.45	5,000	3,900	0.78	1.56	4,700	3,666	0.78	1.67
27	22	5,600	3,696	0.66	1.48	5,400	3,564	0.66	1.60	5,100	3,366	0.66	1.70
28	16	4,450	4,450	1.00	1.38	4,250	4,250	1.00	1.48	4,050	4,050	1.00	1.61
28	18	4,800	4,512	0.94	1.42	4,650	4,371	0.94	1.53	4,350	4,089	0.94	1.64
28	20	5,200	4,264	0.82	1.45	5,000	4,100	0.82	1.56	4,700	3,854	0.82	1.67
28	22	5,600	3,920	0.70	1.48	5,400	3,780	0.70	1.60	5,100	3,570	0.70	1.70
30	16	4,450	4,450	1.00	1.38	4,250	4,250	1.00	1.48	4,050	4,050	1.00	1.61
30	18	4,800	4,800	1.00	1.42	4,650	4,650	1.00	1.53	4,350	4,350	1.00	1.64
30	20	5,200	4,680	0.90	1.45	5,000	4,500	0.90	1.56	4,700	4,230	0.90	1.67
30	22	5,600	4,368	0.78	1.48	5,400	4,212	0.78	1.60	5,100	3,978	0.78	1.70
32	16	4,450	4,450	1.00	1.38	4,250	4,250	1.00	1.48	4,050	4,050	1.00	1.61
32	18	4,800	4,800	1.00	1.42	4,650	4,650	1.00	1.53	4,350	4,350	1.00	1.64
32	20	5,200	5,096	0.98	1.45	5,000	4,900	0.98	1.56	4,700	4,606	0.98	1.67
32	22	5,600	4,816	0.86	1.48	5,400	4,644	0.86	1.60	5,100	4,386	0.86	1.70
34	16	4,450	4,450	1.00	1.38	4,250	4,250	1.00	1.48	4,050	4,050	1.00	1.61
34	18	4,800	4,800	1.00	1.42	4,650	4,650	1.00	1.53	4,350	4,350	1.00	1.64
34	20	5,200	5,200	1.00	1.45	5,000	5,000	1.00	1.56	4,700	4,700	1.00	1.67
34	22	5,600	5,264	0.94	1.48	5,400	5,076	0.94	1.60	5,100	4,794	0.94	1.70

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP60JAQ / PUHZ-ZRP60VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,408	0.73	1.32	5,856	4,275	0.73	1.39	5,673	4,141	0.73	1.48
20	18	6,466	3,944	0.61	1.34	6,283	3,833	0.61	1.42	6,070	3,702	0.61	1.52
20	20	6,954	3,407	0.49	1.39	6,802	3,333	0.49	1.45	6,619	3,243	0.49	1.55
22	16	6,039	4,892	0.81	1.32	5,856	4,743	0.81	1.39	5,673	4,595	0.81	1.48
22	18	6,466	4,462	0.69	1.34	6,283	4,335	0.69	1.42	6,070	4,188	0.69	1.52
22	20	6,954	3,964	0.57	1.39	6,802	3,877	0.57	1.45	6,619	3,773	0.57	1.55
24	16	6,039	5,375	0.89	1.32	5,856	5,212	0.89	1.39	5,673	5,049	0.89	1.48
24	18	6,466	4,979	0.77	1.34	6,283	4,838	0.77	1.42	6,070	4,674	0.77	1.52
24	20	6,954	4,520	0.65	1.39	6,802	4,421	0.65	1.45	6,619	4,302	0.65	1.55
24	22	7,412	3,928	0.53	1.42	7,259	3,847	0.53	1.50	7,076	3,750	0.53	1.60
26	16	6,039	5,858	0.97	1.32	5,856	5,680	0.97	1.39	5,673	5,503	0.97	1.48
26	18	6,466	5,496	0.85	1.34	6,283	5,341	0.85	1.42	6,070	5,159	0.85	1.52
26	20	6,954	5,076	0.73	1.39	6,802	4,965	0.73	1.45	6,619	4,832	0.73	1.55
26	22	7,412	4,521	0.61	1.42	7,259	4,428	0.61	1.50	7,076	4,316	0.61	1.60
27	16	6,039	6,039	1.00	1.32	5,856	5,856	1.00	1.39	5,673	5,673	1.00	1.48
27	18	6,466	5,755	0.89	1.34	6,283	5,592	0.89	1.42	6,070	5,402	0.89	1.52
27	20	6,954	5,355	0.77	1.39	6,802	5,237	0.77	1.45	6,619	5,096	0.77	1.55
27	22	7,412	4,817	0.65	1.42	7,259	4,718	0.65	1.50	7,076	4,599	0.65	1.60
28	16	6,039	6,039	1.00	1.32	5,856	5,856	1.00	1.39	5,673	5,673	1.00	1.48
28	18	6,466	6,013	0.93	1.34	6,283	5,843	0.93	1.42	6,070	5,645	0.93	1.52
28	20	6,954	5,633	0.81	1.39	6,802	5,509	0.81	1.45	6,619	5,361	0.81	1.55
28	22	7,412	5,114	0.69	1.42	7,259	5,009	0.69	1.50	7,076	4,882	0.69	1.60
30	16	6,039	6,039	1.00	1.32	5,856	5,856	1.00	1.39	5,673	5,673	1.00	1.48
30	18	6,466	6,466	1.00	1.34	6,283	6,283	1.00	1.42	6,070	6,070	1.00	1.52
30	20	6,954	6,189	0.89	1.39	6,802	6,053	0.89	1.45	6,619	5,890	0.89	1.55
30	22	7,412	5,707	0.77	1.42	7,259	5,589	0.77	1.50	7,076	5,449	0.77	1.60
32	16	6,039	6,039	1.00	1.32	5,856	5,856	1.00	1.39	5,673	5,673	1.00	1.48
32	18	6,466	6,466	1.00	1.34	6,283	6,283	1.00	1.42	6,070	6,070	1.00	1.52
32	20	6,954	6,745	0.97	1.39	6,802	6,597	0.97	1.45	6,619	6,420	0.97	1.55
32	22	7,412	6,300	0.85	1.42	7,259	6,170	0.85	1.50	7,076	6,015	0.85	1.60
34	16	6,039	6,039	1.00	1.32	5,856	5,856	1.00	1.39	5,673	5,673	1.00	1.48
34	18	6,466	6,466	1.00	1.34	6,283	6,283	1.00	1.42	6,070	6,070	1.00	1.52
34	20	6,954	6,954	1.00	1.39	6,802	6,802	1.00	1.45	6,619	6,619	1.00	1.55
34	22	7,412	6,893	0.93	1.42	7,259	6,751	0.93	1.50	7,076	6,581	0.93	1.60

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,963	0.73	1.58	5,185	3,785	0.73	1.70	4,941	3,607	0.73	1.84
20	18	5,856	3,572	0.61	1.63	5,673	3,461	0.61	1.75	5,307	3,237	0.61	1.88
20	20	6,344	3,109	0.49	1.67	6,100	2,989	0.49	1.78	5,734	2,810	0.49	1.91
22	16	5,429	4,397	0.81	1.58	5,185	4,200	0.81	1.70	4,941	4,002	0.81	1.84
22	18	5,856	4,041	0.69	1.63	5,673	3,914	0.69	1.75	5,307	3,662	0.69	1.88
22	20	6,344	3,616	0.57	1.67	6,100	3,477	0.57	1.78	5,734	3,268	0.57	1.91
24	16	5,429	4,832	0.89	1.58	5,185	4,615	0.89	1.70	4,941	4,397	0.89	1.84
24	18	5,856	4,509	0.77	1.63	5,673	4,368	0.77	1.75	5,307	4,086	0.77	1.88
24	20	6,344	4,124	0.65	1.67	6,100	3,965	0.65	1.78	5,734	3,727	0.65	1.91
24	22	6,832	3,621	0.53	1.70	6,588	3,492	0.53	1.83	6,222	3,298	0.53	1.95
26	16	5,429	5,266	0.97	1.58	5,185	5,029	0.97	1.70	4,941	4,793	0.97	1.84
26	18	5,856	4,978	0.85	1.63	5,673	4,822	0.85	1.75	5,307	4,511	0.85	1.88
26	20	6,344	4,631	0.73	1.67	6,100	4,453	0.73	1.78	5,734	4,186	0.73	1.91
26	22	6,832	4,168	0.61	1.70	6,588	4,019	0.61	1.83	6,222	3,795	0.61	1.95
27	16	5,429	5,429	1.00	1.58	5,185	5,185	1.00	1.70	4,941	4,941	1.00	1.84
27	18	5,856	5,212	0.89	1.63	5,673	5,049	0.89	1.75	5,307	4,723	0.89	1.88
27	20	6,344	4,885	0.77	1.67	6,100	4,697	0.77	1.78	5,734	4,415	0.77	1.91
27	22	6,832	4,441	0.65	1.70	6,588	4,282	0.65	1.83	6,222	4,044	0.65	1.95
28	16	5,429	5,429	1.00	1.58	5,185	5,185	1.00	1.70	4,941	4,941	1.00	1.84
28	18	5,856	5,446	0.93	1.63	5,673	5,276	0.93	1.75	5,307	4,936	0.93	1.88
28	20	6,344	5,139	0.81	1.67	6,100	4,941	0.81	1.78	5,734	4,645	0.81	1.91
28	22	6,832	4,714	0.69	1.70	6,588	4,546	0.69	1.83	6,222	4,293	0.69	1.95
30	16	5,429	5,429	1.00	1.58	5,185	5,185	1.00	1.70	4,941	4,941	1.00	1.84
30	18	5,856	5,856	1.00	1.63	5,673	5,673	1.00	1.75	5,307	5,307	1.00	1.88
30	20	6,344	5,646	0.89	1.67	6,100	5,429	0.89	1.78	5,734	5,103	0.89	1.91
30	22	6,832	5,261	0.77	1.70	6,588	5,073	0.77	1.83	6,222	4,791	0.77	1.95
32	16	5,429	5,429	1.00	1.58	5,185	5,185	1.00	1.70	4,941	4,941	1.00	1.84
32	18	5,856	5,856	1.00	1.63	5,673	5,673	1.00	1.75	5,307	5,307	1.00	1.88
32	20	6,344	6,154	0.97	1.67	6,100	5,917	0.97	1.78	5,734	5,562	0.97	1.91
32	22	6,832	5,807	0.85	1.70	6,588	5,600	0.85	1.83	6,222	5,289	0.85	1.95
34	16	5,429	5,429	1.00	1.58	5,185	5,185	1.00	1.70	4,941	4,941	1.00	1.84
34	18	5,856	5,856	1.00	1.63	5,673	5,673	1.00	1.75	5,307	5,307	1.00	1.88
34	20	6,344	6,344	1.00	1.67	6,100	6,100	1.00	1.78	5,734	5,734	1.00	1.91
34	22	6,832	6,354	0.93	1.70	6,588	6,127	0.93	1.83	6,222	5,786	0.93	1.95

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP71JAQ / PUHZ-ZRP71VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,131	0.73	1.61	6,816	4,976	0.73	1.70	6,603	4,820	0.73	1.80
20	18	7,526	4,591	0.61	1.64	7,313	4,461	0.61	1.73	7,065	4,309	0.61	1.85
20	20	8,094	3,966	0.49	1.69	7,917	3,879	0.49	1.77	7,704	3,775	0.49	1.89
22	16	7,029	5,693	0.81	1.61	6,816	5,521	0.81	1.70	6,603	5,348	0.81	1.80
22	18	7,526	5,193	0.69	1.64	7,313	5,046	0.69	1.73	7,065	4,875	0.69	1.85
22	20	8,094	4,614	0.57	1.69	7,917	4,512	0.57	1.77	7,704	4,391	0.57	1.89
24	16	7,029	6,256	0.89	1.61	6,816	6,066	0.89	1.70	6,603	5,877	0.89	1.80
24	18	7,526	5,795	0.77	1.64	7,313	5,631	0.77	1.73	7,065	5,440	0.77	1.85
24	20	8,094	5,261	0.65	1.69	7,917	5,146	0.65	1.77	7,704	5,007	0.65	1.89
24	22	8,627	4,572	0.53	1.73	8,449	4,478	0.53	1.83	8,236	4,365	0.53	1.95
26	16	7,029	6,818	0.97	1.61	6,816	6,612	0.97	1.70	6,603	6,405	0.97	1.80
26	18	7,526	6,397	0.85	1.64	7,313	6,216	0.85	1.73	7,065	6,005	0.85	1.85
26	20	8,094	5,909	0.73	1.69	7,917	5,779	0.73	1.77	7,704	5,624	0.73	1.89
26	22	8,627	5,262	0.61	1.73	8,449	5,154	0.61	1.83	8,236	5,024	0.61	1.95
27	16	7,029	7,029	1.00	1.61	6,816	6,816	1.00	1.70	6,603	6,603	1.00	1.80
27	18	7,526	6,698	0.89	1.64	7,313	6,509	0.89	1.73	7,065	6,287	0.89	1.85
27	20	8,094	6,232	0.77	1.69	7,917	6,096	0.77	1.77	7,704	5,932	0.77	1.89
27	22	8,627	5,607	0.65	1.73	8,449	5,492	0.65	1.83	8,236	5,353	0.65	1.95
28	16	7,029	7,029	1.00	1.61	6,816	6,816	1.00	1.70	6,603	6,603	1.00	1.80
28	18	7,526	6,999	0.93	1.64	7,313	6,801	0.93	1.73	7,065	6,570	0.93	1.85
28	20	8,094	6,556	0.81	1.69	7,917	6,412	0.81	1.77	7,704	6,240	0.81	1.89
28	22	8,627	5,952	0.69	1.73	8,449	5,830	0.69	1.83	8,236	5,683	0.69	1.95
30	16	7,029	7,029	1.00	1.61	6,816	6,816	1.00	1.70	6,603	6,603	1.00	1.80
30	18	7,526	7,526	1.00	1.64	7,313	7,313	1.00	1.73	7,065	7,065	1.00	1.85
30	20	8,094	7,204	0.89	1.69	7,917	7,046	0.89	1.77	7,704	6,856	0.89	1.89
30	22	8,627	6,642	0.77	1.73	8,449	6,506	0.77	1.83	8,236	6,342	0.77	1.95
32	16	7,029	7,029	1.00	1.61	6,816	6,816	1.00	1.70	6,603	6,603	1.00	1.80
32	18	7,526	7,526	1.00	1.64	7,313	7,313	1.00	1.73	7,065	7,065	1.00	1.85
32	20	8,094	7,851	0.97	1.69	7,917	7,679	0.97	1.77	7,704	7,472	0.97	1.89
32	22	8,627	7,333	0.85	1.73	8,449	7,182	0.85	1.83	8,236	7,001	0.85	1.95
34	16	7,029	7,029	1.00	1.61	6,816	6,816	1.00	1.70	6,603	6,603	1.00	1.80
34	18	7,526	7,526	1.00	1.64	7,313	7,313	1.00	1.73	7,065	7,065	1.00	1.85
34	20	8,094	8,094	1.00	1.69	7,917	7,917	1.00	1.77	7,704	7,704	1.00	1.89
34	22	8,627	8,023	0.93	1.73	8,449	7,858	0.93	1.83	8,236	7,659	0.93	1.95

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,613	0.73	1.93	6,035	4,406	0.73	2.07	5,751	4,198	0.73	2.24
20	18	6,816	4,158	0.61	1.98	6,603	4,028	0.61	2.13	6,177	3,768	0.61	2.29
20	20	7,384	3,618	0.49	2.03	7,100	3,479	0.49	2.17	6,674	3,270	0.49	2.33
22	16	6,319	5,118	0.81	1.93	6,035	4,888	0.81	2.07	5,751	4,658	0.81	2.24
22	18	6,816	4,703	0.69	1.98	6,603	4,556	0.69	2.13	6,177	4,262	0.69	2.29
22	20	7,384	4,209	0.57	2.03	7,100	4,047	0.57	2.17	6,674	3,804	0.57	2.33
24	16	6,319	5,624	0.89	1.93	6,035	5,371	0.89	2.07	5,751	5,118	0.89	2.24
24	18	6,816	5,248	0.77	1.98	6,603	5,084	0.77	2.13	6,177	4,756	0.77	2.29
24	20	7,384	4,800	0.65	2.03	7,100	4,615	0.65	2.17	6,674	4,338	0.65	2.33
24	22	7,952	4,215	0.53	2.07	7,668	4,064	0.53	2.23	7,242	3,838	0.53	2.37
26	16	6,319	6,129	0.97	1.93	6,035	5,854	0.97	2.07	5,751	5,578	0.97	2.24
26	18	6,816	5,794	0.85	1.98	6,603	5,613	0.85	2.13	6,177	5,250	0.85	2.29
26	20	7,384	5,390	0.73	2.03	7,100	5,183	0.73	2.17	6,674	4,872	0.73	2.33
26	22	7,952	4,851	0.61	2.07	7,668	4,677	0.61	2.23	7,242	4,418	0.61	2.37
27	16	6,319	6,319	1.00	1.93	6,035	6,035	1.00	2.07	5,751	5,751	1.00	2.24
27	18	6,816	6,066	0.89	1.98	6,603	5,877	0.89	2.13	6,177	5,498	0.89	2.29
27	20	7,384	5,686	0.77	2.03	7,100	5,467	0.77	2.17	6,674	5,139	0.77	2.33
27	22	7,952	5,169	0.65	2.07	7,668	4,984	0.65	2.23	7,242	4,707	0.65	2.37
28	16	6,319	6,319	1.00	1.93	6,035	6,035	1.00	2.07	5,751	5,751	1.00	2.24
28	18	6,816	6,339	0.93	1.98	6,603	6,141	0.93	2.13	6,177	5,745	0.93	2.29
28	20	7,384	5,981	0.81	2.03	7,100	5,751	0.81	2.17	6,674	5,406	0.81	2.33
28	22	7,952	5,487	0.69	2.07	7,668	5,291	0.69	2.23	7,242	4,997	0.69	2.37
30	16	6,319	6,319	1.00	1.93	6,035	6,035	1.00	2.07	5,751	5,751	1.00	2.24
30	18	6,816	6,816	1.00	1.98	6,603	6,603	1.00	2.13	6,177	6,177	1.00	2.29
30	20	7,384	6,572	0.89	2.03	7,100	6,319	0.89	2.17	6,674	5,940	0.89	2.33
30	22	7,952	6,123	0.77	2.07	7,668	5,904	0.77	2.23	7,242	5,576	0.77	2.37
32	16	6,319	6,319	1.00	1.93	6,035	6,035	1.00	2.07	5,751	5,751	1.00	2.24
32	18	6,816	6,816	1.00	1.98	6,603	6,603	1.00	2.13	6,177	6,177	1.00	2.29
32	20	7,384	7,162	0.97	2.03	7,100	6,887	0.97	2.17	6,674	6,474	0.97	2.33
32	22	7,952	6,759	0.85	2.07	7,668	6,518	0.85	2.23	7,242	6,156	0.85	2.37
34	16	6,319	6,319	1.00	1.93	6,035	6,035	1.00	2.07	5,751	5,751	1.00	2.24
34	18	6,816	6,816	1.00	1.98	6,603	6,603	1.00	2.13	6,177	6,177	1.00	2.29
34	20	7,384	7,384	1.00	2.03	7,100	7,100	1.00	2.17	6,674	6,674	1.00	2.33
34	22	7,952	7,395	0.93	2.07	7,668	7,131	0.93	2.23	7,242	6,735	0.93	2.37

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP100JAQ / PUHZ-ZRP100VKA2, PUHZ-ZRP100YKA2

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	20 SHC (W)	20 SHF	20 P.C.	25 CA	25 SHC (W)	25 SHF	25 P.C.	30 CA	30 SHC (W)	30 SHF	30 P.C.
20	16	9,405	6,772	0.72	1.94	9,120	6,566	0.72	2.05	8,835	6,361	0.72	2.17
20	18	10,070	6,042	0.60	1.98	9,785	5,871	0.60	2.09	9,453	5,672	0.60	2.24
20	20	10,830	5,198	0.48	2.04	10,593	5,084	0.48	2.14	10,308	4,948	0.48	2.28
22	16	9,405	7,524	0.80	1.94	9,120	7,296	0.80	2.05	8,835	7,068	0.80	2.17
22	18	10,070	6,848	0.68	1.98	9,785	6,654	0.68	2.09	9,453	6,428	0.68	2.24
22	20	10,830	6,065	0.56	2.04	10,593	5,932	0.56	2.14	10,308	5,772	0.56	2.28
24	16	9,405	8,276	0.88	1.94	9,120	8,026	0.88	2.05	8,835	7,775	0.88	2.17
24	18	10,070	7,653	0.76	1.98	9,785	7,437	0.76	2.09	9,453	7,184	0.76	2.24
24	20	10,830	6,931	0.64	2.04	10,593	6,779	0.64	2.14	10,308	6,597	0.64	2.28
24	22	11,543	6,002	0.52	2.09	11,305	5,879	0.52	2.21	11,020	5,730	0.52	2.36
26	16	9,405	9,029	0.96	1.94	9,120	8,755	0.96	2.05	8,835	8,482	0.96	2.17
26	18	10,070	8,459	0.84	1.98	9,785	8,219	0.84	2.09	9,453	7,940	0.84	2.24
26	20	10,830	7,798	0.72	2.04	10,593	7,627	0.72	2.14	10,308	7,421	0.72	2.28
26	22	11,543	6,926	0.60	2.09	11,305	6,783	0.60	2.21	11,020	6,612	0.60	2.36
27	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.05	8,835	8,835	1.00	2.17
27	18	10,070	8,862	0.88	1.98	9,785	8,611	0.88	2.09	9,453	8,318	0.88	2.24
27	20	10,830	8,231	0.76	2.04	10,593	8,050	0.76	2.14	10,308	7,834	0.76	2.28
27	22	11,543	7,387	0.64	2.09	11,305	7,235	0.64	2.21	11,020	7,053	0.64	2.36
28	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.05	8,835	8,835	1.00	2.17
28	18	10,070	9,264	0.92	1.98	9,785	9,002	0.92	2.09	9,453	8,696	0.92	2.24
28	20	10,830	8,664	0.80	2.04	10,593	8,474	0.80	2.14	10,308	8,246	0.80	2.28
28	22	11,543	7,849	0.68	2.09	11,305	7,687	0.68	2.21	11,020	7,494	0.68	2.36
30	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.05	8,835	8,835	1.00	2.17
30	18	10,070	10,070	1.00	1.98	9,785	9,785	1.00	2.09	9,453	9,453	1.00	2.24
30	20	10,830	9,530	0.88	2.04	10,593	9,321	0.88	2.14	10,308	9,071	0.88	2.28
30	22	11,543	8,772	0.76	2.09	11,305	8,592	0.76	2.21	11,020	8,375	0.76	2.36
32	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.05	8,835	8,835	1.00	2.17
32	18	10,070	10,070	1.00	1.98	9,785	9,785	1.00	2.09	9,453	9,453	1.00	2.24
32	20	10,830	10,397	0.96	2.04	10,593	10,169	0.96	2.14	10,308	9,895	0.96	2.28
32	22	11,543	9,696	0.84	2.09	11,305	9,496	0.84	2.21	11,020	9,257	0.84	2.36
34	16	9,405	9,405	1.00	1.94	9,120	9,120	1.00	2.05	8,835	8,835	1.00	2.17
34	18	10,070	10,070	1.00	1.98	9,785	9,785	1.00	2.09	9,453	9,453	1.00	2.24
34	20	10,830	10,830	1.00	2.04	10,593	10,593	1.00	2.14	10,308	10,308	1.00	2.28
34	22	11,543	10,619	0.92	2.09	11,305	10,401	0.92	2.21	11,020	10,138	0.92	2.36

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	35 SHC (W)	35 SHF	35 P.C.	40 CA	40 SHC (W)	40 SHF	40 P.C.	45 CA	45 SHC (W)	45 SHF	45 P.C.
20	16	8,455	6,088	0.72	2.33	8,075	5,814	0.72	2.50	7,695	5,540	0.72	2.71
20	18	9,120	5,472	0.60	2.39	8,835	5,301	0.60	2.58	8,265	4,959	0.60	2.77
20	20	9,880	4,742	0.48	2.45	9,500	4,560	0.48	2.62	8,930	4,286	0.48	2.82
22	16	8,455	6,764	0.80	2.33	8,075	6,460	0.80	2.50	7,695	6,156	0.80	2.71
22	18	9,120	6,202	0.68	2.39	8,835	6,008	0.68	2.58	8,265	5,620	0.68	2.77
22	20	9,880	5,533	0.56	2.45	9,500	5,320	0.56	2.62	8,930	5,001	0.56	2.82
24	16	8,455	7,440	0.88	2.33	8,075	7,106	0.88	2.50	7,695	6,772	0.88	2.71
24	18	9,120	6,931	0.76	2.39	8,835	6,715	0.76	2.58	8,265	6,281	0.76	2.77
24	20	9,880	6,323	0.64	2.45	9,500	6,080	0.64	2.62	8,930	5,715	0.64	2.82
24	22	10,640	5,533	0.52	2.50	10,260	5,335	0.52	2.70	9,690	5,039	0.52	2.87
26	16	8,455	8,117	0.96	2.33	8,075	7,752	0.96	2.50	7,695	7,387	0.96	2.71
26	18	9,120	7,661	0.84	2.39	8,835	7,421	0.84	2.58	8,265	6,943	0.84	2.77
26	20	9,880	7,114	0.72	2.45	9,500	6,840	0.72	2.62	8,930	6,430	0.72	2.82
26	22	10,640	6,384	0.60	2.50	10,260	6,156	0.60	2.70	9,690	5,814	0.60	2.87
27	16	8,455	8,455	1.00	2.33	8,075	8,075	1.00	2.50	7,695	7,695	1.00	2.71
27	18	9,120	8,026	0.88	2.39	8,835	7,775	0.88	2.58	8,265	7,273	0.88	2.77
27	20	9,880	7,509	0.76	2.45	9,500	7,220	0.76	2.62	8,930	6,787	0.76	2.82
27	22	10,640	6,810	0.64	2.50	10,260	6,566	0.64	2.70	9,690	6,202	0.64	2.87
28	16	8,455	8,455	1.00	2.33	8,075	8,075	1.00	2.50	7,695	7,695	1.00	2.71
28	18	9,120	8,390	0.92	2.39	8,835	8,128	0.92	2.58	8,265	7,604	0.92	2.77
28	20	9,880	7,904	0.80	2.45	9,500	7,600	0.80	2.62	8,930	7,144	0.80	2.82
28	22	10,640	7,235	0.68	2.50	10,260	6,977	0.68	2.70	9,690	6,589	0.68	2.87
30	16	8,455	8,455	1.00	2.33	8,075	8,075	1.00	2.50	7,695	7,695	1.00	2.71
30	18	9,120	9,120	1.00	2.39	8,835	8,835	1.00	2.58	8,265	8,265	1.00	2.77
30	20	9,880	8,694	0.88	2.45	9,500	8,360	0.88	2.62	8,930	7,858	0.88	2.82
30	22	10,640	8,086	0.76	2.50	10,260	7,798	0.76	2.70	9,690	7,364	0.76	2.87
32	16	8,455	8,455	1.00	2.33	8,075	8,075	1.00	2.50	7,695	7,695	1.00	2.71
32	18	9,120	9,120	1.00	2.39	8,835	8,835	1.00	2.58	8,265	8,265	1.00	2.77
32	20	9,880	9,485	0.96	2.45	9,500	9,120	0.96	2.62	8,930	8,573	0.96	2.82
32	22	10,640	8,938	0.84	2.50	10,260	8,618	0.84	2.70	9,690	8,140	0.84	2.87
34	16	8,455	8,455	1.00	2.33	8,075	8,075	1.00	2.50	7,695	7,695	1.00	2.71
34	18	9,120	9,120	1.00	2.39	8,835	8,835	1.00	2.58	8,265	8,265	1.00	2.77
34	20	9,880	9,880	1.00	2.45	9,500	9,500	1.00	2.62	8,930	8,930	1.00	2.82
34	22	10,640	9,789	0.92	2.50	10,260	9,439	0.92	2.70	9,690	8,915	0.92	2.87

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP125JAQ / PUHZ-ZRP125VKA2, PUHZ-ZRP125YKA2

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	12,375	9,158	0.74	3.09	12,000	8,880	0.74	3.26	11,625	8,603	0.74	3.45
20	18	13,250	8,215	0.62	3.15	12,875	7,983	0.62	3.32	12,438	7,711	0.62	3.55
20	20	14,250	7,125	0.50	3.24	13,938	6,969	0.50	3.40	13,563	6,781	0.50	3.63
22	16	12,375	10,148	0.82	3.09	12,000	9,840	0.82	3.26	11,625	9,533	0.82	3.45
22	18	13,250	9,275	0.70	3.15	12,875	9,013	0.70	3.32	12,438	8,706	0.70	3.55
22	20	14,250	8,265	0.58	3.24	13,938	8,084	0.58	3.40	13,563	7,866	0.58	3.63
24	16	12,375	11,138	0.90	3.09	12,000	10,800	0.90	3.26	11,625	10,463	0.90	3.45
24	18	13,250	10,335	0.78	3.15	12,875	10,043	0.78	3.32	12,438	9,701	0.78	3.55
24	20	14,250	9,405	0.66	3.24	13,938	9,199	0.66	3.40	13,563	8,951	0.66	3.63
24	22	15,188	8,201	0.54	3.32	14,875	8,033	0.54	3.51	14,500	7,830	0.54	3.74
26	16	12,375	12,128	0.98	3.09	12,000	11,760	0.98	3.26	11,625	11,393	0.98	3.45
26	18	13,250	11,395	0.86	3.15	12,875	11,073	0.86	3.32	12,438	10,696	0.86	3.55
26	20	14,250	10,545	0.74	3.24	13,938	10,314	0.74	3.40	13,563	10,036	0.74	3.63
26	22	15,188	9,416	0.62	3.32	14,875	9,223	0.62	3.51	14,500	8,990	0.62	3.74
27	16	12,375	12,375	1.00	3.09	12,000	12,000	1.00	3.26	11,625	11,625	1.00	3.45
27	18	13,250	11,925	0.90	3.15	12,875	11,588	0.90	3.32	12,438	11,194	0.90	3.55
27	20	14,250	11,115	0.78	3.24	13,938	10,871	0.78	3.40	13,563	10,579	0.78	3.63
27	22	15,188	10,024	0.66	3.32	14,875	9,818	0.66	3.51	14,500	9,570	0.66	3.74
28	16	12,375	12,375	1.00	3.09	12,000	12,000	1.00	3.26	11,625	11,625	1.00	3.45
28	18	13,250	12,455	0.94	3.15	12,875	12,103	0.94	3.32	12,438	11,691	0.94	3.55
28	20	14,250	11,685	0.82	3.24	13,938	11,429	0.82	3.40	13,563	11,121	0.82	3.63
28	22	15,188	10,631	0.70	3.32	14,875	10,413	0.70	3.51	14,500	10,150	0.70	3.74
30	16	12,375	12,375	1.00	3.09	12,000	12,000	1.00	3.26	11,625	11,625	1.00	3.45
30	18	13,250	13,250	1.00	3.15	12,875	12,875	1.00	3.32	12,438	12,438	1.00	3.55
30	20	14,250	12,825	0.90	3.24	13,938	12,544	0.90	3.40	13,563	12,206	0.90	3.63
30	22	15,188	11,846	0.78	3.32	14,875	11,603	0.78	3.51	14,500	11,310	0.78	3.74
32	16	12,375	12,375	1.00	3.09	12,000	12,000	1.00	3.26	11,625	11,625	1.00	3.45
32	18	13,250	13,250	1.00	3.15	12,875	12,875	1.00	3.32	12,438	12,438	1.00	3.55
32	20	14,250	13,965	0.98	3.24	13,938	13,659	0.98	3.40	13,563	13,291	0.98	3.63
32	22	15,188	13,061	0.86	3.32	14,875	12,793	0.86	3.51	14,500	12,470	0.86	3.74
34	16	12,375	12,375	1.00	3.09	12,000	12,000	1.00	3.26	11,625	11,625	1.00	3.45
34	18	13,250	13,250	1.00	3.15	12,875	12,875	1.00	3.32	12,438	12,438	1.00	3.55
34	20	14,250	14,250	1.00	3.24	13,938	13,938	1.00	3.40	13,563	13,563	1.00	3.63
34	22	15,188	14,276	0.94	3.32	14,875	13,983	0.94	3.51	14,500	13,630	0.94	3.74

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	11,125	8,233	0.74	3.71	10,625	7,863	0.74	3.98	10,125	7,493	0.74	4.30
20	18	12,000	7,440	0.62	3.80	11,625	7,208	0.62	4.09	10,875	6,743	0.62	4.40
20	20	13,000	6,500	0.50	3.90	12,500	6,250	0.50	4.17	11,750	5,875	0.50	4.48
22	16	11,125	9,123	0.82	3.71	10,625	8,713	0.82	3.98	10,125	8,303	0.82	4.30
22	18	12,000	8,400	0.70	3.80	11,625	8,138	0.70	4.09	10,875	7,613	0.70	4.40
22	20	13,000	7,540	0.58	3.90	12,500	7,250	0.58	4.17	11,750	6,815	0.58	4.48
24	16	11,125	10,013	0.90	3.71	10,625	9,563	0.90	3.98	10,125	9,113	0.90	4.30
24	18	12,000	9,360	0.78	3.80	11,625	9,068	0.78	4.09	10,875	8,483	0.78	4.40
24	20	13,000	8,580	0.66	3.90	12,500	8,250	0.66	4.17	11,750	7,755	0.66	4.48
24	22	14,000	7,560	0.54	3.98	13,500	7,290	0.54	4.28	12,750	6,885	0.54	4.55
26	16	11,125	10,903	0.98	3.71	10,625	10,413	0.98	3.98	10,125	9,923	0.98	4.30
26	18	12,000	10,320	0.86	3.80	11,625	9,998	0.86	4.09	10,875	9,353	0.86	4.40
26	20	13,000	9,620	0.74	3.90	12,500	9,250	0.74	4.17	11,750	8,695	0.74	4.48
26	22	14,000	8,680	0.62	3.98	13,500	8,370	0.62	4.28	12,750	7,905	0.62	4.55
27	16	11,125	11,125	1.00	3.71	10,625	10,625	1.00	3.98	10,125	10,125	1.00	4.30
27	18	12,000	10,800	0.90	3.80	11,625	10,463	0.90	4.09	10,875	9,788	0.90	4.40
27	20	13,000	10,140	0.78	3.90	12,500	9,750	0.78	4.17	11,750	9,165	0.78	4.48
27	22	14,000	9,240	0.66	3.98	13,500	8,910	0.66	4.28	12,750	8,415	0.66	4.55
28	16	11,125	11,125	1.00	3.71	10,625	10,625	1.00	3.98	10,125	10,125	1.00	4.30
28	18	12,000	11,280	0.94	3.80	11,625	10,928	0.94	4.09	10,875	10,223	0.94	4.40
28	20	13,000	10,660	0.82	3.90	12,500	10,250	0.82	4.17	11,750	9,635	0.82	4.48
28	22	14,000	9,800	0.70	3.98	13,500	9,450	0.70	4.28	12,750	8,925	0.70	4.55
30	16	11,125	11,125	1.00	3.71	10,625	10,625	1.00	3.98	10,125	10,125	1.00	4.30
30	18	12,000	12,000	1.00	3.80	11,625	11,625	1.00	4.09	10,875	10,875	1.00	4.40
30	20	13,000	11,700	0.90	3.90	12,500	11,250	0.90	4.17	11,750	10,575	0.90	4.48
30	22	14,000	10,920	0.78	3.98	13,500	10,530	0.78	4.28	12,750	9,945	0.78	4.55
32	16	11,125	11,125	1.00	3.71	10,625	10,625	1.00	3.98	10,125	10,125	1.00	4.30
32	18	12,000	12,000	1.00	3.80	11,625	11,625	1.00	4.09	10,875	10,875	1.00	4.40
32	20	13,000	12,740	0.98	3.90	12,500	12,250	0.98	4.17	11,750	11,515	0.98	4.48
32	22	14,000	12,040	0.86	3.98	13,500	11,610	0.86	4.28	12,750	10,965	0.86	4.55
34	16	11,125	11,125	1.00	3.71	10,625	10,625	1.00	3.98	10,125	10,125	1.00	4.30
34	18	12,000	12,000	1.00	3.80	11,625	11,625	1.00	4.09	10,875	10,875	1.00	4.40
34	20	13,000	13,000	1.00	3.90	12,500	12,500	1.00	4.17	11,750	11,750	1.00	4.48
34	22	14,000	13,160	0.94	3.98	13,500	12,690	0.94	4.28	12,750	11,985	0.94	4.55

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP140JAQ/ PUHZ-ZRP140VKA2, PUHZ-ZRP140YKA2

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	20 SHC (W)	20 SHF	20 P.C.	25 CA	25 SHC (W)	25 SHF	25 P.C.	30 CA	30 SHC (W)	30 SHF	30 P.C.
20	16	13,266	9,817	0.74	3.46	12,864	9,519	0.74	3.65	12,462	9,222	0.74	3.87
20	18	14,204	8,806	0.62	3.52	13,802	8,557	0.62	3.72	13,333	8,266	0.62	3.97
20	20	15,276	7,638	0.50	3.63	14,941	7,471	0.50	3.80	14,539	7,270	0.50	4.06
22	16	13,266	10,878	0.82	3.46	12,864	10,548	0.82	3.65	12,462	10,219	0.82	3.87
22	18	14,204	9,943	0.70	3.52	13,802	9,661	0.70	3.72	13,333	9,333	0.70	3.97
22	20	15,276	8,860	0.58	3.63	14,941	8,666	0.58	3.80	14,539	8,433	0.58	4.06
24	16	13,266	11,939	0.90	3.46	12,864	11,578	0.90	3.65	12,462	11,216	0.90	3.87
24	18	14,204	11,079	0.78	3.52	13,802	10,766	0.78	3.72	13,333	10,400	0.78	3.97
24	20	15,276	10,082	0.66	3.63	14,941	9,861	0.66	3.80	14,539	9,596	0.66	4.06
24	22	16,281	8,792	0.54	3.72	15,946	8,611	0.54	3.93	15,544	8,394	0.54	4.19
26	16	13,266	13,001	0.98	3.46	12,864	12,607	0.98	3.65	12,462	12,213	0.98	3.87
26	18	14,204	12,215	0.86	3.52	13,802	11,870	0.86	3.72	13,333	11,466	0.86	3.97
26	20	15,276	11,304	0.74	3.63	14,941	11,056	0.74	3.80	14,539	10,759	0.74	4.06
26	22	16,281	10,094	0.62	3.72	15,946	9,887	0.62	3.93	15,544	9,637	0.62	4.19
27	16	13,266	13,266	1.00	3.46	12,864	12,864	1.00	3.65	12,462	12,462	1.00	3.87
27	18	14,204	12,784	0.90	3.52	13,802	12,422	0.90	3.72	13,333	12,000	0.90	3.97
27	20	15,276	11,915	0.78	3.63	14,941	11,654	0.78	3.80	14,539	11,340	0.78	4.06
27	22	16,281	10,745	0.66	3.72	15,946	10,524	0.66	3.93	15,544	10,259	0.66	4.19
28	16	13,266	13,266	1.00	3.46	12,864	12,864	1.00	3.65	12,462	12,462	1.00	3.87
28	18	14,204	13,352	0.94	3.52	13,802	12,974	0.94	3.72	13,333	12,533	0.94	3.97
28	20	15,276	12,526	0.82	3.63	14,941	12,252	0.82	3.80	14,539	11,922	0.82	4.06
28	22	16,281	11,397	0.70	3.72	15,946	11,162	0.70	3.93	15,544	10,881	0.70	4.19
30	16	13,266	13,266	1.00	3.46	12,864	12,864	1.00	3.65	12,462	12,462	1.00	3.87
30	18	14,204	14,204	1.00	3.52	13,802	13,802	1.00	3.72	13,333	13,333	1.00	3.97
30	20	15,276	13,748	0.90	3.63	14,941	13,447	0.90	3.80	14,539	13,085	0.90	4.06
30	22	16,281	12,699	0.78	3.72	15,946	12,438	0.78	3.93	15,544	12,124	0.78	4.19
32	16	13,266	13,266	1.00	3.46	12,864	12,864	1.00	3.65	12,462	12,462	1.00	3.87
32	18	14,204	14,204	1.00	3.52	13,802	13,802	1.00	3.72	13,333	13,333	1.00	3.97
32	20	15,276	14,970	0.98	3.63	14,941	14,642	0.98	3.80	14,539	14,248	0.98	4.06
32	22	16,281	14,002	0.86	3.72	15,946	13,714	0.86	3.93	15,544	13,368	0.86	4.19
34	16	13,266	13,266	1.00	3.46	12,864	12,864	1.00	3.65	12,462	12,462	1.00	3.87
34	18	14,204	14,204	1.00	3.52	13,802	13,802	1.00	3.72	13,333	13,333	1.00	3.97
34	20	15,276	15,276	1.00	3.63	14,941	14,941	1.00	3.80	14,539	14,539	1.00	4.06
34	22	16,281	15,304	0.94	3.72	15,946	14,989	0.94	3.93	15,544	14,611	0.94	4.19

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	35 SHC (W)	35 SHF	35 P.C.	40 CA	40 SHC (W)	40 SHF	40 P.C.	45 CA	45 SHC (W)	45 SHF	45 P.C.
20	16	11,926	8,825	0.74	4.15	11,390	8,429	0.74	4.45	10,854	8,032	0.74	4.82
20	18	12,864	7,976	0.62	4.26	12,462	7,726	0.62	4.58	11,658	7,228	0.62	4.92
20	20	13,936	6,968	0.50	4.36	13,400	6,700	0.50	4.67	12,596	6,298	0.50	5.01
22	16	11,926	9,779	0.82	4.15	11,390	9,340	0.82	4.45	10,854	8,900	0.82	4.82
22	18	12,864	9,005	0.70	4.26	12,462	8,723	0.70	4.58	11,658	8,161	0.70	4.92
22	20	13,936	8,083	0.58	4.36	13,400	7,772	0.58	4.67	12,596	7,306	0.58	5.01
24	16	11,926	10,733	0.90	4.15	11,390	10,251	0.90	4.45	10,854	9,769	0.90	4.82
24	18	12,864	10,034	0.78	4.26	12,462	9,720	0.78	4.58	11,658	9,093	0.78	4.92
24	20	13,936	9,198	0.66	4.36	13,400	8,844	0.66	4.67	12,596	8,313	0.66	5.01
24	22	15,008	8,104	0.54	4.45	14,472	7,815	0.54	4.80	13,668	7,381	0.54	5.10
26	16	11,926	11,687	0.98	4.15	11,390	11,162	0.98	4.45	10,854	10,637	0.98	4.82
26	18	12,864	11,063	0.86	4.26	12,462	10,717	0.86	4.58	11,658	10,026	0.86	4.92
26	20	13,936	10,313	0.74	4.36	13,400	9,916	0.74	4.67	12,596	9,321	0.74	5.01
26	22	15,008	9,305	0.62	4.45	14,472	8,973	0.62	4.80	13,668	8,474	0.62	5.10
27	16	11,926	11,926	1.00	4.15	11,390	11,390	1.00	4.45	10,854	10,854	1.00	4.82
27	18	12,864	11,578	0.90	4.26	12,462	11,216	0.90	4.58	11,658	10,492	0.90	4.92
27	20	13,936	10,870	0.78	4.36	13,400	10,452	0.78	4.67	12,596	9,825	0.78	5.01
27	22	15,008	9,905	0.66	4.45	14,472	9,552	0.66	4.80	13,668	9,021	0.66	5.10
28	16	11,926	11,926	1.00	4.15	11,390	11,390	1.00	4.45	10,854	10,854	1.00	4.82
28	18	12,864	12,092	0.94	4.26	12,462	11,714	0.94	4.58	11,658	10,959	0.94	4.92
28	20	13,936	11,428	0.82	4.36	13,400	10,988	0.82	4.67	12,596	10,329	0.82	5.01
28	22	15,008	10,506	0.70	4.45	14,472	10,130	0.70	4.80	13,668	9,568	0.70	5.10
30	16	11,926	11,926	1.00	4.15	11,390	11,390	1.00	4.45	10,854	10,854	1.00	4.82
30	18	12,864	12,864	1.00	4.26	12,462	12,462	1.00	4.58	11,658	11,658	1.00	4.92
30	20	13,936	12,542	0.90	4.36	13,400	12,060	0.90	4.67	12,596	11,336	0.90	5.01
30	22	15,008	11,706	0.78	4.45	14,472	11,288	0.78	4.80	13,668	10,661	0.78	5.10
32	16	11,926	11,926	1.00	4.15	11,390	11,390	1.00	4.45	10,854	10,854	1.00	4.82
32	18	12,864	12,864	1.00	4.26	12,462	12,462	1.00	4.58	11,658	11,658	1.00	4.92
32	20	13,936	13,657	0.98	4.36	13,400	13,132	0.98	4.67	12,596	12,344	0.98	5.01
32	22	15,008	12,907	0.86	4.45	14,472	12,446	0.86	4.80	13,668	11,754	0.86	5.10
34	16	11,926	11,926	1.00	4.15	11,390	11,390	1.00	4.45	10,854	10,854	1.00	4.82
34	18	12,864	12,864	1.00	4.26	12,462	12,462	1.00	4.58	11,658	11,658	1.00	4.92
34	20	13,936	13,936	1.00	4.36	13,400	13,400	1.00	4.67	12,596	12,596	1.00	5.01
34	22	15,008	14,108	0.94	4.45	14,472	13,604	0.94	4.80	13,668	12,848	0.94	5.10

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP35JALQ / PUHZ-ZRP35VKA

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	3,564	2,673	0.75	0.70	3,456	2,592	0.75	0.74	3,348	2,511	0.75	0.78
20	18	3,816	2,404	0.63	0.71	3,708	2,336	0.63	0.75	3,582	2,257	0.63	0.80
20	20	4,104	2,093	0.51	0.73	4,014	2,047	0.51	0.77	3,906	1,992	0.51	0.82
22	16	3,564	2,958	0.83	0.70	3,456	2,868	0.83	0.74	3,348	2,779	0.83	0.78
22	18	3,816	2,709	0.71	0.71	3,708	2,633	0.71	0.75	3,582	2,543	0.71	0.80
22	20	4,104	2,421	0.59	0.73	4,014	2,368	0.59	0.77	3,906	2,305	0.59	0.82
24	16	3,564	3,243	0.91	0.70	3,456	3,145	0.91	0.74	3,348	3,047	0.91	0.78
24	18	3,816	3,015	0.79	0.71	3,708	2,929	0.79	0.75	3,582	2,830	0.79	0.80
24	20	4,104	2,750	0.67	0.73	4,014	2,689	0.67	0.77	3,906	2,617	0.67	0.82
24	22	4,374	2,406	0.55	0.75	4,284	2,356	0.55	0.79	4,176	2,297	0.55	0.84
26	16	3,564	3,528	0.99	0.70	3,456	3,421	0.99	0.74	3,348	3,315	0.99	0.78
26	18	3,816	3,320	0.87	0.71	3,708	3,226	0.87	0.75	3,582	3,116	0.87	0.80
26	20	4,104	3,078	0.75	0.73	4,014	3,011	0.75	0.77	3,906	2,930	0.75	0.82
26	22	4,374	2,756	0.63	0.75	4,284	2,699	0.63	0.79	4,176	2,631	0.63	0.84
27	16	3,564	3,564	1.00	0.70	3,456	3,456	1.00	0.74	3,348	3,348	1.00	0.78
27	18	3,816	3,473	0.91	0.71	3,708	3,374	0.91	0.75	3,582	3,260	0.91	0.80
27	20	4,104	3,242	0.79	0.73	4,014	3,171	0.79	0.77	3,906	3,086	0.79	0.82
27	22	4,374	2,931	0.67	0.75	4,284	2,870	0.67	0.79	4,176	2,798	0.67	0.84
28	16	3,564	3,564	1.00	0.70	3,456	3,456	1.00	0.74	3,348	3,348	1.00	0.78
28	18	3,816	3,625	0.95	0.71	3,708	3,523	0.95	0.75	3,582	3,403	0.95	0.80
28	20	4,104	3,406	0.83	0.73	4,014	3,332	0.83	0.77	3,906	3,242	0.83	0.82
28	22	4,374	3,106	0.71	0.75	4,284	3,042	0.71	0.79	4,176	2,965	0.71	0.84
30	16	3,564	3,564	1.00	0.70	3,456	3,456	1.00	0.74	3,348	3,348	1.00	0.78
30	18	3,816	3,816	1.00	0.71	3,708	3,708	1.00	0.75	3,582	3,582	1.00	0.80
30	20	4,104	3,735	0.91	0.73	4,014	3,653	0.91	0.77	3,906	3,554	0.91	0.82
30	22	4,374	3,455	0.79	0.75	4,284	3,384	0.79	0.79	4,176	3,299	0.79	0.84
32	16	3,564	3,564	1.00	0.70	3,456	3,456	1.00	0.74	3,348	3,348	1.00	0.78
32	18	3,816	3,816	1.00	0.71	3,708	3,708	1.00	0.75	3,582	3,582	1.00	0.80
32	20	4,104	4,063	0.99	0.73	4,014	3,974	0.99	0.77	3,906	3,867	0.99	0.82
32	22	4,374	3,805	0.87	0.75	4,284	3,727	0.87	0.79	4,176	3,633	0.87	0.84
34	16	3,564	3,564	1.00	0.70	3,456	3,456	1.00	0.74	3,348	3,348	1.00	0.78
34	18	3,816	3,816	1.00	0.71	3,708	3,708	1.00	0.75	3,582	3,582	1.00	0.80
34	20	4,104	4,104	1.00	0.73	4,014	4,014	1.00	0.77	3,906	3,906	1.00	0.82
34	22	4,374	4,155	0.95	0.75	4,284	4,070	0.95	0.79	4,176	3,967	0.95	0.84

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	3,204	2,403	0.75	0.84	3,060	2,295	0.75	0.90	2,916	2,187	0.75	0.97
20	18	3,456	2,177	0.63	0.86	3,348	2,109	0.63	0.92	3,132	1,973	0.63	0.99
20	20	3,744	1,909	0.51	0.88	3,600	1,836	0.51	0.94	3,384	1,726	0.51	1.01
22	16	3,204	2,659	0.83	0.84	3,060	2,540	0.83	0.90	2,916	2,420	0.83	0.97
22	18	3,456	2,454	0.71	0.86	3,348	2,377	0.71	0.92	3,132	2,224	0.71	0.99
22	20	3,744	2,209	0.59	0.88	3,600	2,124	0.59	0.94	3,384	1,997	0.59	1.01
24	16	3,204	2,916	0.91	0.84	3,060	2,785	0.91	0.90	2,916	2,654	0.91	0.97
24	18	3,456	2,730	0.79	0.86	3,348	2,645	0.79	0.92	3,132	2,474	0.79	0.99
24	20	3,744	2,508	0.67	0.88	3,600	2,412	0.67	0.94	3,384	2,267	0.67	1.01
24	22	4,032	2,218	0.55	0.90	3,888	2,138	0.55	0.97	3,672	2,020	0.55	1.03
26	16	3,204	3,172	0.99	0.84	3,060	3,029	0.99	0.90	2,916	2,887	0.99	0.97
26	18	3,456	3,007	0.87	0.86	3,348	2,913	0.87	0.92	3,132	2,725	0.87	0.99
26	20	3,744	2,808	0.75	0.88	3,600	2,700	0.75	0.94	3,384	2,538	0.75	1.01
26	22	4,032	2,540	0.63	0.90	3,888	2,449	0.63	0.97	3,672	2,313	0.63	1.03
27	16	3,204	3,204	1.00	0.84	3,060	3,060	1.00	0.90	2,916	2,916	1.00	0.97
27	18	3,456	3,145	0.91	0.86	3,348	3,047	0.91	0.92	3,132	2,850	0.91	0.99
27	20	3,744	2,958	0.79	0.88	3,600	2,844	0.79	0.94	3,384	2,673	0.79	1.01
27	22	4,032	2,701	0.67	0.90	3,888	2,605	0.67	0.97	3,672	2,460	0.67	1.03
28	16	3,204	3,204	1.00	0.84	3,060	3,060	1.00	0.90	2,916	2,916	1.00	0.97
28	18	3,456	3,283	0.95	0.86	3,348	3,181	0.95	0.92	3,132	2,975	0.95	0.99
28	20	3,744	3,108	0.83	0.88	3,600	2,988	0.83	0.94	3,384	2,809	0.83	1.01
28	22	4,032	2,863	0.71	0.90	3,888	2,760	0.71	0.97	3,672	2,607	0.71	1.03
30	16	3,204	3,204	1.00	0.84	3,060	3,060	1.00	0.90	2,916	2,916	1.00	0.97
30	18	3,456	3,456	1.00	0.86	3,348	3,348	1.00	0.92	3,132	3,132	1.00	0.99
30	20	3,744	3,407	0.91	0.88	3,600	3,276	0.91	0.94	3,384	3,079	0.91	1.01
30	22	4,032	3,185	0.79	0.90	3,888	3,072	0.79	0.97	3,672	2,901	0.79	1.03
32	16	3,204	3,204	1.00	0.84	3,060	3,060	1.00	0.90	2,916	2,916	1.00	0.97
32	18	3,456	3,456	1.00	0.86	3,348	3,348	1.00	0.92	3,132	3,132	1.00	0.99
32	20	3,744	3,707	0.99	0.88	3,600	3,564	0.99	0.94	3,384	3,350	0.99	1.01
32	22	4,032	3,508	0.87	0.90	3,888	3,383	0.87	0.97	3,672	3,195	0.87	1.03
34	16	3,204	3,204	1.00	0.84	3,060	3,060	1.00	0.90	2,916	2,916	1.00	0.97
34	18	3,456	3,456	1.00	0.86	3,348	3,348	1.00	0.92	3,132	3,132	1.00	0.99
34	20	3,744	3,744	1.00	0.88	3,600	3,600	1.00	0.94	3,384	3,384	1.00	1.01
34	22	4,032	3,830	0.95	0.90	3,888	3,694	0.95	0.97	3,672	3,488	0.95	1.03

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP50JALQ / PUHZ-ZRP50VKA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,950	3,663	0.74	1.14	4,800	3,552	0.74	1.20	4,650	3,441	0.74	1.27
20	18	5,300	3,286	0.62	1.16	5,150	3,193	0.62	1.22	4,975	3,085	0.62	1.31
20	20	5,700	2,850	0.50	1.19	5,575	2,788	0.50	1.25	5,425	2,713	0.50	1.33
22	16	4,950	4,059	0.82	1.14	4,800	3,936	0.82	1.20	4,650	3,813	0.82	1.27
22	18	5,300	3,710	0.70	1.16	5,150	3,605	0.70	1.22	4,975	3,483	0.70	1.31
22	20	5,700	3,306	0.58	1.19	5,575	3,234	0.58	1.25	5,425	3,147	0.58	1.33
24	16	4,950	4,455	0.90	1.14	4,800	4,320	0.90	1.20	4,650	4,185	0.90	1.27
24	18	5,300	4,134	0.78	1.16	5,150	4,017	0.78	1.22	4,975	3,881	0.78	1.31
24	20	5,700	3,762	0.66	1.19	5,575	3,680	0.66	1.25	5,425	3,581	0.66	1.33
24	22	6,075	3,281	0.54	1.22	5,950	3,213	0.54	1.29	5,800	3,132	0.54	1.38
26	16	4,950	4,851	0.98	1.14	4,800	4,704	0.98	1.20	4,650	4,557	0.98	1.27
26	18	5,300	4,558	0.86	1.16	5,150	4,429	0.86	1.22	4,975	4,279	0.86	1.31
26	20	5,700	4,218	0.74	1.19	5,575	4,126	0.74	1.25	5,425	4,015	0.74	1.33
26	22	6,075	3,767	0.62	1.22	5,950	3,689	0.62	1.29	5,800	3,596	0.62	1.38
27	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
27	18	5,300	4,770	0.90	1.16	5,150	4,635	0.90	1.22	4,975	4,478	0.90	1.31
27	20	5,700	4,446	0.78	1.19	5,575	4,349	0.78	1.25	5,425	4,232	0.78	1.33
27	22	6,075	4,010	0.66	1.22	5,950	3,927	0.66	1.29	5,800	3,828	0.66	1.38
28	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
28	18	5,300	4,982	0.94	1.16	5,150	4,841	0.94	1.22	4,975	4,677	0.94	1.31
28	20	5,700	4,674	0.82	1.19	5,575	4,572	0.82	1.25	5,425	4,449	0.82	1.33
28	22	6,075	4,253	0.70	1.22	5,950	4,165	0.70	1.29	5,800	4,060	0.70	1.38
30	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
30	18	5,300	5,300	1.00	1.16	5,150	5,150	1.00	1.22	4,975	4,975	1.00	1.31
30	20	5,700	5,130	0.90	1.19	5,575	5,018	0.90	1.25	5,425	4,883	0.90	1.33
30	22	6,075	4,739	0.78	1.22	5,950	4,641	0.78	1.29	5,800	4,524	0.78	1.38
32	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
32	18	5,300	5,300	1.00	1.16	5,150	5,150	1.00	1.22	4,975	4,975	1.00	1.31
32	20	5,700	5,586	0.98	1.19	5,575	5,464	0.98	1.25	5,425	5,317	0.98	1.33
32	22	6,075	5,225	0.86	1.22	5,950	5,117	0.86	1.29	5,800	4,988	0.86	1.38
34	16	4,950	4,950	1.00	1.14	4,800	4,800	1.00	1.20	4,650	4,650	1.00	1.27
34	18	5,300	5,300	1.00	1.16	5,150	5,150	1.00	1.22	4,975	4,975	1.00	1.31
34	20	5,700	5,700	1.00	1.19	5,575	5,575	1.00	1.25	5,425	5,425	1.00	1.33
34	22	6,075	5,711	0.94	1.22	5,950	5,593	0.94	1.29	5,800	5,452	0.94	1.38

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	4,450	3,293	0.74	1.36	4,250	3,145	0.74	1.46	4,050	2,997	0.74	1.58
20	18	4,800	2,976	0.62	1.40	4,650	2,883	0.62	1.51	4,350	2,697	0.62	1.62
20	20	5,200	2,600	0.50	1.43	5,000	2,500	0.50	1.53	4,700	2,350	0.50	1.65
22	16	4,450	3,649	0.82	1.36	4,250	3,485	0.82	1.46	4,050	3,321	0.82	1.58
22	18	4,800	3,360	0.70	1.40	4,650	3,255	0.70	1.51	4,350	3,045	0.70	1.62
22	20	5,200	3,016	0.58	1.43	5,000	2,900	0.58	1.53	4,700	2,726	0.58	1.65
24	16	4,450	4,005	0.90	1.36	4,250	3,825	0.90	1.46	4,050	3,645	0.90	1.58
24	18	4,800	3,744	0.78	1.40	4,650	3,627	0.78	1.51	4,350	3,393	0.78	1.62
24	20	5,200	3,432	0.66	1.43	5,000	3,300	0.66	1.53	4,700	3,102	0.66	1.65
24	22	5,600	3,024	0.54	1.46	5,400	2,916	0.54	1.58	5,100	2,754	0.54	1.68
26	16	4,450	4,361	0.98	1.36	4,250	4,165	0.98	1.46	4,050	3,969	0.98	1.58
26	18	4,800	4,128	0.86	1.40	4,650	3,999	0.86	1.51	4,350	3,741	0.86	1.62
26	20	5,200	3,848	0.74	1.43	5,000	3,700	0.74	1.53	4,700	3,478	0.74	1.65
26	22	5,600	3,472	0.62	1.46	5,400	3,348	0.62	1.58	5,100	3,162	0.62	1.68
27	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
27	18	4,800	4,320	0.90	1.40	4,650	4,185	0.90	1.51	4,350	3,915	0.90	1.62
27	20	5,200	4,056	0.78	1.43	5,000	3,900	0.78	1.53	4,700	3,666	0.78	1.65
27	22	5,600	3,696	0.66	1.46	5,400	3,564	0.66	1.58	5,100	3,366	0.66	1.68
28	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
28	18	4,800	4,512	0.94	1.40	4,650	4,371	0.94	1.51	4,350	4,089	0.94	1.62
28	20	5,200	4,264	0.82	1.43	5,000	4,100	0.82	1.53	4,700	3,854	0.82	1.65
28	22	5,600	3,920	0.70	1.46	5,400	3,780	0.70	1.58	5,100	3,570	0.70	1.68
30	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
30	18	4,800	4,800	1.00	1.40	4,650	4,650	1.00	1.51	4,350	4,350	1.00	1.62
30	20	5,200	4,680	0.90	1.43	5,000	4,500	0.90	1.53	4,700	4,230	0.90	1.65
30	22	5,600	4,368	0.78	1.46	5,400	4,212	0.78	1.58	5,100	3,978	0.78	1.68
32	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
32	18	4,800	4,800	1.00	1.40	4,650	4,650	1.00	1.51	4,350	4,350	1.00	1.62
32	20	5,200	5,096	0.98	1.43	5,000	4,900	0.98	1.53	4,700	4,606	0.98	1.65
32	22	5,600	4,816	0.86	1.46	5,400	4,644	0.86	1.58	5,100	4,386	0.86	1.68
34	16	4,450	4,450	1.00	1.36	4,250	4,250	1.00	1.46	4,050	4,050	1.00	1.58
34	18	4,800	4,800	1.00	1.40	4,650	4,650	1.00	1.51	4,350	4,350	1.00	1.62
34	20	5,200	5,200	1.00	1.43	5,000	5,000	1.00	1.53	4,700	4,700	1.00	1.65
34	22	5,600	5,264	0.94	1.46	5,400	5,076	0.94	1.58	5,100	4,794	0.94	1.68

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP60JALQ / PUHZ-ZRP60VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,039	4,408	0.73	1.30	5,856	4,275	0.73	1.38	5,673	4,141	0.73	1.46
20	18	6,466	3,944	0.61	1.33	6,283	3,833	0.61	1.40	6,070	3,702	0.61	1.50
20	20	6,954	3,407	0.49	1.37	6,802	3,333	0.49	1.43	6,619	3,243	0.49	1.53
22	16	6,039	4,892	0.81	1.30	5,856	4,743	0.81	1.38	5,673	4,595	0.81	1.46
22	18	6,466	4,462	0.69	1.33	6,283	4,335	0.69	1.40	6,070	4,188	0.69	1.50
22	20	6,954	3,964	0.57	1.37	6,802	3,877	0.57	1.43	6,619	3,773	0.57	1.53
24	16	6,039	5,375	0.89	1.30	5,856	5,212	0.89	1.38	5,673	5,049	0.89	1.46
24	18	6,466	4,979	0.77	1.33	6,283	4,838	0.77	1.40	6,070	4,674	0.77	1.50
24	20	6,954	4,520	0.65	1.37	6,802	4,421	0.65	1.43	6,619	4,302	0.65	1.53
24	22	7,412	3,928	0.53	1.40	7,259	3,847	0.53	1.48	7,076	3,750	0.53	1.58
26	16	6,039	5,858	0.97	1.30	5,856	5,680	0.97	1.38	5,673	5,503	0.97	1.46
26	18	6,466	5,496	0.85	1.33	6,283	5,341	0.85	1.40	6,070	5,159	0.85	1.50
26	20	6,954	5,076	0.73	1.37	6,802	4,965	0.73	1.43	6,619	4,832	0.73	1.53
26	22	7,412	4,521	0.61	1.40	7,259	4,428	0.61	1.48	7,076	4,316	0.61	1.58
27	16	6,039	6,039	1.00	1.30	5,856	5,856	1.00	1.38	5,673	5,673	1.00	1.46
27	18	6,466	5,755	0.89	1.33	6,283	5,592	0.89	1.40	6,070	5,402	0.89	1.50
27	20	6,954	5,355	0.77	1.37	6,802	5,237	0.77	1.43	6,619	5,096	0.77	1.53
27	22	7,412	4,817	0.65	1.40	7,259	4,718	0.65	1.48	7,076	4,599	0.65	1.58
28	16	6,039	6,039	1.00	1.30	5,856	5,856	1.00	1.38	5,673	5,673	1.00	1.46
28	18	6,466	6,013	0.93	1.33	6,283	5,843	0.93	1.40	6,070	5,645	0.93	1.50
28	20	6,954	5,633	0.81	1.37	6,802	5,509	0.81	1.43	6,619	5,361	0.81	1.53
28	22	7,412	5,114	0.69	1.40	7,259	5,009	0.69	1.48	7,076	4,882	0.69	1.58
30	16	6,039	6,039	1.00	1.30	5,856	5,856	1.00	1.38	5,673	5,673	1.00	1.46
30	18	6,466	6,466	1.00	1.33	6,283	6,283	1.00	1.40	6,070	6,070	1.00	1.50
30	20	6,954	6,189	0.89	1.37	6,802	6,053	0.89	1.43	6,619	5,890	0.89	1.53
30	22	7,412	5,707	0.77	1.40	7,259	5,589	0.77	1.48	7,076	5,449	0.77	1.58
32	16	6,039	6,039	1.00	1.30	5,856	5,856	1.00	1.38	5,673	5,673	1.00	1.46
32	18	6,466	6,466	1.00	1.33	6,283	6,283	1.00	1.40	6,070	6,070	1.00	1.50
32	20	6,954	6,745	0.97	1.37	6,802	6,597	0.97	1.43	6,619	6,420	0.97	1.53
32	22	7,412	6,300	0.85	1.40	7,259	6,170	0.85	1.48	7,076	6,015	0.85	1.58
34	16	6,039	6,039	1.00	1.30	5,856	5,856	1.00	1.38	5,673	5,673	1.00	1.46
34	18	6,466	6,466	1.00	1.33	6,283	6,283	1.00	1.40	6,070	6,070	1.00	1.50
34	20	6,954	6,954	1.00	1.37	6,802	6,802	1.00	1.43	6,619	6,619	1.00	1.53
34	22	7,412	6,893	0.93	1.40	7,259	6,751	0.93	1.48	7,076	6,581	0.93	1.58

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	5,429	3,963	0.73	1.56	5,185	3,785	0.73	1.68	4,941	3,607	0.73	1.82
20	18	5,856	3,572	0.61	1.61	5,673	3,461	0.61	1.73	5,307	3,237	0.61	1.86
20	20	6,344	3,109	0.49	1.65	6,100	2,989	0.49	1.76	5,734	2,810	0.49	1.89
22	16	5,429	4,397	0.81	1.56	5,185	4,200	0.81	1.68	4,941	4,002	0.81	1.82
22	18	5,856	4,041	0.69	1.61	5,673	3,914	0.69	1.73	5,307	3,662	0.69	1.86
22	20	6,344	3,616	0.57	1.65	6,100	3,477	0.57	1.76	5,734	3,268	0.57	1.89
24	16	5,429	4,832	0.89	1.56	5,185	4,615	0.89	1.68	4,941	4,397	0.89	1.82
24	18	5,856	4,509	0.77	1.61	5,673	4,368	0.77	1.73	5,307	4,086	0.77	1.86
24	20	6,344	4,124	0.65	1.65	6,100	3,965	0.65	1.76	5,734	3,727	0.65	1.89
24	22	6,832	3,621	0.53	1.68	6,588	3,492	0.53	1.81	6,222	3,298	0.53	1.92
26	16	5,429	5,266	0.97	1.56	5,185	5,029	0.97	1.68	4,941	4,793	0.97	1.82
26	18	5,856	4,978	0.85	1.61	5,673	4,822	0.85	1.73	5,307	4,511	0.85	1.86
26	20	6,344	4,631	0.73	1.65	6,100	4,453	0.73	1.76	5,734	4,186	0.73	1.89
26	22	6,832	4,168	0.61	1.68	6,588	4,019	0.61	1.81	6,222	3,795	0.61	1.92
27	16	5,429	5,429	1.00	1.56	5,185	5,185	1.00	1.68	4,941	4,941	1.00	1.82
27	18	5,856	5,212	0.89	1.61	5,673	5,049	0.89	1.73	5,307	4,723	0.89	1.86
27	20	6,344	4,885	0.77	1.65	6,100	4,697	0.77	1.76	5,734	4,415	0.77	1.89
27	22	6,832	4,441	0.65	1.68	6,588	4,282	0.65	1.81	6,222	4,044	0.65	1.92
28	16	5,429	5,429	1.00	1.56	5,185	5,185	1.00	1.68	4,941	4,941	1.00	1.82
28	18	5,856	5,446	0.93	1.61	5,673	5,276	0.93	1.73	5,307	4,936	0.93	1.86
28	20	6,344	5,139	0.81	1.65	6,100	4,941	0.81	1.76	5,734	4,645	0.81	1.89
28	22	6,832	4,714	0.69	1.68	6,588	4,546	0.69	1.81	6,222	4,293	0.69	1.92
30	16	5,429	5,429	1.00	1.56	5,185	5,185	1.00	1.68	4,941	4,941	1.00	1.82
30	18	5,856	5,856	1.00	1.61	5,673	5,673	1.00	1.73	5,307	5,307	1.00	1.86
30	20	6,344	5,646	0.89	1.65	6,100	5,429	0.89	1.76	5,734	5,103	0.89	1.89
30	22	6,832	5,261	0.77	1.68	6,588	5,073	0.77	1.81	6,222	4,791	0.77	1.92
32	16	5,429	5,429	1.00	1.56	5,185	5,185	1.00	1.68	4,941	4,941	1.00	1.82
32	18	5,856	5,856	1.00	1.61	5,673	5,673	1.00	1.73	5,307	5,307	1.00	1.86
32	20	6,344	6,154	0.97	1.65	6,100	5,917	0.97	1.76	5,734	5,562	0.97	1.89
32	22	6,832	5,807	0.85	1.68	6,588	5,600	0.85	1.81	6,222	5,289	0.85	1.92
34	16	5,429	5,429	1.00	1.56	5,185	5,185	1.00	1.68	4,941	4,941	1.00	1.82
34	18	5,856	5,856	1.00	1.61	5,673	5,673	1.00	1.73	5,307	5,307	1.00	1.86
34	20	6,344	6,344	1.00	1.65	6,100	6,100	1.00	1.76	5,734	5,734	1.00	1.89
34	22	6,832	6,354	0.93	1.68	6,588	6,127	0.93	1.81	6,222	5,786	0.93	1.92

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP71JALQ / PUHZ-ZRP71VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,131	0.73	1.59	6,816	4,976	0.73	1.68	6,603	4,820	0.73	1.78
20	18	7,526	4,591	0.61	1.62	7,313	4,461	0.61	1.71	7,065	4,309	0.61	1.83
20	20	8,094	3,966	0.49	1.67	7,917	3,879	0.49	1.75	7,704	3,775	0.49	1.87
22	16	7,029	5,693	0.81	1.59	6,816	5,521	0.81	1.68	6,603	5,348	0.81	1.78
22	18	7,526	5,193	0.69	1.62	7,313	5,046	0.69	1.71	7,065	4,875	0.69	1.83
22	20	8,094	4,614	0.57	1.67	7,917	4,512	0.57	1.75	7,704	4,391	0.57	1.87
24	16	7,029	6,256	0.89	1.59	6,816	6,066	0.89	1.68	6,603	5,877	0.89	1.78
24	18	7,526	5,795	0.77	1.62	7,313	5,631	0.77	1.71	7,065	5,440	0.77	1.83
24	20	8,094	5,261	0.65	1.67	7,917	5,146	0.65	1.75	7,704	5,007	0.65	1.87
24	22	8,627	4,572	0.53	1.71	8,449	4,478	0.53	1.81	8,236	4,365	0.53	1.93
26	16	7,029	6,818	0.97	1.59	6,816	6,612	0.97	1.68	6,603	6,405	0.97	1.78
26	18	7,526	6,397	0.85	1.62	7,313	6,216	0.85	1.71	7,065	6,005	0.85	1.83
26	20	8,094	5,909	0.73	1.67	7,917	5,779	0.73	1.75	7,704	5,624	0.73	1.87
26	22	8,627	5,262	0.61	1.71	8,449	5,154	0.61	1.81	8,236	5,024	0.61	1.93
27	16	7,029	7,029	1.00	1.59	6,816	6,816	1.00	1.68	6,603	6,603	1.00	1.78
27	18	7,526	6,698	0.89	1.62	7,313	6,509	0.89	1.71	7,065	6,287	0.89	1.83
27	20	8,094	6,232	0.77	1.67	7,917	6,096	0.77	1.75	7,704	5,932	0.77	1.87
27	22	8,627	5,607	0.65	1.71	8,449	5,492	0.65	1.81	8,236	5,353	0.65	1.93
28	16	7,029	7,029	1.00	1.59	6,816	6,816	1.00	1.68	6,603	6,603	1.00	1.78
28	18	7,526	6,999	0.93	1.62	7,313	6,801	0.93	1.71	7,065	6,570	0.93	1.83
28	20	8,094	6,556	0.81	1.67	7,917	6,412	0.81	1.75	7,704	6,240	0.81	1.87
28	22	8,627	5,952	0.69	1.71	8,449	5,830	0.69	1.81	8,236	5,683	0.69	1.93
30	16	7,029	7,029	1.00	1.59	6,816	6,816	1.00	1.68	6,603	6,603	1.00	1.78
30	18	7,526	7,526	1.00	1.62	7,313	7,313	1.00	1.71	7,065	7,065	1.00	1.83
30	20	8,094	7,204	0.89	1.67	7,917	7,046	0.89	1.75	7,704	6,856	0.89	1.87
30	22	8,627	6,642	0.77	1.71	8,449	6,506	0.77	1.81	8,236	6,342	0.77	1.93
32	16	7,029	7,029	1.00	1.59	6,816	6,816	1.00	1.68	6,603	6,603	1.00	1.78
32	18	7,526	7,526	1.00	1.62	7,313	7,313	1.00	1.71	7,065	7,065	1.00	1.83
32	20	8,094	7,851	0.97	1.67	7,917	7,679	0.97	1.75	7,704	7,472	0.97	1.87
32	22	8,627	7,333	0.85	1.71	8,449	7,182	0.85	1.81	8,236	7,001	0.85	1.93
34	16	7,029	7,029	1.00	1.59	6,816	6,816	1.00	1.68	6,603	6,603	1.00	1.78
34	18	7,526	7,526	1.00	1.62	7,313	7,313	1.00	1.71	7,065	7,065	1.00	1.83
34	20	8,094	8,094	1.00	1.67	7,917	7,917	1.00	1.75	7,704	7,704	1.00	1.87
34	22	8,627	8,023	0.93	1.71	8,449	7,858	0.93	1.81	8,236	7,659	0.93	1.93

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,613	0.73	1.91	6,035	4,406	0.73	2.05	5,751	4,198	0.73	2.22
20	18	6,816	4,158	0.61	1.96	6,603	4,028	0.61	2.11	6,177	3,768	0.61	2.27
20	20	7,384	3,618	0.49	2.01	7,100	3,479	0.49	2.15	6,674	3,270	0.49	2.31
22	16	6,319	5,118	0.81	1.91	6,035	4,888	0.81	2.05	5,751	4,658	0.81	2.22
22	18	6,816	4,703	0.69	1.96	6,603	4,556	0.69	2.11	6,177	4,262	0.69	2.27
22	20	7,384	4,209	0.57	2.01	7,100	4,047	0.57	2.15	6,674	3,804	0.57	2.31
24	16	6,319	5,624	0.89	1.91	6,035	5,371	0.89	2.05	5,751	5,118	0.89	2.22
24	18	6,816	5,248	0.77	1.96	6,603	5,084	0.77	2.11	6,177	4,756	0.77	2.27
24	20	7,384	4,800	0.65	2.01	7,100	4,615	0.65	2.15	6,674	4,338	0.65	2.31
24	22	7,952	4,215	0.53	2.05	7,668	4,064	0.53	2.21	7,242	3,838	0.53	2.35
26	16	6,319	6,129	0.97	1.91	6,035	5,854	0.97	2.05	5,751	5,578	0.97	2.22
26	18	6,816	5,794	0.85	1.96	6,603	5,613	0.85	2.11	6,177	5,250	0.85	2.27
26	20	7,384	5,390	0.73	2.01	7,100	5,183	0.73	2.15	6,674	4,872	0.73	2.31
26	22	7,952	4,851	0.61	2.05	7,668	4,677	0.61	2.21	7,242	4,418	0.61	2.35
27	16	6,319	6,319	1.00	1.91	6,035	6,035	1.00	2.05	5,751	5,751	1.00	2.22
27	18	6,816	6,066	0.89	1.96	6,603	5,877	0.89	2.11	6,177	5,498	0.89	2.27
27	20	7,384	5,686	0.77	2.01	7,100	5,467	0.77	2.15	6,674	5,139	0.77	2.31
27	22	7,952	5,169	0.65	2.05	7,668	4,984	0.65	2.21	7,242	4,707	0.65	2.35
28	16	6,319	6,319	1.00	1.91	6,035	6,035	1.00	2.05	5,751	5,751	1.00	2.22
28	18	6,816	6,339	0.93	1.96	6,603	6,141	0.93	2.11	6,177	5,745	0.93	2.27
28	20	7,384	5,981	0.81	2.01	7,100	5,751	0.81	2.15	6,674	5,406	0.81	2.31
28	22	7,952	5,487	0.69	2.05	7,668	5,291	0.69	2.21	7,242	4,997	0.69	2.35
30	16	6,319	6,319	1.00	1.91	6,035	6,035	1.00	2.05	5,751	5,751	1.00	2.22
30	18	6,816	6,816	1.00	1.96	6,603	6,603	1.00	2.11	6,177	6,177	1.00	2.27
30	20	7,384	6,572	0.89	2.01	7,100	6,319	0.89	2.15	6,674	5,940	0.89	2.31
30	22	7,952	6,123	0.77	2.05	7,668	5,904	0.77	2.21	7,242	5,576	0.77	2.35
32	16	6,319	6,319	1.00	1.91	6,035	6,035	1.00	2.05	5,751	5,751	1.00	2.22
32	18	6,816	6,816	1.00	1.96	6,603	6,603	1.00	2.11	6,177	6,177	1.00	2.27
32	20	7,384	7,162	0.97	2.01	7,100	6,887	0.97	2.15	6,674	6,474	0.97	2.31
32	22	7,952	6,759	0.85	2.05	7,668	6,518	0.85	2.21	7,242	6,156	0.85	2.35
34	16	6,319	6,319	1.00	1.91	6,035	6,035	1.00	2.05	5,751	5,751	1.00	2.22
34	18	6,816	6,816	1.00	1.96	6,603	6,603	1.00	2.11	6,177	6,177	1.00	2.27
34	20	7,384	7,384	1.00	2.01	7,100	7,100	1.00	2.15	6,674	6,674	1.00	2.31
34	22	7,952	7,395	0.93	2.05	7,668	7,131	0.93	2.21	7,242	6,735	0.93	2.35

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP100JALQ / PUHZ-ZRP100VKA2, PUHZ-ZRP100YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,405	6,772	0.72	1.93	9,120	6,566	0.72	2.04	8,835	6,361	0.72	2.16
20	18	10,070	6,042	0.60	1.96	9,785	5,871	0.60	2.07	9,453	5,672	0.60	2.22
20	20	10,830	5,198	0.48	2.02	10,593	5,084	0.48	2.12	10,308	4,948	0.48	2.27
22	16	9,405	7,524	0.80	1.93	9,120	7,296	0.80	2.04	8,835	7,068	0.80	2.16
22	18	10,070	6,848	0.68	1.96	9,785	6,654	0.68	2.07	9,453	6,428	0.68	2.22
22	20	10,830	6,065	0.56	2.02	10,593	5,932	0.56	2.12	10,308	5,772	0.56	2.27
24	16	9,405	8,276	0.88	1.93	9,120	8,026	0.88	2.04	8,835	7,775	0.88	2.16
24	18	10,070	7,653	0.76	1.96	9,785	7,437	0.76	2.07	9,453	7,184	0.76	2.22
24	20	10,830	6,931	0.64	2.02	10,593	6,779	0.64	2.12	10,308	6,597	0.64	2.27
24	22	11,543	6,002	0.52	2.07	11,305	5,879	0.52	2.19	11,020	5,730	0.52	2.34
26	16	9,405	9,029	0.96	1.93	9,120	8,755	0.96	2.04	8,835	8,482	0.96	2.16
26	18	10,070	8,459	0.84	1.96	9,785	8,219	0.84	2.07	9,453	7,940	0.84	2.22
26	20	10,830	7,798	0.72	2.02	10,593	7,627	0.72	2.12	10,308	7,421	0.72	2.27
26	22	11,543	6,926	0.60	2.07	11,305	6,783	0.60	2.19	11,020	6,612	0.60	2.34
27	16	9,405	9,405	1.00	1.93	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.16
27	18	10,070	8,862	0.88	1.96	9,785	8,611	0.88	2.07	9,453	8,318	0.88	2.22
27	20	10,830	8,231	0.76	2.02	10,593	8,050	0.76	2.12	10,308	7,834	0.76	2.27
27	22	11,543	7,387	0.64	2.07	11,305	7,235	0.64	2.19	11,020	7,053	0.64	2.34
28	16	9,405	9,405	1.00	1.93	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.16
28	18	10,070	9,264	0.92	1.96	9,785	9,002	0.92	2.07	9,453	8,696	0.92	2.22
28	20	10,830	8,664	0.80	2.02	10,593	8,474	0.80	2.12	10,308	8,246	0.80	2.27
28	22	11,543	7,849	0.68	2.07	11,305	7,687	0.68	2.19	11,020	7,494	0.68	2.34
30	16	9,405	9,405	1.00	1.93	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.16
30	18	10,070	10,070	1.00	1.96	9,785	9,785	1.00	2.07	9,453	9,453	1.00	2.22
30	20	10,830	9,530	0.88	2.02	10,593	9,321	0.88	2.12	10,308	9,071	0.88	2.27
30	22	11,543	8,772	0.76	2.07	11,305	8,592	0.76	2.19	11,020	8,375	0.76	2.34
32	16	9,405	9,405	1.00	1.93	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.16
32	18	10,070	10,070	1.00	1.96	9,785	9,785	1.00	2.07	9,453	9,453	1.00	2.22
32	20	10,830	10,397	0.96	2.02	10,593	10,169	0.96	2.12	10,308	9,895	0.96	2.27
32	22	11,543	9,696	0.84	2.07	11,305	9,496	0.84	2.19	11,020	9,257	0.84	2.34
34	16	9,405	9,405	1.00	1.93	9,120	9,120	1.00	2.04	8,835	8,835	1.00	2.16
34	18	10,070	10,070	1.00	1.96	9,785	9,785	1.00	2.07	9,453	9,453	1.00	2.22
34	20	10,830	10,830	1.00	2.02	10,593	10,593	1.00	2.12	10,308	10,308	1.00	2.27
34	22	11,543	10,619	0.92	2.07	11,305	10,401	0.92	2.19	11,020	10,138	0.92	2.34

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,455	6,088	0.72	2.31	8,075	5,814	0.72	2.48	7,695	5,540	0.72	2.69
20	18	9,120	5,472	0.60	2.37	8,835	5,301	0.60	2.55	8,265	4,959	0.60	2.75
20	20	9,880	4,742	0.48	2.43	9,500	4,560	0.48	2.60	8,930	4,286	0.48	2.80
22	16	8,455	6,764	0.80	2.31	8,075	6,460	0.80	2.48	7,695	6,156	0.80	2.69
22	18	9,120	6,202	0.68	2.37	8,835	6,008	0.68	2.55	8,265	5,620	0.68	2.75
22	20	9,880	5,533	0.56	2.43	9,500	5,320	0.56	2.60	8,930	5,001	0.56	2.80
24	16	8,455	7,440	0.88	2.31	8,075	7,106	0.88	2.48	7,695	6,772	0.88	2.69
24	18	9,120	6,931	0.76	2.37	8,835	6,715	0.76	2.55	8,265	6,281	0.76	2.75
24	20	9,880	6,323	0.64	2.43	9,500	6,080	0.64	2.60	8,930	5,715	0.64	2.80
24	22	10,640	5,533	0.52	2.48	10,260	5,335	0.52	2.68	9,690	5,039	0.52	2.84
26	16	8,455	8,117	0.96	2.31	8,075	7,752	0.96	2.48	7,695	7,387	0.96	2.69
26	18	9,120	7,661	0.84	2.37	8,835	7,421	0.84	2.55	8,265	6,943	0.84	2.75
26	20	9,880	7,114	0.72	2.43	9,500	6,840	0.72	2.60	8,930	6,430	0.72	2.80
26	22	10,640	6,384	0.60	2.48	10,260	6,156	0.60	2.68	9,690	5,814	0.60	2.84
27	16	8,455	8,455	1.00	2.31	8,075	8,075	1.00	2.48	7,695	7,695	1.00	2.69
27	18	9,120	8,026	0.88	2.37	8,835	7,775	0.88	2.55	8,265	7,273	0.88	2.75
27	20	9,880	7,509	0.76	2.43	9,500	7,220	0.76	2.60	8,930	6,787	0.76	2.80
27	22	10,640	6,810	0.64	2.48	10,260	6,566	0.64	2.68	9,690	6,202	0.64	2.84
28	16	8,455	8,455	1.00	2.31	8,075	8,075	1.00	2.48	7,695	7,695	1.00	2.69
28	18	9,120	8,390	0.92	2.37	8,835	8,128	0.92	2.55	8,265	7,604	0.92	2.75
28	20	9,880	7,904	0.80	2.43	9,500	7,600	0.80	2.60	8,930	7,144	0.80	2.80
28	22	10,640	7,235	0.68	2.48	10,260	6,977	0.68	2.68	9,690	6,589	0.68	2.84
30	16	8,455	8,455	1.00	2.31	8,075	8,075	1.00	2.48	7,695	7,695	1.00	2.69
30	18	9,120	9,120	1.00	2.37	8,835	8,835	1.00	2.55	8,265	8,265	1.00	2.75
30	20	9,880	8,694	0.88	2.43	9,500	8,360	0.88	2.60	8,930	7,858	0.88	2.80
30	22	10,640	8,086	0.76	2.48	10,260	7,798	0.76	2.68	9,690	7,364	0.76	2.84
32	16	8,455	8,455	1.00	2.31	8,075	8,075	1.00	2.48	7,695	7,695	1.00	2.69
32	18	9,120	9,120	1.00	2.37	8,835	8,835	1.00	2.55	8,265	8,265	1.00	2.75
32	20	9,880	9,485	0.96	2.43	9,500	9,120	0.96	2.60	8,930	8,573	0.96	2.80
32	22	10,640	8,938	0.84	2.48	10,260	8,618	0.84	2.68	9,690	8,140	0.84	2.84
34	16	8,455	8,455	1.00	2.31	8,075	8,075	1.00	2.48	7,695	7,695	1.00	2.69
34	18	9,120	9,120	1.00	2.37	8,835	8,835	1.00	2.55	8,265	8,265	1.00	2.75
34	20	9,880	9,880	1.00	2.43	9,500	9,500	1.00	2.60	8,930	8,930	1.00	2.80
34	22	10,640	9,789	0.92	2.48	10,260	9,439	0.92	2.68	9,690	8,915	0.92	2.84

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP125JALQ / PUHZ-ZRP125VKA2, PUHZ-ZRP125YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,375	9,158	0.74	3.06	12,000	8,880	0.74	3.24	11,625	8,603	0.74	3.43
20	18	13,250	8,215	0.62	3.12	12,875	7,983	0.62	3.29	12,438	7,711	0.62	3.52
20	20	14,250	7,125	0.50	3.22	13,938	6,969	0.50	3.37	13,563	6,781	0.50	3.60
22	16	12,375	10,148	0.82	3.06	12,000	9,840	0.82	3.24	11,625	9,533	0.82	3.43
22	18	13,250	9,275	0.70	3.12	12,875	9,013	0.70	3.29	12,438	8,706	0.70	3.52
22	20	14,250	8,265	0.58	3.22	13,938	8,084	0.58	3.37	13,563	7,866	0.58	3.60
24	16	12,375	11,138	0.90	3.06	12,000	10,800	0.90	3.24	11,625	10,463	0.90	3.43
24	18	13,250	10,335	0.78	3.12	12,875	10,043	0.78	3.29	12,438	9,701	0.78	3.52
24	20	14,250	9,405	0.66	3.22	13,938	9,199	0.66	3.37	13,563	8,951	0.66	3.60
24	22	15,188	8,201	0.54	3.29	14,875	8,033	0.54	3.49	14,500	7,830	0.54	3.72
26	16	12,375	12,128	0.98	3.06	12,000	11,760	0.98	3.24	11,625	11,393	0.98	3.43
26	18	13,250	11,395	0.86	3.12	12,875	11,073	0.86	3.29	12,438	10,696	0.86	3.52
26	20	14,250	10,545	0.74	3.22	13,938	10,314	0.74	3.37	13,563	10,036	0.74	3.60
26	22	15,188	9,416	0.62	3.29	14,875	9,223	0.62	3.49	14,500	8,990	0.62	3.72
27	16	12,375	12,375	1.00	3.06	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.43
27	18	13,250	11,925	0.90	3.12	12,875	11,588	0.90	3.29	12,438	11,194	0.90	3.52
27	20	14,250	11,115	0.78	3.22	13,938	10,871	0.78	3.37	13,563	10,579	0.78	3.60
27	22	15,188	10,024	0.66	3.29	14,875	9,818	0.66	3.49	14,500	9,570	0.66	3.72
28	16	12,375	12,375	1.00	3.06	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.43
28	18	13,250	12,455	0.94	3.12	12,875	12,103	0.94	3.29	12,438	11,691	0.94	3.52
28	20	14,250	11,685	0.82	3.22	13,938	11,429	0.82	3.37	13,563	11,121	0.82	3.60
28	22	15,188	10,631	0.70	3.29	14,875	10,413	0.70	3.49	14,500	10,150	0.70	3.72
30	16	12,375	12,375	1.00	3.06	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.43
30	18	13,250	13,250	1.00	3.12	12,875	12,875	1.00	3.29	12,438	12,438	1.00	3.52
30	20	14,250	12,825	0.90	3.22	13,938	12,544	0.90	3.37	13,563	12,206	0.90	3.60
30	22	15,188	11,846	0.78	3.29	14,875	11,603	0.78	3.49	14,500	11,310	0.78	3.72
32	16	12,375	12,375	1.00	3.06	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.43
32	18	13,250	13,250	1.00	3.12	12,875	12,875	1.00	3.29	12,438	12,438	1.00	3.52
32	20	14,250	13,965	0.98	3.22	13,938	13,659	0.98	3.37	13,563	13,291	0.98	3.60
32	22	15,188	13,061	0.86	3.29	14,875	12,793	0.86	3.49	14,500	12,470	0.86	3.72
34	16	12,375	12,375	1.00	3.06	12,000	12,000	1.00	3.24	11,625	11,625	1.00	3.43
34	18	13,250	13,250	1.00	3.12	12,875	12,875	1.00	3.29	12,438	12,438	1.00	3.52
34	20	14,250	14,250	1.00	3.22	13,938	13,938	1.00	3.37	13,563	13,563	1.00	3.60
34	22	15,188	14,276	0.94	3.29	14,875	13,983	0.94	3.49	14,500	13,630	0.94	3.72

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,125	8,233	0.74	3.68	10,625	7,863	0.74	3.94	10,125	7,493	0.74	4.27
20	18	12,000	7,440	0.62	3.77	11,625	7,208	0.62	4.06	10,875	6,743	0.62	4.37
20	20	13,000	6,500	0.50	3.87	12,500	6,250	0.50	4.14	11,750	5,875	0.50	4.44
22	16	11,125	9,123	0.82	3.68	10,625	8,713	0.82	3.94	10,125	8,303	0.82	4.27
22	18	12,000	8,400	0.70	3.77	11,625	8,138	0.70	4.06	10,875	7,613	0.70	4.37
22	20	13,000	7,540	0.58	3.87	12,500	7,250	0.58	4.14	11,750	6,815	0.58	4.44
24	16	11,125	10,013	0.90	3.68	10,625	9,563	0.90	3.94	10,125	9,113	0.90	4.27
24	18	12,000	9,360	0.78	3.77	11,625	9,068	0.78	4.06	10,875	8,483	0.78	4.37
24	20	13,000	8,580	0.66	3.87	12,500	8,250	0.66	4.14	11,750	7,755	0.66	4.44
24	22	14,000	7,560	0.54	3.94	13,500	7,290	0.54	4.25	12,750	6,885	0.54	4.52
26	16	11,125	10,903	0.98	3.68	10,625	10,413	0.98	3.94	10,125	9,923	0.98	4.27
26	18	12,000	10,320	0.86	3.77	11,625	9,998	0.86	4.06	10,875	9,353	0.86	4.37
26	20	13,000	9,620	0.74	3.87	12,500	9,250	0.74	4.14	11,750	8,695	0.74	4.44
26	22	14,000	8,680	0.62	3.94	13,500	8,370	0.62	4.25	12,750	7,905	0.62	4.52
27	16	11,125	11,125	1.00	3.68	10,625	10,625	1.00	3.94	10,125	10,125	1.00	4.27
27	18	12,000	10,800	0.90	3.77	11,625	10,463	0.90	4.06	10,875	9,788	0.90	4.37
27	20	13,000	10,140	0.78	3.87	12,500	9,750	0.78	4.14	11,750	9,165	0.78	4.44
27	22	14,000	9,240	0.66	3.94	13,500	8,910	0.66	4.25	12,750	8,415	0.66	4.52
28	16	11,125	11,125	1.00	3.68	10,625	10,625	1.00	3.94	10,125	10,125	1.00	4.27
28	18	12,000	11,280	0.94	3.77	11,625	10,928	0.94	4.06	10,875	10,223	0.94	4.37
28	20	13,000	10,660	0.82	3.87	12,500	10,250	0.82	4.14	11,750	9,635	0.82	4.44
28	22	14,000	9,800	0.70	3.94	13,500	9,450	0.70	4.25	12,750	8,925	0.70	4.52
30	16	11,125	11,125	1.00	3.68	10,625	10,625	1.00	3.94	10,125	10,125	1.00	4.27
30	18	12,000	12,000	1.00	3.77	11,625	11,625	1.00	4.06	10,875	10,875	1.00	4.37
30	20	13,000	11,700	0.90	3.87	12,500	11,250	0.90	4.14	11,750	10,575	0.90	4.44
30	22	14,000	10,920	0.78	3.94	13,500	10,530	0.78	4.25	12,750	9,945	0.78	4.52
32	16	11,125	11,125	1.00	3.68	10,625	10,625	1.00	3.94	10,125	10,125	1.00	4.27
32	18	12,000	12,000	1.00	3.77	11,625	11,625	1.00	4.06	10,875	10,875	1.00	4.37
32	20	13,000	12,740	0.98	3.87	12,500	12,250	0.98	4.14	11,750	11,515	0.98	4.44
32	22	14,000	12,040	0.86	3.94	13,500	11,610	0.86	4.25	12,750	10,965	0.86	4.52
34	16	11,125	11,125	1.00	3.68	10,625	10,625	1.00	3.94	10,125	10,125	1.00	4.27
34	18	12,000	12,000	1.00	3.77	11,625	11,625	1.00	4.06	10,875	10,875	1.00	4.37
34	20	13,000	13,000	1.00	3.87	12,500	12,500	1.00	4.14	11,750	11,750	1.00	4.44
34	22	14,000	13,160	0.94	3.94	13,500	12,690	0.94	4.25	12,750	11,985	0.94	4.52

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP140JALQ / PUHZ-ZRP140VKA2, PUHZ-ZRP140YKA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	13,266	9,817	0.74	3.43	12,864	9,519	0.74	3.63	12,462	9,222	0.74	3.84
20	18	14,204	8,806	0.62	3.50	13,802	8,557	0.62	3.69	13,333	8,266	0.62	3.95
20	20	15,276	7,638	0.50	3.60	14,941	7,471	0.50	3.78	14,539	7,270	0.50	4.03
22	16	13,266	10,878	0.82	3.43	12,864	10,548	0.82	3.63	12,462	10,219	0.82	3.84
22	18	14,204	9,943	0.70	3.50	13,802	9,661	0.70	3.69	13,333	9,333	0.70	3.95
22	20	15,276	8,860	0.58	3.60	14,941	8,666	0.58	3.78	14,539	8,433	0.58	4.03
24	16	13,266	11,939	0.90	3.43	12,864	11,578	0.90	3.63	12,462	11,216	0.90	3.84
24	18	14,204	11,079	0.78	3.50	13,802	10,766	0.78	3.69	13,333	10,400	0.78	3.95
24	20	15,276	10,082	0.66	3.60	14,941	9,861	0.66	3.78	14,539	9,596	0.66	4.03
24	22	16,281	8,792	0.54	3.69	15,946	8,611	0.54	3.90	15,544	8,394	0.54	4.16
26	16	13,266	13,001	0.98	3.43	12,864	12,607	0.98	3.63	12,462	12,213	0.98	3.84
26	18	14,204	12,215	0.86	3.50	13,802	11,870	0.86	3.69	13,333	11,466	0.86	3.95
26	20	15,276	11,304	0.74	3.60	14,941	11,056	0.74	3.78	14,539	10,759	0.74	4.03
26	22	16,281	10,094	0.62	3.69	15,946	9,887	0.62	3.90	15,544	9,637	0.62	4.16
27	16	13,266	13,266	1.00	3.43	12,864	12,864	1.00	3.63	12,462	12,462	1.00	3.84
27	18	14,204	12,784	0.90	3.50	13,802	12,422	0.90	3.69	13,333	12,000	0.90	3.95
27	20	15,276	11,915	0.78	3.60	14,941	11,654	0.78	3.78	14,539	11,340	0.78	4.03
27	22	16,281	10,745	0.66	3.69	15,946	10,524	0.66	3.90	15,544	10,259	0.66	4.16
28	16	13,266	13,266	1.00	3.43	12,864	12,864	1.00	3.63	12,462	12,462	1.00	3.84
28	18	14,204	13,352	0.94	3.50	13,802	12,974	0.94	3.69	13,333	12,533	0.94	3.95
28	20	15,276	12,526	0.82	3.60	14,941	12,252	0.82	3.78	14,539	11,922	0.82	4.03
28	22	16,281	11,397	0.70	3.69	15,946	11,162	0.70	3.90	15,544	10,881	0.70	4.16
30	16	13,266	13,266	1.00	3.43	12,864	12,864	1.00	3.63	12,462	12,462	1.00	3.84
30	18	14,204	14,204	1.00	3.50	13,802	13,802	1.00	3.69	13,333	13,333	1.00	3.95
30	20	15,276	13,748	0.90	3.60	14,941	13,447	0.90	3.78	14,539	13,085	0.90	4.03
30	22	16,281	12,699	0.78	3.69	15,946	12,438	0.78	3.90	15,544	12,124	0.78	4.16
32	16	13,266	13,266	1.00	3.43	12,864	12,864	1.00	3.63	12,462	12,462	1.00	3.84
32	18	14,204	14,204	1.00	3.50	13,802	13,802	1.00	3.69	13,333	13,333	1.00	3.95
32	20	15,276	14,970	0.98	3.60	14,941	14,642	0.98	3.78	14,539	14,248	0.98	4.03
32	22	16,281	14,002	0.86	3.69	15,946	13,714	0.86	3.90	15,544	13,368	0.86	4.16
34	16	13,266	13,266	1.00	3.43	12,864	12,864	1.00	3.63	12,462	12,462	1.00	3.84
34	18	14,204	14,204	1.00	3.50	13,802	13,802	1.00	3.69	13,333	13,333	1.00	3.95
34	20	15,276	15,276	1.00	3.60	14,941	14,941	1.00	3.78	14,539	14,539	1.00	4.03
34	22	16,281	15,304	0.94	3.69	15,946	14,989	0.94	3.90	15,544	14,611	0.94	4.16

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,926	8,825	0.74	4.12	11,390	8,429	0.74	4.42	10,854	8,032	0.74	4.78
20	18	12,864	7,976	0.62	4.23	12,462	7,726	0.62	4.55	11,658	7,228	0.62	4.89
20	20	13,936	6,968	0.50	4.33	13,400	6,700	0.50	4.63	12,596	6,298	0.50	4.98
22	16	11,926	9,779	0.82	4.12	11,390	9,340	0.82	4.42	10,854	8,900	0.82	4.78
22	18	12,864	9,005	0.70	4.23	12,462	8,723	0.70	4.55	11,658	8,161	0.70	4.89
22	20	13,936	8,083	0.58	4.33	13,400	7,772	0.58	4.63	12,596	7,306	0.58	4.98
24	16	11,926	10,733	0.90	4.12	11,390	10,251	0.90	4.42	10,854	9,769	0.90	4.78
24	18	12,864	10,034	0.78	4.23	12,462	9,720	0.78	4.55	11,658	9,093	0.78	4.89
24	20	13,936	9,198	0.66	4.33	13,400	8,844	0.66	4.63	12,596	8,313	0.66	4.98
24	22	15,008	8,104	0.54	4.42	14,472	7,815	0.54	4.76	13,668	7,381	0.54	5.06
26	16	11,926	11,687	0.98	4.12	11,390	11,162	0.98	4.42	10,854	10,637	0.98	4.78
26	18	12,864	11,063	0.86	4.23	12,462	10,717	0.86	4.55	11,658	10,026	0.86	4.89
26	20	13,936	10,313	0.74	4.33	13,400	9,916	0.74	4.63	12,596	9,321	0.74	4.98
26	22	15,008	9,305	0.62	4.42	14,472	8,973	0.62	4.76	13,668	8,474	0.62	5.06
27	16	11,926	11,926	1.00	4.12	11,390	11,390	1.00	4.42	10,854	10,854	1.00	4.78
27	18	12,864	11,578	0.90	4.23	12,462	11,216	0.90	4.55	11,658	10,492	0.90	4.89
27	20	13,936	10,870	0.78	4.33	13,400	10,452	0.78	4.63	12,596	9,825	0.78	4.98
27	22	15,008	9,905	0.66	4.42	14,472	9,552	0.66	4.76	13,668	9,021	0.66	5.06
28	16	11,926	11,926	1.00	4.12	11,390	11,390	1.00	4.42	10,854	10,854	1.00	4.78
28	18	12,864	12,092	0.94	4.23	12,462	11,714	0.94	4.55	11,658	10,959	0.94	4.89
28	20	13,936	11,428	0.82	4.33	13,400	10,988	0.82	4.63	12,596	10,329	0.82	4.98
28	22	15,008	10,506	0.70	4.42	14,472	10,130	0.70	4.76	13,668	9,568	0.70	5.06
30	16	11,926	11,926	1.00	4.12	11,390	11,390	1.00	4.42	10,854	10,854	1.00	4.78
30	18	12,864	12,864	1.00	4.23	12,462	12,462	1.00	4.55	11,658	11,658	1.00	4.89
30	20	13,936	12,542	0.90	4.33	13,400	12,060	0.90	4.63	12,596	11,336	0.90	4.98
30	22	15,008	11,706	0.78	4.42	14,472	11,288	0.78	4.76	13,668	10,661	0.78	5.06
32	16	11,926	11,926	1.00	4.12	11,390	11,390	1.00	4.42	10,854	10,854	1.00	4.78
32	18	12,864	12,864	1.00	4.23	12,462	12,462	1.00	4.55	11,658	11,658	1.00	4.89
32	20	13,936	13,657	0.98	4.33	13,400	13,132	0.98	4.63	12,596	12,344	0.98	4.98
32	22	15,008	12,907	0.86	4.42	14,472	12,446	0.86	4.76	13,668	11,754	0.86	5.06
34	16	11,926	11,926	1.00	4.12	11,390	11,390	1.00	4.42	10,854	10,854	1.00	4.78
34	18	12,864	12,864	1.00	4.23	12,462	12,462	1.00	4.55	11,658	11,658	1.00	4.89
34	20	13,936	13,936	1.00	4.33	13,400	13,400	1.00	4.63	12,596	12,596	1.00	4.98
34	22	15,008	14,108	0.94	4.42	14,472	13,604	0.94	4.76	13,668	12,848	0.94	5.06

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP71JAQ / PUHZ-FRP71VHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	7,029	5,272	0.75	1.68	6,816	5,112	0.75	1.77	6,603	4,952	0.75	1.88
20	18	7,526	4,741	0.63	1.71	7,313	4,607	0.63	1.81	7,065	4,451	0.63	1.93
20	20	8,094	4,128	0.51	1.76	7,917	4,037	0.51	1.85	7,704	3,929	0.51	1.97
22	16	7,029	5,834	0.83	1.68	6,816	5,657	0.83	1.77	6,603	5,480	0.83	1.88
22	18	7,526	5,343	0.71	1.71	7,313	5,192	0.71	1.81	7,065	5,016	0.71	1.93
22	20	8,094	4,775	0.59	1.76	7,917	4,671	0.59	1.85	7,704	4,545	0.59	1.97
24	16	7,029	6,396	0.91	1.68	6,816	6,203	0.91	1.77	6,603	6,009	0.91	1.88
24	18	7,526	5,946	0.79	1.71	7,313	5,777	0.79	1.81	7,065	5,581	0.79	1.93
24	20	8,094	5,423	0.67	1.76	7,917	5,304	0.67	1.85	7,704	5,161	0.67	1.97
24	22	8,627	4,745	0.55	1.81	8,449	4,647	0.55	1.91	8,236	4,530	0.55	2.04
26	16	7,029	6,959	0.99	1.68	6,816	6,748	0.99	1.77	6,603	6,537	0.99	1.88
26	18	7,526	6,548	0.87	1.71	7,313	6,362	0.87	1.81	7,065	6,146	0.87	1.93
26	20	8,094	6,071	0.75	1.76	7,917	5,937	0.75	1.85	7,704	5,778	0.75	1.97
26	22	8,627	5,435	0.63	1.81	8,449	5,323	0.63	1.91	8,236	5,189	0.63	2.04
27	16	7,029	7,029	1.00	1.68	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.88
27	18	7,526	6,849	0.91	1.71	7,313	6,655	0.91	1.81	7,065	6,429	0.91	1.93
27	20	8,094	6,394	0.79	1.76	7,917	6,254	0.79	1.85	7,704	6,086	0.79	1.97
27	22	8,627	5,780	0.67	1.81	8,449	5,661	0.67	1.91	8,236	5,518	0.67	2.04
28	16	7,029	7,029	1.00	1.68	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.88
28	18	7,526	7,150	0.95	1.71	7,313	6,947	0.95	1.81	7,065	6,711	0.95	1.93
28	20	8,094	6,718	0.83	1.76	7,917	6,571	0.83	1.85	7,704	6,394	0.83	1.97
28	22	8,627	6,125	0.71	1.81	8,449	5,999	0.71	1.91	8,236	5,848	0.71	2.04
30	16	7,029	7,029	1.00	1.68	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.88
30	18	7,526	7,526	1.00	1.71	7,313	7,313	1.00	1.81	7,065	7,065	1.00	1.93
30	20	8,094	7,366	0.91	1.76	7,917	7,204	0.91	1.85	7,704	7,010	0.91	1.97
30	22	8,627	6,815	0.79	1.81	8,449	6,675	0.79	1.91	8,236	6,506	0.79	2.04
32	16	7,029	7,029	1.00	1.68	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.88
32	18	7,526	7,526	1.00	1.71	7,313	7,313	1.00	1.81	7,065	7,065	1.00	1.93
32	20	8,094	8,013	0.99	1.76	7,917	7,837	0.99	1.85	7,704	7,626	0.99	1.97
32	22	8,627	7,505	0.87	1.81	8,449	7,351	0.87	1.91	8,236	7,165	0.87	2.04
34	16	7,029	7,029	1.00	1.68	6,816	6,816	1.00	1.77	6,603	6,603	1.00	1.88
34	18	7,526	7,526	1.00	1.71	7,313	7,313	1.00	1.81	7,065	7,065	1.00	1.93
34	20	8,094	8,094	1.00	1.76	7,917	7,917	1.00	1.85	7,704	7,704	1.00	1.97
34	22	8,627	8,195	0.95	1.81	8,449	8,027	0.95	1.91	8,236	7,824	0.95	2.04

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	6,319	4,739	0.75	2.02	6,035	4,526	0.75	2.16	5,751	4,313	0.75	2.34
20	18	6,816	4,294	0.63	2.07	6,603	4,160	0.63	2.23	6,177	3,892	0.63	2.39
20	20	7,384	3,766	0.51	2.12	7,100	3,621	0.51	2.27	6,674	3,404	0.51	2.44
22	16	6,319	5,245	0.83	2.02	6,035	5,009	0.83	2.16	5,751	4,773	0.83	2.34
22	18	6,816	4,839	0.71	2.07	6,603	4,688	0.71	2.23	6,177	4,386	0.71	2.39
22	20	7,384	4,357	0.59	2.12	7,100	4,189	0.59	2.27	6,674	3,938	0.59	2.44
24	16	6,319	5,750	0.91	2.02	6,035	5,492	0.91	2.16	5,751	5,233	0.91	2.34
24	18	6,816	5,385	0.79	2.07	6,603	5,216	0.79	2.23	6,177	4,880	0.79	2.39
24	20	7,384	4,947	0.67	2.12	7,100	4,757	0.67	2.27	6,674	4,472	0.67	2.44
24	22	7,952	4,374	0.55	2.16	7,668	4,217	0.55	2.33	7,242	3,983	0.55	2.48
26	16	6,319	6,256	0.99	2.02	6,035	5,975	0.99	2.16	5,751	5,693	0.99	2.34
26	18	6,816	5,930	0.87	2.07	6,603	5,745	0.87	2.23	6,177	5,374	0.87	2.39
26	20	7,384	5,538	0.75	2.12	7,100	5,325	0.75	2.27	6,674	5,006	0.75	2.44
26	22	7,952	5,010	0.63	2.16	7,668	4,831	0.63	2.33	7,242	4,562	0.63	2.48
27	16	6,319	6,319	1.00	2.02	6,035	6,035	1.00	2.16	5,751	5,751	1.00	2.34
27	18	6,816	6,203	0.91	2.07	6,603	6,009	0.91	2.23	6,177	5,621	0.91	2.39
27	20	7,384	5,833	0.79	2.12	7,100	5,609	0.79	2.27	6,674	5,272	0.79	2.44
27	22	7,952	5,328	0.67	2.16	7,668	5,138	0.67	2.33	7,242	4,852	0.67	2.48
28	16	6,319	6,319	1.00	2.02	6,035	6,035	1.00	2.16	5,751	5,751	1.00	2.34
28	18	6,816	6,475	0.95	2.07	6,603	6,273	0.95	2.23	6,177	5,868	0.95	2.39
28	20	7,384	6,129	0.83	2.12	7,100	5,893	0.83	2.27	6,674	5,539	0.83	2.44
28	22	7,952	5,646	0.71	2.16	7,668	5,444	0.71	2.33	7,242	5,142	0.71	2.48
30	16	6,319	6,319	1.00	2.02	6,035	6,035	1.00	2.16	5,751	5,751	1.00	2.34
30	18	6,816	6,816	1.00	2.07	6,603	6,603	1.00	2.23	6,177	6,177	1.00	2.39
30	20	7,384	6,719	0.91	2.12	7,100	6,461	0.91	2.27	6,674	6,073	0.91	2.44
30	22	7,952	6,282	0.79	2.16	7,668	6,058	0.79	2.33	7,242	5,721	0.79	2.48
32	16	6,319	6,319	1.00	2.02	6,035	6,035	1.00	2.16	5,751	5,751	1.00	2.34
32	18	6,816	6,816	1.00	2.07	6,603	6,603	1.00	2.23	6,177	6,177	1.00	2.39
32	20	7,384	7,310	0.99	2.12	7,100	7,029	0.99	2.27	6,674	6,607	0.99	2.44
32	22	7,952	6,918	0.87	2.16	7,668	6,671	0.87	2.33	7,242	6,301	0.87	2.48
34	16	6,319	6,319	1.00	2.02	6,035	6,035	1.00	2.16	5,751	5,751	1.00	2.34
34	18	6,816	6,816	1.00	2.07	6,603	6,603	1.00	2.23	6,177	6,177	1.00	2.39
34	20	7,384	7,384	1.00	2.12	7,100	7,100	1.00	2.27	6,674	6,674	1.00	2.44
34	22	7,952	7,554	0.95	2.16	7,668	7,285	0.95	2.33	7,242	6,880	0.95	2.48

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP71JALQ / PUHZ-FRP71VA

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	7,029	5,272	0.75	1.66	6,816	5,112	0.75	1.76	6,603	4,952	0.75	1.86
20	18	7,526	4,741	0.63	1.70	7,313	4,607	0.63	1.79	7,065	4,451	0.63	1.91
20	20	8,094	4,128	0.51	1.75	7,917	4,037	0.51	1.83	7,704	3,929	0.51	1.96
22	16	7,029	5,834	0.83	1.66	6,816	5,657	0.83	1.76	6,603	5,480	0.83	1.86
22	18	7,526	5,343	0.71	1.70	7,313	5,192	0.71	1.79	7,065	5,016	0.71	1.91
22	20	8,094	4,775	0.59	1.75	7,917	4,671	0.59	1.83	7,704	4,545	0.59	1.96
24	16	7,029	6,396	0.91	1.66	6,816	6,203	0.91	1.76	6,603	6,009	0.91	1.86
24	18	7,526	5,946	0.79	1.70	7,313	5,777	0.79	1.79	7,065	5,581	0.79	1.91
24	20	8,094	5,423	0.67	1.75	7,917	5,304	0.67	1.83	7,704	5,161	0.67	1.96
24	22	8,627	4,745	0.55	1.79	8,449	4,647	0.55	1.89	8,236	4,530	0.55	2.02
26	16	7,029	6,959	0.99	1.66	6,816	6,748	0.99	1.76	6,603	6,537	0.99	1.86
26	18	7,526	6,548	0.87	1.70	7,313	6,362	0.87	1.79	7,065	6,146	0.87	1.91
26	20	8,094	6,071	0.75	1.75	7,917	5,937	0.75	1.83	7,704	5,778	0.75	1.96
26	22	8,627	5,435	0.63	1.79	8,449	5,323	0.63	1.89	8,236	5,189	0.63	2.02
27	16	7,029	7,029	1.00	1.66	6,816	6,816	1.00	1.76	6,603	6,603	1.00	1.86
27	18	7,526	6,849	0.91	1.70	7,313	6,655	0.91	1.79	7,065	6,429	0.91	1.91
27	20	8,094	6,394	0.79	1.75	7,917	6,254	0.79	1.83	7,704	6,086	0.79	1.96
27	22	8,627	5,780	0.67	1.79	8,449	5,661	0.67	1.89	8,236	5,518	0.67	2.02
28	16	7,029	7,029	1.00	1.66	6,816	6,816	1.00	1.76	6,603	6,603	1.00	1.86
28	18	7,526	7,150	0.95	1.70	7,313	6,947	0.95	1.79	7,065	6,711	0.95	1.91
28	20	8,094	6,718	0.83	1.75	7,917	6,571	0.83	1.83	7,704	6,394	0.83	1.96
28	22	8,627	6,125	0.71	1.79	8,449	5,999	0.71	1.89	8,236	5,848	0.71	2.02
30	16	7,029	7,029	1.00	1.66	6,816	6,816	1.00	1.76	6,603	6,603	1.00	1.86
30	18	7,526	7,526	1.00	1.70	7,313	7,313	1.00	1.79	7,065	7,065	1.00	1.91
30	20	8,094	7,366	0.91	1.75	7,917	7,204	0.91	1.83	7,704	7,010	0.91	1.96
30	22	8,627	6,815	0.79	1.79	8,449	6,675	0.79	1.89	8,236	6,506	0.79	2.02
32	16	7,029	7,029	1.00	1.66	6,816	6,816	1.00	1.76	6,603	6,603	1.00	1.86
32	18	7,526	7,526	1.00	1.70	7,313	7,313	1.00	1.79	7,065	7,065	1.00	1.91
32	20	8,094	8,013	0.99	1.75	7,917	7,837	0.99	1.83	7,704	7,626	0.99	1.96
32	22	8,627	7,505	0.87	1.79	8,449	7,351	0.87	1.89	8,236	7,165	0.87	2.02
34	16	7,029	7,029	1.00	1.66	6,816	6,816	1.00	1.76	6,603	6,603	1.00	1.86
34	18	7,526	7,526	1.00	1.70	7,313	7,313	1.00	1.79	7,065	7,065	1.00	1.91
34	20	8,094	8,094	1.00	1.75	7,917	7,917	1.00	1.83	7,704	7,704	1.00	1.96
34	22	8,627	8,195	0.95	1.79	8,449	8,027	0.95	1.89	8,236	7,824	0.95	2.02

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	6,319	4,739	0.75	2.00	6,035	4,526	0.75	2.14	5,751	4,313	0.75	2.32
20	18	6,816	4,294	0.63	2.05	6,603	4,160	0.63	2.20	6,177	3,892	0.63	2.37
20	20	7,384	3,766	0.51	2.10	7,100	3,621	0.51	2.25	6,674	3,404	0.51	2.41
22	16	6,319	5,245	0.83	2.00	6,035	5,009	0.83	2.14	5,751	4,773	0.83	2.32
22	18	6,816	4,839	0.71	2.05	6,603	4,688	0.71	2.20	6,177	4,386	0.71	2.37
22	20	7,384	4,357	0.59	2.10	7,100	4,189	0.59	2.25	6,674	3,938	0.59	2.41
24	16	6,319	5,750	0.91	2.00	6,035	5,492	0.91	2.14	5,751	5,233	0.91	2.32
24	18	6,816	5,385	0.79	2.05	6,603	5,216	0.79	2.20	6,177	4,880	0.79	2.37
24	20	7,384	4,947	0.67	2.10	7,100	4,757	0.67	2.25	6,674	4,472	0.67	2.41
24	22	7,952	4,374	0.55	2.14	7,668	4,217	0.55	2.31	7,242	3,983	0.55	2.45
26	16	6,319	6,256	0.99	2.00	6,035	5,975	0.99	2.14	5,751	5,693	0.99	2.32
26	18	6,816	5,930	0.87	2.05	6,603	5,745	0.87	2.20	6,177	5,374	0.87	2.37
26	20	7,384	5,538	0.75	2.10	7,100	5,325	0.75	2.25	6,674	5,006	0.75	2.41
26	22	7,952	5,010	0.63	2.14	7,668	4,831	0.63	2.31	7,242	4,562	0.63	2.45
27	16	6,319	6,319	1.00	2.00	6,035	6,035	1.00	2.14	5,751	5,751	1.00	2.32
27	18	6,816	6,203	0.91	2.05	6,603	6,009	0.91	2.20	6,177	5,621	0.91	2.37
27	20	7,384	5,833	0.79	2.10	7,100	5,609	0.79	2.25	6,674	5,272	0.79	2.41
27	22	7,952	5,328	0.67	2.14	7,668	5,138	0.67	2.31	7,242	4,852	0.67	2.45
28	16	6,319	6,319	1.00	2.00	6,035	6,035	1.00	2.14	5,751	5,751	1.00	2.32
28	18	6,816	6,475	0.95	2.05	6,603	6,273	0.95	2.20	6,177	5,868	0.95	2.37
28	20	7,384	6,129	0.83	2.10	7,100	5,893	0.83	2.25	6,674	5,539	0.83	2.41
28	22	7,952	5,646	0.71	2.14	7,668	5,444	0.71	2.31	7,242	5,142	0.71	2.45
30	16	6,319	6,319	1.00	2.00	6,035	6,035	1.00	2.14	5,751	5,751	1.00	2.32
30	18	6,816	6,816	1.00	2.05	6,603	6,603	1.00	2.20	6,177	6,177	1.00	2.37
30	20	7,384	6,719	0.91	2.10	7,100	6,461	0.91	2.25	6,674	6,073	0.91	2.41
30	22	7,952	6,282	0.79	2.14	7,668	6,058	0.79	2.31	7,242	5,721	0.79	2.45
32	16	6,319	6,319	1.00	2.00	6,035	6,035	1.00	2.14	5,751	5,751	1.00	2.32
32	18	6,816	6,816	1.00	2.05	6,603	6,603	1.00	2.20	6,177	6,177	1.00	2.37
32	20	7,384	7,310	0.99	2.10	7,100	7,029	0.99	2.25	6,674	6,607	0.99	2.41
32	22	7,952	6,918	0.87	2.14	7,668	6,671	0.87	2.31	7,242	6,301	0.87	2.45
34	16	6,319	6,319	1.00	2.00	6,035	6,035	1.00	2.14	5,751	5,751	1.00	2.32
34	18	6,816	6,816	1.00	2.05	6,603	6,603	1.00	2.20	6,177	6,177	1.00	2.37
34	20	7,384	7,384	1.00	2.10	7,100	7,100	1.00	2.25	6,674	6,674	1.00	2.41
34	22	7,952	7,554	0.95	2.14	7,668	7,285	0.95	2.31	7,242	6,880	0.95	2.45

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP35JAQ / SUZ-KA35VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,230	2,834	0.67	0.840	4,050	2,714	0.67	0.882	3,888	2,605	0.67	0.924	3,744	2,508	0.67	0.966
21	20	4,410	2,426	0.55	0.882	4,230	2,327	0.55	0.935	4,104	2,257	0.55	0.956	3,960	2,178	0.55	0.998
22	18	4,230	3,003	0.71	0.840	4,050	2,876	0.71	0.882	3,888	2,760	0.71	0.924	3,744	2,658	0.71	0.966
22	20	4,410	2,602	0.59	0.882	4,230	2,496	0.59	0.935	4,104	2,421	0.59	0.956	3,960	2,336	0.59	0.998
22	22	4,590	2,157	0.47	0.914	4,428	2,081	0.47	0.971	4,320	2,030	0.47	0.998	4,140	1,946	0.47	1.040
23	18	4,230	3,173	0.75	0.840	4,050	3,038	0.75	0.882	3,888	2,916	0.75	0.924	3,744	2,808	0.75	0.966
23	20	4,410	2,778	0.63	0.882	4,230	2,665	0.63	0.935	4,104	2,586	0.63	0.956	3,960	2,495	0.63	0.998
23	22	4,590	2,341	0.51	0.914	4,428	2,258	0.51	0.971	4,320	2,203	0.51	0.998	4,140	2,111	0.51	1.040
24	18	4,230	3,342	0.79	0.840	4,050	3,200	0.79	0.882	3,888	3,072	0.79	0.924	3,744	2,958	0.79	0.966
24	20	4,410	2,955	0.67	0.882	4,230	2,834	0.67	0.935	4,104	2,750	0.67	0.956	3,960	2,653	0.67	0.998
24	22	4,590	2,525	0.55	0.914	4,428	2,435	0.55	0.971	4,320	2,376	0.55	0.998	4,140	2,277	0.55	1.040
24	24	4,824	2,074	0.43	0.956	4,644	1,997	0.43	1.008	4,536	1,950	0.43	1.040	4,392	1,889	0.43	1.092
25	20	4,410	3,131	0.71	0.882	4,230	3,003	0.71	0.935	4,104	2,914	0.71	0.956	3,960	2,812	0.71	0.998
25	22	4,590	2,708	0.59	0.914	4,428	2,613	0.59	0.971	4,320	2,549	0.59	0.998	4,140	2,443	0.59	1.040
25	24	4,824	2,267	0.47	0.956	4,644	2,183	0.47	1.008	4,536	2,132	0.47	1.040	4,392	2,064	0.47	1.092
26	18	4,230	3,680	0.87	0.840	4,050	3,524	0.87	0.882	3,888	3,383	0.87	0.924	3,744	3,257	0.87	0.966
26	20	4,410	3,308	0.75	0.882	4,230	3,173	0.75	0.935	4,104	3,078	0.75	0.956	3,960	2,970	0.75	0.998
26	22	4,590	2,892	0.63	0.914	4,428	2,790	0.63	0.971	4,320	2,722	0.63	0.998	4,140	2,608	0.63	1.040
26	24	4,824	2,460	0.51	0.956	4,644	2,368	0.51	1.008	4,536	2,313	0.51	1.040	4,392	2,240	0.51	1.092
26	26	4,968	1,938	0.39	1.008	4,824	1,881	0.39	1.061	4,752	1,853	0.39	1.092	4,608	1,797	0.39	1.124
27	18	4,230	3,849	0.91	0.840	4,050	3,686	0.91	0.882	3,888	3,538	0.91	0.924	3,744	3,407	0.91	0.966
27	20	4,410	3,484	0.79	0.882	4,230	3,342	0.79	0.935	4,104	3,242	0.79	0.956	3,960	3,128	0.79	0.998
27	22	4,590	3,075	0.67	0.914	4,428	2,967	0.67	0.971	4,320	2,894	0.67	0.998	4,140	2,774	0.67	1.040
27	24	4,824	2,653	0.55	0.956	4,644	2,554	0.55	1.008	4,536	2,495	0.55	1.040	4,392	2,416	0.55	1.092
27	26	4,968	2,136	0.43	1.008	4,824	2,074	0.43	1.061	4,752	2,043	0.43	1.092	4,608	1,981	0.43	1.124
28	18	4,230	4,019	0.95	0.840	4,050	3,848	0.95	0.882	3,888	3,694	0.95	0.924	3,744	3,557	0.95	0.966
28	20	4,410	3,660	0.83	0.882	4,230	3,511	0.83	0.935	4,104	3,406	0.83	0.956	3,960	3,287	0.83	0.998
28	22	4,590	3,259	0.71	0.914	4,428	3,144	0.71	0.971	4,320	3,067	0.71	0.998	4,140	2,939	0.71	1.040
28	24	4,824	2,846	0.59	0.956	4,644	2,740	0.59	1.008	4,536	2,676	0.59	1.040	4,392	2,591	0.59	1.092
28	26	4,968	2,335	0.47	1.008	4,824	2,267	0.47	1.061	4,752	2,233	0.47	1.092	4,608	2,166	0.47	1.124
29	18	4,230	4,188	0.99	0.840	4,050	4,010	0.99	0.882	3,888	3,849	0.99	0.924	3,744	3,707	0.99	0.966
29	20	4,410	3,837	0.87	0.882	4,230	3,680	0.87	0.935	4,104	3,570	0.87	0.956	3,960	3,445	0.87	0.998
29	22	4,590	3,443	0.75	0.914	4,428	3,321	0.75	0.971	4,320	3,240	0.75	0.998	4,140	3,105	0.75	1.040
29	24	4,824	3,039	0.63	0.956	4,644	2,926	0.63	1.008	4,536	2,858	0.63	1.040	4,392	2,767	0.63	1.092
29	26	4,968	2,534	0.51	1.008	4,824	2,460	0.51	1.061	4,752	2,424	0.51	1.092	4,608	2,350	0.51	1.124
30	18	4,230	4,357	1.03	0.840	4,050	4,172	1.03	0.882	3,888	4,005	1.03	0.924	3,744	3,856	1.03	0.966
30	20	4,410	4,013	0.91	0.882	4,230	3,849	0.91	0.935	4,104	3,735	0.91	0.956	3,960	3,604	0.91	0.998
30	22	4,590	3,626	0.79	0.914	4,428	3,498	0.79	0.971	4,320	3,413	0.79	0.998	4,140	3,271	0.79	1.040
30	24	4,824	3,232	0.67	0.956	4,644	3,111	0.67	1.008	4,536	3,039	0.67	1.040	4,392	2,943	0.67	1.092
30	26	4,968	2,732	0.55	1.008	4,824	2,653	0.55	1.061	4,752	2,614	0.55	1.092	4,608	2,534	0.55	1.124
31	18	4,230	4,526	1.07	0.840	4,050	4,334	1.07	0.882	3,888	4,160	1.07	0.924	3,744	4,006	1.07	0.966
31	20	4,410	4,190	0.95	0.882	4,230	4,019	0.95	0.935	4,104	3,899	0.95	0.956	3,960	3,762	0.95	0.998
31	22	4,590	3,810	0.83	0.914	4,428	3,675	0.83	0.971	4,320	3,586	0.83	0.998	4,140	3,436	0.83	1.040
31	24	4,824	3,425	0.71	0.956	4,644	3,297	0.71	1.008	4,536	3,221	0.71	1.040	4,392	3,118	0.71	1.092
31	26	4,968	2,931	0.59	1.008	4,824	2,846	0.59	1.061	4,752	2,804	0.59	1.092	4,608	2,719	0.59	1.124
32	18	4,230	4,695	1.11	0.840	4,050	4,496	1.11	0.882	3,888	4,316	1.11	0.924	3,744	4,156	1.11	0.966
32	20	4,410	4,366	0.99	0.882	4,230	4,188	0.99	0.935	4,104	4,063	0.99	0.956	3,960	3,920	0.99	0.998
32	22	4,590	3,993	0.87	0.914	4,428	3,852	0.87	0.971	4,320	3,758	0.87	0.998	4,140	3,602	0.87	1.040
32	24	4,824	3,618	0.75	0.956	4,644	3,483	0.75	1.008	4,536	3,402	0.75	1.040	4,392	3,294	0.75	1.092
32	26	4,968	3,130	0.63	1.008	4,824	3,039	0.63	1.061	4,752	2,994	0.63	1.092	4,608	2,903	0.63	1.124

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP35JAQ / SUZ-KA35VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3,528	2,364	0.67	1.029	3,240	2,171	0.67	1.092	2,988	2,002	0.67	1.134
21	20	3,708	2,039	0.55	1.071	3,456	1,901	0.55	1.124	3,204	1,762	0.55	1.187
22	18	3,528	2,505	0.71	1.029	3,240	2,300	0.71	1.092	2,988	2,121	0.71	1.134
22	20	3,708	2,188	0.59	1.071	3,456	2,039	0.59	1.124	3,204	1,890	0.59	1.187
22	22	3,924	1,844	0.47	1.113	3,672	1,726	0.47	1.176	3,420	1,607	0.47	1.218
23	18	3,528	2,646	0.75	1.029	3,240	2,430	0.75	1.092	2,988	2,241	0.75	1.134
23	20	3,708	2,336	0.63	1.071	3,456	2,177	0.63	1.124	3,204	2,019	0.63	1.187
23	22	3,924	2,001	0.51	1.113	3,672	1,873	0.51	1.176	3,420	1,744	0.51	1.218
24	18	3,528	2,787	0.79	1.029	3,240	2,560	0.79	1.092	2,988	2,361	0.79	1.134
24	20	3,708	2,484	0.67	1.071	3,456	2,316	0.67	1.124	3,204	2,147	0.67	1.187
24	22	3,924	2,158	0.55	1.113	3,672	2,020	0.55	1.176	3,420	1,881	0.55	1.218
24	24	4,140	1,780	0.43	1.155	3,888	1,672	0.43	1.208	3,672	1,579	0.43	1.260
25	20	3,708	2,633	0.71	1.071	3,456	2,454	0.71	1.124	3,204	2,275	0.71	1.187
25	22	3,924	2,315	0.59	1.113	3,672	2,166	0.59	1.176	3,420	2,018	0.59	1.218
25	24	4,140	1,946	0.47	1.155	3,888	1,827	0.47	1.208	3,672	1,726	0.47	1.260
26	18	3,528	3,069	0.87	1.029	3,240	2,819	0.87	1.092	2,988	2,600	0.87	1.134
26	20	3,708	2,781	0.75	1.071	3,456	2,592	0.75	1.124	3,204	2,403	0.75	1.187
26	22	3,924	2,472	0.63	1.113	3,672	2,313	0.63	1.176	3,420	2,155	0.63	1.218
26	24	4,140	2,111	0.51	1.155	3,888	1,983	0.51	1.208	3,672	1,873	0.51	1.260
26	26	4,356	1,699	0.39	1.197	4,104	1,601	0.39	1.250	3,852	1,502	0.39	1.302
27	18	3,528	3,210	0.91	1.029	3,240	2,948	0.91	1.092	2,988	2,719	0.91	1.134
27	20	3,708	2,929	0.79	1.071	3,456	2,730	0.79	1.124	3,204	2,531	0.79	1.187
27	22	3,924	2,629	0.67	1.113	3,672	2,460	0.67	1.176	3,420	2,291	0.67	1.218
27	24	4,140	2,277	0.55	1.155	3,888	2,138	0.55	1.208	3,672	2,020	0.55	1.260
27	26	4,356	1,873	0.43	1.197	4,104	1,765	0.43	1.250	3,852	1,656	0.43	1.302
28	18	3,528	3,352	0.95	1.029	3,240	3,078	0.95	1.092	2,988	2,839	0.95	1.134
28	20	3,708	3,078	0.83	1.071	3,456	2,868	0.83	1.124	3,204	2,659	0.83	1.187
28	22	3,924	2,786	0.71	1.113	3,672	2,607	0.71	1.176	3,420	2,428	0.71	1.218
28	24	4,140	2,443	0.59	1.155	3,888	2,294	0.59	1.208	3,672	2,166	0.59	1.260
28	26	4,356	2,047	0.47	1.197	4,104	1,929	0.47	1.250	3,852	1,810	0.47	1.302
29	18	3,528	3,493	0.99	1.029	3,240	3,208	0.99	1.092	2,988	2,958	0.99	1.134
29	20	3,708	3,226	0.87	1.071	3,456	3,007	0.87	1.124	3,204	2,787	0.87	1.187
29	22	3,924	2,943	0.75	1.113	3,672	2,754	0.75	1.176	3,420	2,565	0.75	1.218
29	24	4,140	2,608	0.63	1.155	3,888	2,449	0.63	1.208	3,672	2,313	0.63	1.260
29	26	4,356	2,222	0.51	1.197	4,104	2,093	0.51	1.250	3,852	1,965	0.51	1.302
30	18	3,528	3,634	1.03	1.029	3,240	3,337	1.03	1.092	2,988	3,078	1.03	1.134
30	20	3,708	3,374	0.91	1.071	3,456	3,145	0.91	1.124	3,204	2,916	0.91	1.187
30	22	3,924	3,100	0.79	1.113	3,672	2,901	0.79	1.176	3,420	2,702	0.79	1.218
30	24	4,140	2,774	0.67	1.155	3,888	2,605	0.67	1.208	3,672	2,460	0.67	1.260
30	26	4,356	2,396	0.55	1.197	4,104	2,257	0.55	1.250	3,852	2,119	0.55	1.302
31	18	3,528	3,775	1.07	1.029	3,240	3,467	1.07	1.092	2,988	3,197	1.07	1.134
31	20	3,708	3,523	0.95	1.071	3,456	3,283	0.95	1.124	3,204	3,044	0.95	1.187
31	22	3,924	3,257	0.83	1.113	3,672	3,048	0.83	1.176	3,420	2,839	0.83	1.218
31	24	4,140	2,939	0.71	1.155	3,888	2,760	0.71	1.208	3,672	2,607	0.71	1.260
31	26	4,356	2,570	0.59	1.197	4,104	2,421	0.59	1.250	3,852	2,273	0.59	1.302
32	18	3,528	3,916	1.11	1.029	3,240	3,596	1.11	1.092	2,988	3,317	1.11	1.134
32	20	3,708	3,671	0.99	1.071	3,456	3,421	0.99	1.124	3,204	3,172	0.99	1.187
32	22	3,924	3,414	0.87	1.113	3,672	3,195	0.87	1.176	3,420	2,975	0.87	1.218
32	24	4,140	3,105	0.75	1.155	3,888	2,916	0.75	1.208	3,672	2,754	0.75	1.260
32	26	4,356	2,744	0.63	1.197	4,104	2,586	0.63	1.250	3,852	2,427	0.63	1.302

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP50JAQ/ SUZ-KA50VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,758	3,858	0.67	1.184	5,513	3,693	0.67	1.243	5,292	3,546	0.67	1.302	5,096	3,414	0.67	1.362
21	20	6,003	3,301	0.55	1.243	5,758	3,167	0.55	1.317	5,586	3,072	0.55	1.347	5,390	2,965	0.55	1.406
22	18	5,758	4,088	0.71	1.184	5,513	3,914	0.71	1.243	5,292	3,757	0.71	1.302	5,096	3,618	0.71	1.362
22	20	6,003	3,541	0.59	1.243	5,758	3,397	0.59	1.317	5,586	3,296	0.59	1.347	5,390	3,180	0.59	1.406
22	22	6,248	2,936	0.47	1.288	6,027	2,833	0.47	1.369	5,880	2,764	0.47	1.406	5,635	2,648	0.47	1.465
23	18	5,758	4,318	0.75	1.184	5,513	4,134	0.75	1.243	5,292	3,969	0.75	1.302	5,096	3,822	0.75	1.362
23	20	6,003	3,782	0.63	1.243	5,758	3,627	0.63	1.317	5,586	3,519	0.63	1.347	5,390	3,396	0.63	1.406
23	22	6,248	3,186	0.51	1.288	6,027	3,074	0.51	1.369	5,880	2,999	0.51	1.406	5,635	2,874	0.51	1.465
24	18	5,758	4,548	0.79	1.184	5,513	4,355	0.79	1.243	5,292	4,181	0.79	1.302	5,096	4,026	0.79	1.362
24	20	6,003	4,022	0.67	1.243	5,758	3,858	0.67	1.317	5,586	3,743	0.67	1.347	5,390	3,611	0.67	1.406
24	22	6,248	3,436	0.55	1.288	6,027	3,315	0.55	1.369	5,880	3,234	0.55	1.406	5,635	3,099	0.55	1.465
24	24	6,566	2,823	0.43	1.347	6,321	2,718	0.43	1.421	6,174	2,655	0.43	1.465	5,978	2,571	0.43	1.539
25	20	6,003	4,262	0.71	1.243	5,758	4,088	0.71	1.317	5,586	3,966	0.71	1.347	5,390	3,827	0.71	1.406
25	22	6,248	3,686	0.59	1.288	6,027	3,556	0.59	1.369	5,880	3,469	0.59	1.406	5,635	3,325	0.59	1.465
25	24	6,566	3,086	0.47	1.347	6,321	2,971	0.47	1.421	6,174	2,902	0.47	1.465	5,978	2,810	0.47	1.539
26	18	5,758	5,009	0.87	1.184	5,513	4,796	0.87	1.243	5,292	4,604	0.87	1.302	5,096	4,434	0.87	1.362
26	20	6,003	4,502	0.75	1.243	5,758	4,318	0.75	1.317	5,586	4,190	0.75	1.347	5,390	4,043	0.75	1.406
26	22	6,248	3,936	0.63	1.288	6,027	3,797	0.63	1.369	5,880	3,704	0.63	1.406	5,635	3,550	0.63	1.465
26	24	6,566	3,349	0.51	1.347	6,321	3,224	0.51	1.421	6,174	3,149	0.51	1.465	5,978	3,049	0.51	1.539
26	26	6,762	2,637	0.39	1.421	6,566	2,561	0.39	1.495	6,468	2,523	0.39	1.539	6,272	2,446	0.39	1.584
27	18	5,758	5,239	0.91	1.184	5,513	5,016	0.91	1.243	5,292	4,816	0.91	1.302	5,096	4,637	0.91	1.362
27	20	6,003	4,742	0.79	1.243	5,758	4,548	0.79	1.317	5,586	4,413	0.79	1.347	5,390	4,258	0.79	1.406
27	22	6,248	4,186	0.67	1.288	6,027	4,038	0.67	1.369	5,880	3,940	0.67	1.406	5,635	3,775	0.67	1.465
27	24	6,566	3,611	0.55	1.347	6,321	3,477	0.55	1.421	6,174	3,396	0.55	1.465	5,978	3,288	0.55	1.539
27	26	6,762	2,908	0.43	1.421	6,566	2,823	0.43	1.495	6,468	2,781	0.43	1.539	6,272	2,697	0.43	1.584
28	18	5,758	5,470	0.95	1.184	5,513	5,237	0.95	1.243	5,292	5,027	0.95	1.302	5,096	4,841	0.95	1.362
28	20	6,003	4,982	0.83	1.243	5,758	4,779	0.83	1.317	5,586	4,636	0.83	1.347	5,390	4,474	0.83	1.406
28	22	6,248	4,436	0.71	1.288	6,027	4,279	0.71	1.369	5,880	4,175	0.71	1.406	5,635	4,001	0.71	1.465
28	24	6,566	3,874	0.59	1.347	6,321	3,729	0.59	1.421	6,174	3,643	0.59	1.465	5,978	3,527	0.59	1.539
28	26	6,762	3,178	0.47	1.421	6,566	3,086	0.47	1.495	6,468	3,040	0.47	1.539	6,272	2,948	0.47	1.584
29	18	5,758	5,700	0.99	1.184	5,513	5,457	0.99	1.243	5,292	5,239	0.99	1.302	5,096	5,045	0.99	1.362
29	20	6,003	5,222	0.87	1.243	5,758	5,009	0.87	1.317	5,586	4,860	0.87	1.347	5,390	4,689	0.87	1.406
29	22	6,248	4,686	0.75	1.288	6,027	4,520	0.75	1.369	5,880	4,410	0.75	1.406	5,635	4,226	0.75	1.465
29	24	6,566	4,137	0.63	1.347	6,321	3,982	0.63	1.421	6,174	3,890	0.63	1.465	5,978	3,766	0.63	1.539
29	26	6,762	3,449	0.51	1.421	6,566	3,349	0.51	1.495	6,468	3,299	0.51	1.539	6,272	3,199	0.51	1.584
30	18	5,758	5,930	1.03	1.184	5,513	5,678	1.03	1.243	5,292	5,451	1.03	1.302	5,096	5,249	1.03	1.362
30	20	6,003	5,462	0.91	1.243	5,758	5,239	0.91	1.317	5,586	5,083	0.91	1.347	5,390	4,905	0.91	1.406
30	22	6,248	4,936	0.79	1.288	6,027	4,761	0.79	1.369	5,880	4,645	0.79	1.406	5,635	4,452	0.79	1.465
30	24	6,566	4,399	0.67	1.347	6,321	4,235	0.67	1.421	6,174	4,137	0.67	1.465	5,978	4,005	0.67	1.539
30	26	6,762	3,719	0.55	1.421	6,566	3,611	0.55	1.495	6,468	3,557	0.55	1.539	6,272	3,450	0.55	1.584
31	18	5,758	6,161	1.07	1.184	5,513	5,898	1.07	1.243	5,292	5,662	1.07	1.302	5,096	5,453	1.07	1.362
31	20	6,003	5,702	0.95	1.243	5,758	5,470	0.95	1.317	5,586	5,307	0.95	1.347	5,390	5,121	0.95	1.406
31	22	6,248	5,185	0.83	1.288	6,027	5,002	0.83	1.369	5,880	4,880	0.83	1.406	5,635	4,677	0.83	1.465
31	24	6,566	4,662	0.71	1.347	6,321	4,488	0.71	1.421	6,174	4,384	0.71	1.465	5,978	4,244	0.71	1.539
31	26	6,762	3,990	0.59	1.421	6,566	3,874	0.59	1.495	6,468	3,816	0.59	1.539	6,272	3,700	0.59	1.584
32	18	5,758	6,391	1.11	1.184	5,513	6,119	1.11	1.243	5,292	5,874	1.11	1.302	5,096	5,657	1.11	1.362
32	20	6,003	5,942	0.99	1.243	5,758	5,700	0.99	1.317	5,586	5,530	0.99	1.347	5,390	5,336	0.99	1.406
32	22	6,248	5,435	0.87	1.288	6,027	5,243	0.87	1.369	5,880	5,116	0.87	1.406	5,635	4,902	0.87	1.465
32	24	6,566	4,925	0.75	1.347	6,321	4,741	0.75	1.421	6,174	4,631	0.75	1.465	5,978	4,484	0.75	1.539
32	26	6,762	4,260	0.63	1.421	6,566	4,137	0.63	1.495	6,468	4,075	0.63	1.539	6,272	3,951	0.63	1.584

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP50JAQ/ SUZ-KA50VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,802	3,217	0.67	1.450	4,410	2,955	0.67	1.539	4,067	2,725	0.67	1.598
21	20	5,047	2,776	0.55	1.510	4,704	2,587	0.55	1.584	4,361	2,399	0.55	1.672
22	18	4,802	3,409	0.71	1.450	4,410	3,131	0.71	1.539	4,067	2,888	0.71	1.598
22	20	5,047	2,978	0.59	1.510	4,704	2,775	0.59	1.584	4,361	2,573	0.59	1.672
22	22	5,341	2,510	0.47	1.569	4,998	2,349	0.47	1.658	4,655	2,188	0.47	1.717
23	18	4,802	3,602	0.75	1.450	4,410	3,308	0.75	1.539	4,067	3,050	0.75	1.598
23	20	5,047	3,180	0.63	1.510	4,704	2,964	0.63	1.584	4,361	2,747	0.63	1.672
23	22	5,341	2,724	0.51	1.569	4,998	2,549	0.51	1.658	4,655	2,374	0.51	1.717
24	18	4,802	3,794	0.79	1.450	4,410	3,484	0.79	1.539	4,067	3,213	0.79	1.598
24	20	5,047	3,381	0.67	1.510	4,704	3,152	0.67	1.584	4,361	2,922	0.67	1.672
24	22	5,341	2,938	0.55	1.569	4,998	2,749	0.55	1.658	4,655	2,560	0.55	1.717
24	24	5,635	2,423	0.43	1.628	5,292	2,276	0.43	1.702	4,998	2,149	0.43	1.776
25	20	5,047	3,583	0.71	1.510	4,704	3,340	0.71	1.584	4,361	3,096	0.71	1.672
25	22	5,341	3,151	0.59	1.569	4,998	2,949	0.59	1.658	4,655	2,746	0.59	1.717
25	24	5,635	2,648	0.47	1.628	5,292	2,487	0.47	1.702	4,998	2,349	0.47	1.776
26	18	4,802	4,178	0.87	1.450	4,410	3,837	0.87	1.539	4,067	3,538	0.87	1.598
26	20	5,047	3,785	0.75	1.510	4,704	3,528	0.75	1.584	4,361	3,271	0.75	1.672
26	22	5,341	3,365	0.63	1.569	4,998	3,149	0.63	1.658	4,655	2,933	0.63	1.717
26	24	5,635	2,874	0.51	1.628	5,292	2,699	0.51	1.702	4,998	2,549	0.51	1.776
26	26	5,929	2,312	0.39	1.687	5,586	2,179	0.39	1.761	5,243	2,045	0.39	1.835
27	18	4,802	4,370	0.91	1.450	4,410	4,013	0.91	1.539	4,067	3,701	0.91	1.598
27	20	5,047	3,987	0.79	1.510	4,704	3,716	0.79	1.584	4,361	3,445	0.79	1.672
27	22	5,341	3,578	0.67	1.569	4,998	3,349	0.67	1.658	4,655	3,119	0.67	1.717
27	24	5,635	3,099	0.55	1.628	5,292	2,911	0.55	1.702	4,998	2,749	0.55	1.776
27	26	5,929	2,549	0.43	1.687	5,586	2,402	0.43	1.761	5,243	2,254	0.43	1.835
28	18	4,802	4,562	0.95	1.450	4,410	4,190	0.95	1.539	4,067	3,864	0.95	1.598
28	20	5,047	4,189	0.83	1.510	4,704	3,904	0.83	1.584	4,361	3,620	0.83	1.672
28	22	5,341	3,792	0.71	1.569	4,998	3,549	0.71	1.658	4,655	3,305	0.71	1.717
28	24	5,635	3,325	0.59	1.628	5,292	3,122	0.59	1.702	4,998	2,949	0.59	1.776
28	26	5,929	2,787	0.47	1.687	5,586	2,625	0.47	1.761	5,243	2,464	0.47	1.835
29	18	4,802	4,754	0.99	1.450	4,410	4,366	0.99	1.539	4,067	4,026	0.99	1.598
29	20	5,047	4,391	0.87	1.510	4,704	4,092	0.87	1.584	4,361	3,794	0.87	1.672
29	22	5,341	4,006	0.75	1.569	4,998	3,749	0.75	1.658	4,655	3,491	0.75	1.717
29	24	5,635	3,550	0.63	1.628	5,292	3,334	0.63	1.702	4,998	3,149	0.63	1.776
29	26	5,929	3,024	0.51	1.687	5,586	2,849	0.51	1.761	5,243	2,674	0.51	1.835
30	18	4,802	4,946	1.03	1.450	4,410	4,542	1.03	1.539	4,067	4,189	1.03	1.598
30	20	5,047	4,593	0.91	1.510	4,704	4,281	0.91	1.584	4,361	3,969	0.91	1.672
30	22	5,341	4,219	0.79	1.569	4,998	3,948	0.79	1.658	4,655	3,677	0.79	1.717
30	24	5,635	3,775	0.67	1.628	5,292	3,546	0.67	1.702	4,998	3,349	0.67	1.776
30	26	5,929	3,261	0.55	1.687	5,586	3,072	0.55	1.761	5,243	2,884	0.55	1.835
31	18	4,802	5,138	1.07	1.450	4,410	4,719	1.07	1.539	4,067	4,352	1.07	1.598
31	20	5,047	4,795	0.95	1.510	4,704	4,469	0.95	1.584	4,361	4,143	0.95	1.672
31	22	5,341	4,433	0.83	1.569	4,998	4,148	0.83	1.658	4,655	3,864	0.83	1.717
31	24	5,635	4,001	0.71	1.628	5,292	3,757	0.71	1.702	4,998	3,549	0.71	1.776
31	26	5,929	3,498	0.59	1.687	5,586	3,296	0.59	1.761	5,243	3,093	0.59	1.835
32	18	4,802	5,330	1.11	1.450	4,410	4,895	1.11	1.539	4,067	4,514	1.11	1.598
32	20	5,047	4,997	0.99	1.510	4,704	4,657	0.99	1.584	4,361	4,317	0.99	1.672
32	22	5,341	4,647	0.87	1.569	4,998	4,348	0.87	1.658	4,655	4,050	0.87	1.717
32	24	5,635	4,226	0.75	1.628	5,292	3,969	0.75	1.702	4,998	3,749	0.75	1.776
32	26	5,929	3,735	0.63	1.687	5,586	3,519	0.63	1.761	5,243	3,303	0.63	1.835

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP60JAQ / SUZ-KA60VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,698	4,554	0.68	1.336	6,413	4,361	0.68	1.403	6,156	4,186	0.68	1.470	5,928	4,031	0.68	1.536
21	20	6,983	3,910	0.56	1.403	6,698	3,751	0.56	1.486	6,498	3,639	0.56	1.520	6,270	3,511	0.56	1.587
22	18	6,698	4,822	0.72	1.336	6,413	4,617	0.72	1.403	6,156	4,432	0.72	1.470	5,928	4,268	0.72	1.536
22	20	6,983	4,190	0.60	1.403	6,698	4,019	0.60	1.486	6,498	3,899	0.60	1.520	6,270	3,762	0.60	1.587
22	22	7,268	3,488	0.48	1.453	7,011	3,365	0.48	1.545	6,840	3,283	0.48	1.587	6,555	3,146	0.48	1.653
23	18	6,698	5,090	0.76	1.336	6,413	4,874	0.76	1.403	6,156	4,679	0.76	1.470	5,928	4,505	0.76	1.536
23	20	6,983	4,469	0.64	1.403	6,698	4,286	0.64	1.486	6,498	4,159	0.64	1.520	6,270	4,013	0.64	1.587
23	22	7,268	3,779	0.52	1.453	7,011	3,646	0.52	1.545	6,840	3,557	0.52	1.587	6,555	3,409	0.52	1.653
24	18	6,698	5,358	0.80	1.336	6,413	5,130	0.80	1.403	6,156	4,925	0.80	1.470	5,928	4,742	0.80	1.536
24	20	6,983	4,748	0.68	1.403	6,698	4,554	0.68	1.486	6,498	4,419	0.68	1.520	6,270	4,264	0.68	1.587
24	22	7,268	4,070	0.56	1.453	7,011	3,926	0.56	1.545	6,840	3,830	0.56	1.587	6,555	3,671	0.56	1.653
24	24	7,638	3,361	0.44	1.520	7,353	3,235	0.44	1.603	7,182	3,160	0.44	1.653	6,954	3,060	0.44	1.737
25	20	6,983	5,027	0.72	1.403	6,698	4,822	0.72	1.486	6,498	4,679	0.72	1.520	6,270	4,514	0.72	1.587
25	22	7,268	4,361	0.60	1.453	7,011	4,207	0.60	1.545	6,840	4,104	0.60	1.587	6,555	3,933	0.60	1.653
25	24	7,638	3,666	0.48	1.520	7,353	3,529	0.48	1.603	7,182	3,447	0.48	1.653	6,954	3,338	0.48	1.737
26	18	6,698	5,894	0.88	1.336	6,413	5,643	0.88	1.403	6,156	5,417	0.88	1.470	5,928	5,217	0.88	1.536
26	20	6,983	5,307	0.76	1.403	6,698	5,090	0.76	1.486	6,498	4,938	0.76	1.520	6,270	4,765	0.76	1.587
26	22	7,268	4,651	0.64	1.453	7,011	4,487	0.64	1.545	6,840	4,378	0.64	1.587	6,555	4,195	0.64	1.653
26	24	7,638	3,972	0.52	1.520	7,353	3,824	0.52	1.603	7,182	3,735	0.52	1.653	6,954	3,616	0.52	1.737
26	26	7,866	3,146	0.40	1.603	7,638	3,055	0.40	1.687	7,524	3,010	0.40	1.737	7,296	2,918	0.40	1.787
27	18	6,698	6,162	0.92	1.336	6,413	5,900	0.92	1.403	6,156	5,664	0.92	1.470	5,928	5,454	0.92	1.536
27	20	6,983	5,586	0.80	1.403	6,698	5,358	0.80	1.486	6,498	5,198	0.80	1.520	6,270	5,016	0.80	1.587
27	22	7,268	4,942	0.68	1.453	7,011	4,767	0.68	1.545	6,840	4,651	0.68	1.587	6,555	4,457	0.68	1.653
27	24	7,638	4,277	0.56	1.520	7,353	4,118	0.56	1.603	7,182	4,022	0.56	1.653	6,954	3,894	0.56	1.737
27	26	7,866	3,461	0.44	1.603	7,638	3,361	0.44	1.687	7,524	3,311	0.44	1.737	7,296	3,210	0.44	1.787
28	18	6,698	6,430	0.96	1.336	6,413	6,156	0.96	1.403	6,156	5,910	0.96	1.470	5,928	5,691	0.96	1.536
28	20	6,983	5,865	0.84	1.403	6,698	5,626	0.84	1.486	6,498	5,458	0.84	1.520	6,270	5,267	0.84	1.587
28	22	7,268	5,233	0.72	1.453	7,011	5,048	0.72	1.545	6,840	4,925	0.72	1.587	6,555	4,720	0.72	1.653
28	24	7,638	4,583	0.60	1.520	7,353	4,412	0.60	1.603	7,182	4,309	0.60	1.653	6,954	4,172	0.60	1.737
28	26	7,866	3,776	0.48	1.603	7,638	3,666	0.48	1.687	7,524	3,612	0.48	1.737	7,296	3,502	0.48	1.787
29	18	6,698	6,698	1.00	1.336	6,413	6,413	1.00	1.403	6,156	6,156	1.00	1.470	5,928	5,928	1.00	1.536
29	20	6,983	6,145	0.88	1.403	6,698	5,894	0.88	1.486	6,498	5,718	0.88	1.520	6,270	5,518	0.88	1.587
29	22	7,268	5,523	0.76	1.453	7,011	5,328	0.76	1.545	6,840	5,198	0.76	1.587	6,555	4,982	0.76	1.653
29	24	7,638	4,888	0.64	1.520	7,353	4,706	0.64	1.603	7,182	4,596	0.64	1.653	6,954	4,451	0.64	1.737
29	26	7,866	4,090	0.52	1.603	7,638	3,972	0.52	1.687	7,524	3,912	0.52	1.737	7,296	3,794	0.52	1.787
30	18	6,698	6,965	1.04	1.336	6,413	6,669	1.04	1.403	6,156	6,402	1.04	1.470	5,928	6,165	1.04	1.536
30	20	6,983	6,424	0.92	1.403	6,698	6,162	0.92	1.486	6,498	5,978	0.92	1.520	6,270	5,768	0.92	1.587
30	22	7,268	5,814	0.80	1.453	7,011	5,609	0.80	1.545	6,840	5,472	0.80	1.587	6,555	5,244	0.80	1.653
30	24	7,638	5,194	0.68	1.520	7,353	5,000	0.68	1.603	7,182	4,884	0.68	1.653	6,954	4,729	0.68	1.737
30	26	7,866	4,405	0.56	1.603	7,638	4,277	0.56	1.687	7,524	4,213	0.56	1.737	7,296	4,086	0.56	1.787
31	18	6,698	7,233	1.08	1.336	6,413	6,926	1.08	1.403	6,156	6,648	1.08	1.470	5,928	6,402	1.08	1.536
31	20	6,983	6,703	0.96	1.403	6,698	6,430	0.96	1.486	6,498	6,238	0.96	1.520	6,270	6,019	0.96	1.587
31	22	7,268	6,105	0.84	1.453	7,011	5,889	0.84	1.545	6,840	5,746	0.84	1.587	6,555	5,506	0.84	1.653
31	24	7,638	5,499	0.72	1.520	7,353	5,294	0.72	1.603	7,182	5,171	0.72	1.653	6,954	5,007	0.72	1.737
31	26	7,866	4,720	0.60	1.603	7,638	4,583	0.60	1.687	7,524	4,514	0.60	1.737	7,296	4,378	0.60	1.787
32	18	6,698	7,501	1.12	1.336	6,413	7,182	1.12	1.403	6,156	6,895	1.12	1.470	5,928	6,639	1.12	1.536
32	20	6,983	6,983	1.00	1.403	6,698	6,698	1.00	1.486	6,498	6,498	1.00	1.520	6,270	6,270	1.00	1.587
32	22	7,268	6,395	0.88	1.453	7,011	6,170	0.88	1.545	6,840	6,019	0.88	1.587	6,555	5,768	0.88	1.653
32	24	7,638	5,805	0.76	1.520	7,353	5,588	0.76	1.603	7,182	5,458	0.76	1.653	6,954	5,285	0.76	1.737
32	26	7,866	5,034	0.64	1.603	7,638	4,888	0.64	1.687	7,524	4,815	0.64	1.737	7,296	4,669	0.64	1.787

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP60JAQ / SUZ-KA60VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,586	3,798	0.68	1.637	5,130	3,488	0.68	1.737	4,731	3,217	0.68	1.804
21	20	5,871	3,288	0.56	1.703	5,472	3,064	0.56	1.787	5,073	2,841	0.56	1.887
22	18	5,586	4,022	0.72	1.637	5,130	3,694	0.72	1.737	4,731	3,406	0.72	1.804
22	20	5,871	3,523	0.60	1.703	5,472	3,283	0.60	1.787	5,073	3,044	0.60	1.887
22	22	6,213	2,982	0.48	1.770	5,814	2,791	0.48	1.870	5,415	2,599	0.48	1.937
23	18	5,586	4,245	0.76	1.637	5,130	3,899	0.76	1.737	4,731	3,596	0.76	1.804
23	20	5,871	3,757	0.64	1.703	5,472	3,502	0.64	1.787	5,073	3,247	0.64	1.887
23	22	6,213	3,231	0.52	1.770	5,814	3,023	0.52	1.870	5,415	2,816	0.52	1.937
24	18	5,586	4,469	0.80	1.637	5,130	4,104	0.80	1.737	4,731	3,785	0.80	1.804
24	20	5,871	3,992	0.68	1.703	5,472	3,721	0.68	1.787	5,073	3,450	0.68	1.887
24	22	6,213	3,479	0.56	1.770	5,814	3,256	0.56	1.870	5,415	3,032	0.56	1.937
24	24	6,555	2,884	0.44	1.837	6,156	2,709	0.44	1.921	5,814	2,558	0.44	2.004
25	20	5,871	4,227	0.72	1.703	5,472	3,940	0.72	1.787	5,073	3,653	0.72	1.887
25	22	6,213	3,728	0.60	1.770	5,814	3,488	0.60	1.870	5,415	3,249	0.60	1.937
25	24	6,555	3,146	0.48	1.837	6,156	2,955	0.48	1.921	5,814	2,791	0.48	2.004
26	18	5,586	4,916	0.88	1.637	5,130	4,514	0.88	1.737	4,731	4,163	0.88	1.804
26	20	5,871	4,462	0.76	1.703	5,472	4,159	0.76	1.787	5,073	3,855	0.76	1.887
26	22	6,213	3,976	0.64	1.770	5,814	3,721	0.64	1.870	5,415	3,466	0.64	1.937
26	24	6,555	3,409	0.52	1.837	6,156	3,201	0.52	1.921	5,814	3,023	0.52	2.004
26	26	6,897	2,759	0.40	1.904	6,498	2,599	0.40	1.987	6,099	2,440	0.40	2.071
27	18	5,586	5,139	0.92	1.637	5,130	4,720	0.92	1.737	4,731	4,353	0.92	1.804
27	20	5,871	4,697	0.80	1.703	5,472	4,378	0.80	1.787	5,073	4,058	0.80	1.887
27	22	6,213	4,225	0.68	1.770	5,814	3,954	0.68	1.870	5,415	3,682	0.68	1.937
27	24	6,555	3,671	0.56	1.837	6,156	3,447	0.56	1.921	5,814	3,256	0.56	2.004
27	26	6,897	3,035	0.44	1.904	6,498	2,859	0.44	1.987	6,099	2,684	0.44	2.071
28	18	5,586	5,363	0.96	1.637	5,130	4,925	0.96	1.737	4,731	4,542	0.96	1.804
28	20	5,871	4,932	0.84	1.703	5,472	4,596	0.84	1.787	5,073	4,261	0.84	1.887
28	22	6,213	4,473	0.72	1.770	5,814	4,186	0.72	1.870	5,415	3,899	0.72	1.937
28	24	6,555	3,933	0.60	1.837	6,156	3,694	0.60	1.921	5,814	3,488	0.60	2.004
28	26	6,897	3,311	0.48	1.904	6,498	3,119	0.48	1.987	6,099	2,928	0.48	2.071
29	18	5,586	5,586	1.00	1.637	5,130	5,130	1.00	1.737	4,731	4,731	1.00	1.804
29	20	5,871	5,166	0.88	1.703	5,472	4,815	0.88	1.787	5,073	4,464	0.88	1.887
29	22	6,213	4,722	0.76	1.770	5,814	4,419	0.76	1.870	5,415	4,115	0.76	1.937
29	24	6,555	4,195	0.64	1.837	6,156	3,940	0.64	1.921	5,814	3,721	0.64	2.004
29	26	6,897	3,586	0.52	1.904	6,498	3,379	0.52	1.987	6,099	3,171	0.52	2.071
30	18	5,586	5,809	1.04	1.637	5,130	5,335	1.04	1.737	4,731	4,920	1.04	1.804
30	20	5,871	5,401	0.92	1.703	5,472	5,034	0.92	1.787	5,073	4,667	0.92	1.887
30	22	6,213	4,970	0.80	1.770	5,814	4,651	0.80	1.870	5,415	4,332	0.80	1.937
30	24	6,555	4,457	0.68	1.837	6,156	4,186	0.68	1.921	5,814	3,954	0.68	2.004
30	26	6,897	3,862	0.56	1.904	6,498	3,639	0.56	1.987	6,099	3,415	0.56	2.071
31	18	5,586	6,033	1.08	1.637	5,130	5,540	1.08	1.737	4,731	5,109	1.08	1.804
31	20	5,871	5,636	0.96	1.703	5,472	5,253	0.96	1.787	5,073	4,870	0.96	1.887
31	22	6,213	5,219	0.84	1.770	5,814	4,884	0.84	1.870	5,415	4,549	0.84	1.937
31	24	6,555	4,720	0.72	1.837	6,156	4,432	0.72	1.921	5,814	4,186	0.72	2.004
31	26	6,897	4,138	0.60	1.904	6,498	3,899	0.60	1.987	6,099	3,659	0.60	2.071
32	18	5,586	6,256	1.12	1.637	5,130	5,746	1.12	1.737	4,731	5,299	1.12	1.804
32	20	5,871	5,871	1.00	1.703	5,472	5,472	1.00	1.787	5,073	5,073	1.00	1.887
32	22	6,213	5,467	0.88	1.770	5,814	5,116	0.88	1.870	5,415	4,765	0.88	1.937
32	24	6,555	4,982	0.76	1.837	6,156	4,679	0.76	1.921	5,814	4,419	0.76	2.004
32	26	6,897	4,414	0.64	1.904	6,498	4,159	0.64	1.987	6,099	3,903	0.64	2.071

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP71JAQ / SUZ-KA71VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	5,423	0.65	1.664	7,988	5,192	0.65	1.747	7,668	4,984	0.65	1.830	7,384	4,800	0.65	1.914
21	20	8,698	4,610	0.53	1.747	8,343	4,422	0.53	1.851	8,094	4,290	0.53	1.893	7,810	4,139	0.53	1.976
22	18	8,343	5,756	0.69	1.664	7,988	5,511	0.69	1.747	7,668	5,291	0.69	1.830	7,384	5,095	0.69	1.914
22	20	8,698	4,958	0.57	1.747	8,343	4,755	0.57	1.851	8,094	4,614	0.57	1.893	7,810	4,452	0.57	1.976
22	22	9,053	4,074	0.45	1.810	8,733	3,930	0.45	1.924	8,520	3,834	0.45	1.976	8,165	3,674	0.45	2.059
23	18	8,343	6,090	0.73	1.664	7,988	5,831	0.73	1.747	7,668	5,598	0.73	1.830	7,384	5,390	0.73	1.914
23	20	8,698	5,305	0.61	1.747	8,343	5,089	0.61	1.851	8,094	4,937	0.61	1.893	7,810	4,764	0.61	1.976
23	22	9,053	4,436	0.49	1.810	8,733	4,279	0.49	1.924	8,520	4,175	0.49	1.976	8,165	4,001	0.49	2.059
24	18	8,343	6,424	0.77	1.664	7,988	6,150	0.77	1.747	7,668	5,904	0.77	1.830	7,384	5,686	0.77	1.914
24	20	8,698	5,653	0.65	1.747	8,343	5,423	0.65	1.851	8,094	5,261	0.65	1.893	7,810	5,077	0.65	1.976
24	22	9,053	4,798	0.53	1.810	8,733	4,628	0.53	1.924	8,520	4,516	0.53	1.976	8,165	4,327	0.53	2.059
24	24	9,514	3,901	0.41	1.893	9,159	3,755	0.41	1.997	8,946	3,668	0.41	2.059	8,662	3,551	0.41	2.163
25	20	8,698	6,001	0.69	1.747	8,343	5,756	0.69	1.851	8,094	5,585	0.69	1.893	7,810	5,389	0.69	1.976
25	22	9,053	5,160	0.57	1.810	8,733	4,978	0.57	1.924	8,520	4,856	0.57	1.976	8,165	4,654	0.57	2.059
25	24	9,514	4,281	0.45	1.893	9,159	4,122	0.45	1.997	8,946	4,026	0.45	2.059	8,662	3,898	0.45	2.163
26	18	8,343	7,091	0.85	1.664	7,988	6,789	0.85	1.747	7,668	6,518	0.85	1.830	7,384	6,276	0.85	1.914
26	20	8,698	6,349	0.73	1.747	8,343	6,090	0.73	1.851	8,094	5,909	0.73	1.893	7,810	5,701	0.73	1.976
26	22	9,053	5,522	0.61	1.810	8,733	5,327	0.61	1.924	8,520	5,197	0.61	1.976	8,165	4,981	0.61	2.059
26	24	9,514	4,662	0.49	1.893	9,159	4,488	0.49	1.997	8,946	4,384	0.49	2.059	8,662	4,244	0.49	2.163
26	26	9,798	3,625	0.37	1.997	9,514	3,520	0.37	2.101	9,372	3,468	0.37	2.163	9,088	3,363	0.37	2.226
27	18	8,343	7,425	0.89	1.664	7,988	7,109	0.89	1.747	7,668	6,825	0.89	1.830	7,384	6,572	0.89	1.914
27	20	8,698	6,697	0.77	1.747	8,343	6,424	0.77	1.851	8,094	6,232	0.77	1.893	7,810	6,014	0.77	1.976
27	22	9,053	5,884	0.65	1.810	8,733	5,676	0.65	1.924	8,520	5,538	0.65	1.976	8,165	5,307	0.65	2.059
27	24	9,514	5,042	0.53	1.893	9,159	4,854	0.53	1.997	8,946	4,741	0.53	2.059	8,662	4,591	0.53	2.163
27	26	9,798	4,017	0.41	1.997	9,514	3,901	0.41	2.101	9,372	3,843	0.41	2.163	9,088	3,726	0.41	2.226
28	18	8,343	7,759	0.93	1.664	7,988	7,428	0.93	1.747	7,668	7,131	0.93	1.830	7,384	6,867	0.93	1.914
28	20	8,698	7,045	0.81	1.747	8,343	6,757	0.81	1.851	8,094	6,556	0.81	1.893	7,810	6,326	0.81	1.976
28	22	9,053	6,246	0.69	1.810	8,733	6,026	0.69	1.924	8,520	5,879	0.69	1.976	8,165	5,634	0.69	2.059
28	24	9,514	5,423	0.57	1.893	9,159	5,221	0.57	1.997	8,946	5,099	0.57	2.059	8,662	4,937	0.57	2.163
28	26	9,798	4,409	0.45	1.997	9,514	4,281	0.45	2.101	9,372	4,217	0.45	2.163	9,088	4,090	0.45	2.226
29	18	8,343	8,092	0.97	1.664	7,988	7,748	0.97	1.747	7,668	7,438	0.97	1.830	7,384	7,162	0.97	1.914
29	20	8,698	7,393	0.85	1.747	8,343	7,091	0.85	1.851	8,094	6,880	0.85	1.893	7,810	6,639	0.85	1.976
29	22	9,053	6,608	0.73	1.810	8,733	6,375	0.73	1.924	8,520	6,220	0.73	1.976	8,165	5,960	0.73	2.059
29	24	9,514	5,804	0.61	1.893	9,159	5,587	0.61	1.997	8,946	5,457	0.61	2.059	8,662	5,284	0.61	2.163
29	26	9,798	4,801	0.49	1.997	9,514	4,662	0.49	2.101	9,372	4,592	0.49	2.163	9,088	4,453	0.49	2.226
30	18	8,343	8,426	1.01	1.664	7,988	8,067	1.01	1.747	7,668	7,745	1.01	1.830	7,384	7,458	1.01	1.914
30	20	8,698	7,741	0.89	1.747	8,343	7,425	0.89	1.851	8,094	7,204	0.89	1.893	7,810	6,951	0.89	1.976
30	22	9,053	6,970	0.77	1.810	8,733	6,724	0.77	1.924	8,520	6,560	0.77	1.976	8,165	6,287	0.77	2.059
30	24	9,514	6,184	0.65	1.893	9,159	5,953	0.65	1.997	8,946	5,815	0.65	2.059	8,662	5,630	0.65	2.163
30	26	9,798	5,193	0.53	1.997	9,514	5,042	0.53	2.101	9,372	4,967	0.53	2.163	9,088	4,817	0.53	2.226
31	18	8,343	8,760	1.05	1.664	7,988	8,387	1.05	1.747	7,668	8,051	1.05	1.830	7,384	7,753	1.05	1.914
31	20	8,698	8,089	0.93	1.747	8,343	7,759	0.93	1.851	8,094	7,527	0.93	1.893	7,810	7,263	0.93	1.976
31	22	9,053	7,333	0.81	1.810	8,733	7,074	0.81	1.924	8,520	6,901	0.81	1.976	8,165	6,614	0.81	2.059
31	24	9,514	6,565	0.69	1.893	9,159	6,320	0.69	1.997	8,946	6,173	0.69	2.059	8,662	5,977	0.69	2.163
31	26	9,798	5,585	0.57	1.997	9,514	5,423	0.57	2.101	9,372	5,342	0.57	2.163	9,088	5,180	0.57	2.226
32	18	8,343	9,093	1.09	1.664	7,988	8,706	1.09	1.747	7,668	8,358	1.09	1.830	7,384	8,049	1.09	1.914
32	20	8,698	8,437	0.97	1.747	8,343	8,092	0.97	1.851	8,094	7,851	0.97	1.893	7,810	7,576	0.97	1.976
32	22	9,053	7,695	0.85	1.810	8,733	7,423	0.85	1.924	8,520	7,242	0.85	1.976	8,165	6,940	0.85	2.059
32	24	9,514	6,945	0.73	1.893	9,159	6,686	0.73	1.997	8,946	6,531	0.73	2.059	8,662	6,323	0.73	2.163
32	26	9,798	5,977	0.61	1.997	9,514	5,804	0.61	2.101	9,372	5,717	0.61	2.163	9,088	5,544	0.61	2.226

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP71JAQ / SUZ-KA71VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,523	0.65	2.038	6,390	4,154	0.65	2.163	5,893	3,830	0.65	2.246
21	20	7,313	3,876	0.53	2.122	6,816	3,612	0.53	2.226	6,319	3,349	0.53	2.350
22	18	6,958	4,801	0.69	2.038	6,390	4,409	0.69	2.163	5,893	4,066	0.69	2.246
22	20	7,313	4,168	0.57	2.122	6,816	3,885	0.57	2.226	6,319	3,602	0.57	2.350
22	22	7,739	3,483	0.45	2.205	7,242	3,259	0.45	2.330	6,745	3,035	0.45	2.413
23	18	6,958	5,079	0.73	2.038	6,390	4,665	0.73	2.163	5,893	4,302	0.73	2.246
23	20	7,313	4,461	0.61	2.122	6,816	4,158	0.61	2.226	6,319	3,855	0.61	2.350
23	22	7,739	3,792	0.49	2.205	7,242	3,549	0.49	2.330	6,745	3,305	0.49	2.413
24	18	6,958	5,358	0.77	2.038	6,390	4,920	0.77	2.163	5,893	4,538	0.77	2.246
24	20	7,313	4,753	0.65	2.122	6,816	4,430	0.65	2.226	6,319	4,107	0.65	2.350
24	22	7,739	4,102	0.53	2.205	7,242	3,838	0.53	2.330	6,745	3,575	0.53	2.413
24	24	8,165	3,348	0.41	2.288	7,668	3,144	0.41	2.392	7,242	2,969	0.41	2.496
25	20	7,313	5,046	0.69	2.122	6,816	4,703	0.69	2.226	6,319	4,360	0.69	2.350
25	22	7,739	4,411	0.57	2.205	7,242	4,128	0.57	2.330	6,745	3,845	0.57	2.413
25	24	8,165	3,674	0.45	2.288	7,668	3,451	0.45	2.392	7,242	3,259	0.45	2.496
26	18	6,958	5,914	0.85	2.038	6,390	5,432	0.85	2.163	5,893	5,009	0.85	2.246
26	20	7,313	5,338	0.73	2.122	6,816	4,976	0.73	2.226	6,319	4,613	0.73	2.350
26	22	7,739	4,721	0.61	2.205	7,242	4,418	0.61	2.330	6,745	4,114	0.61	2.413
26	24	8,165	4,001	0.49	2.288	7,668	3,757	0.49	2.392	7,242	3,549	0.49	2.496
26	26	8,591	3,179	0.37	2.371	8,094	2,995	0.37	2.475	7,597	2,811	0.37	2.579
27	18	6,958	6,193	0.89	2.038	6,390	5,687	0.89	2.163	5,893	5,245	0.89	2.246
27	20	7,313	5,631	0.77	2.122	6,816	5,248	0.77	2.226	6,319	4,866	0.77	2.350
27	22	7,739	5,030	0.65	2.205	7,242	4,707	0.65	2.330	6,745	4,384	0.65	2.413
27	24	8,165	4,327	0.53	2.288	7,668	4,064	0.53	2.392	7,242	3,838	0.53	2.496
27	26	8,591	3,522	0.41	2.371	8,094	3,319	0.41	2.475	7,597	3,115	0.41	2.579
28	18	6,958	6,471	0.93	2.038	6,390	5,943	0.93	2.163	5,893	5,480	0.93	2.246
28	20	7,313	5,924	0.81	2.122	6,816	5,521	0.81	2.226	6,319	5,118	0.81	2.350
28	22	7,739	5,340	0.69	2.205	7,242	4,997	0.69	2.330	6,745	4,654	0.69	2.413
28	24	8,165	4,654	0.57	2.288	7,668	4,371	0.57	2.392	7,242	4,128	0.57	2.496
28	26	8,591	3,866	0.45	2.371	8,094	3,642	0.45	2.475	7,597	3,419	0.45	2.579
29	18	6,958	6,749	0.97	2.038	6,390	6,198	0.97	2.163	5,893	5,716	0.97	2.246
29	20	7,313	6,216	0.85	2.122	6,816	5,794	0.85	2.226	6,319	5,371	0.85	2.350
29	22	7,739	5,649	0.73	2.205	7,242	5,287	0.73	2.330	6,745	4,924	0.73	2.413
29	24	8,165	4,981	0.61	2.288	7,668	4,677	0.61	2.392	7,242	4,418	0.61	2.496
29	26	8,591	4,210	0.49	2.371	8,094	3,966	0.49	2.475	7,597	3,723	0.49	2.579
30	18	6,958	7,028	1.01	2.038	6,390	6,454	1.01	2.163	5,893	5,952	1.01	2.246
30	20	7,313	6,509	0.89	2.122	6,816	6,066	0.89	2.226	6,319	5,624	0.89	2.350
30	22	7,739	5,959	0.77	2.205	7,242	5,576	0.77	2.330	6,745	5,194	0.77	2.413
30	24	8,165	5,307	0.65	2.288	7,668	4,984	0.65	2.392	7,242	4,707	0.65	2.496
30	26	8,591	4,553	0.53	2.371	8,094	4,290	0.53	2.475	7,597	4,026	0.53	2.579
31	18	6,958	7,306	1.05	2.038	6,390	6,710	1.05	2.163	5,893	6,188	1.05	2.246
31	20	7,313	6,801	0.93	2.122	6,816	6,339	0.93	2.226	6,319	5,877	0.93	2.350
31	22	7,739	6,269	0.81	2.205	7,242	5,866	0.81	2.330	6,745	5,463	0.81	2.413
31	24	8,165	5,634	0.69	2.288	7,668	5,291	0.69	2.392	7,242	4,997	0.69	2.496
31	26	8,591	4,897	0.57	2.371	8,094	4,614	0.57	2.475	7,597	4,330	0.57	2.579
32	18	6,958	7,584	1.09	2.038	6,390	6,965	1.09	2.163	5,893	6,423	1.09	2.246
32	20	7,313	7,094	0.97	2.122	6,816	6,612	0.97	2.226	6,319	6,129	0.97	2.350
32	22	7,739	6,578	0.85	2.205	7,242	6,156	0.85	2.330	6,745	5,733	0.85	2.413
32	24	8,165	5,960	0.73	2.288	7,668	5,598	0.73	2.392	7,242	5,287	0.73	2.496
32	26	8,591	5,241	0.61	2.371	8,094	4,937	0.61	2.475	7,597	4,634	0.61	2.579

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP35JALQ / SUZ-KA35VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,230	2,834	0.67	0.824	4,050	2,714	0.67	0.865	3,888	2,605	0.67	0.906	3,744	2,508	0.67	0.948
21	20	4,410	2,426	0.55	0.865	4,230	2,327	0.55	0.917	4,104	2,257	0.55	0.937	3,960	2,178	0.55	0.979
22	18	4,230	3,003	0.71	0.824	4,050	2,876	0.71	0.865	3,888	2,760	0.71	0.906	3,744	2,658	0.71	0.948
22	20	4,410	2,602	0.59	0.865	4,230	2,496	0.59	0.917	4,104	2,421	0.59	0.937	3,960	2,336	0.59	0.979
22	22	4,590	2,157	0.47	0.896	4,428	2,081	0.47	0.953	4,320	2,030	0.47	0.979	4,140	1,946	0.47	1.020
23	18	4,230	3,173	0.75	0.824	4,050	3,038	0.75	0.865	3,888	2,916	0.75	0.906	3,744	2,808	0.75	0.948
23	20	4,410	2,778	0.63	0.865	4,230	2,665	0.63	0.917	4,104	2,586	0.63	0.937	3,960	2,495	0.63	0.979
23	22	4,590	2,341	0.51	0.896	4,428	2,258	0.51	0.953	4,320	2,203	0.51	0.979	4,140	2,111	0.51	1.020
24	18	4,230	3,342	0.79	0.824	4,050	3,200	0.79	0.865	3,888	3,072	0.79	0.906	3,744	2,958	0.79	0.948
24	20	4,410	2,955	0.67	0.865	4,230	2,834	0.67	0.917	4,104	2,750	0.67	0.937	3,960	2,653	0.67	0.979
24	22	4,590	2,525	0.55	0.896	4,428	2,435	0.55	0.953	4,320	2,376	0.55	0.979	4,140	2,277	0.55	1.020
24	24	4,824	2,074	0.43	0.937	4,644	1,997	0.43	0.989	4,536	1,950	0.43	1.020	4,392	1,889	0.43	1.071
25	20	4,410	3,131	0.71	0.865	4,230	3,003	0.71	0.917	4,104	2,914	0.71	0.937	3,960	2,812	0.71	0.979
25	22	4,590	2,708	0.59	0.896	4,428	2,613	0.59	0.953	4,320	2,549	0.59	0.979	4,140	2,443	0.59	1.020
25	24	4,824	2,267	0.47	0.937	4,644	2,183	0.47	0.989	4,536	2,132	0.47	1.020	4,392	2,064	0.47	1.071
26	18	4,230	3,680	0.87	0.824	4,050	3,524	0.87	0.865	3,888	3,383	0.87	0.906	3,744	3,257	0.87	0.948
26	20	4,410	3,308	0.75	0.865	4,230	3,173	0.75	0.917	4,104	3,078	0.75	0.937	3,960	2,970	0.75	0.979
26	22	4,590	2,892	0.63	0.896	4,428	2,790	0.63	0.953	4,320	2,722	0.63	0.979	4,140	2,608	0.63	1.020
26	24	4,824	2,460	0.51	0.937	4,644	2,368	0.51	0.989	4,536	2,313	0.51	1.020	4,392	2,240	0.51	1.071
26	26	4,968	1,938	0.39	0.989	4,824	1,881	0.39	1.040	4,752	1,853	0.39	1.071	4,608	1,797	0.39	1.102
27	18	4,230	3,849	0.91	0.824	4,050	3,686	0.91	0.865	3,888	3,538	0.91	0.906	3,744	3,407	0.91	0.948
27	20	4,410	3,484	0.79	0.865	4,230	3,342	0.79	0.917	4,104	3,242	0.79	0.937	3,960	3,128	0.79	0.979
27	22	4,590	3,075	0.67	0.896	4,428	2,967	0.67	0.953	4,320	2,894	0.67	0.979	4,140	2,774	0.67	1.020
27	24	4,824	2,653	0.55	0.937	4,644	2,554	0.55	0.989	4,536	2,495	0.55	1.020	4,392	2,416	0.55	1.071
27	26	4,968	2,136	0.43	0.989	4,824	2,074	0.43	1.040	4,752	2,043	0.43	1.071	4,608	1,981	0.43	1.102
28	18	4,230	4,019	0.95	0.824	4,050	3,848	0.95	0.865	3,888	3,694	0.95	0.906	3,744	3,557	0.95	0.948
28	20	4,410	3,660	0.83	0.865	4,230	3,511	0.83	0.917	4,104	3,406	0.83	0.937	3,960	3,287	0.83	0.979
28	22	4,590	3,259	0.71	0.896	4,428	3,144	0.71	0.953	4,320	3,067	0.71	0.979	4,140	2,939	0.71	1.020
28	24	4,824	2,846	0.59	0.937	4,644	2,740	0.59	0.989	4,536	2,676	0.59	1.020	4,392	2,591	0.59	1.071
28	26	4,968	2,335	0.47	0.989	4,824	2,267	0.47	1.040	4,752	2,233	0.47	1.071	4,608	2,166	0.47	1.102
29	18	4,230	4,188	0.99	0.824	4,050	4,010	0.99	0.865	3,888	3,849	0.99	0.906	3,744	3,707	0.99	0.948
29	20	4,410	3,837	0.87	0.865	4,230	3,680	0.87	0.917	4,104	3,570	0.87	0.937	3,960	3,445	0.87	0.979
29	22	4,590	3,443	0.75	0.896	4,428	3,321	0.75	0.953	4,320	3,240	0.75	0.979	4,140	3,105	0.75	1.020
29	24	4,824	3,039	0.63	0.937	4,644	2,926	0.63	0.989	4,536	2,858	0.63	1.020	4,392	2,767	0.63	1.071
29	26	4,968	2,534	0.51	0.989	4,824	2,460	0.51	1.040	4,752	2,424	0.51	1.071	4,608	2,350	0.51	1.102
30	18	4,230	4,357	1.03	0.824	4,050	4,172	1.03	0.865	3,888	4,005	1.03	0.906	3,744	3,856	1.03	0.948
30	20	4,410	4,013	0.91	0.865	4,230	3,849	0.91	0.917	4,104	3,735	0.91	0.937	3,960	3,604	0.91	0.979
30	22	4,590	3,626	0.79	0.896	4,428	3,498	0.79	0.953	4,320	3,413	0.79	0.979	4,140	3,271	0.79	1.020
30	24	4,824	3,232	0.67	0.937	4,644	3,111	0.67	0.989	4,536	3,039	0.67	1.020	4,392	2,943	0.67	1.071
30	26	4,968	2,732	0.55	0.989	4,824	2,653	0.55	1.040	4,752	2,614	0.55	1.071	4,608	2,534	0.55	1.102
31	18	4,230	4,526	1.07	0.824	4,050	4,334	1.07	0.865	3,888	4,160	1.07	0.906	3,744	4,006	1.07	0.948
31	20	4,410	4,190	0.95	0.865	4,230	4,019	0.95	0.917	4,104	3,899	0.95	0.937	3,960	3,762	0.95	0.979
31	22	4,590	3,810	0.83	0.896	4,428	3,675	0.83	0.953	4,320	3,586	0.83	0.979	4,140	3,436	0.83	1.020
31	24	4,824	3,425	0.71	0.937	4,644	3,297	0.71	0.989	4,536	3,221	0.71	1.020	4,392	3,118	0.71	1.071
31	26	4,968	2,931	0.59	0.989	4,824	2,846	0.59	1.040	4,752	2,804	0.59	1.071	4,608	2,719	0.59	1.102
32	18	4,230	4,695	1.11	0.824	4,050	4,496	1.11	0.865	3,888	4,316	1.11	0.906	3,744	4,156	1.11	0.948
32	20	4,410	4,366	0.99	0.865	4,230	4,188	0.99	0.917	4,104	4,063	0.99	0.937	3,960	3,920	0.99	0.979
32	22	4,590	3,993	0.87	0.896	4,428	3,852	0.87	0.953	4,320	3,758	0.87	0.979	4,140	3,602	0.87	1.020
32	24	4,824	3,618	0.75	0.937	4,644	3,483	0.75	0.989	4,536	3,402	0.75	1.020	4,392	3,294	0.75	1.071
32	26	4,968	3,130	0.63	0.989	4,824	3,039	0.63	1.040	4,752	2,994	0.63	1.071	4,608	2,903	0.63	1.102

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP35JALQ / SUZ-KA35VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	3,528	2,364	0.67	1.009	3,240	2,171	0.67	1.071	2,988	2,002	0.67	1.112
21	20	3,708	2,039	0.55	1.051	3,456	1,901	0.55	1.102	3,204	1,762	0.55	1.164
22	18	3,528	2,505	0.71	1.009	3,240	2,300	0.71	1.071	2,988	2,121	0.71	1.112
22	20	3,708	2,188	0.59	1.051	3,456	2,039	0.59	1.102	3,204	1,890	0.59	1.164
22	22	3,924	1,844	0.47	1.092	3,672	1,726	0.47	1.154	3,420	1,607	0.47	1.195
23	18	3,528	2,646	0.75	1.009	3,240	2,430	0.75	1.071	2,988	2,241	0.75	1.112
23	20	3,708	2,336	0.63	1.051	3,456	2,177	0.63	1.102	3,204	2,019	0.63	1.164
23	22	3,924	2,001	0.51	1.092	3,672	1,873	0.51	1.154	3,420	1,744	0.51	1.195
24	18	3,528	2,787	0.79	1.009	3,240	2,560	0.79	1.071	2,988	2,361	0.79	1.112
24	20	3,708	2,484	0.67	1.051	3,456	2,316	0.67	1.102	3,204	2,147	0.67	1.164
24	22	3,924	2,158	0.55	1.092	3,672	2,020	0.55	1.154	3,420	1,881	0.55	1.195
24	24	4,140	1,780	0.43	1.133	3,888	1,672	0.43	1.185	3,672	1,579	0.43	1.236
25	20	3,708	2,633	0.71	1.051	3,456	2,454	0.71	1.102	3,204	2,275	0.71	1.164
25	22	3,924	2,315	0.59	1.092	3,672	2,166	0.59	1.154	3,420	2,018	0.59	1.195
25	24	4,140	1,946	0.47	1.133	3,888	1,827	0.47	1.185	3,672	1,726	0.47	1.236
26	18	3,528	3,069	0.87	1.009	3,240	2,819	0.87	1.071	2,988	2,600	0.87	1.112
26	20	3,708	2,781	0.75	1.051	3,456	2,592	0.75	1.102	3,204	2,403	0.75	1.164
26	22	3,924	2,472	0.63	1.092	3,672	2,313	0.63	1.154	3,420	2,155	0.63	1.195
26	24	4,140	2,111	0.51	1.133	3,888	1,983	0.51	1.185	3,672	1,873	0.51	1.236
26	26	4,356	1,699	0.39	1.174	4,104	1,601	0.39	1.226	3,852	1,502	0.39	1.277
27	18	3,528	3,210	0.91	1.009	3,240	2,948	0.91	1.071	2,988	2,719	0.91	1.112
27	20	3,708	2,929	0.79	1.051	3,456	2,730	0.79	1.102	3,204	2,531	0.79	1.164
27	22	3,924	2,629	0.67	1.092	3,672	2,460	0.67	1.154	3,420	2,291	0.67	1.195
27	24	4,140	2,277	0.55	1.133	3,888	2,138	0.55	1.185	3,672	2,020	0.55	1.236
27	26	4,356	1,873	0.43	1.174	4,104	1,765	0.43	1.226	3,852	1,656	0.43	1.277
28	18	3,528	3,352	0.95	1.009	3,240	3,078	0.95	1.071	2,988	2,839	0.95	1.112
28	20	3,708	3,078	0.83	1.051	3,456	2,868	0.83	1.102	3,204	2,659	0.83	1.164
28	22	3,924	2,786	0.71	1.092	3,672	2,607	0.71	1.154	3,420	2,428	0.71	1.195
28	24	4,140	2,443	0.59	1.133	3,888	2,294	0.59	1.185	3,672	2,166	0.59	1.236
28	26	4,356	2,047	0.47	1.174	4,104	1,929	0.47	1.226	3,852	1,810	0.47	1.277
29	18	3,528	3,493	0.99	1.009	3,240	3,208	0.99	1.071	2,988	2,958	0.99	1.112
29	20	3,708	3,226	0.87	1.051	3,456	3,007	0.87	1.102	3,204	2,787	0.87	1.164
29	22	3,924	2,943	0.75	1.092	3,672	2,754	0.75	1.154	3,420	2,565	0.75	1.195
29	24	4,140	2,608	0.63	1.133	3,888	2,449	0.63	1.185	3,672	2,313	0.63	1.236
29	26	4,356	2,222	0.51	1.174	4,104	2,093	0.51	1.226	3,852	1,965	0.51	1.277
30	18	3,528	3,634	1.03	1.009	3,240	3,337	1.03	1.071	2,988	3,078	1.03	1.112
30	20	3,708	3,374	0.91	1.051	3,456	3,145	0.91	1.102	3,204	2,916	0.91	1.164
30	22	3,924	3,100	0.79	1.092	3,672	2,901	0.79	1.154	3,420	2,702	0.79	1.195
30	24	4,140	2,774	0.67	1.133	3,888	2,605	0.67	1.185	3,672	2,460	0.67	1.236
30	26	4,356	2,396	0.55	1.174	4,104	2,257	0.55	1.226	3,852	2,119	0.55	1.277
31	18	3,528	3,775	1.07	1.009	3,240	3,467	1.07	1.071	2,988	3,197	1.07	1.112
31	20	3,708	3,523	0.95	1.051	3,456	3,283	0.95	1.102	3,204	3,044	0.95	1.164
31	22	3,924	3,257	0.83	1.092	3,672	3,048	0.83	1.154	3,420	2,839	0.83	1.195
31	24	4,140	2,939	0.71	1.133	3,888	2,760	0.71	1.185	3,672	2,607	0.71	1.236
31	26	4,356	2,570	0.59	1.174	4,104	2,421	0.59	1.226	3,852	2,273	0.59	1.277
32	18	3,528	3,916	1.11	1.009	3,240	3,596	1.11	1.071	2,988	3,317	1.11	1.112
32	20	3,708	3,671	0.99	1.051	3,456	3,421	0.99	1.102	3,204	3,172	0.99	1.164
32	22	3,924	3,414	0.87	1.092	3,672	3,195	0.87	1.154	3,420	2,975	0.87	1.195
32	24	4,140	3,105	0.75	1.133	3,888	2,916	0.75	1.185	3,672	2,754	0.75	1.236
32	26	4,356	2,744	0.63	1.174	4,104	2,586	0.63	1.226	3,852	2,427	0.63	1.277

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP50JALQ/ SUZ-KA50VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,758	3,858	0.67	1.168	5,513	3,693	0.67	1.226	5,292	3,546	0.67	1.285	5,096	3,414	0.67	1.343
21	20	6,003	3,301	0.55	1.226	5,758	3,167	0.55	1.299	5,586	3,072	0.55	1.329	5,390	2,965	0.55	1.387
22	18	5,758	4,088	0.71	1.168	5,513	3,914	0.71	1.226	5,292	3,757	0.71	1.285	5,096	3,618	0.71	1.343
22	20	6,003	3,541	0.59	1.226	5,758	3,397	0.59	1.299	5,586	3,296	0.59	1.329	5,390	3,180	0.59	1.387
22	22	6,248	2,936	0.47	1.270	6,027	2,833	0.47	1.351	5,880	2,764	0.47	1.387	5,635	2,648	0.47	1.445
23	18	5,758	4,318	0.75	1.168	5,513	4,134	0.75	1.226	5,292	3,969	0.75	1.285	5,096	3,822	0.75	1.343
23	20	6,003	3,782	0.63	1.226	5,758	3,627	0.63	1.299	5,586	3,519	0.63	1.329	5,390	3,396	0.63	1.387
23	22	6,248	3,186	0.51	1.270	6,027	3,074	0.51	1.351	5,880	2,999	0.51	1.387	5,635	2,874	0.51	1.445
24	18	5,758	4,548	0.79	1.168	5,513	4,355	0.79	1.226	5,292	4,181	0.79	1.285	5,096	4,026	0.79	1.343
24	20	6,003	4,022	0.67	1.226	5,758	3,858	0.67	1.299	5,586	3,743	0.67	1.329	5,390	3,611	0.67	1.387
24	22	6,248	3,436	0.55	1.270	6,027	3,315	0.55	1.351	5,880	3,234	0.55	1.387	5,635	3,099	0.55	1.445
24	24	6,566	2,823	0.43	1.329	6,321	2,718	0.43	1.402	6,174	2,655	0.43	1.445	5,978	2,571	0.43	1.518
25	20	6,003	4,262	0.71	1.226	5,758	4,088	0.71	1.299	5,586	3,966	0.71	1.329	5,390	3,827	0.71	1.387
25	22	6,248	3,686	0.59	1.270	6,027	3,556	0.59	1.351	5,880	3,469	0.59	1.387	5,635	3,325	0.59	1.445
25	24	6,566	3,086	0.47	1.329	6,321	2,971	0.47	1.402	6,174	2,902	0.47	1.445	5,978	2,810	0.47	1.518
26	18	5,758	5,009	0.87	1.168	5,513	4,796	0.87	1.226	5,292	4,604	0.87	1.285	5,096	4,434	0.87	1.343
26	20	6,003	4,502	0.75	1.226	5,758	4,318	0.75	1.299	5,586	4,190	0.75	1.329	5,390	4,043	0.75	1.387
26	22	6,248	3,936	0.63	1.270	6,027	3,797	0.63	1.351	5,880	3,704	0.63	1.387	5,635	3,550	0.63	1.445
26	24	6,566	3,349	0.51	1.329	6,321	3,224	0.51	1.402	6,174	3,149	0.51	1.445	5,978	3,049	0.51	1.518
26	26	6,762	2,637	0.39	1.402	6,566	2,561	0.39	1.475	6,468	2,523	0.39	1.518	6,272	2,446	0.39	1.562
27	18	5,758	5,239	0.91	1.168	5,513	5,016	0.91	1.226	5,292	4,816	0.91	1.285	5,096	4,637	0.91	1.343
27	20	6,003	4,742	0.79	1.226	5,758	4,548	0.79	1.299	5,586	4,413	0.79	1.329	5,390	4,258	0.79	1.387
27	22	6,248	4,186	0.67	1.270	6,027	4,038	0.67	1.351	5,880	3,940	0.67	1.387	5,635	3,775	0.67	1.445
27	24	6,566	3,611	0.55	1.329	6,321	3,477	0.55	1.402	6,174	3,396	0.55	1.445	5,978	3,288	0.55	1.518
27	26	6,762	2,908	0.43	1.402	6,566	2,823	0.43	1.475	6,468	2,781	0.43	1.518	6,272	2,697	0.43	1.562
28	18	5,758	5,470	0.95	1.168	5,513	5,237	0.95	1.226	5,292	5,027	0.95	1.285	5,096	4,841	0.95	1.343
28	20	6,003	4,982	0.83	1.226	5,758	4,779	0.83	1.299	5,586	4,636	0.83	1.329	5,390	4,474	0.83	1.387
28	22	6,248	4,436	0.71	1.270	6,027	4,279	0.71	1.351	5,880	4,175	0.71	1.387	5,635	4,001	0.71	1.445
28	24	6,566	3,874	0.59	1.329	6,321	3,729	0.59	1.402	6,174	3,643	0.59	1.445	5,978	3,527	0.59	1.518
28	26	6,762	3,178	0.47	1.402	6,566	3,086	0.47	1.475	6,468	3,040	0.47	1.518	6,272	2,948	0.47	1.562
29	18	5,758	5,700	0.99	1.168	5,513	5,457	0.99	1.226	5,292	5,239	0.99	1.285	5,096	5,045	0.99	1.343
29	20	6,003	5,222	0.87	1.226	5,758	5,009	0.87	1.299	5,586	4,860	0.87	1.329	5,390	4,689	0.87	1.387
29	22	6,248	4,686	0.75	1.270	6,027	4,520	0.75	1.351	5,880	4,410	0.75	1.387	5,635	4,226	0.75	1.445
29	24	6,566	4,137	0.63	1.329	6,321	3,982	0.63	1.402	6,174	3,890	0.63	1.445	5,978	3,766	0.63	1.518
29	26	6,762	3,449	0.51	1.402	6,566	3,349	0.51	1.475	6,468	3,299	0.51	1.518	6,272	3,199	0.51	1.562
30	18	5,758	5,930	1.03	1.168	5,513	5,678	1.03	1.226	5,292	5,451	1.03	1.285	5,096	5,249	1.03	1.343
30	20	6,003	5,462	0.91	1.226	5,758	5,239	0.91	1.299	5,586	5,083	0.91	1.329	5,390	4,905	0.91	1.387
30	22	6,248	4,936	0.79	1.270	6,027	4,761	0.79	1.351	5,880	4,645	0.79	1.387	5,635	4,452	0.79	1.445
30	24	6,566	4,399	0.67	1.329	6,321	4,235	0.67	1.402	6,174	4,137	0.67	1.445	5,978	4,005	0.67	1.518
30	26	6,762	3,719	0.55	1.402	6,566	3,611	0.55	1.475	6,468	3,557	0.55	1.518	6,272	3,450	0.55	1.562
31	18	5,758	6,161	1.07	1.168	5,513	5,898	1.07	1.226	5,292	5,662	1.07	1.285	5,096	5,453	1.07	1.343
31	20	6,003	5,702	0.95	1.226	5,758	5,470	0.95	1.299	5,586	5,307	0.95	1.329	5,390	5,121	0.95	1.387
31	22	6,248	5,185	0.83	1.270	6,027	5,002	0.83	1.351	5,880	4,880	0.83	1.387	5,635	4,677	0.83	1.445
31	24	6,566	4,662	0.71	1.329	6,321	4,488	0.71	1.402	6,174	4,384	0.71	1.445	5,978	4,244	0.71	1.518
31	26	6,762	3,990	0.59	1.402	6,566	3,874	0.59	1.475	6,468	3,816	0.59	1.518	6,272	3,700	0.59	1.562
32	18	5,758	6,391	1.11	1.168	5,513	6,119	1.11	1.226	5,292	5,874	1.11	1.285	5,096	5,657	1.11	1.343
32	20	6,003	5,942	0.99	1.226	5,758	5,700	0.99	1.299	5,586	5,530	0.99	1.329	5,390	5,336	0.99	1.387
32	22	6,248	5,435	0.87	1.270	6,027	5,243	0.87	1.351	5,880	5,116	0.87	1.387	5,635	4,902	0.87	1.445
32	24	6,566	4,925	0.75	1.329	6,321	4,741	0.75	1.402	6,174	4,631	0.75	1.445	5,978	4,484	0.75	1.518
32	26	6,762	4,260	0.63	1.402	6,566	4,137	0.63	1.475	6,468	4,075	0.63	1.518	6,272	3,951	0.63	1.562

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP50JALQ/ SUZ-KA50VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	4,802	3,217	0.67	1.431	4,410	2,955	0.67	1.518	4,067	2,725	0.67	1.577
21	20	5,047	2,776	0.55	1.489	4,704	2,587	0.55	1.562	4,361	2,399	0.55	1.650
22	18	4,802	3,409	0.71	1.431	4,410	3,131	0.71	1.518	4,067	2,888	0.71	1.577
22	20	5,047	2,978	0.59	1.489	4,704	2,775	0.59	1.562	4,361	2,573	0.59	1.650
22	22	5,341	2,510	0.47	1.548	4,998	2,349	0.47	1.635	4,655	2,188	0.47	1.694
23	18	4,802	3,602	0.75	1.431	4,410	3,308	0.75	1.518	4,067	3,050	0.75	1.577
23	20	5,047	3,180	0.63	1.489	4,704	2,964	0.63	1.562	4,361	2,747	0.63	1.650
23	22	5,341	2,724	0.51	1.548	4,998	2,549	0.51	1.635	4,655	2,374	0.51	1.694
24	18	4,802	3,794	0.79	1.431	4,410	3,484	0.79	1.518	4,067	3,213	0.79	1.577
24	20	5,047	3,381	0.67	1.489	4,704	3,152	0.67	1.562	4,361	2,922	0.67	1.650
24	22	5,341	2,938	0.55	1.548	4,998	2,749	0.55	1.635	4,655	2,560	0.55	1.694
24	24	5,635	2,423	0.43	1.606	5,292	2,276	0.43	1.679	4,998	2,149	0.43	1.752
25	20	5,047	3,583	0.71	1.489	4,704	3,340	0.71	1.562	4,361	3,096	0.71	1.650
25	22	5,341	3,151	0.59	1.548	4,998	2,949	0.59	1.635	4,655	2,746	0.59	1.694
25	24	5,635	2,648	0.47	1.606	5,292	2,487	0.47	1.679	4,998	2,349	0.47	1.752
26	18	4,802	4,178	0.87	1.431	4,410	3,837	0.87	1.518	4,067	3,538	0.87	1.577
26	20	5,047	3,785	0.75	1.489	4,704	3,528	0.75	1.562	4,361	3,271	0.75	1.650
26	22	5,341	3,365	0.63	1.548	4,998	3,149	0.63	1.635	4,655	2,933	0.63	1.694
26	24	5,635	2,874	0.51	1.606	5,292	2,699	0.51	1.679	4,998	2,549	0.51	1.752
26	26	5,929	2,312	0.39	1.664	5,586	2,179	0.39	1.737	5,243	2,045	0.39	1.810
27	18	4,802	4,370	0.91	1.431	4,410	4,013	0.91	1.518	4,067	3,701	0.91	1.577
27	20	5,047	3,987	0.79	1.489	4,704	3,716	0.79	1.562	4,361	3,445	0.79	1.650
27	22	5,341	3,578	0.67	1.548	4,998	3,349	0.67	1.635	4,655	3,119	0.67	1.694
27	24	5,635	3,099	0.55	1.606	5,292	2,911	0.55	1.679	4,998	2,749	0.55	1.752
27	26	5,929	2,549	0.43	1.664	5,586	2,402	0.43	1.737	5,243	2,254	0.43	1.810
28	18	4,802	4,562	0.95	1.431	4,410	4,190	0.95	1.518	4,067	3,864	0.95	1.577
28	20	5,047	4,189	0.83	1.489	4,704	3,904	0.83	1.562	4,361	3,620	0.83	1.650
28	22	5,341	3,792	0.71	1.548	4,998	3,549	0.71	1.635	4,655	3,305	0.71	1.694
28	24	5,635	3,325	0.59	1.606	5,292	3,122	0.59	1.679	4,998	2,949	0.59	1.752
28	26	5,929	2,787	0.47	1.664	5,586	2,625	0.47	1.737	5,243	2,464	0.47	1.810
29	18	4,802	4,754	0.99	1.431	4,410	4,366	0.99	1.518	4,067	4,026	0.99	1.577
29	20	5,047	4,391	0.87	1.489	4,704	4,092	0.87	1.562	4,361	3,794	0.87	1.650
29	22	5,341	4,006	0.75	1.548	4,998	3,749	0.75	1.635	4,655	3,491	0.75	1.694
29	24	5,635	3,550	0.63	1.606	5,292	3,334	0.63	1.679	4,998	3,149	0.63	1.752
29	26	5,929	3,024	0.51	1.664	5,586	2,849	0.51	1.737	5,243	2,674	0.51	1.810
30	18	4,802	4,946	1.03	1.431	4,410	4,542	1.03	1.518	4,067	4,189	1.03	1.577
30	20	5,047	4,593	0.91	1.489	4,704	4,281	0.91	1.562	4,361	3,969	0.91	1.650
30	22	5,341	4,219	0.79	1.548	4,998	3,948	0.79	1.635	4,655	3,677	0.79	1.694
30	24	5,635	3,775	0.67	1.606	5,292	3,546	0.67	1.679	4,998	3,349	0.67	1.752
30	26	5,929	3,261	0.55	1.664	5,586	3,072	0.55	1.737	5,243	2,884	0.55	1.810
31	18	4,802	5,138	1.07	1.431	4,410	4,719	1.07	1.518	4,067	4,352	1.07	1.577
31	20	5,047	4,795	0.95	1.489	4,704	4,469	0.95	1.562	4,361	4,143	0.95	1.650
31	22	5,341	4,433	0.83	1.548	4,998	4,148	0.83	1.635	4,655	3,864	0.83	1.694
31	24	5,635	4,001	0.71	1.606	5,292	3,757	0.71	1.679	4,998	3,549	0.71	1.752
31	26	5,929	3,498	0.59	1.664	5,586	3,296	0.59	1.737	5,243	3,093	0.59	1.810
32	18	4,802	5,330	1.11	1.431	4,410	4,895	1.11	1.518	4,067	4,514	1.11	1.577
32	20	5,047	4,997	0.99	1.489	4,704	4,657	0.99	1.562	4,361	4,317	0.99	1.650
32	22	5,341	4,647	0.87	1.548	4,998	4,348	0.87	1.635	4,655	4,050	0.87	1.694
32	24	5,635	4,226	0.75	1.606	5,292	3,969	0.75	1.679	4,998	3,749	0.75	1.752
32	26	5,929	3,735	0.63	1.664	5,586	3,519	0.63	1.737	5,243	3,303	0.63	1.810

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP60JALQ / SUZ-KA60VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,698	4,554	0.68	1.320	6,413	4,361	0.68	1.386	6,156	4,186	0.68	1.452	5,928	4,031	0.68	1.518
21	20	6,983	3,910	0.56	1.386	6,698	3,751	0.56	1.469	6,498	3,639	0.56	1.502	6,270	3,511	0.56	1.568
22	18	6,698	4,822	0.72	1.320	6,413	4,617	0.72	1.386	6,156	4,432	0.72	1.452	5,928	4,268	0.72	1.518
22	20	6,983	4,190	0.60	1.386	6,698	4,019	0.60	1.469	6,498	3,899	0.60	1.502	6,270	3,762	0.60	1.568
22	22	7,268	3,488	0.48	1.436	7,011	3,365	0.48	1.526	6,840	3,283	0.48	1.568	6,555	3,146	0.48	1.634
23	18	6,698	5,090	0.76	1.320	6,413	4,874	0.76	1.386	6,156	4,679	0.76	1.452	5,928	4,505	0.76	1.518
23	20	6,983	4,469	0.64	1.386	6,698	4,286	0.64	1.469	6,498	4,159	0.64	1.502	6,270	4,013	0.64	1.568
23	22	7,268	3,779	0.52	1.436	7,011	3,646	0.52	1.526	6,840	3,557	0.52	1.568	6,555	3,409	0.52	1.634
24	18	6,698	5,358	0.80	1.320	6,413	5,130	0.80	1.386	6,156	4,925	0.80	1.452	5,928	4,742	0.80	1.518
24	20	6,983	4,748	0.68	1.386	6,698	4,554	0.68	1.469	6,498	4,419	0.68	1.502	6,270	4,264	0.68	1.568
24	22	7,268	4,070	0.56	1.436	7,011	3,926	0.56	1.526	6,840	3,830	0.56	1.568	6,555	3,671	0.56	1.634
24	24	7,638	3,361	0.44	1.502	7,353	3,235	0.44	1.584	7,182	3,160	0.44	1.634	6,954	3,060	0.44	1.716
25	20	6,983	5,027	0.72	1.386	6,698	4,822	0.72	1.469	6,498	4,679	0.72	1.502	6,270	4,514	0.72	1.568
25	22	7,268	4,361	0.60	1.436	7,011	4,207	0.60	1.526	6,840	4,104	0.60	1.568	6,555	3,933	0.60	1.634
25	24	7,638	3,666	0.48	1.502	7,353	3,529	0.48	1.584	7,182	3,447	0.48	1.634	6,954	3,338	0.48	1.716
26	18	6,698	5,894	0.88	1.320	6,413	5,643	0.88	1.386	6,156	5,417	0.88	1.452	5,928	5,217	0.88	1.518
26	20	6,983	5,307	0.76	1.386	6,698	5,090	0.76	1.469	6,498	4,938	0.76	1.502	6,270	4,765	0.76	1.568
26	22	7,268	4,651	0.64	1.436	7,011	4,487	0.64	1.526	6,840	4,378	0.64	1.568	6,555	4,195	0.64	1.634
26	24	7,638	3,972	0.52	1.502	7,353	3,824	0.52	1.584	7,182	3,735	0.52	1.634	6,954	3,616	0.52	1.716
26	26	7,866	3,146	0.40	1.584	7,638	3,055	0.40	1.667	7,524	3,010	0.40	1.716	7,296	2,918	0.40	1.766
27	18	6,698	6,162	0.92	1.320	6,413	5,900	0.92	1.386	6,156	5,664	0.92	1.452	5,928	5,454	0.92	1.518
27	20	6,983	5,586	0.80	1.386	6,698	5,358	0.80	1.469	6,498	5,198	0.80	1.502	6,270	5,016	0.80	1.568
27	22	7,268	4,942	0.68	1.436	7,011	4,767	0.68	1.526	6,840	4,651	0.68	1.568	6,555	4,457	0.68	1.634
27	24	7,638	4,277	0.56	1.502	7,353	4,118	0.56	1.584	7,182	4,022	0.56	1.634	6,954	3,894	0.56	1.716
27	26	7,866	3,461	0.44	1.584	7,638	3,361	0.44	1.667	7,524	3,311	0.44	1.716	7,296	3,210	0.44	1.766
28	18	6,698	6,430	0.96	1.320	6,413	6,156	0.96	1.386	6,156	5,910	0.96	1.452	5,928	5,691	0.96	1.518
28	20	6,983	5,865	0.84	1.386	6,698	5,626	0.84	1.469	6,498	5,458	0.84	1.502	6,270	5,267	0.84	1.568
28	22	7,268	5,233	0.72	1.436	7,011	5,048	0.72	1.526	6,840	4,925	0.72	1.568	6,555	4,720	0.72	1.634
28	24	7,638	4,583	0.60	1.502	7,353	4,412	0.60	1.584	7,182	4,309	0.60	1.634	6,954	4,172	0.60	1.716
28	26	7,866	3,776	0.48	1.584	7,638	3,666	0.48	1.667	7,524	3,612	0.48	1.716	7,296	3,502	0.48	1.766
29	18	6,698	6,698	1.00	1.320	6,413	6,413	1.00	1.386	6,156	6,156	1.00	1.452	5,928	5,928	1.00	1.518
29	20	6,983	6,145	0.88	1.386	6,698	5,894	0.88	1.469	6,498	5,718	0.88	1.502	6,270	5,518	0.88	1.568
29	22	7,268	5,523	0.76	1.436	7,011	5,328	0.76	1.526	6,840	5,198	0.76	1.568	6,555	4,982	0.76	1.634
29	24	7,638	4,888	0.64	1.502	7,353	4,706	0.64	1.584	7,182	4,596	0.64	1.634	6,954	4,451	0.64	1.716
29	26	7,866	4,090	0.52	1.584	7,638	3,972	0.52	1.667	7,524	3,912	0.52	1.716	7,296	3,794	0.52	1.766
30	18	6,698	6,965	1.04	1.320	6,413	6,669	1.04	1.386	6,156	6,402	1.04	1.452	5,928	6,165	1.04	1.518
30	20	6,983	6,424	0.92	1.386	6,698	6,162	0.92	1.469	6,498	5,978	0.92	1.502	6,270	5,768	0.92	1.568
30	22	7,268	5,814	0.80	1.436	7,011	5,609	0.80	1.526	6,840	5,472	0.80	1.568	6,555	5,244	0.80	1.634
30	24	7,638	5,194	0.68	1.502	7,353	5,000	0.68	1.584	7,182	4,884	0.68	1.634	6,954	4,729	0.68	1.716
30	26	7,866	4,405	0.56	1.584	7,638	4,277	0.56	1.667	7,524	4,213	0.56	1.716	7,296	4,086	0.56	1.766
31	18	6,698	7,233	1.08	1.320	6,413	6,926	1.08	1.386	6,156	6,648	1.08	1.452	5,928	6,402	1.08	1.518
31	20	6,983	6,703	0.96	1.386	6,698	6,430	0.96	1.469	6,498	6,238	0.96	1.502	6,270	6,019	0.96	1.568
31	22	7,268	6,105	0.84	1.436	7,011	5,889	0.84	1.526	6,840	5,746	0.84	1.568	6,555	5,506	0.84	1.634
31	24	7,638	5,499	0.72	1.502	7,353	5,294	0.72	1.584	7,182	5,171	0.72	1.634	6,954	5,007	0.72	1.716
31	26	7,866	4,720	0.60	1.584	7,638	4,583	0.60	1.667	7,524	4,514	0.60	1.716	7,296	4,378	0.60	1.766
32	18	6,698	7,501	1.12	1.320	6,413	7,182	1.12	1.386	6,156	6,895	1.12	1.452	5,928	6,639	1.12	1.518
32	20	6,983	6,983	1.00	1.386	6,698	6,698	1.00	1.469	6,498	6,498	1.00	1.502	6,270	6,270	1.00	1.568
32	22	7,268	6,395	0.88	1.436	7,011	6,170	0.88	1.526	6,840	6,019	0.88	1.568	6,555	5,768	0.88	1.634
32	24	7,638	5,805	0.76	1.502	7,353	5,588	0.76	1.584	7,182	5,458	0.76	1.634	6,954	5,285	0.76	1.716
32	26	7,866	5,034	0.64	1.584	7,638	4,888	0.64	1.667	7,524	4,815	0.64	1.716	7,296	4,669	0.64	1.766

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP60JALQ / SUZ-KA60VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	5,586	3,798	0.68	1.617	5,130	3,488	0.68	1.716	4,731	3,217	0.68	1.782
21	20	5,871	3,288	0.56	1.683	5,472	3,064	0.56	1.766	5,073	2,841	0.56	1.865
22	18	5,586	4,022	0.72	1.617	5,130	3,694	0.72	1.716	4,731	3,406	0.72	1.782
22	20	5,871	3,523	0.60	1.683	5,472	3,283	0.60	1.766	5,073	3,044	0.60	1.865
22	22	6,213	2,982	0.48	1.749	5,814	2,791	0.48	1.848	5,415	2,599	0.48	1.914
23	18	5,586	4,245	0.76	1.617	5,130	3,899	0.76	1.716	4,731	3,596	0.76	1.782
23	20	5,871	3,757	0.64	1.683	5,472	3,502	0.64	1.766	5,073	3,247	0.64	1.865
23	22	6,213	3,231	0.52	1.749	5,814	3,023	0.52	1.848	5,415	2,816	0.52	1.914
24	18	5,586	4,469	0.80	1.617	5,130	4,104	0.80	1.716	4,731	3,785	0.80	1.782
24	20	5,871	3,992	0.68	1.683	5,472	3,721	0.68	1.766	5,073	3,450	0.68	1.865
24	22	6,213	3,479	0.56	1.749	5,814	3,256	0.56	1.848	5,415	3,032	0.56	1.914
24	24	6,555	2,884	0.44	1.815	6,156	2,709	0.44	1.898	5,814	2,558	0.44	1.980
25	20	5,871	4,227	0.72	1.683	5,472	3,940	0.72	1.766	5,073	3,653	0.72	1.865
25	22	6,213	3,728	0.60	1.749	5,814	3,488	0.60	1.848	5,415	3,249	0.60	1.914
25	24	6,555	3,146	0.48	1.815	6,156	2,955	0.48	1.898	5,814	2,791	0.48	1.980
26	18	5,586	4,916	0.88	1.617	5,130	4,514	0.88	1.716	4,731	4,163	0.88	1.782
26	20	5,871	4,462	0.76	1.683	5,472	4,159	0.76	1.766	5,073	3,855	0.76	1.865
26	22	6,213	3,976	0.64	1.749	5,814	3,721	0.64	1.848	5,415	3,466	0.64	1.914
26	24	6,555	3,409	0.52	1.815	6,156	3,201	0.52	1.898	5,814	3,023	0.52	1.980
26	26	6,897	2,759	0.40	1.881	6,498	2,599	0.40	1.964	6,099	2,440	0.40	2.046
27	18	5,586	5,139	0.92	1.617	5,130	4,720	0.92	1.716	4,731	4,353	0.92	1.782
27	20	5,871	4,697	0.80	1.683	5,472	4,378	0.80	1.766	5,073	4,058	0.80	1.865
27	22	6,213	4,225	0.68	1.749	5,814	3,954	0.68	1.848	5,415	3,682	0.68	1.914
27	24	6,555	3,671	0.56	1.815	6,156	3,447	0.56	1.898	5,814	3,256	0.56	1.980
27	26	6,897	3,035	0.44	1.881	6,498	2,859	0.44	1.964	6,099	2,684	0.44	2.046
28	18	5,586	5,363	0.96	1.617	5,130	4,925	0.96	1.716	4,731	4,542	0.96	1.782
28	20	5,871	4,932	0.84	1.683	5,472	4,596	0.84	1.766	5,073	4,261	0.84	1.865
28	22	6,213	4,473	0.72	1.749	5,814	4,186	0.72	1.848	5,415	3,899	0.72	1.914
28	24	6,555	3,933	0.60	1.815	6,156	3,694	0.60	1.898	5,814	3,488	0.60	1.980
28	26	6,897	3,311	0.48	1.881	6,498	3,119	0.48	1.964	6,099	2,928	0.48	2.046
29	18	5,586	5,586	1.00	1.617	5,130	5,130	1.00	1.716	4,731	4,731	1.00	1.782
29	20	5,871	5,166	0.88	1.683	5,472	4,815	0.88	1.766	5,073	4,464	0.88	1.865
29	22	6,213	4,722	0.76	1.749	5,814	4,419	0.76	1.848	5,415	4,115	0.76	1.914
29	24	6,555	4,195	0.64	1.815	6,156	3,940	0.64	1.898	5,814	3,721	0.64	1.980
29	26	6,897	3,586	0.52	1.881	6,498	3,379	0.52	1.964	6,099	3,171	0.52	2.046
30	18	5,586	5,809	1.04	1.617	5,130	5,335	1.04	1.716	4,731	4,920	1.04	1.782
30	20	5,871	5,401	0.92	1.683	5,472	5,034	0.92	1.766	5,073	4,667	0.92	1.865
30	22	6,213	4,970	0.80	1.749	5,814	4,651	0.80	1.848	5,415	4,332	0.80	1.914
30	24	6,555	4,457	0.68	1.815	6,156	4,186	0.68	1.898	5,814	3,954	0.68	1.980
30	26	6,897	3,862	0.56	1.881	6,498	3,639	0.56	1.964	6,099	3,415	0.56	2.046
31	18	5,586	6,033	1.08	1.617	5,130	5,540	1.08	1.716	4,731	5,109	1.08	1.782
31	20	5,871	5,636	0.96	1.683	5,472	5,253	0.96	1.766	5,073	4,870	0.96	1.865
31	22	6,213	5,219	0.84	1.749	5,814	4,884	0.84	1.848	5,415	4,549	0.84	1.914
31	24	6,555	4,720	0.72	1.815	6,156	4,432	0.72	1.898	5,814	4,186	0.72	1.980
31	26	6,897	4,138	0.60	1.881	6,498	3,899	0.60	1.964	6,099	3,659	0.60	2.046
32	18	5,586	6,256	1.12	1.617	5,130	5,746	1.12	1.716	4,731	5,299	1.12	1.782
32	20	5,871	5,871	1.00	1.683	5,472	5,472	1.00	1.766	5,073	5,073	1.00	1.865
32	22	6,213	5,467	0.88	1.749	5,814	5,116	0.88	1.848	5,415	4,765	0.88	1.914
32	24	6,555	4,982	0.76	1.815	6,156	4,679	0.76	1.898	5,814	4,419	0.76	1.980
32	26	6,897	4,414	0.64	1.881	6,498	4,159	0.64	1.964	6,099	3,903	0.64	2.046

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP71JALQ / SUZ-KA71VA5

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	5,423	0.65	1.648	7,988	5,192	0.65	1.730	7,668	4,984	0.65	1.813	7,384	4,800	0.65	1.895
21	20	8,698	4,610	0.53	1.730	8,343	4,422	0.53	1.833	8,094	4,290	0.53	1.875	7,810	4,139	0.53	1.957
22	18	8,343	5,756	0.69	1.648	7,988	5,511	0.69	1.730	7,668	5,291	0.69	1.813	7,384	5,095	0.69	1.895
22	20	8,698	4,958	0.57	1.730	8,343	4,755	0.57	1.833	8,094	4,614	0.57	1.875	7,810	4,452	0.57	1.957
22	22	9,053	4,074	0.45	1.792	8,733	3,930	0.45	1.906	8,520	3,834	0.45	1.957	8,165	3,674	0.45	2.039
23	18	8,343	6,090	0.73	1.648	7,988	5,831	0.73	1.730	7,668	5,598	0.73	1.813	7,384	5,390	0.73	1.895
23	20	8,698	5,305	0.61	1.730	8,343	5,089	0.61	1.833	8,094	4,937	0.61	1.875	7,810	4,764	0.61	1.957
23	22	9,053	4,436	0.49	1.792	8,733	4,279	0.49	1.906	8,520	4,175	0.49	1.957	8,165	4,001	0.49	2.039
24	18	8,343	6,424	0.77	1.648	7,988	6,150	0.77	1.730	7,668	5,904	0.77	1.813	7,384	5,686	0.77	1.895
24	20	8,698	5,653	0.65	1.730	8,343	5,423	0.65	1.833	8,094	5,261	0.65	1.875	7,810	5,077	0.65	1.957
24	22	9,053	4,798	0.53	1.792	8,733	4,628	0.53	1.906	8,520	4,516	0.53	1.957	8,165	4,327	0.53	2.039
24	24	9,514	3,901	0.41	1.875	9,159	3,755	0.41	1.978	8,946	3,668	0.41	2.039	8,662	3,551	0.41	2.142
25	20	8,698	6,001	0.69	1.730	8,343	5,756	0.69	1.833	8,094	5,585	0.69	1.875	7,810	5,389	0.69	1.957
25	22	9,053	5,160	0.57	1.792	8,733	4,978	0.57	1.906	8,520	4,856	0.57	1.957	8,165	4,654	0.57	2.039
25	24	9,514	4,281	0.45	1.875	9,159	4,122	0.45	1.978	8,946	4,026	0.45	2.039	8,662	3,898	0.45	2.142
26	18	8,343	7,091	0.85	1.648	7,988	6,789	0.85	1.730	7,668	6,518	0.85	1.813	7,384	6,276	0.85	1.895
26	20	8,698	6,349	0.73	1.730	8,343	6,090	0.73	1.833	8,094	5,909	0.73	1.875	7,810	5,701	0.73	1.957
26	22	9,053	5,522	0.61	1.792	8,733	5,327	0.61	1.906	8,520	5,197	0.61	1.957	8,165	4,981	0.61	2.039
26	24	9,514	4,662	0.49	1.875	9,159	4,488	0.49	1.978	8,946	4,384	0.49	2.039	8,662	4,244	0.49	2.142
26	26	9,798	3,625	0.37	1.978	9,514	3,520	0.37	2.081	9,372	3,468	0.37	2.142	9,088	3,363	0.37	2.204
27	18	8,343	7,425	0.89	1.648	7,988	7,109	0.89	1.730	7,668	6,825	0.89	1.813	7,384	6,572	0.89	1.895
27	20	8,698	6,697	0.77	1.730	8,343	6,424	0.77	1.833	8,094	6,232	0.77	1.875	7,810	6,014	0.77	1.957
27	22	9,053	5,884	0.65	1.792	8,733	5,676	0.65	1.906	8,520	5,538	0.65	1.957	8,165	5,307	0.65	2.039
27	24	9,514	5,042	0.53	1.875	9,159	4,854	0.53	1.978	8,946	4,741	0.53	2.039	8,662	4,591	0.53	2.142
27	26	9,798	4,017	0.41	1.978	9,514	3,901	0.41	2.081	9,372	3,843	0.41	2.142	9,088	3,726	0.41	2.204
28	18	8,343	7,759	0.93	1.648	7,988	7,428	0.93	1.730	7,668	7,131	0.93	1.813	7,384	6,867	0.93	1.895
28	20	8,698	7,045	0.81	1.730	8,343	6,757	0.81	1.833	8,094	6,556	0.81	1.875	7,810	6,326	0.81	1.957
28	22	9,053	6,246	0.69	1.792	8,733	6,026	0.69	1.906	8,520	5,879	0.69	1.957	8,165	5,634	0.69	2.039
28	24	9,514	5,423	0.57	1.875	9,159	5,221	0.57	1.978	8,946	5,099	0.57	2.039	8,662	4,937	0.57	2.142
28	26	9,798	4,409	0.45	1.978	9,514	4,281	0.45	2.081	9,372	4,217	0.45	2.142	9,088	4,090	0.45	2.204
29	18	8,343	8,092	0.97	1.648	7,988	7,748	0.97	1.730	7,668	7,438	0.97	1.813	7,384	7,162	0.97	1.895
29	20	8,698	7,393	0.85	1.730	8,343	7,091	0.85	1.833	8,094	6,880	0.85	1.875	7,810	6,639	0.85	1.957
29	22	9,053	6,608	0.73	1.792	8,733	6,375	0.73	1.906	8,520	6,220	0.73	1.957	8,165	5,960	0.73	2.039
29	24	9,514	5,804	0.61	1.875	9,159	5,587	0.61	1.978	8,946	5,457	0.61	2.039	8,662	5,284	0.61	2.142
29	26	9,798	4,801	0.49	1.978	9,514	4,662	0.49	2.081	9,372	4,592	0.49	2.142	9,088	4,453	0.49	2.204
30	18	8,343	8,426	1.01	1.648	7,988	8,067	1.01	1.730	7,668	7,745	1.01	1.813	7,384	7,458	1.01	1.895
30	20	8,698	7,741	0.89	1.730	8,343	7,425	0.89	1.833	8,094	7,204	0.89	1.875	7,810	6,951	0.89	1.957
30	22	9,053	6,970	0.77	1.792	8,733	6,724	0.77	1.906	8,520	6,560	0.77	1.957	8,165	6,287	0.77	2.039
30	24	9,514	6,184	0.65	1.875	9,159	5,953	0.65	1.978	8,946	5,815	0.65	2.039	8,662	5,630	0.65	2.142
30	26	9,798	5,193	0.53	1.978	9,514	5,042	0.53	2.081	9,372	4,967	0.53	2.142	9,088	4,817	0.53	2.204
31	18	8,343	8,760	1.05	1.648	7,988	8,387	1.05	1.730	7,668	8,051	1.05	1.813	7,384	7,753	1.05	1.895
31	20	8,698	8,089	0.93	1.730	8,343	7,759	0.93	1.833	8,094	7,527	0.93	1.875	7,810	7,263	0.93	1.957
31	22	9,053	7,333	0.81	1.792	8,733	7,074	0.81	1.906	8,520	6,901	0.81	1.957	8,165	6,614	0.81	2.039
31	24	9,514	6,565	0.69	1.875	9,159	6,320	0.69	1.978	8,946	6,173	0.69	2.039	8,662	5,977	0.69	2.142
31	26	9,798	5,585	0.57	1.978	9,514	5,423	0.57	2.081	9,372	5,342	0.57	2.142	9,088	5,180	0.57	2.204
32	18	8,343	9,093	1.09	1.648	7,988	8,706	1.09	1.730	7,668	8,358	1.09	1.813	7,384	8,049	1.09	1.895
32	20	8,698	8,437	0.97	1.730	8,343	8,092	0.97	1.833	8,094	7,851	0.97	1.875	7,810	7,576	0.97	1.957
32	22	9,053	7,695	0.85	1.792	8,733	7,423	0.85	1.906	8,520	7,242	0.85	1.957	8,165	6,940	0.85	2.039
32	24	9,514	6,945	0.73	1.875	9,159	6,686	0.73	1.978	8,946	6,531	0.73	2.039	8,662	6,323	0.73	2.142
32	26	9,798	5,977	0.61	1.978	9,514	5,804	0.61	2.081	9,372	5,717	0.61	2.142	9,088	5,544	0.61	2.204

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP71JALQ / SUZ-KA71VA5

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
D.B.(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,523	0.65	2.019	6,390	4,154	0.65	2.142	5,893	3,830	0.65	2.225
21	20	7,313	3,876	0.53	2.101	6,816	3,612	0.53	2.204	6,319	3,349	0.53	2.328
22	18	6,958	4,801	0.69	2.019	6,390	4,409	0.69	2.142	5,893	4,066	0.69	2.225
22	20	7,313	4,168	0.57	2.101	6,816	3,885	0.57	2.204	6,319	3,602	0.57	2.328
22	22	7,739	3,483	0.45	2.184	7,242	3,259	0.45	2.307	6,745	3,035	0.45	2.390
23	18	6,958	5,079	0.73	2.019	6,390	4,665	0.73	2.142	5,893	4,302	0.73	2.225
23	20	7,313	4,461	0.61	2.101	6,816	4,158	0.61	2.204	6,319	3,855	0.61	2.328
23	22	7,739	3,792	0.49	2.184	7,242	3,549	0.49	2.307	6,745	3,305	0.49	2.390
24	18	6,958	5,358	0.77	2.019	6,390	4,920	0.77	2.142	5,893	4,538	0.77	2.225
24	20	7,313	4,753	0.65	2.101	6,816	4,430	0.65	2.204	6,319	4,107	0.65	2.328
24	22	7,739	4,102	0.53	2.184	7,242	3,838	0.53	2.307	6,745	3,575	0.53	2.390
24	24	8,165	3,348	0.41	2.266	7,668	3,144	0.41	2.369	7,242	2,969	0.41	2.472
25	20	7,313	5,046	0.69	2.101	6,816	4,703	0.69	2.204	6,319	4,360	0.69	2.328
25	22	7,739	4,411	0.57	2.184	7,242	4,128	0.57	2.307	6,745	3,845	0.57	2.390
25	24	8,165	3,674	0.45	2.266	7,668	3,451	0.45	2.369	7,242	3,259	0.45	2.472
26	18	6,958	5,914	0.85	2.019	6,390	5,432	0.85	2.142	5,893	5,009	0.85	2.225
26	20	7,313	5,338	0.73	2.101	6,816	4,976	0.73	2.204	6,319	4,613	0.73	2.328
26	22	7,739	4,721	0.61	2.184	7,242	4,418	0.61	2.307	6,745	4,114	0.61	2.390
26	24	8,165	4,001	0.49	2.266	7,668	3,757	0.49	2.369	7,242	3,549	0.49	2.472
26	26	8,591	3,179	0.37	2.348	8,094	2,995	0.37	2.451	7,597	2,811	0.37	2.554
27	18	6,958	6,193	0.89	2.019	6,390	5,687	0.89	2.142	5,893	5,245	0.89	2.225
27	20	7,313	5,631	0.77	2.101	6,816	5,248	0.77	2.204	6,319	4,866	0.77	2.328
27	22	7,739	5,030	0.65	2.184	7,242	4,707	0.65	2.307	6,745	4,384	0.65	2.390
27	24	8,165	4,327	0.53	2.266	7,668	4,064	0.53	2.369	7,242	3,838	0.53	2.472
27	26	8,591	3,522	0.41	2.348	8,094	3,319	0.41	2.451	7,597	3,115	0.41	2.554
28	18	6,958	6,471	0.93	2.019	6,390	5,943	0.93	2.142	5,893	5,480	0.93	2.225
28	20	7,313	5,924	0.81	2.101	6,816	5,521	0.81	2.204	6,319	5,118	0.81	2.328
28	22	7,739	5,340	0.69	2.184	7,242	4,997	0.69	2.307	6,745	4,654	0.69	2.390
28	24	8,165	4,654	0.57	2.266	7,668	4,371	0.57	2.369	7,242	4,128	0.57	2.472
28	26	8,591	3,866	0.45	2.348	8,094	3,642	0.45	2.451	7,597	3,419	0.45	2.554
29	18	6,958	6,749	0.97	2.019	6,390	6,198	0.97	2.142	5,893	5,716	0.97	2.225
29	20	7,313	6,216	0.85	2.101	6,816	5,794	0.85	2.204	6,319	5,371	0.85	2.328
29	22	7,739	5,649	0.73	2.184	7,242	5,287	0.73	2.307	6,745	4,924	0.73	2.390
29	24	8,165	4,981	0.61	2.266	7,668	4,677	0.61	2.369	7,242	4,418	0.61	2.472
29	26	8,591	4,210	0.49	2.348	8,094	3,966	0.49	2.451	7,597	3,723	0.49	2.554
30	18	6,958	7,028	1.01	2.019	6,390	6,454	1.01	2.142	5,893	5,952	1.01	2.225
30	20	7,313	6,509	0.89	2.101	6,816	6,066	0.89	2.204	6,319	5,624	0.89	2.328
30	22	7,739	5,959	0.77	2.184	7,242	5,576	0.77	2.307	6,745	5,194	0.77	2.390
30	24	8,165	5,307	0.65	2.266	7,668	4,984	0.65	2.369	7,242	4,707	0.65	2.472
30	26	8,591	4,553	0.53	2.348	8,094	4,290	0.53	2.451	7,597	4,026	0.53	2.554
31	18	6,958	7,306	1.05	2.019	6,390	6,710	1.05	2.142	5,893	6,188	1.05	2.225
31	20	7,313	6,801	0.93	2.101	6,816	6,339	0.93	2.204	6,319	5,877	0.93	2.328
31	22	7,739	6,269	0.81	2.184	7,242	5,866	0.81	2.307	6,745	5,463	0.81	2.390
31	24	8,165	5,634	0.69	2.266	7,668	5,291	0.69	2.369	7,242	4,997	0.69	2.472
31	26	8,591	4,897	0.57	2.348	8,094	4,614	0.57	2.451	7,597	4,330	0.57	2.554
32	18	6,958	7,584	1.09	2.019	6,390	6,965	1.09	2.142	5,893	6,423	1.09	2.225
32	20	7,313	7,094	0.97	2.101	6,816	6,612	0.97	2.204	6,319	6,129	0.97	2.328
32	22	7,739	6,578	0.85	2.184	7,242	6,156	0.85	2.307	6,745	5,733	0.85	2.390
32	24	8,165	5,960	0.73	2.266	7,668	5,598	0.73	2.369	7,242	5,287	0.73	2.472
32	26	8,591	5,241	0.61	2.348	8,094	4,937	0.61	2.451	7,597	4,634	0.61	2.554

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP100JAQ / PUHZ-P100VHA4, PUHZ-P100YHA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	6,980	0.75	2.50	9,024	6,768	0.75	2.64	8,742	6,557	0.75	2.79
20	18	9,964	6,277	0.63	2.54	9,682	6,100	0.63	2.68	9,353	5,892	0.63	2.87
20	20	10,716	5,465	0.51	2.62	10,481	5,345	0.51	2.75	10,199	5,201	0.51	2.93
22	16	9,306	7,724	0.83	2.50	9,024	7,490	0.83	2.64	8,742	7,256	0.83	2.79
22	18	9,964	7,074	0.71	2.54	9,682	6,874	0.71	2.68	9,353	6,641	0.71	2.87
22	20	10,716	6,322	0.59	2.62	10,481	6,184	0.59	2.75	10,199	6,017	0.59	2.93
24	16	9,306	8,468	0.91	2.50	9,024	8,212	0.91	2.64	8,742	7,955	0.91	2.79
24	18	9,964	7,872	0.79	2.54	9,682	7,649	0.79	2.68	9,353	7,389	0.79	2.87
24	20	10,716	7,180	0.67	2.62	10,481	7,022	0.67	2.75	10,199	6,833	0.67	2.93
24	22	11,421	6,282	0.55	2.68	11,186	6,152	0.55	2.84	10,904	5,997	0.55	3.03
26	16	9,306	9,213	0.99	2.50	9,024	8,934	0.99	2.64	8,742	8,655	0.99	2.79
26	18	9,964	8,669	0.87	2.54	9,682	8,423	0.87	2.68	9,353	8,137	0.87	2.87
26	20	10,716	8,037	0.75	2.62	10,481	7,861	0.75	2.75	10,199	7,649	0.75	2.93
26	22	11,421	7,195	0.63	2.68	11,186	7,047	0.63	2.84	10,904	6,870	0.63	3.03
27	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
27	18	9,964	9,067	0.91	2.54	9,682	8,811	0.91	2.68	9,353	8,511	0.91	2.87
27	20	10,716	8,466	0.79	2.62	10,481	8,280	0.79	2.75	10,199	8,057	0.79	2.93
27	22	11,421	7,652	0.67	2.68	11,186	7,495	0.67	2.84	10,904	7,306	0.67	3.03
28	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
28	18	9,964	9,466	0.95	2.54	9,682	9,198	0.95	2.68	9,353	8,885	0.95	2.87
28	20	10,716	8,894	0.83	2.62	10,481	8,699	0.83	2.75	10,199	8,465	0.83	2.93
28	22	11,421	8,109	0.71	2.68	11,186	7,942	0.71	2.84	10,904	7,742	0.71	3.03
30	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
30	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
30	20	10,716	9,752	0.91	2.62	10,481	9,538	0.91	2.75	10,199	9,281	0.91	2.93
30	22	11,421	9,023	0.79	2.68	11,186	8,837	0.79	2.84	10,904	8,614	0.79	3.03
32	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
32	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
32	20	10,716	10,609	0.99	2.62	10,481	10,376	0.99	2.75	10,199	10,097	0.99	2.93
32	22	11,421	9,936	0.87	2.68	11,186	9,732	0.87	2.84	10,904	9,486	0.87	3.03
34	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
34	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
34	20	10,716	10,716	1.00	2.62	10,481	10,481	1.00	2.75	10,199	10,199	1.00	2.93
34	22	11,421	10,850	0.95	2.68	11,186	10,627	0.95	2.84	10,904	10,359	0.95	3.03

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	6,275	0.75	3.00	7,990	5,993	0.75	3.21	7,614	5,711	0.75	3.48
20	18	9,024	5,685	0.63	3.07	8,742	5,507	0.63	3.31	8,178	5,152	0.63	3.56
20	20	9,776	4,986	0.51	3.15	9,400	4,794	0.51	3.37	8,836	4,506	0.51	3.62
22	16	8,366	6,944	0.83	3.00	7,990	6,632	0.83	3.21	7,614	6,320	0.83	3.48
22	18	9,024	6,407	0.71	3.07	8,742	6,207	0.71	3.31	8,178	5,806	0.71	3.56
22	20	9,776	5,768	0.59	3.15	9,400	5,546	0.59	3.37	8,836	5,213	0.59	3.62
24	16	8,366	7,613	0.91	3.00	7,990	7,271	0.91	3.21	7,614	6,929	0.91	3.48
24	18	9,024	7,129	0.79	3.07	8,742	6,906	0.79	3.31	8,178	6,461	0.79	3.56
24	20	9,776	6,550	0.67	3.15	9,400	6,298	0.67	3.37	8,836	5,920	0.67	3.62
24	22	10,528	5,790	0.55	3.21	10,152	5,584	0.55	3.46	9,588	5,273	0.55	3.68
26	16	8,366	8,282	0.99	3.00	7,990	7,910	0.99	3.21	7,614	7,538	0.99	3.48
26	18	9,024	7,851	0.87	3.07	8,742	7,606	0.87	3.31	8,178	7,115	0.87	3.56
26	20	9,776	7,332	0.75	3.15	9,400	7,050	0.75	3.37	8,836	6,627	0.75	3.62
26	22	10,528	6,633	0.63	3.21	10,152	6,396	0.63	3.46	9,588	6,040	0.63	3.68
27	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
27	18	9,024	8,212	0.91	3.07	8,742	7,955	0.91	3.31	8,178	7,442	0.91	3.56
27	20	9,776	7,723	0.79	3.15	9,400	7,426	0.79	3.37	8,836	6,980	0.79	3.62
27	22	10,528	7,054	0.67	3.21	10,152	6,802	0.67	3.46	9,588	6,424	0.67	3.68
28	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
28	18	9,024	8,573	0.95	3.07	8,742	8,305	0.95	3.31	8,178	7,769	0.95	3.56
28	20	9,776	8,114	0.83	3.15	9,400	7,802	0.83	3.37	8,836	7,334	0.83	3.62
28	22	10,528	7,475	0.71	3.21	10,152	7,208	0.71	3.46	9,588	6,807	0.71	3.68
30	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
30	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
30	20	9,776	8,896	0.91	3.15	9,400	8,554	0.91	3.37	8,836	8,041	0.91	3.62
30	22	10,528	8,317	0.79	3.21	10,152	8,020	0.79	3.46	9,588	7,575	0.79	3.68
32	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
32	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
32	20	9,776	9,678	0.99	3.15	9,400	9,306	0.99	3.37	8,836	8,748	0.99	3.62
32	22	10,528	9,159	0.87	3.21	10,152	8,832	0.87	3.46	9,588	8,342	0.87	3.68
34	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
34	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
34	20	9,776	9,776	1.00	3.15	9,400	9,400	1.00	3.37	8,836	8,836	1.00	3.62
34	22	10,528	10,002	0.95	3.21	10,152	9,644	0.95	3.46	9,588	9,109	0.95	3.68

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-RP125JAQ / PUHZ-P125VHA3, PUHZ-P125YHA

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air D.B.(℃) 20 CA	20 SHC	20 SHF	20 P.C.	25 CA	25 SHC	25 SHF	25 P.C.	30 CA	30 SHC	30 SHF	30 P.C.
20	16	12,177	9,133	0.75	3.38	11,808	8,856	0.75	3.57	11,439	8,579	0.75	3.78
20	18	13,038	8,214	0.63	3.44	12,669	7,981	0.63	3.63	12,239	7,710	0.63	3.88
20	20	14,022	7,151	0.51	3.54	13,715	6,994	0.51	3.71	13,346	6,806	0.51	3.97
22	16	12,177	10,107	0.83	3.38	11,808	9,801	0.83	3.57	11,439	9,494	0.83	3.78
22	18	13,038	9,257	0.71	3.44	12,669	8,995	0.71	3.63	12,239	8,689	0.71	3.88
22	20	14,022	8,273	0.59	3.54	13,715	8,092	0.59	3.71	13,346	7,874	0.59	3.97
24	16	12,177	11,081	0.91	3.38	11,808	10,745	0.91	3.57	11,439	10,409	0.91	3.78
24	18	13,038	10,300	0.79	3.44	12,669	10,009	0.79	3.63	12,239	9,668	0.79	3.88
24	20	14,022	9,395	0.67	3.54	13,715	9,189	0.67	3.71	13,346	8,941	0.67	3.97
24	22	14,945	8,219	0.55	3.63	14,637	8,050	0.55	3.84	14,268	7,847	0.55	4.09
26	16	12,177	12,055	0.99	3.38	11,808	11,690	0.99	3.57	11,439	11,325	0.99	3.78
26	18	13,038	11,343	0.87	3.44	12,669	11,022	0.87	3.63	12,239	10,647	0.87	3.88
26	20	14,022	10,517	0.75	3.54	13,715	10,286	0.75	3.71	13,346	10,009	0.75	3.97
26	22	14,945	9,415	0.63	3.63	14,637	9,221	0.63	3.84	14,268	8,989	0.63	4.09
27	16	12,177	12,177	1.00	3.38	11,808	11,808	1.00	3.57	11,439	11,439	1.00	3.78
27	18	13,038	11,865	0.91	3.44	12,669	11,529	0.91	3.63	12,239	11,137	0.91	3.88
27	20	14,022	11,077	0.79	3.54	13,715	10,834	0.79	3.71	13,346	10,543	0.79	3.97
27	22	14,945	10,013	0.67	3.63	14,637	9,807	0.67	3.84	14,268	9,560	0.67	4.09
28	16	12,177	12,177	1.00	3.38	11,808	11,808	1.00	3.57	11,439	11,439	1.00	3.78
28	18	13,038	12,386	0.95	3.44	12,669	12,036	0.95	3.63	12,239	11,627	0.95	3.88
28	20	14,022	11,638	0.83	3.54	13,715	11,383	0.83	3.71	13,346	11,077	0.83	3.97
28	22	14,945	10,611	0.71	3.63	14,637	10,392	0.71	3.84	14,268	10,130	0.71	4.09
30	16	12,177	12,177	1.00	3.38	11,808	11,808	1.00	3.57	11,439	11,439	1.00	3.78
30	18	13,038	13,038	1.00	3.44	12,669	12,669	1.00	3.63	12,239	12,239	1.00	3.88
30	20	14,022	12,760	0.91	3.54	13,715	12,480	0.91	3.71	13,346	12,144	0.91	3.97
30	22	14,945	11,806	0.79	3.63	14,637	11,563	0.79	3.84	14,268	11,272	0.79	4.09
32	16	12,177	12,177	1.00	3.38	11,808	11,808	1.00	3.57	11,439	11,439	1.00	3.78
32	18	13,038	13,038	1.00	3.44	12,669	12,669	1.00	3.63	12,239	12,239	1.00	3.88
32	20	14,022	13,882	0.99	3.54	13,715	13,577	0.99	3.71	13,346	13,212	0.99	3.97
32	22	14,945	13,002	0.87	3.63	14,637	12,734	0.87	3.84	14,268	12,413	0.87	4.09
34	16	12,177	12,177	1.00	3.38	11,808	11,808	1.00	3.57	11,439	11,439	1.00	3.78
34	18	13,038	13,038	1.00	3.44	12,669	12,669	1.00	3.63	12,239	12,239	1.00	3.88
34	20	14,022	14,022	1.00	3.54	13,715	13,715	1.00	3.71	13,346	13,346	1.00	3.97
34	22	14,945	14,197	0.95	3.63	14,637	13,905	0.95	3.84	14,268	13,555	0.95	4.09

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	35 SHC	35 SHF	35 P.C.	40 CA	40 SHC	40 SHF	40 P.C.	45 CA	45 SHC	45 SHF	45 P.C.
20	16	10,947	8,210	0.75	4.05	10,455	7,841	0.75	4.35	9,963	7,472	0.75	4.71
20	18	11,808	7,439	0.63	4.16	11,439	7,207	0.63	4.47	10,701	6,742	0.63	4.81
20	20	12,792	6,524	0.51	4.26	12,300	6,273	0.51	4.56	11,562	5,897	0.51	4.90
22	16	10,947	9,086	0.83	4.05	10,455	8,678	0.83	4.35	9,963	8,269	0.83	4.71
22	18	11,808	8,384	0.71	4.16	11,439	8,122	0.71	4.47	10,701	7,598	0.71	4.81
22	20	12,792	7,547	0.59	4.26	12,300	7,257	0.59	4.56	11,562	6,822	0.59	4.90
24	16	10,947	9,962	0.91	4.05	10,455	9,514	0.91	4.35	9,963	9,066	0.91	4.71
24	18	11,808	9,328	0.79	4.16	11,439	9,037	0.79	4.47	10,701	8,454	0.79	4.81
24	20	12,792	8,571	0.67	4.26	12,300	8,241	0.67	4.56	11,562	7,747	0.67	4.90
24	22	13,776	7,577	0.55	4.35	13,284	7,306	0.55	4.68	12,546	6,900	0.55	4.98
26	16	10,947	10,838	0.99	4.05	10,455	10,350	0.99	4.35	9,963	9,863	0.99	4.71
26	18	11,808	10,273	0.87	4.16	11,439	9,952	0.87	4.47	10,701	9,310	0.87	4.81
26	20	12,792	9,594	0.75	4.26	12,300	9,225	0.75	4.56	11,562	8,672	0.75	4.90
26	22	13,776	8,679	0.63	4.35	13,284	8,369	0.63	4.68	12,546	7,904	0.63	4.98
27	16	10,947	10,947	1.00	4.05	10,455	10,455	1.00	4.35	9,963	9,963	1.00	4.71
27	18	11,808	10,745	0.91	4.16	11,439	10,409	0.91	4.47	10,701	9,738	0.91	4.81
27	20	12,792	10,106	0.79	4.26	12,300	9,717	0.79	4.56	11,562	9,134	0.79	4.90
27	22	13,776	9,230	0.67	4.35	13,284	8,900	0.67	4.68	12,546	8,406	0.67	4.98
28	16	10,947	10,947	1.00	4.05	10,455	10,455	1.00	4.35	9,963	9,963	1.00	4.71
28	18	11,808	11,218	0.95	4.16	11,439	10,867	0.95	4.47	10,701	10,166	0.95	4.81
28	20	12,792	10,617	0.83	4.26	12,300	10,209	0.83	4.56	11,562	9,596	0.83	4.90
28	22	13,776	9,781	0.71	4.35	13,284	9,432	0.71	4.68	12,546	8,908	0.71	4.98
30	16	10,947	10,947	1.00	4.05	10,455	10,455	1.00	4.35	9,963	9,963	1.00	4.71
30	18	11,808	11,808	1.00	4.16	11,439	11,439	1.00	4.47	10,701	10,701	1.00	4.81
30	20	12,792	11,641	0.91	4.26	12,300	11,193	0.91	4.56	11,562	10,521	0.91	4.90
30	22	13,776	10,883	0.79	4.35	13,284	10,494	0.79	4.68	12,546	9,911	0.79	4.98
32	16	10,947	10,947	1.00	4.05	10,455	10,455	1.00	4.35	9,963	9,963	1.00	4.71
32	18	11,808	11,808	1.00	4.16	11,439	11,439	1.00	4.47	10,701	10,701	1.00	4.81
32	20	12,792	12,664	0.99	4.26	12,300	12,177	0.99	4.56	11,562	11,446	0.99	4.90
32	22	13,776	11,985	0.87	4.35	13,284	11,557	0.87	4.68	12,546	10,915	0.87	4.98
34	16	10,947	10,947	1.00	4.05	10,455	10,455	1.00	4.35	9,963	9,963	1.00	4.71
34	18	11,808	11,808	1.00	4.16	11,439	11,439	1.00	4.47	10,701	10,701	1.00	4.81
34	20	12,792	12,792	1.00	4.26	12,300	12,300	1.00	4.56	11,562	11,562	1.00	4.90
34	22	13,776	13,087	0.95	4.35	13,284	12,620	0.95	4.68	12,546	11,919	0.95	4.98

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY
PEAD-RP140JAQ / PUHZ-P140VHA3, PUHZ-P140YHA

(230V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air D.B.(℃) 20 CA	20 SHC	20 SHF	20 P.C.	25 CA	25 SHC	25 SHF	25 P.C.	30 CA	30 SHC	30 SHF	30 P.C.
20	16	13,464	9,963	0.74	3.62	13,056	9,661	0.74	3.82	12,648	9,360	0.74	4.05
20	18	14,416	8,938	0.62	3.68	14,008	8,685	0.62	3.89	13,532	8,390	0.62	4.16
20	20	15,504	7,752	0.50	3.80	15,164	7,582	0.50	3.98	14,756	7,378	0.50	4.25
22	16	13,464	11,040	0.82	3.62	13,056	10,706	0.82	3.82	12,648	10,371	0.82	4.05
22	18	14,416	10,091	0.70	3.68	14,008	9,806	0.70	3.89	13,532	9,472	0.70	4.16
22	20	15,504	8,992	0.58	3.80	15,164	8,795	0.58	3.98	14,756	8,558	0.58	4.25
24	16	13,464	12,118	0.90	3.62	13,056	11,750	0.90	3.82	12,648	11,383	0.90	4.05
24	18	14,416	11,244	0.78	3.68	14,008	10,926	0.78	3.89	13,532	10,555	0.78	4.16
24	20	15,504	10,233	0.66	3.80	15,164	10,008	0.66	3.98	14,756	9,739	0.66	4.25
24	22	16,524	8,923	0.54	3.89	16,184	8,739	0.54	4.11	15,776	8,519	0.54	4.38
26	16	13,464	13,195	0.98	3.62	13,056	12,795	0.98	3.82	12,648	12,395	0.98	4.05
26	18	14,416	12,398	0.86	3.68	14,008	12,047	0.86	3.89	13,532	11,638	0.86	4.16
26	20	15,504	11,473	0.74	3.80	15,164	11,221	0.74	3.98	14,756	10,919	0.74	4.25
26	22	16,524	10,245	0.62	3.89	16,184	10,034	0.62	4.11	15,776	9,781	0.62	4.38
27	16	13,464	13,464	1.00	3.62	13,056	13,056	1.00	3.82	12,648	12,648	1.00	4.05
27	18	14,416	12,974	0.90	3.68	14,008	12,607	0.90	3.89	13,532	12,179	0.90	4.16
27	20	15,504	12,093	0.78	3.80	15,164	11,828	0.78	3.98	14,756	11,510	0.78	4.25
27	22	16,524	10,906	0.66	3.89	16,184	10,681	0.66	4.11	15,776	10,412	0.66	4.38
28	16	13,464	13,464	1.00	3.62	13,056	13,056	1.00	3.82	12,648	12,648	1.00	4.05
28	18	14,416	13,551	0.94	3.68	14,008	13,168	0.94	3.89	13,532	12,720	0.94	4.16
28	20	15,504	12,713	0.82	3.80	15,164	12,434	0.82	3.98	14,756	12,100	0.82	4.25
28	22	16,524	11,567	0.70	3.89	16,184	11,329	0.70	4.11	15,776	11,043	0.70	4.38
30	16	13,464	13,464	1.00	3.62	13,056	13,056	1.00	3.82	12,648	12,648	1.00	4.05
30	18	14,416	14,416	1.00	3.68	14,008	14,008	1.00	3.89	13,532	13,532	1.00	4.16
30	20	15,504	13,954	0.90	3.80	15,164	13,648	0.90	3.98	14,756	13,280	0.90	4.25
30	22	16,524	12,889	0.78	3.89	16,184	12,624	0.78	4.11	15,776	12,305	0.78	4.38
32	16	13,464	13,464	1.00	3.62	13,056	13,056	1.00	3.82	12,648	12,648	1.00	4.05
32	18	14,416	14,416	1.00	3.68	14,008	14,008	1.00	3.89	13,532	13,532	1.00	4.16
32	20	15,504	15,194	0.98	3.80	15,164	14,861	0.98	3.98	14,756	14,461	0.98	4.25
32	22	16,524	14,211	0.86	3.89	16,184	13,918	0.86	4.11	15,776	13,567	0.86	4.38
34	16	13,464	13,464	1.00	3.62	13,056	13,056	1.00	3.82	12,648	12,648	1.00	4.05
34	18	14,416	14,416	1.00	3.68	14,008	14,008	1.00	3.89	13,532	13,532	1.00	4.16
34	20	15,504	15,504	1.00	3.80	15,164	15,164	1.00	3.98	14,756	14,756	1.00	4.25
34	22	16,524	15,533	0.94	3.89	16,184	15,213	0.94	4.11	15,776	14,829	0.94	4.38

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	35 SHC	35 SHF	35 P.C.	40 CA	40 SHC	40 SHF	40 P.C.	45 CA	45 SHC	45 SHF	45 P.C.
20	16	12,104	8,957	0.74	4.34	11,560	8,554	0.74	4.66	11,016	8,152	0.74	5.04
20	18	13,056	8,095	0.62	4.45	12,648	7,842	0.62	4.79	11,832	7,336	0.62	5.15
20	20	14,144	7,072	0.50	4.57	13,600	6,800	0.50	4.88	12,784	6,392	0.50	5.24
22	16	12,104	9,925	0.82	4.34	11,560	9,479	0.82	4.66	11,016	9,033	0.82	5.04
22	18	13,056	9,139	0.70	4.45	12,648	8,854	0.70	4.79	11,832	8,282	0.70	5.15
22	20	14,144	8,204	0.58	4.57	13,600	7,888	0.58	4.88	12,784	7,415	0.58	5.24
24	16	12,104	10,894	0.90	4.34	11,560	10,404	0.90	4.66	11,016	9,914	0.90	5.04
24	18	13,056	10,184	0.78	4.45	12,648	9,865	0.78	4.79	11,832	9,229	0.78	5.15
24	20	14,144	9,335	0.66	4.57	13,600	8,976	0.66	4.88	12,784	8,437	0.66	5.24
24	22	15,232	8,225	0.54	4.66	14,688	7,932	0.54	5.02	13,872	7,491	0.54	5.33
26	16	12,104	11,862	0.98	4.34	11,560	11,329	0.98	4.66	11,016	10,796	0.98	5.04
26	18	13,056	11,228	0.86	4.45	12,648	10,877	0.86	4.79	11,832	10,176	0.86	5.15
26	20	14,144	10,467	0.74	4.57	13,600	10,064	0.74	4.88	12,784	9,460	0.74	5.24
26	22	15,232	9,444	0.62	4.66	14,688	9,107	0.62	5.02	13,872	8,601	0.62	5.33
27	16	12,104	12,104	1.00	4.34	11,560	11,560	1.00	4.66	11,016	11,016	1.00	5.04
27	18	13,056	11,750	0.90	4.45	12,648	11,383	0.90	4.79	11,832	10,649	0.90	5.15
27	20	14,144	11,032	0.78	4.57	13,600	10,608	0.78	4.88	12,784	9,972	0.78	5.24
27	22	15,232	10,053	0.66	4.66	14,688	9,694	0.66	5.02	13,872	9,156	0.66	5.33
28	16	12,104	12,104	1.00	4.34	11,560	11,560	1.00	4.66	11,016	11,016	1.00	5.04
28	18	13,056	12,273	0.94	4.45	12,648	11,889	0.94	4.79	11,832	11,122	0.94	5.15
28	20	14,144	11,598	0.82	4.57	13,600	11,152	0.82	4.88	12,784	10,483	0.82	5.24
28	22	15,232	10,662	0.70	4.66	14,688	10,282	0.70	5.02	13,872	9,710	0.70	5.33
30	16	12,104	12,104	1.00	4.34	11,560	11,560	1.00	4.66	11,016	11,016	1.00	5.04
30	18	13,056	13,056	1.00	4.45	12,648	12,648	1.00	4.79	11,832	11,832	1.00	5.15
30	20	14,144	12,730	0.90	4.57	13,600	12,240	0.90	4.88	12,784	11,506	0.90	5.24
30	22	15,232	11,881	0.78	4.66	14,688	11,457	0.78	5.02	13,872	10,820	0.78	5.33
32	16	12,104	12,104	1.00	4.34	11,560	11,560	1.00	4.66	11,016	11,016	1.00	5.04
32	18	13,056	13,056	1.00	4.45	12,648	12,648	1.00	4.79	11,832	11,832	1.00	5.15
32	20	14,144	13,861	0.98	4.57	13,600	13,328	0.98	4.88	12,784	12,528	0.98	5.24
32	22	15,232	13,100	0.86	4.66	14,688	12,632	0.86	5.02	13,872	11,930	0.86	5.33
34	16	12,104	12,104	1.00	4.34	11,560	11,560	1.00	4.66	11,016	11,016	1.00	5.04
34	18	13,056	13,056	1.00	4.45	12,648	12,648	1.00	4.79	11,832	11,832	1.00	5.15
34	20	14,144	14,144	1.00	4.57	13,600	13,600	1.00	4.88	12,784	12,784	1.00	5.24
34	22	15,232	14,318	0.94	4.66	14,688	13,807	0.94	5.02	13,872	13,040	0.94	5.33

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY
PEAD-RP100JALQ / PUHZ-P100VHA4, PUHZ-P100YHA2

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	6,980	0.75	2.48	9,024	6,768	0.75	2.62	8,742	6,557	0.75	2.78
20	18	9,964	6,277	0.63	2.53	9,682	6,100	0.63	2.67	9,353	5,892	0.63	2.85
20	20	10,716	5,465	0.51	2.61	10,481	5,345	0.51	2.73	10,199	5,201	0.51	2.92
22	16	9,306	7,724	0.83	2.48	9,024	7,490	0.83	2.62	8,742	7,256	0.83	2.78
22	18	9,964	7,074	0.71	2.53	9,682	6,874	0.71	2.67	9,353	6,641	0.71	2.85
22	20	10,716	6,322	0.59	2.61	10,481	6,184	0.59	2.73	10,199	6,017	0.59	2.92
24	16	9,306	8,468	0.91	2.48	9,024	8,212	0.91	2.62	8,742	7,955	0.91	2.78
24	18	9,964	7,872	0.79	2.53	9,682	7,649	0.79	2.67	9,353	7,389	0.79	2.85
24	20	10,716	7,180	0.67	2.61	10,481	7,022	0.67	2.73	10,199	6,833	0.67	2.92
24	22	11,421	6,282	0.55	2.67	11,186	6,152	0.55	2.82	10,904	5,997	0.55	3.01
26	16	9,306	9,213	0.99	2.48	9,024	8,934	0.99	2.62	8,742	8,655	0.99	2.78
26	18	9,964	8,669	0.87	2.53	9,682	8,423	0.87	2.67	9,353	8,137	0.87	2.85
26	20	10,716	8,037	0.75	2.61	10,481	7,861	0.75	2.73	10,199	7,649	0.75	2.92
26	22	11,421	7,195	0.63	2.67	11,186	7,047	0.63	2.82	10,904	6,870	0.63	3.01
27	16	9,306	9,306	1.00	2.48	9,024	9,024	1.00	2.62	8,742	8,742	1.00	2.78
27	18	9,964	9,067	0.91	2.53	9,682	8,811	0.91	2.67	9,353	8,511	0.91	2.85
27	20	10,716	8,466	0.79	2.61	10,481	8,280	0.79	2.73	10,199	8,057	0.79	2.92
27	22	11,421	7,652	0.67	2.67	11,186	7,495	0.67	2.82	10,904	7,306	0.67	3.01
28	16	9,306	9,306	1.00	2.48	9,024	9,024	1.00	2.62	8,742	8,742	1.00	2.78
28	18	9,964	9,466	0.95	2.53	9,682	9,198	0.95	2.67	9,353	8,885	0.95	2.85
28	20	10,716	8,894	0.83	2.61	10,481	8,699	0.83	2.73	10,199	8,465	0.83	2.92
28	22	11,421	8,109	0.71	2.67	11,186	7,942	0.71	2.82	10,904	7,742	0.71	3.01
30	16	9,306	9,306	1.00	2.48	9,024	9,024	1.00	2.62	8,742	8,742	1.00	2.78
30	18	9,964	9,964	1.00	2.53	9,682	9,682	1.00	2.67	9,353	9,353	1.00	2.85
30	20	10,716	9,752	0.91	2.61	10,481	9,538	0.91	2.73	10,199	9,281	0.91	2.92
30	22	11,421	9,023	0.79	2.67	11,186	8,837	0.79	2.82	10,904	8,614	0.79	3.01
32	16	9,306	9,306	1.00	2.48	9,024	9,024	1.00	2.62	8,742	8,742	1.00	2.78
32	18	9,964	9,964	1.00	2.53	9,682	9,682	1.00	2.67	9,353	9,353	1.00	2.85
32	20	10,716	10,609	0.99	2.61	10,481	10,376	0.99	2.73	10,199	10,097	0.99	2.92
32	22	11,421	9,936	0.87	2.67	11,186	9,732	0.87	2.82	10,904	9,486	0.87	3.01
34	16	9,306	9,306	1.00	2.48	9,024	9,024	1.00	2.62	8,742	8,742	1.00	2.78
34	18	9,964	9,964	1.00	2.53	9,682	9,682	1.00	2.67	9,353	9,353	1.00	2.85
34	20	10,716	10,716	1.00	2.61	10,481	10,481	1.00	2.73	10,199	10,199	1.00	2.92
34	22	11,421	10,850	0.95	2.67	11,186	10,627	0.95	2.82	10,904	10,359	0.95	3.01

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	6,275	0.75	2.98	7,990	5,993	0.75	3.20	7,614	5,711	0.75	3.46
20	18	9,024	5,685	0.63	3.06	8,742	5,507	0.63	3.29	8,178	5,152	0.63	3.54
20	20	9,776	4,986	0.51	3.13	9,400	4,794	0.51	3.35	8,836	4,506	0.51	3.60
22	16	8,366	6,944	0.83	2.98	7,990	6,632	0.83	3.20	7,614	6,320	0.83	3.46
22	18	9,024	6,407	0.71	3.06	8,742	6,207	0.71	3.29	8,178	5,806	0.71	3.54
22	20	9,776	5,768	0.59	3.13	9,400	5,546	0.59	3.35	8,836	5,213	0.59	3.60
24	16	8,366	7,613	0.91	2.98	7,990	7,271	0.91	3.20	7,614	6,929	0.91	3.46
24	18	9,024	7,129	0.79	3.06	8,742	6,906	0.79	3.29	8,178	6,461	0.79	3.54
24	20	9,776	6,550	0.67	3.13	9,400	6,298	0.67	3.35	8,836	5,920	0.67	3.60
24	22	10,528	5,790	0.55	3.20	10,152	5,584	0.55	3.44	9,588	5,273	0.55	3.66
26	16	8,366	8,282	0.99	2.98	7,990	7,910	0.99	3.20	7,614	7,538	0.99	3.46
26	18	9,024	7,851	0.87	3.06	8,742	7,606	0.87	3.29	8,178	7,115	0.87	3.54
26	20	9,776	7,332	0.75	3.13	9,400	7,050	0.75	3.35	8,836	6,627	0.75	3.60
26	22	10,528	6,633	0.63	3.20	10,152	6,396	0.63	3.44	9,588	6,040	0.63	3.66
27	16	8,366	8,366	1.00	2.98	7,990	7,990	1.00	3.20	7,614	7,614	1.00	3.46
27	18	9,024	8,212	0.91	3.06	8,742	7,955	0.91	3.29	8,178	7,442	0.91	3.54
27	20	9,776	7,723	0.79	3.13	9,400	7,426	0.79	3.35	8,836	6,980	0.79	3.60
27	22	10,528	7,054	0.67	3.20	10,152	6,802	0.67	3.44	9,588	6,424	0.67	3.66
28	16	8,366	8,366	1.00	2.98	7,990	7,990	1.00	3.20	7,614	7,614	1.00	3.46
28	18	9,024	8,573	0.95	3.06	8,742	8,305	0.95	3.29	8,178	7,769	0.95	3.54
28	20	9,776	8,114	0.83	3.13	9,400	7,802	0.83	3.35	8,836	7,334	0.83	3.60
28	22	10,528	7,475	0.71	3.20	10,152	7,208	0.71	3.44	9,588	6,807	0.71	3.66
30	16	8,366	8,366	1.00	2.98	7,990	7,990	1.00	3.20	7,614	7,614	1.00	3.46
30	18	9,024	9,024	1.00	3.06	8,742	8,742	1.00	3.29	8,178	8,178	1.00	3.54
30	20	9,776	8,896	0.91	3.13	9,400	8,554	0.91	3.35	8,836	8,041	0.91	3.60
30	22	10,528	8,317	0.79	3.20	10,152	8,020	0.79	3.44	9,588	7,575	0.79	3.66
32	16	8,366	8,366	1.00	2.98	7,990	7,990	1.00	3.20	7,614	7,614	1.00	3.46
32	18	9,024	9,024	1.00	3.06	8,742	8,742	1.00	3.29	8,178	8,178	1.00	3.54
32	20	9,776	9,678	0.99	3.13	9,400	9,306	0.99	3.35	8,836	8,748	0.99	3.60
32	22	10,528	9,159	0.87	3.20	10,152	8,832	0.87	3.44	9,588	8,342	0.87	3.66
34	16	8,366	8,366	1.00	2.98	7,990	7,990	1.00	3.20	7,614	7,614	1.00	3.46
34	18	9,024	9,024	1.00	3.06	8,742	8,742	1.00	3.29	8,178	8,178	1.00	3.54
34	20	9,776	9,776	1.00	3.13	9,400	9,400	1.00	3.35	8,836	8,836	1.00	3.60
34	22	10,528	10,002	0.95	3.20	10,152	9,644	0.95	3.44	9,588	9,109	0.95	3.66

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY
PEAD-RP125JALQ / PUHZ-P125VHA3, PUHZ-P125YHA

(230V)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 20 CA	SHC	SHF	P.C.	25 CA	SHC	SHF	P.C.	30 CA	SHC	SHF	P.C.
20	16	12,177	9,133	0.75	3.36	11,808	8,856	0.75	3.55	11,439	8,579	0.75	3.76
20	18	13,038	8,214	0.63	3.42	12,669	7,981	0.63	3.61	12,239	7,710	0.63	3.86
20	20	14,022	7,151	0.51	3.53	13,715	6,994	0.51	3.70	13,346	6,806	0.51	3.95
22	16	12,177	10,107	0.83	3.36	11,808	9,801	0.83	3.55	11,439	9,494	0.83	3.76
22	18	13,038	9,257	0.71	3.42	12,669	8,995	0.71	3.61	12,239	8,689	0.71	3.86
22	20	14,022	8,273	0.59	3.53	13,715	8,092	0.59	3.70	13,346	7,874	0.59	3.95
24	16	12,177	11,081	0.91	3.36	11,808	10,745	0.91	3.55	11,439	10,409	0.91	3.76
24	18	13,038	10,300	0.79	3.42	12,669	10,009	0.79	3.61	12,239	9,668	0.79	3.86
24	20	14,022	9,395	0.67	3.53	13,715	9,189	0.67	3.70	13,346	8,941	0.67	3.95
24	22	14,945	8,219	0.55	3.61	14,637	8,050	0.55	3.82	14,268	7,847	0.55	4.07
26	16	12,177	12,055	0.99	3.36	11,808	11,690	0.99	3.55	11,439	11,325	0.99	3.76
26	18	13,038	11,343	0.87	3.42	12,669	11,022	0.87	3.61	12,239	10,647	0.87	3.86
26	20	14,022	10,517	0.75	3.53	13,715	10,286	0.75	3.70	13,346	10,009	0.75	3.95
26	22	14,945	9,415	0.63	3.61	14,637	9,221	0.63	3.82	14,268	8,989	0.63	4.07
27	16	12,177	12,177	1.00	3.36	11,808	11,808	1.00	3.55	11,439	11,439	1.00	3.76
27	18	13,038	11,865	0.91	3.42	12,669	11,529	0.91	3.61	12,239	11,137	0.91	3.86
27	20	14,022	11,077	0.79	3.53	13,715	10,834	0.79	3.70	13,346	10,543	0.79	3.95
27	22	14,945	10,013	0.67	3.61	14,637	9,807	0.67	3.82	14,268	9,560	0.67	4.07
28	16	12,177	12,177	1.00	3.36	11,808	11,808	1.00	3.55	11,439	11,439	1.00	3.76
28	18	13,038	12,386	0.95	3.42	12,669	12,036	0.95	3.61	12,239	11,627	0.95	3.86
28	20	14,022	11,638	0.83	3.53	13,715	11,383	0.83	3.70	13,346	11,077	0.83	3.95
28	22	14,945	10,611	0.71	3.61	14,637	10,392	0.71	3.82	14,268	10,130	0.71	4.07
30	16	12,177	12,177	1.00	3.36	11,808	11,808	1.00	3.55	11,439	11,439	1.00	3.76
30	18	13,038	13,038	1.00	3.42	12,669	12,669	1.00	3.61	12,239	12,239	1.00	3.86
30	20	14,022	12,760	0.91	3.53	13,715	12,480	0.91	3.70	13,346	12,144	0.91	3.95
30	22	14,945	11,806	0.79	3.61	14,637	11,563	0.79	3.82	14,268	11,272	0.79	4.07
32	16	12,177	12,177	1.00	3.36	11,808	11,808	1.00	3.55	11,439	11,439	1.00	3.76
32	18	13,038	13,038	1.00	3.42	12,669	12,669	1.00	3.61	12,239	12,239	1.00	3.86
32	20	14,022	13,882	0.99	3.53	13,715	13,577	0.99	3.70	13,346	13,212	0.99	3.95
32	22	14,945	13,002	0.87	3.61	14,637	12,734	0.87	3.82	14,268	12,413	0.87	4.07
34	16	12,177	12,177	1.00	3.36	11,808	11,808	1.00	3.55	11,439	11,439	1.00	3.76
34	18	13,038	13,038	1.00	3.42	12,669	12,669	1.00	3.61	12,239	12,239	1.00	3.86
34	20	14,022	14,022	1.00	3.53	13,715	13,715	1.00	3.70	13,346	13,346	1.00	3.95
34	22	14,945	14,197	0.95	3.61	14,637	13,905	0.95	3.82	14,268	13,555	0.95	4.07

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 35 CA	SHC	SHF	P.C.	40 CA	SHC	SHF	P.C.	45 CA	SHC	SHF	P.C.
20	16	10,947	8,210	0.75	4.03	10,455	7,841	0.75	4.33	9,963	7,472	0.75	4.68
20	18	11,808	7,439	0.63	4.14	11,439	7,207	0.63	4.45	10,701	6,742	0.63	4.79
20	20	12,792	6,524	0.51	4.24	12,300	6,273	0.51	4.54	11,562	5,897	0.51	4.87
22	16	10,947	9,086	0.83	4.03	10,455	8,678	0.83	4.33	9,963	8,269	0.83	4.68
22	18	11,808	8,384	0.71	4.14	11,439	8,122	0.71	4.45	10,701	7,598	0.71	4.79
22	20	12,792	7,547	0.59	4.24	12,300	7,257	0.59	4.54	11,562	6,822	0.59	4.87
24	16	10,947	9,962	0.91	4.03	10,455	9,514	0.91	4.33	9,963	9,066	0.91	4.68
24	18	11,808	9,328	0.79	4.14	11,439	9,037	0.79	4.45	10,701	8,454	0.79	4.79
24	20	12,792	8,571	0.67	4.24	12,300	8,241	0.67	4.54	11,562	7,747	0.67	4.87
24	22	13,776	7,577	0.55	4.33	13,284	7,306	0.55	4.66	12,546	6,900	0.55	4.96
26	16	10,947	10,838	0.99	4.03	10,455	10,350	0.99	4.33	9,963	9,863	0.99	4.68
26	18	11,808	10,273	0.87	4.14	11,439	9,952	0.87	4.45	10,701	9,310	0.87	4.79
26	20	12,792	9,594	0.75	4.24	12,300	9,225	0.75	4.54	11,562	8,672	0.75	4.87
26	22	13,776	8,679	0.63	4.33	13,284	8,369	0.63	4.66	12,546	7,904	0.63	4.96
27	16	10,947	10,947	1.00	4.03	10,455	10,455	1.00	4.33	9,963	9,963	1.00	4.68
27	18	11,808	10,745	0.91	4.14	11,439	10,409	0.91	4.45	10,701	9,738	0.91	4.79
27	20	12,792	10,106	0.79	4.24	12,300	9,717	0.79	4.54	11,562	9,134	0.79	4.87
27	22	13,776	9,230	0.67	4.33	13,284	8,900	0.67	4.66	12,546	8,406	0.67	4.96
28	16	10,947	10,947	1.00	4.03	10,455	10,455	1.00	4.33	9,963	9,963	1.00	4.68
28	18	11,808	11,218	0.95	4.14	11,439	10,867	0.95	4.45	10,701	10,166	0.95	4.79
28	20	12,792	10,617	0.83	4.24	12,300	10,209	0.83	4.54	11,562	9,596	0.83	4.87
28	22	13,776	9,781	0.71	4.33	13,284	9,432	0.71	4.66	12,546	8,908	0.71	4.96
30	16	10,947	10,947	1.00	4.03	10,455	10,455	1.00	4.33	9,963	9,963	1.00	4.68
30	18	11,808	11,808	1.00	4.14	11,439	11,439	1.00	4.45	10,701	10,701	1.00	4.79
30	20	12,792	11,641	0.91	4.24	12,300	11,193	0.91	4.54	11,562	10,521	0.91	4.87
30	22	13,776	10,883	0.79	4.33	13,284	10,494	0.79	4.66	12,546	9,911	0.79	4.96
32	16	10,947	10,947	1.00	4.03	10,455	10,455	1.00	4.33	9,963	9,963	1.00	4.68
32	18	11,808	11,808	1.00	4.14	11,439	11,439	1.00	4.45	10,701	10,701	1.00	4.79
32	20	12,792	12,664	0.99	4.24	12,300	12,177	0.99	4.54	11,562	11,446	0.99	4.87
32	22	13,776	11,985	0.87	4.33	13,284	11,557	0.87	4.66	12,546	10,915	0.87	4.96
34	16	10,947	10,947	1.00	4.03	10,455	10,455	1.00	4.33	9,963	9,963	1.00	4.68
34	18	11,808	11,808	1.00	4.14	11,439	11,439	1.00	4.45	10,701	10,701	1.00	4.79
34	20	12,792	12,792	1.00	4.24	12,300	12,300	1.00	4.54	11,562	11,562	1.00	4.87
34	22	13,776	13,087	0.95	4.33	13,284	12,620	0.95	4.66	12,546	11,919	0.95	4.96

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY
PEAD-RP140JALQ / PUHZ-P140VHA3, PUHZ-P140YHA

(230V)

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 20 CA	20 SHC	20 SHF	20 P.C.	25 CA	25 SHC	25 SHF	25 P.C.	30 CA	30 SHC	30 SHF	30 P.C.
20	16	13,464	9,963	0.74	3.60	13,056	9,661	0.74	3.80	12,648	9,360	0.74	4.03
20	18	14,416	8,938	0.62	3.67	14,008	8,685	0.62	3.87	13,532	8,390	0.62	4.14
20	20	15,504	7,752	0.50	3.78	15,164	7,582	0.50	3.96	14,756	7,378	0.50	4.23
22	16	13,464	11,040	0.82	3.60	13,056	10,706	0.82	3.80	12,648	10,371	0.82	4.03
22	18	14,416	10,091	0.70	3.67	14,008	9,806	0.70	3.87	13,532	9,472	0.70	4.14
22	20	15,504	8,992	0.58	3.78	15,164	8,795	0.58	3.96	14,756	8,558	0.58	4.23
24	16	13,464	12,118	0.90	3.60	13,056	11,750	0.90	3.80	12,648	11,383	0.90	4.03
24	18	14,416	11,244	0.78	3.67	14,008	10,926	0.78	3.87	13,532	10,555	0.78	4.14
24	20	15,504	10,233	0.66	3.78	15,164	10,008	0.66	3.96	14,756	9,739	0.66	4.23
24	22	16,524	8,923	0.54	3.87	16,184	8,739	0.54	4.10	15,776	8,519	0.54	4.37
26	16	13,464	13,195	0.98	3.60	13,056	12,795	0.98	3.80	12,648	12,395	0.98	4.03
26	18	14,416	12,398	0.86	3.67	14,008	12,047	0.86	3.87	13,532	11,638	0.86	4.14
26	20	15,504	11,473	0.74	3.78	15,164	11,221	0.74	3.96	14,756	10,919	0.74	4.23
26	22	16,524	10,245	0.62	3.87	16,184	10,034	0.62	4.10	15,776	9,781	0.62	4.37
27	16	13,464	13,464	1.00	3.60	13,056	13,056	1.00	3.80	12,648	12,648	1.00	4.03
27	18	14,416	12,974	0.90	3.67	14,008	12,607	0.90	3.87	13,532	12,179	0.90	4.14
27	20	15,504	12,093	0.78	3.78	15,164	11,828	0.78	3.96	14,756	11,510	0.78	4.23
27	22	16,524	10,906	0.66	3.87	16,184	10,681	0.66	4.10	15,776	10,412	0.66	4.37
28	16	13,464	13,464	1.00	3.60	13,056	13,056	1.00	3.80	12,648	12,648	1.00	4.03
28	18	14,416	13,551	0.94	3.67	14,008	13,168	0.94	3.87	13,532	12,720	0.94	4.14
28	20	15,504	12,713	0.82	3.78	15,164	12,434	0.82	3.96	14,756	12,100	0.82	4.23
28	22	16,524	11,567	0.70	3.87	16,184	11,329	0.70	4.10	15,776	11,043	0.70	4.37
30	16	13,464	13,464	1.00	3.60	13,056	13,056	1.00	3.80	12,648	12,648	1.00	4.03
30	18	14,416	14,416	1.00	3.67	14,008	14,008	1.00	3.87	13,532	13,532	1.00	4.14
30	20	15,504	13,954	0.90	3.78	15,164	13,648	0.90	3.96	14,756	13,280	0.90	4.23
30	22	16,524	12,889	0.78	3.87	16,184	12,624	0.78	4.10	15,776	12,305	0.78	4.37
32	16	13,464	13,464	1.00	3.60	13,056	13,056	1.00	3.80	12,648	12,648	1.00	4.03
32	18	14,416	14,416	1.00	3.67	14,008	14,008	1.00	3.87	13,532	13,532	1.00	4.14
32	20	15,504	15,194	0.98	3.78	15,164	14,861	0.98	3.96	14,756	14,461	0.98	4.23
32	22	16,524	14,211	0.86	3.87	16,184	13,918	0.86	4.10	15,776	13,567	0.86	4.37
34	16	13,464	13,464	1.00	3.60	13,056	13,056	1.00	3.80	12,648	12,648	1.00	4.03
34	18	14,416	14,416	1.00	3.67	14,008	14,008	1.00	3.87	13,532	13,532	1.00	4.14
34	20	15,504	15,504	1.00	3.78	15,164	15,164	1.00	3.96	14,756	14,756	1.00	4.23
34	22	16,524	15,533	0.94	3.87	16,184	15,213	0.94	4.10	15,776	14,829	0.94	4.37

Indoor intake air D.B.(°C)	Indoor intake air W.B.(°C)	Outdoor intake air D.B. (°C) 35 CA	35 SHC	35 SHF	35 P.C.	40 CA	40 SHC	40 SHF	40 P.C.	45 CA	45 SHC	45 SHF	45 P.C.
20	16	12,104	8,957	0.74	4.32	11,560	8,554	0.74	4.64	11,016	8,152	0.74	5.02
20	18	13,056	8,095	0.62	4.43	12,648	7,842	0.62	4.77	11,832	7,336	0.62	5.13
20	20	14,144	7,072	0.50	4.55	13,600	6,800	0.50	4.86	12,784	6,392	0.50	5.22
22	16	12,104	9,925	0.82	4.32	11,560	9,479	0.82	4.64	11,016	9,033	0.82	5.02
22	18	13,056	9,139	0.70	4.43	12,648	8,854	0.70	4.77	11,832	8,282	0.70	5.13
22	20	14,144	8,204	0.58	4.55	13,600	7,888	0.58	4.86	12,784	7,415	0.58	5.22
24	16	12,104	10,894	0.90	4.32	11,560	10,404	0.90	4.64	11,016	9,914	0.90	5.02
24	18	13,056	10,184	0.78	4.43	12,648	9,865	0.78	4.77	11,832	9,229	0.78	5.13
24	20	14,144	9,335	0.66	4.55	13,600	8,976	0.66	4.86	12,784	8,437	0.66	5.22
24	22	15,232	8,225	0.54	4.64	14,688	7,932	0.54	5.00	13,872	7,491	0.54	5.31
26	16	12,104	11,862	0.98	4.32	11,560	11,329	0.98	4.64	11,016	10,796	0.98	5.02
26	18	13,056	11,228	0.86	4.43	12,648	10,877	0.86	4.77	11,832	10,176	0.86	5.13
26	20	14,144	10,467	0.74	4.55	13,600	10,064	0.74	4.86	12,784	9,460	0.74	5.22
26	22	15,232	9,444	0.62	4.64	14,688	9,107	0.62	5.00	13,872	8,601	0.62	5.31
27	16	12,104	12,104	1.00	4.32	11,560	11,560	1.00	4.64	11,016	11,016	1.00	5.02
27	18	13,056	11,750	0.90	4.43	12,648	11,383	0.90	4.77	11,832	10,649	0.90	5.13
27	20	14,144	11,032	0.78	4.55	13,600	10,608	0.78	4.86	12,784	9,972	0.78	5.22
27	22	15,232	10,053	0.66	4.64	14,688	9,694	0.66	5.00	13,872	9,156	0.66	5.31
28	16	12,104	12,104	1.00	4.32	11,560	11,560	1.00	4.64	11,016	11,016	1.00	5.02
28	18	13,056	12,273	0.94	4.43	12,648	11,889	0.94	4.77	11,832	11,122	0.94	5.13
28	20	14,144	11,598	0.82	4.55	13,600	11,152	0.82	4.86	12,784	10,483	0.82	5.22
28	22	15,232	10,662	0.70	4.64	14,688	10,282	0.70	5.00	13,872	9,710	0.70	5.31
30	16	12,104	12,104	1.00	4.32	11,560	11,560	1.00	4.64	11,016	11,016	1.00	5.02
30	18	13,056	13,056	1.00	4.43	12,648	12,648	1.00	4.77	11,832	11,832	1.00	5.13
30	20	14,144	12,730	0.90	4.55	13,600	12,240	0.90	4.86	12,784	11,506	0.90	5.22
30	22	15,232	11,881	0.78	4.64	14,688	11,457	0.78	5.00	13,872	10,820	0.78	5.31
32	16	12,104	12,104	1.00	4.32	11,560	11,560	1.00	4.64	11,016	11,016	1.00	5.02
32	18	13,056	13,056	1.00	4.43	12,648	12,648	1.00	4.77	11,832	11,832	1.00	5.13
32	20	14,144	13,861	0.98	4.55	13,600	13,328	0.98	4.86	12,784	12,528	0.98	5.22
32	22	15,232	13,100	0.86	4.64	14,688	12,632	0.86	5.00	13,872	11,930	0.86	5.31
34	16	12,104	12,104	1.00	4.32	11,560	11,560	1.00	4.64	11,016	11,016	1.00	5.02
34	18	13,056	13,056	1.00	4.43	12,648	12,648	1.00	4.77	11,832	11,832	1.00	5.13
34	20	14,144	14,144	1.00	4.55	13,600	13,600	1.00	4.86	12,784	12,784	1.00	5.22
34	22	15,232	14,318	0.94	4.64	14,688	13,807	0.94	5.00	13,872	13,040	0.94	5.31

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY
PEAD-SP71JA(L) / SUZ-SA71VA2

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	8,343	5,423	0.65	1.880	7,988	5,192	0.65	1.974	7,668	4,984	0.65	2.068	7,384	4,800	0.65	2.162
21	20	8,698	4,610	0.53	1.974	8,343	4,422	0.53	2.092	8,094	4,290	0.53	2.139	7,810	4,139	0.53	2.233
22	18	8,343	5,756	0.69	1.880	7,988	5,511	0.69	1.974	7,668	5,291	0.69	2.068	7,384	5,095	0.69	2.162
22	20	8,698	4,958	0.57	1.974	8,343	4,755	0.57	2.092	8,094	4,614	0.57	2.139	7,810	4,452	0.57	2.233
22	22	9,053	4,074	0.45	2.045	8,733	3,930	0.45	2.174	8,520	3,834	0.45	2.233	8,165	3,674	0.45	2.327
23	18	8,343	6,090	0.73	1.880	7,988	5,831	0.73	1.974	7,668	5,598	0.73	2.068	7,384	5,390	0.73	2.162
23	20	8,698	5,305	0.61	1.974	8,343	5,089	0.61	2.092	8,094	4,937	0.61	2.139	7,810	4,764	0.61	2.233
23	22	9,053	4,436	0.49	2.045	8,733	4,279	0.49	2.174	8,520	4,175	0.49	2.233	8,165	4,001	0.49	2.327
24	18	8,343	6,424	0.77	1.880	7,988	6,150	0.77	1.974	7,668	5,904	0.77	2.068	7,384	5,686	0.77	2.162
24	20	8,698	5,653	0.65	1.974	8,343	5,423	0.65	2.092	8,094	5,261	0.65	2.139	7,810	5,077	0.65	2.233
24	22	9,053	4,798	0.53	2.045	8,733	4,628	0.53	2.174	8,520	4,516	0.53	2.233	8,165	4,327	0.53	2.327
24	24	9,514	3,901	0.41	2.139	9,159	3,755	0.41	2.256	8,946	3,668	0.41	2.327	8,662	3,551	0.41	2.444
25	20	8,698	6,001	0.69	1.974	8,343	5,756	0.69	2.092	8,094	5,585	0.69	2.139	7,810	5,389	0.69	2.233
25	22	9,053	5,160	0.57	2.045	8,733	4,978	0.57	2.174	8,520	4,856	0.57	2.233	8,165	4,654	0.57	2.327
25	24	9,514	4,281	0.45	2.139	9,159	4,122	0.45	2.256	8,946	4,026	0.45	2.327	8,662	3,898	0.45	2.444
26	18	8,343	7,091	0.85	1.880	7,988	6,789	0.85	1.974	7,668	6,518	0.85	2.068	7,384	6,276	0.85	2.162
26	20	8,698	6,349	0.73	1.974	8,343	6,090	0.73	2.092	8,094	5,909	0.73	2.139	7,810	5,701	0.73	2.233
26	22	9,053	5,522	0.61	2.045	8,733	5,327	0.61	2.174	8,520	5,197	0.61	2.233	8,165	4,981	0.61	2.327
26	24	9,514	4,662	0.49	2.139	9,159	4,488	0.49	2.256	8,946	4,384	0.49	2.327	8,662	4,244	0.49	2.444
26	26	9,798	3,625	0.37	2.256	9,514	3,520	0.37	2.374	9,372	3,468	0.37	2.444	9,088	3,363	0.37	2.515
27	18	8,343	7,425	0.89	1.880	7,988	7,109	0.89	1.974	7,668	6,825	0.89	2.068	7,384	6,572	0.89	2.162
27	20	8,698	6,697	0.77	1.974	8,343	6,424	0.77	2.092	8,094	6,232	0.77	2.139	7,810	6,014	0.77	2.233
27	22	9,053	5,884	0.65	2.045	8,733	5,676	0.65	2.174	8,520	5,538	0.65	2.233	8,165	5,307	0.65	2.327
27	24	9,514	5,042	0.53	2.139	9,159	4,854	0.53	2.256	8,946	4,741	0.53	2.327	8,662	4,591	0.53	2.444
27	26	9,798	4,017	0.41	2.256	9,514	3,901	0.41	2.374	9,372	3,843	0.41	2.444	9,088	3,726	0.41	2.515
28	18	8,343	7,759	0.93	1.880	7,988	7,428	0.93	1.974	7,668	7,131	0.93	2.068	7,384	6,867	0.93	2.162
28	20	8,698	7,045	0.81	1.974	8,343	6,757	0.81	2.092	8,094	6,556	0.81	2.139	7,810	6,326	0.81	2.233
28	22	9,053	6,246	0.69	2.045	8,733	6,026	0.69	2.174	8,520	5,879	0.69	2.233	8,165	5,634	0.69	2.327
28	24	9,514	5,423	0.57	2.139	9,159	5,221	0.57	2.256	8,946	5,099	0.57	2.327	8,662	4,937	0.57	2.444
28	26	9,798	4,409	0.45	2.256	9,514	4,281	0.45	2.374	9,372	4,217	0.45	2.444	9,088	4,090	0.45	2.515
29	18	8,343	8,092	0.97	1.880	7,988	7,748	0.97	1.974	7,668	7,438	0.97	2.068	7,384	7,162	0.97	2.162
29	20	8,698	7,393	0.85	1.974	8,343	7,091	0.85	2.092	8,094	6,880	0.85	2.139	7,810	6,639	0.85	2.233
29	22	9,053	6,608	0.73	2.045	8,733	6,375	0.73	2.174	8,520	6,220	0.73	2.233	8,165	5,960	0.73	2.327
29	24	9,514	5,804	0.61	2.139	9,159	5,587	0.61	2.256	8,946	5,457	0.61	2.327	8,662	5,284	0.61	2.444
29	26	9,798	4,801	0.49	2.256	9,514	4,662	0.49	2.374	9,372	4,592	0.49	2.444	9,088	4,453	0.49	2.515
30	18	8,343	8,426	1.01	1.880	7,988	8,067	1.01	1.974	7,668	7,745	1.01	2.068	7,384	7,458	1.01	2.162
30	20	8,698	7,741	0.89	1.974	8,343	7,425	0.89	2.092	8,094	7,204	0.89	2.139	7,810	6,951	0.89	2.233
30	22	9,053	6,970	0.77	2.045	8,733	6,724	0.77	2.174	8,520	6,560	0.77	2.233	8,165	6,287	0.77	2.327
30	24	9,514	6,184	0.65	2.139	9,159	5,953	0.65	2.256	8,946	5,815	0.65	2.327	8,662	5,630	0.65	2.444
30	26	9,798	5,193	0.53	2.256	9,514	5,042	0.53	2.374	9,372	4,967	0.53	2.444	9,088	4,817	0.53	2.515
31	18	8,343	8,760	1.05	1.880	7,988	8,387	1.05	1.974	7,668	8,051	1.05	2.068	7,384	7,753	1.05	2.162
31	20	8,698	8,089	0.93	1.974	8,343	7,759	0.93	2.092	8,094	7,527	0.93	2.139	7,810	7,263	0.93	2.233
31	22	9,053	7,333	0.81	2.045	8,733	7,074	0.81	2.174	8,520	6,901	0.81	2.233	8,165	6,614	0.81	2.327
31	24	9,514	6,565	0.69	2.139	9,159	6,320	0.69	2.256	8,946	6,173	0.69	2.327	8,662	5,977	0.69	2.444
31	26	9,798	5,585	0.57	2.256	9,514	5,423	0.57	2.374	9,372	5,342	0.57	2.444	9,088	5,180	0.57	2.515
32	18	8,343	9,093	1.09	1.880	7,988	8,706	1.09	1.974	7,668	8,358	1.09	2.068	7,384	8,049	1.09	2.162
32	20	8,698	8,437	0.97	1.974	8,343	8,092	0.97	2.092	8,094	7,851	0.97	2.139	7,810	7,576	0.97	2.233
32	22	9,053	7,695	0.85	2.045	8,733	7,423	0.85	2.174	8,520	7,242	0.85	2.233	8,165	6,940	0.85	2.327
32	24	9,514	6,945	0.73	2.139	9,159	6,686	0.73	2.256	8,946	6,531	0.73	2.327	8,662	6,323	0.73	2.444
32	26	9,798	5,977	0.61	2.256	9,514	5,804	0.61	2.374	9,372	5,717	0.61	2.444	9,088	5,544	0.61	2.515

Note: Q : Capacity (W)
INPUT. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SP71JA(L) / SUZ-SA71VA2

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	6,958	4,523	0.65	2.303	6,390	4,154	0.65	2.444	5,893	3,830	0.65	2.538
21	20	7,313	3,876	0.53	2.397	6,816	3,612	0.53	2.515	6,319	3,349	0.53	2.656
22	18	6,958	4,801	0.69	2.303	6,390	4,409	0.69	2.444	5,893	4,066	0.69	2.538
22	20	7,313	4,168	0.57	2.397	6,816	3,885	0.57	2.515	6,319	3,602	0.57	2.656
22	22	7,739	3,483	0.45	2.491	7,242	3,259	0.45	2.632	6,745	3,035	0.45	2.726
23	18	6,958	5,079	0.73	2.303	6,390	4,665	0.73	2.444	5,893	4,302	0.73	2.538
23	20	7,313	4,461	0.61	2.397	6,816	4,158	0.61	2.515	6,319	3,855	0.61	2.656
23	22	7,739	3,792	0.49	2.491	7,242	3,549	0.49	2.632	6,745	3,305	0.49	2.726
24	18	6,958	5,358	0.77	2.303	6,390	4,920	0.77	2.444	5,893	4,538	0.77	2.538
24	20	7,313	4,753	0.65	2.397	6,816	4,430	0.65	2.515	6,319	4,107	0.65	2.656
24	22	7,739	4,102	0.53	2.491	7,242	3,838	0.53	2.632	6,745	3,575	0.53	2.726
24	24	8,165	3,348	0.41	2.585	7,668	3,144	0.41	2.703	7,242	2,969	0.41	2.820
25	20	7,313	5,046	0.69	2.397	6,816	4,703	0.69	2.515	6,319	4,360	0.69	2.656
25	22	7,739	4,411	0.57	2.491	7,242	4,128	0.57	2.632	6,745	3,845	0.57	2.726
25	24	8,165	3,674	0.45	2.585	7,668	3,451	0.45	2.703	7,242	3,259	0.45	2.820
26	18	6,958	5,914	0.85	2.303	6,390	5,432	0.85	2.444	5,893	5,009	0.85	2.538
26	20	7,313	5,338	0.73	2.397	6,816	4,976	0.73	2.515	6,319	4,613	0.73	2.656
26	22	7,739	4,721	0.61	2.491	7,242	4,418	0.61	2.632	6,745	4,114	0.61	2.726
26	24	8,165	4,001	0.49	2.585	7,668	3,757	0.49	2.703	7,242	3,549	0.49	2.820
26	26	8,591	3,179	0.37	2.679	8,094	2,995	0.37	2.797	7,597	2,811	0.37	2.914
27	18	6,958	6,193	0.89	2.303	6,390	5,687	0.89	2.444	5,893	5,245	0.89	2.538
27	20	7,313	5,631	0.77	2.397	6,816	5,248	0.77	2.515	6,319	4,866	0.77	2.656
27	22	7,739	5,030	0.65	2.491	7,242	4,707	0.65	2.632	6,745	4,384	0.65	2.726
27	24	8,165	4,327	0.53	2.585	7,668	4,064	0.53	2.703	7,242	3,838	0.53	2.820
27	26	8,591	3,522	0.41	2.679	8,094	3,319	0.41	2.797	7,597	3,115	0.41	2.914
28	18	6,958	6,471	0.93	2.303	6,390	5,943	0.93	2.444	5,893	5,480	0.93	2.538
28	20	7,313	5,924	0.81	2.397	6,816	5,521	0.81	2.515	6,319	5,118	0.81	2.656
28	22	7,739	5,340	0.69	2.491	7,242	4,997	0.69	2.632	6,745	4,654	0.69	2.726
28	24	8,165	4,654	0.57	2.585	7,668	4,371	0.57	2.703	7,242	4,128	0.57	2.820
28	26	8,591	3,866	0.45	2.679	8,094	3,642	0.45	2.797	7,597	3,419	0.45	2.914
29	18	6,958	6,749	0.97	2.303	6,390	6,198	0.97	2.444	5,893	5,716	0.97	2.538
29	20	7,313	6,216	0.85	2.397	6,816	5,794	0.85	2.515	6,319	5,371	0.85	2.656
29	22	7,739	5,649	0.73	2.491	7,242	5,287	0.73	2.632	6,745	4,924	0.73	2.726
29	24	8,165	4,981	0.61	2.585	7,668	4,677	0.61	2.703	7,242	4,418	0.61	2.820
29	26	8,591	4,210	0.49	2.679	8,094	3,966	0.49	2.797	7,597	3,723	0.49	2.914
30	18	6,958	7,028	1.01	2.303	6,390	6,454	1.01	2.444	5,893	5,952	1.01	2.538
30	20	7,313	6,509	0.89	2.397	6,816	6,066	0.89	2.515	6,319	5,624	0.89	2.656
30	22	7,739	5,959	0.77	2.491	7,242	5,576	0.77	2.632	6,745	5,194	0.77	2.726
30	24	8,165	5,307	0.65	2.585	7,668	4,984	0.65	2.703	7,242	4,707	0.65	2.820
30	26	8,591	4,553	0.53	2.679	8,094	4,290	0.53	2.797	7,597	4,026	0.53	2.914
31	18	6,958	7,306	1.05	2.303	6,390	6,710	1.05	2.444	5,893	6,188	1.05	2.538
31	20	7,313	6,801	0.93	2.397	6,816	6,339	0.93	2.515	6,319	5,877	0.93	2.656
31	22	7,739	6,269	0.81	2.491	7,242	5,866	0.81	2.632	6,745	5,463	0.81	2.726
31	24	8,165	5,634	0.69	2.585	7,668	5,291	0.69	2.703	7,242	4,997	0.69	2.820
31	26	8,591	4,897	0.57	2.679	8,094	4,614	0.57	2.797	7,597	4,330	0.57	2.914
32	18	6,958	7,584	1.09	2.303	6,390	6,965	1.09	2.444	5,893	6,423	1.09	2.538
32	20	7,313	7,094	0.97	2.397	6,816	6,612	0.97	2.515	6,319	6,129	0.97	2.656
32	22	7,739	6,578	0.85	2.491	7,242	6,156	0.85	2.632	6,745	5,733	0.85	2.726
32	24	8,165	5,960	0.73	2.585	7,668	5,598	0.73	2.703	7,242	5,287	0.73	2.820
32	26	8,591	5,241	0.61	2.679	8,094	4,937	0.61	2.797	7,597	4,634	0.61	2.914

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SP100JA(L) / SUZ-SA100VA

(230V)

		OUTDOOR DB(℃)															
INDOOR	INDOOR	21				25				27				30			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	11,045	7,952	0.72	2.496	10,575	7,614	0.72	2.621	10,152	7,309	0.72	2.746	9,776	7,039	0.72	2.870
21	20	11,515	6,909	0.60	2.621	11,045	6,627	0.60	2.777	10,716	6,430	0.60	2.839	10,340	6,204	0.60	2.964
22	18	11,045	8,394	0.76	2.496	10,575	8,037	0.76	2.621	10,152	7,716	0.76	2.746	9,776	7,430	0.76	2.870
22	20	11,515	7,370	0.64	2.621	11,045	7,069	0.64	2.777	10,716	6,858	0.64	2.839	10,340	6,618	0.64	2.964
22	22	11,985	6,232	0.52	2.714	11,562	6,012	0.52	2.886	11,280	5,866	0.52	2.964	10,810	5,621	0.52	3.089
23	18	11,045	8,836	0.80	2.496	10,575	8,460	0.80	2.621	10,152	8,122	0.80	2.746	9,776	7,821	0.80	2.870
23	20	11,515	7,830	0.68	2.621	11,045	7,511	0.68	2.777	10,716	7,287	0.68	2.839	10,340	7,031	0.68	2.964
23	22	11,985	6,712	0.56	2.714	11,562	6,475	0.56	2.886	11,280	6,317	0.56	2.964	10,810	6,054	0.56	3.089
24	18	11,045	9,278	0.84	2.496	10,575	8,883	0.84	2.621	10,152	8,528	0.84	2.746	9,776	8,212	0.84	2.870
24	20	11,515	8,291	0.72	2.621	11,045	7,952	0.72	2.777	10,716	7,716	0.72	2.839	10,340	7,445	0.72	2.964
24	22	11,985	7,191	0.60	2.714	11,562	6,937	0.60	2.886	11,280	6,768	0.60	2.964	10,810	6,486	0.60	3.089
24	24	12,596	6,046	0.48	2.839	12,126	5,820	0.48	2.995	11,844	5,685	0.48	3.089	11,468	5,505	0.48	3.245
25	20	11,515	8,751	0.76	2.621	11,045	8,394	0.76	2.777	10,716	8,144	0.76	2.839	10,340	7,858	0.76	2.964
25	22	11,985	7,670	0.64	2.714	11,562	7,400	0.64	2.886	11,280	7,219	0.64	2.964	10,810	6,918	0.64	3.089
25	24	12,596	6,550	0.52	2.839	12,126	6,306	0.52	2.995	11,844	6,159	0.52	3.089	11,468	5,963	0.52	3.245
26	18	11,045	10,161	0.92	2.496	10,575	9,729	0.92	2.621	10,152	9,340	0.92	2.746	9,776	8,994	0.92	2.870
26	20	11,515	9,212	0.80	2.621	11,045	8,836	0.80	2.777	10,716	8,573	0.80	2.839	10,340	8,272	0.80	2.964
26	22	11,985	8,150	0.68	2.714	11,562	7,862	0.68	2.886	11,280	7,670	0.68	2.964	10,810	7,351	0.68	3.089
26	24	12,596	7,054	0.56	2.839	12,126	6,791	0.56	2.995	11,844	6,633	0.56	3.089	11,468	6,422	0.56	3.245
26	26	12,972	5,708	0.44	2.995	12,596	5,542	0.44	3.151	12,408	5,460	0.44	3.245	12,032	5,294	0.44	3.338
27	18	11,045	10,603	0.96	2.496	10,575	10,152	0.96	2.621	10,152	9,746	0.96	2.746	9,776	9,385	0.96	2.870
27	20	11,515	9,673	0.84	2.621	11,045	9,278	0.84	2.777	10,716	9,001	0.84	2.839	10,340	8,686	0.84	2.964
27	22	11,985	8,629	0.72	2.714	11,562	8,325	0.72	2.886	11,280	8,122	0.72	2.964	10,810	7,783	0.72	3.089
27	24	12,596	7,558	0.60	2.839	12,126	7,276	0.60	2.995	11,844	7,106	0.60	3.089	11,468	6,881	0.60	3.245
27	26	12,972	6,227	0.48	2.995	12,596	6,046	0.48	3.151	12,408	5,956	0.48	3.245	12,032	5,775	0.48	3.338
28	18	11,045	11,045	1.00	2.496	10,575	10,575	1.00	2.621	10,152	10,152	1.00	2.746	9,776	9,776	1.00	2.870
28	20	11,515	10,133	0.88	2.621	11,045	9,720	0.88	2.777	10,716	9,430	0.88	2.839	10,340	9,099	0.88	2.964
28	22	11,985	9,109	0.76	2.714	11,562	8,787	0.76	2.886	11,280	8,573	0.76	2.964	10,810	8,216	0.76	3.089
28	24	12,596	8,061	0.64	2.839	12,126	7,761	0.64	2.995	11,844	7,580	0.64	3.089	11,468	7,340	0.64	3.245
28	26	12,972	6,745	0.52	2.995	12,596	6,550	0.52	3.151	12,408	6,452	0.52	3.245	12,032	6,257	0.52	3.338
29	18	11,045	11,487	1.04	2.496	10,575	10,998	1.04	2.621	10,152	10,558	1.04	2.746	9,776	10,167	1.04	2.870
29	20	11,515	10,594	0.92	2.621	11,045	10,161	0.92	2.777	10,716	9,859	0.92	2.839	10,340	9,513	0.92	2.964
29	22	11,985	9,588	0.80	2.714	11,562	9,250	0.80	2.886	11,280	9,024	0.80	2.964	10,810	8,648	0.80	3.089
29	24	12,596	8,565	0.68	2.839	12,126	8,246	0.68	2.995	11,844	8,054	0.68	3.089	11,468	7,798	0.68	3.245
29	26	12,972	7,264	0.56	2.995	12,596	7,054	0.56	3.151	12,408	6,948	0.56	3.245	12,032	6,738	0.56	3.338
30	18	11,045	11,929	1.08	2.496	10,575	11,421	1.08	2.621	10,152	10,964	1.08	2.746	9,776	10,558	1.08	2.870
30	20	11,515	11,054	0.96	2.621	11,045	10,603	0.96	2.777	10,716	10,287	0.96	2.839	10,340	9,926	0.96	2.964
30	22	11,985	10,067	0.84	2.714	11,562	9,712	0.84	2.886	11,280	9,475	0.84	2.964	10,810	9,080	0.84	3.089
30	24	12,596	9,069	0.72	2.839	12,126	8,731	0.72	2.995	11,844	8,528	0.72	3.089	11,468	8,257	0.72	3.245
30	26	12,972	7,783	0.60	2.995	12,596	7,558	0.60	3.151	12,408	7,445	0.60	3.245	12,032	7,219	0.60	3.338
31	18	11,045	12,370	1.12	2.496	10,575	11,844	1.12	2.621	10,152	11,370	1.12	2.746	9,776	10,949	1.12	2.870
31	20	11,515	11,515	1.00	2.621	11,045	11,045	1.00	2.777	10,716	10,716	1.00	2.839	10,340	10,340	1.00	2.964
31	22	11,985	10,547	0.88	2.714	11,562	10,175	0.88	2.886	11,280	9,926	0.88	2.964	10,810	9,513	0.88	3.089
31	24	12,596	9,573	0.76	2.839	12,126	9,216	0.76	2.995	11,844	9,001	0.76	3.089	11,468	8,716	0.76	3.245
31	26	12,972	8,302	0.64	2.995	12,596	8,061	0.64	3.151	12,408	7,941	0.64	3.245	12,032	7,700	0.64	3.338
32	18	11,045	12,812	1.16	2.496	10,575	12,267	1.16	2.621	10,152	11,776	1.16	2.746	9,776	11,340	1.16	2.870
32	20	11,515	11,976	1.04	2.621	11,045	11,487	1.04	2.777	10,716	11,145	1.04	2.839	10,340	10,754	1.04	2.964
32	22	11,985	11,026	0.92	2.714	11,562	10,637	0.92	2.886	11,280	10,378	0.92	2.964	10,810	9,945	0.92	3.089
32	24	12,596	10,077	0.80	2.839	12,126	9,701	0.80	2.995	11,844	9,475	0.80	3.089	11,468	9,174	0.80	3.245
32	26	12,972	8,821	0.68	2.995	12,596	8,565	0.68	3.151	12,408	8,437	0.68	3.245	12,032	8,182	0.68	3.338

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SP100JA(L) / SUZ-SA100VA

(230V)

		OUTDOOR DB(℃)											
INDOOR	INDOOR	35				40				46			
DB(℃)	WB(℃)	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT	Q	SHC	SHF	INPUT
21	18	9,212	6,633	0.72	3.058	8,460	6,091	0.72	3.245	7,802	5,617	0.72	3.370
21	20	9,682	5,809	0.60	3.182	9,024	5,414	0.60	3.338	8,366	5,020	0.60	3.526
22	18	9,212	7,001	0.76	3.058	8,460	6,430	0.76	3.245	7,802	5,930	0.76	3.370
22	20	9,682	6,196	0.64	3.182	9,024	5,775	0.64	3.338	8,366	5,354	0.64	3.526
22	22	10,246	5,328	0.52	3.307	9,588	4,986	0.52	3.494	8,930	4,644	0.52	3.619
23	18	9,212	7,370	0.80	3.058	8,460	6,768	0.80	3.245	7,802	6,242	0.80	3.370
23	20	9,682	6,584	0.68	3.182	9,024	6,136	0.68	3.338	8,366	5,689	0.68	3.526
23	22	10,246	5,738	0.56	3.307	9,588	5,369	0.56	3.494	8,930	5,001	0.56	3.619
24	18	9,212	7,738	0.84	3.058	8,460	7,106	0.84	3.245	7,802	6,554	0.84	3.370
24	20	9,682	6,971	0.72	3.182	9,024	6,497	0.72	3.338	8,366	6,024	0.72	3.526
24	22	10,246	6,148	0.60	3.307	9,588	5,753	0.60	3.494	8,930	5,358	0.60	3.619
24	24	10,810	5,189	0.48	3.432	10,152	4,873	0.48	3.588	9,588	4,602	0.48	3.744
25	20	9,682	7,358	0.76	3.182	9,024	6,858	0.76	3.338	8,366	6,358	0.76	3.526
25	22	10,246	6,557	0.64	3.307	9,588	6,136	0.64	3.494	8,930	5,715	0.64	3.619
25	24	10,810	5,621	0.52	3.432	10,152	5,279	0.52	3.588	9,588	4,986	0.52	3.744
26	18	9,212	8,475	0.92	3.058	8,460	7,783	0.92	3.245	7,802	7,178	0.92	3.370
26	20	9,682	7,746	0.80	3.182	9,024	7,219	0.80	3.338	8,366	6,693	0.80	3.526
26	22	10,246	6,967	0.68	3.307	9,588	6,520	0.68	3.494	8,930	6,072	0.68	3.619
26	24	10,810	6,054	0.56	3.432	10,152	5,685	0.56	3.588	9,588	5,369	0.56	3.744
26	26	11,374	5,005	0.44	3.557	10,716	4,715	0.44	3.713	10,058	4,426	0.44	3.869
27	18	9,212	8,844	0.96	3.058	8,460	8,122	0.96	3.245	7,802	7,490	0.96	3.370
27	20	9,682	8,133	0.84	3.182	9,024	7,580	0.84	3.338	8,366	7,027	0.84	3.526
27	22	10,246	7,377	0.72	3.307	9,588	6,903	0.72	3.494	8,930	6,430	0.72	3.619
27	24	10,810	6,486	0.60	3.432	10,152	6,091	0.60	3.588	9,588	5,753	0.60	3.744
27	26	11,374	5,460	0.48	3.557	10,716	5,144	0.48	3.713	10,058	4,828	0.48	3.869
28	18	9,212	9,212	1.00	3.058	8,460	8,460	1.00	3.245	7,802	7,802	1.00	3.370
28	20	9,682	8,520	0.88	3.182	9,024	7,941	0.88	3.338	8,366	7,362	0.88	3.526
28	22	10,246	7,787	0.76	3.307	9,588	7,287	0.76	3.494	8,930	6,787	0.76	3.619
28	24	10,810	6,918	0.64	3.432	10,152	6,497	0.64	3.588	9,588	6,136	0.64	3.744
28	26	11,374	5,914	0.52	3.557	10,716	5,572	0.52	3.713	10,058	5,230	0.52	3.869
29	18	9,212	9,580	1.04	3.058	8,460	8,798	1.04	3.245	7,802	8,114	1.04	3.370
29	20	9,682	8,907	0.92	3.182	9,024	8,302	0.92	3.338	8,366	7,697	0.92	3.526
29	22	10,246	8,197	0.80	3.307	9,588	7,670	0.80	3.494	8,930	7,144	0.80	3.619
29	24	10,810	7,351	0.68	3.432	10,152	6,903	0.68	3.588	9,588	6,520	0.68	3.744
29	26	11,374	6,369	0.56	3.557	10,716	6,001	0.56	3.713	10,058	5,632	0.56	3.869
30	18	9,212	9,949	1.08	3.058	8,460	9,137	1.08	3.245	7,802	8,426	1.08	3.370
30	20	9,682	9,295	0.96	3.182	9,024	8,663	0.96	3.338	8,366	8,031	0.96	3.526
30	22	10,246	8,607	0.84	3.307	9,588	8,054	0.84	3.494	8,930	7,501	0.84	3.619
30	24	10,810	7,783	0.72	3.432	10,152	7,309	0.72	3.588	9,588	6,903	0.72	3.744
30	26	11,374	6,824	0.60	3.557	10,716	6,430	0.60	3.713	10,058	6,035	0.60	3.869
31	18	9,212	10,317	1.12	3.058	8,460	9,475	1.12	3.245	7,802	8,738	1.12	3.370
31	20	9,682	9,682	1.00	3.182	9,024	9,024	1.00	3.338	8,366	8,366	1.00	3.526
31	22	10,246	9,016	0.88	3.307	9,588	8,437	0.88	3.494	8,930	7,858	0.88	3.619
31	24	10,810	8,216	0.76	3.432	10,152	7,716	0.76	3.588	9,588	7,287	0.76	3.744
31	26	11,374	7,279	0.64	3.557	10,716	6,858	0.64	3.713	10,058	6,437	0.64	3.869
32	18	9,212	10,686	1.16	3.058	8,460	9,814	1.16	3.245	7,802	9,050	1.16	3.370
32	20	9,682	10,069	1.04	3.182	9,024	9,385	1.04	3.338	8,366	8,701	1.04	3.526
32	22	10,246	9,426	0.92	3.307	9,588	8,821	0.92	3.494	8,930	8,216	0.92	3.619
32	24	10,810	8,648	0.80	3.432	10,152	8,122	0.80	3.588	9,588	7,670	0.80	3.744
32	26	11,374	7,734	0.68	3.557	10,716	7,287	0.68	3.713	10,058	6,839	0.68	3.869

Note: Q : Capacity (kW)
INPUT. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SP100JA(L) / PUHZ-SP100VHA, PUHZ-SP100YHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	9,306	6,980	0.75	2.50	9,024	6,768	0.75	2.64	8,742	6,557	0.75	2.79
20	18	9,964	6,277	0.63	2.54	9,682	6,100	0.63	2.68	9,353	5,892	0.63	2.87
20	20	10,716	5,465	0.51	2.62	10,481	5,345	0.51	2.75	10,199	5,201	0.51	2.93
22	16	9,306	7,724	0.83	2.50	9,024	7,490	0.83	2.64	8,742	7,256	0.83	2.79
22	18	9,964	7,074	0.71	2.54	9,682	6,874	0.71	2.68	9,353	6,641	0.71	2.87
22	20	10,716	6,322	0.59	2.62	10,481	6,184	0.59	2.75	10,199	6,017	0.59	2.93
24	16	9,306	8,468	0.91	2.50	9,024	8,212	0.91	2.64	8,742	7,955	0.91	2.79
24	18	9,964	7,872	0.79	2.54	9,682	7,649	0.79	2.68	9,353	7,389	0.79	2.87
24	20	10,716	7,180	0.67	2.62	10,481	7,022	0.67	2.75	10,199	6,833	0.67	2.93
24	22	11,421	6,282	0.55	2.68	11,186	6,152	0.55	2.84	10,904	5,997	0.55	3.03
26	16	9,306	9,213	0.99	2.50	9,024	8,934	0.99	2.64	8,742	8,655	0.99	2.79
26	18	9,964	8,669	0.87	2.54	9,682	8,423	0.87	2.68	9,353	8,137	0.87	2.87
26	20	10,716	8,037	0.75	2.62	10,481	7,861	0.75	2.75	10,199	7,649	0.75	2.93
26	22	11,421	7,195	0.63	2.68	11,186	7,047	0.63	2.84	10,904	6,870	0.63	3.03
27	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
27	18	9,964	9,067	0.91	2.54	9,682	8,811	0.91	2.68	9,353	8,511	0.91	2.87
27	20	10,716	8,466	0.79	2.62	10,481	8,280	0.79	2.75	10,199	8,057	0.79	2.93
27	22	11,421	7,652	0.67	2.68	11,186	7,495	0.67	2.84	10,904	7,306	0.67	3.03
28	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
28	18	9,964	9,466	0.95	2.54	9,682	9,198	0.95	2.68	9,353	8,885	0.95	2.87
28	20	10,716	8,894	0.83	2.62	10,481	8,699	0.83	2.75	10,199	8,465	0.83	2.93
28	22	11,421	8,109	0.71	2.68	11,186	7,942	0.71	2.84	10,904	7,742	0.71	3.03
30	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
30	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
30	20	10,716	9,752	0.91	2.62	10,481	9,538	0.91	2.75	10,199	9,281	0.91	2.93
30	22	11,421	9,023	0.79	2.68	11,186	8,837	0.79	2.84	10,904	8,614	0.79	3.03
32	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
32	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
32	20	10,716	10,609	0.99	2.62	10,481	10,376	0.99	2.75	10,199	10,097	0.99	2.93
32	22	11,421	9,936	0.87	2.68	11,186	9,732	0.87	2.84	10,904	9,486	0.87	3.03
34	16	9,306	9,306	1.00	2.50	9,024	9,024	1.00	2.64	8,742	8,742	1.00	2.79
34	18	9,964	9,964	1.00	2.54	9,682	9,682	1.00	2.68	9,353	9,353	1.00	2.87
34	20	10,716	10,716	1.00	2.62	10,481	10,481	1.00	2.75	10,199	10,199	1.00	2.93
34	22	11,421	10,850	0.95	2.68	11,186	10,627	0.95	2.84	10,904	10,359	0.95	3.03

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	8,366	6,275	0.75	3.00	7,990	5,993	0.75	3.21	7,614	5,711	0.75	3.48
20	18	9,024	5,685	0.63	3.07	8,742	5,507	0.63	3.31	8,178	5,152	0.63	3.56
20	20	9,776	4,986	0.51	3.15	9,400	4,794	0.51	3.37	8,836	4,506	0.51	3.62
22	16	8,366	6,944	0.83	3.00	7,990	6,632	0.83	3.21	7,614	6,320	0.83	3.48
22	18	9,024	6,407	0.71	3.07	8,742	6,207	0.71	3.31	8,178	5,806	0.71	3.56
22	20	9,776	5,768	0.59	3.15	9,400	5,546	0.59	3.37	8,836	5,213	0.59	3.62
24	16	8,366	7,613	0.91	3.00	7,990	7,271	0.91	3.21	7,614	6,929	0.91	3.48
24	18	9,024	7,129	0.79	3.07	8,742	6,906	0.79	3.31	8,178	6,461	0.79	3.56
24	20	9,776	6,550	0.67	3.15	9,400	6,298	0.67	3.37	8,836	5,920	0.67	3.62
24	22	10,528	5,790	0.55	3.21	10,152	5,584	0.55	3.46	9,588	5,273	0.55	3.68
26	16	8,366	8,282	0.99	3.00	7,990	7,910	0.99	3.21	7,614	7,538	0.99	3.48
26	18	9,024	7,851	0.87	3.07	8,742	7,606	0.87	3.31	8,178	7,115	0.87	3.56
26	20	9,776	7,332	0.75	3.15	9,400	7,050	0.75	3.37	8,836	6,627	0.75	3.62
26	22	10,528	6,633	0.63	3.21	10,152	6,396	0.63	3.46	9,588	6,040	0.63	3.68
27	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
27	18	9,024	8,212	0.91	3.07	8,742	7,955	0.91	3.31	8,178	7,442	0.91	3.56
27	20	9,776	7,723	0.79	3.15	9,400	7,426	0.79	3.37	8,836	6,980	0.79	3.62
27	22	10,528	7,054	0.67	3.21	10,152	6,802	0.67	3.46	9,588	6,424	0.67	3.68
28	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
28	18	9,024	8,573	0.95	3.07	8,742	8,305	0.95	3.31	8,178	7,769	0.95	3.56
28	20	9,776	8,114	0.83	3.15	9,400	7,802	0.83	3.37	8,836	7,334	0.83	3.62
28	22	10,528	7,475	0.71	3.21	10,152	7,208	0.71	3.46	9,588	6,807	0.71	3.68
30	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
30	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
30	20	9,776	8,896	0.91	3.15	9,400	8,554	0.91	3.37	8,836	8,041	0.91	3.62
30	22	10,528	8,317	0.79	3.21	10,152	8,020	0.79	3.46	9,588	7,575	0.79	3.68
32	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
32	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
32	20	9,776	9,678	0.99	3.15	9,400	9,306	0.99	3.37	8,836	8,748	0.99	3.62
32	22	10,528	9,159	0.87	3.21	10,152	8,832	0.87	3.46	9,588	8,342	0.87	3.68
34	16	8,366	8,366	1.00	3.00	7,990	7,990	1.00	3.21	7,614	7,614	1.00	3.48
34	18	9,024	9,024	1.00	3.07	8,742	8,742	1.00	3.31	8,178	8,178	1.00	3.56
34	20	9,776	9,776	1.00	3.15	9,400	9,400	1.00	3.37	8,836	8,836	1.00	3.62
34	22	10,528	10,002	0.95	3.21	10,152	9,644	0.95	3.46	9,588	9,109	0.95	3.68

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SP125JA(L) / PUHZ-SP125VHA, PUHZ-SP125YHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,177	9,133	0.75	3.50	11,808	8,856	0.75	3.70	11,439	8,579	0.75	3.92
20	18	13,038	8,214	0.63	3.57	12,669	7,981	0.63	3.77	12,239	7,710	0.63	4.03
20	20	14,022	7,151	0.51	3.68	13,715	6,994	0.51	3.85	13,346	6,806	0.51	4.12
22	16	12,177	10,107	0.83	3.50	11,808	9,801	0.83	3.70	11,439	9,494	0.83	3.92
22	18	13,038	9,257	0.71	3.57	12,669	8,995	0.71	3.77	12,239	8,689	0.71	4.03
22	20	14,022	8,273	0.59	3.68	13,715	8,092	0.59	3.85	13,346	7,874	0.59	4.12
24	16	12,177	11,081	0.91	3.50	11,808	10,745	0.91	3.70	11,439	10,409	0.91	3.92
24	18	13,038	10,300	0.79	3.57	12,669	10,009	0.79	3.77	12,239	9,668	0.79	4.03
24	20	14,022	9,395	0.67	3.68	13,715	9,189	0.67	3.85	13,346	8,941	0.67	4.12
24	22	14,945	8,219	0.55	3.77	14,637	8,050	0.55	3.99	14,268	7,847	0.55	4.25
26	16	12,177	12,055	0.99	3.50	11,808	11,690	0.99	3.70	11,439	11,325	0.99	3.92
26	18	13,038	11,343	0.87	3.57	12,669	11,022	0.87	3.77	12,239	10,647	0.87	4.03
26	20	14,022	10,517	0.75	3.68	13,715	10,286	0.75	3.85	13,346	10,009	0.75	4.12
26	22	14,945	9,415	0.63	3.77	14,637	9,221	0.63	3.99	14,268	8,989	0.63	4.25
27	16	12,177	12,177	1.00	3.50	11,808	11,808	1.00	3.70	11,439	11,439	1.00	3.92
27	18	13,038	11,865	0.91	3.57	12,669	11,529	0.91	3.77	12,239	11,137	0.91	4.03
27	20	14,022	11,077	0.79	3.68	13,715	10,834	0.79	3.85	13,346	10,543	0.79	4.12
27	22	14,945	10,013	0.67	3.77	14,637	9,807	0.67	3.99	14,268	9,560	0.67	4.25
28	16	12,177	12,177	1.00	3.50	11,808	11,808	1.00	3.70	11,439	11,439	1.00	3.92
28	18	13,038	12,386	0.95	3.57	12,669	12,036	0.95	3.77	12,239	11,627	0.95	4.03
28	20	14,022	11,638	0.83	3.68	13,715	11,383	0.83	3.85	13,346	11,077	0.83	4.12
28	22	14,945	10,611	0.71	3.77	14,637	10,392	0.71	3.99	14,268	10,130	0.71	4.25
30	16	12,177	12,177	1.00	3.50	11,808	11,808	1.00	3.70	11,439	11,439	1.00	3.92
30	18	13,038	13,038	1.00	3.57	12,669	12,669	1.00	3.77	12,239	12,239	1.00	4.03
30	20	14,022	12,760	0.91	3.68	13,715	12,480	0.91	3.85	13,346	12,144	0.91	4.12
30	22	14,945	11,806	0.79	3.77	14,637	11,563	0.79	3.99	14,268	11,272	0.79	4.25
32	16	12,177	12,177	1.00	3.50	11,808	11,808	1.00	3.70	11,439	11,439	1.00	3.92
32	18	13,038	13,038	1.00	3.57	12,669	12,669	1.00	3.77	12,239	12,239	1.00	4.03
32	20	14,022	13,882	0.99	3.68	13,715	13,577	0.99	3.85	13,346	13,212	0.99	4.12
32	22	14,945	13,002	0.87	3.77	14,637	12,734	0.87	3.99	14,268	12,413	0.87	4.25
34	16	12,177	12,177	1.00	3.50	11,808	11,808	1.00	3.70	11,439	11,439	1.00	3.92
34	18	13,038	13,038	1.00	3.57	12,669	12,669	1.00	3.77	12,239	12,239	1.00	4.03
34	20	14,022	14,022	1.00	3.68	13,715	13,715	1.00	3.85	13,346	13,346	1.00	4.12
34	22	14,945	14,197	0.95	3.77	14,637	13,905	0.95	3.99	14,268	13,555	0.95	4.25

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	10,947	8,210	0.75	4.20	10,455	7,841	0.75	4.51	9,963	7,472	0.75	4.88
20	18	11,808	7,439	0.63	4.31	11,439	7,207	0.63	4.64	10,701	6,742	0.63	4.99
20	20	12,792	6,524	0.51	4.42	12,300	6,273	0.51	4.73	11,562	5,897	0.51	5.08
22	16	10,947	9,086	0.83	4.20	10,455	8,678	0.83	4.51	9,963	8,269	0.83	4.88
22	18	11,808	8,384	0.71	4.31	11,439	8,122	0.71	4.64	10,701	7,598	0.71	4.99
22	20	12,792	7,547	0.59	4.42	12,300	7,257	0.59	4.73	11,562	6,822	0.59	5.08
24	16	10,947	9,962	0.91	4.20	10,455	9,514	0.91	4.51	9,963	9,066	0.91	4.88
24	18	11,808	9,328	0.79	4.31	11,439	9,037	0.79	4.64	10,701	8,454	0.79	4.99
24	20	12,792	8,571	0.67	4.42	12,300	8,241	0.67	4.73	11,562	7,747	0.67	5.08
24	22	13,776	7,577	0.55	4.51	13,284	7,306	0.55	4.86	12,546	6,900	0.55	5.17
26	16	10,947	10,838	0.99	4.20	10,455	10,350	0.99	4.51	9,963	9,863	0.99	4.88
26	18	11,808	10,273	0.87	4.31	11,439	9,952	0.87	4.64	10,701	9,310	0.87	4.99
26	20	12,792	9,594	0.75	4.42	12,300	9,225	0.75	4.73	11,562	8,672	0.75	5.08
26	22	13,776	8,679	0.63	4.51	13,284	8,369	0.63	4.86	12,546	7,904	0.63	5.17
27	16	10,947	10,947	1.00	4.20	10,455	10,455	1.00	4.51	9,963	9,963	1.00	4.88
27	18	11,808	10,745	0.91	4.31	11,439	10,409	0.91	4.64	10,701	9,738	0.91	4.99
27	20	12,792	10,106	0.79	4.42	12,300	9,717	0.79	4.73	11,562	9,134	0.79	5.08
27	22	13,776	9,230	0.67	4.51	13,284	8,900	0.67	4.86	12,546	8,406	0.67	5.17
28	16	10,947	10,947	1.00	4.20	10,455	10,455	1.00	4.51	9,963	9,963	1.00	4.88
28	18	11,808	11,218	0.95	4.31	11,439	10,867	0.95	4.64	10,701	10,166	0.95	4.99
28	20	12,792	10,617	0.83	4.42	12,300	10,209	0.83	4.73	11,562	9,596	0.83	5.08
28	22	13,776	9,781	0.71	4.51	13,284	9,432	0.71	4.86	12,546	8,908	0.71	5.17
30	16	10,947	10,947	1.00	4.20	10,455	10,455	1.00	4.51	9,963	9,963	1.00	4.88
30	18	11,808	11,808	1.00	4.31	11,439	11,439	1.00	4.64	10,701	10,701	1.00	4.99
30	20	12,792	11,641	0.91	4.42	12,300	11,193	0.91	4.73	11,562	10,521	0.91	5.08
30	22	13,776	10,883	0.79	4.51	13,284	10,494	0.79	4.86	12,546	9,911	0.79	5.17
32	16	10,947	10,947	1.00	4.20	10,455	10,455	1.00	4.51	9,963	9,963	1.00	4.88
32	18	11,808	11,808	1.00	4.31	11,439	11,439	1.00	4.64	10,701	10,701	1.00	4.99
32	20	12,792	12,664	0.99	4.42	12,300	12,177	0.99	4.73	11,562	11,446	0.99	5.08
32	22	13,776	11,985	0.87	4.51	13,284	11,557	0.87	4.86	12,546	10,915	0.87	5.17
34	16	10,947	10,947	1.00	4.20	10,455	10,455	1.00	4.51	9,963	9,963	1.00	4.88
34	18	11,808	11,808	1.00	4.31	11,439	11,439	1.00	4.64	10,701	10,701	1.00	4.99
34	20	12,792	12,792	1.00	4.42	12,300	12,300	1.00	4.73	11,562	11,562	1.00	5.08
34	22	13,776	13,087	0.95	4.51	13,284	12,620	0.95	4.86	12,546	11,919	0.95	5.17

Note: CA : Capacity (kW)
P.C. : Total power input (W)
SHC : Sensible heat capacity (kW)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

COOLING CAPACITY
PEAD-SP140JA(L) / PUHZ-SP140VHA, PUHZ-SP140YHA

(230V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	12,870	9,653	0.75	3.46	12,480	9,360	0.75	3.65	12,090	9,068	0.75	3.87
20	18	13,780	8,681	0.63	3.52	13,390	8,436	0.63	3.72	12,935	8,149	0.63	3.97
20	20	14,820	7,558	0.51	3.63	14,495	7,392	0.51	3.80	14,105	7,194	0.51	4.06
22	16	12,870	10,682	0.83	3.46	12,480	10,358	0.83	3.65	12,090	10,035	0.83	3.87
22	18	13,780	9,784	0.71	3.52	13,390	9,507	0.71	3.72	12,935	9,184	0.71	3.97
22	20	14,820	8,744	0.59	3.63	14,495	8,552	0.59	3.80	14,105	8,322	0.59	4.06
24	16	12,870	11,712	0.91	3.46	12,480	11,357	0.91	3.65	12,090	11,002	0.91	3.87
24	18	13,780	10,886	0.79	3.52	13,390	10,578	0.79	3.72	12,935	10,219	0.79	3.97
24	20	14,820	9,929	0.67	3.63	14,495	9,712	0.67	3.80	14,105	9,450	0.67	4.06
24	22	15,795	8,687	0.55	3.72	15,470	8,509	0.55	3.93	15,080	8,294	0.55	4.19
26	16	12,870	12,741	0.99	3.46	12,480	12,355	0.99	3.65	12,090	11,969	0.99	3.87
26	18	13,780	11,989	0.87	3.52	13,390	11,649	0.87	3.72	12,935	11,253	0.87	3.97
26	20	14,820	11,115	0.75	3.63	14,495	10,871	0.75	3.80	14,105	10,579	0.75	4.06
26	22	15,795	9,951	0.63	3.72	15,470	9,746	0.63	3.93	15,080	9,500	0.63	4.19
27	16	12,870	12,870	1.00	3.46	12,480	12,480	1.00	3.65	12,090	12,090	1.00	3.87
27	18	13,780	12,540	0.91	3.52	13,390	12,185	0.91	3.72	12,935	11,771	0.91	3.97
27	20	14,820	11,708	0.79	3.63	14,495	11,451	0.79	3.80	14,105	11,143	0.79	4.06
27	22	15,795	10,583	0.67	3.72	15,470	10,365	0.67	3.93	15,080	10,104	0.67	4.19
28	16	12,870	12,870	1.00	3.46	12,480	12,480	1.00	3.65	12,090	12,090	1.00	3.87
28	18	13,780	13,091	0.95	3.52	13,390	12,721	0.95	3.72	12,935	12,288	0.95	3.97
28	20	14,820	12,301	0.83	3.63	14,495	12,031	0.83	3.80	14,105	11,707	0.83	4.06
28	22	15,795	11,214	0.71	3.72	15,470	10,984	0.71	3.93	15,080	10,707	0.71	4.19
30	16	12,870	12,870	1.00	3.46	12,480	12,480	1.00	3.65	12,090	12,090	1.00	3.87
30	18	13,780	13,780	1.00	3.52	13,390	13,390	1.00	3.72	12,935	12,935	1.00	3.97
30	20	14,820	13,486	0.91	3.63	14,495	13,190	0.91	3.80	14,105	12,836	0.91	4.06
30	22	15,795	12,478	0.79	3.72	15,470	12,221	0.79	3.93	15,080	11,913	0.79	4.19
32	16	12,870	12,870	1.00	3.46	12,480	12,480	1.00	3.65	12,090	12,090	1.00	3.87
32	18	13,780	13,780	1.00	3.52	13,390	13,390	1.00	3.72	12,935	12,935	1.00	3.97
32	20	14,820	14,672	0.99	3.63	14,495	14,350	0.99	3.80	14,105	13,964	0.99	4.06
32	22	15,795	13,742	0.87	3.72	15,470	13,459	0.87	3.93	15,080	13,120	0.87	4.19
34	16	12,870	12,870	1.00	3.46	12,480	12,480	1.00	3.65	12,090	12,090	1.00	3.87
34	18	13,780	13,780	1.00	3.52	13,390	13,390	1.00	3.72	12,935	12,935	1.00	3.97
34	20	14,820	14,820	1.00	3.63	14,495	14,495	1.00	3.80	14,105	14,105	1.00	4.06
34	22	15,795	15,005	0.95	3.72	15,470	14,697	0.95	3.93	15,080	14,326	0.95	4.19

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	11,570	8,678	0.75	4.15	11,050	8,288	0.75	4.45	10,530	7,898	0.75	4.82
20	18	12,480	7,862	0.63	4.26	12,090	7,617	0.63	4.58	11,310	7,125	0.63	4.92
20	20	13,520	6,895	0.51	4.36	13,000	6,630	0.51	4.67	12,220	6,232	0.51	5.01
22	16	11,570	9,603	0.83	4.15	11,050	9,172	0.83	4.45	10,530	8,740	0.83	4.82
22	18	12,480	8,861	0.71	4.26	12,090	8,584	0.71	4.58	11,310	8,030	0.71	4.92
22	20	13,520	7,977	0.59	4.36	13,000	7,670	0.59	4.67	12,220	7,210	0.59	5.01
24	16	11,570	10,529	0.91	4.15	11,050	10,056	0.91	4.45	10,530	9,582	0.91	4.82
24	18	12,480	9,859	0.79	4.26	12,090	9,551	0.79	4.58	11,310	8,935	0.79	4.92
24	20	13,520	9,058	0.67	4.36	13,000	8,710	0.67	4.67	12,220	8,187	0.67	5.01
24	22	14,560	8,008	0.55	4.45	14,040	7,722	0.55	4.80	13,260	7,293	0.55	5.10
26	16	11,570	11,454	0.99	4.15	11,050	10,940	0.99	4.45	10,530	10,425	0.99	4.82
26	18	12,480	10,858	0.87	4.26	12,090	10,518	0.87	4.58	11,310	9,840	0.87	4.92
26	20	13,520	10,140	0.75	4.36	13,000	9,750	0.75	4.67	12,220	9,165	0.75	5.01
26	22	14,560	9,173	0.63	4.45	14,040	8,845	0.63	4.80	13,260	8,354	0.63	5.10
27	16	11,570	11,570	1.00	4.15	11,050	11,050	1.00	4.45	10,530	10,530	1.00	4.82
27	18	12,480	11,357	0.91	4.26	12,090	11,002	0.91	4.58	11,310	10,292	0.91	4.92
27	20	13,520	10,681	0.79	4.36	13,000	10,270	0.79	4.67	12,220	9,654	0.79	5.01
27	22	14,560	9,755	0.67	4.45	14,040	9,407	0.67	4.80	13,260	8,884	0.67	5.10
28	16	11,570	11,570	1.00	4.15	11,050	11,050	1.00	4.45	10,530	10,530	1.00	4.82
28	18	12,480	11,856	0.95	4.26	12,090	11,486	0.95	4.58	11,310	10,745	0.95	4.92
28	20	13,520	11,222	0.83	4.36	13,000	10,790	0.83	4.67	12,220	10,143	0.83	5.01
28	22	14,560	10,338	0.71	4.45	14,040	9,968	0.71	4.80	13,260	9,415	0.71	5.10
30	16	11,570	11,570	1.00	4.15	11,050	11,050	1.00	4.45	10,530	10,530	1.00	4.82
30	18	12,480	12,480	1.00	4.26	12,090	12,090	1.00	4.58	11,310	11,310	1.00	4.92
30	20	13,520	12,303	0.91	4.36	13,000	11,830	0.91	4.67	12,220	11,120	0.91	5.01
30	22	14,560	11,502	0.79	4.45	14,040	11,092	0.79	4.80	13,260	10,475	0.79	5.10
32	16	11,570	11,570	1.00	4.15	11,050	11,050	1.00	4.45	10,530	10,530	1.00	4.82
32	18	12,480	12,480	1.00	4.26	12,090	12,090	1.00	4.58	11,310	11,310	1.00	4.92
32	20	13,520	13,385	0.99	4.36	13,000	12,870	0.99	4.67	12,220	12,098	0.99	5.01
32	22	14,560	12,667	0.87	4.45	14,040	12,215	0.87	4.80	13,260	11,536	0.87	5.10
34	16	11,570	11,570	1.00	4.15	11,050	11,050	1.00	4.45	10,530	10,530	1.00	4.82
34	18	12,480	12,480	1.00	4.26	12,090	12,090	1.00	4.58	11,310	11,310	1.00	4.92
34	20	13,520	13,520	1.00	4.36	13,000	13,000	1.00	4.67	12,220	12,220	1.00	5.01
34	22	14,560	13,832	0.95	4.45	14,040	13,338	0.95	4.80	13,260	12,597	0.95	5.10

Note: CA : Capacity (W)
P.C. : Total power input (kW)
SHC : Sensible heat capacity (W)
SHF : Sensible heat factor
D.B. : Dry-bulb temperature
W.B. : Wet-bulb temperature

HEATING CAPACITY

PEAD-RP•JA(L)Q / PUHZ-SHW•HA(-BS)

(230V)

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-RP100JA(L)Q	15	7,112	1.83	7,728	2.02	8,624	2.33	11,312	2.79	12,768	3.10	14,224	3.35
	20	6,832	1.99	7,392	2.17	8,176	2.51	10,920	3.01	12,320	3.35	13,720	3.60
	25	6,608	2.11	7,168	2.36	7,840	2.73	10,304	3.20	11,872	3.58	13,216	3.86
PEAD-RP125JA(L)Q	15	8,890	2.29	9,660	2.52	10,780	2.91	14,140	3.49	15,960	3.88	17,780	4.19
	20	8,540	2.48	9,240	2.72	10,220	3.14	13,650	3.76	15,400	4.19	17,150	4.50
	25	8,260	2.64	8,960	2.95	9,800	3.41	12,880	4.00	14,840	4.48	16,520	4.83

Note: CA : Capacity (W) P.C. : Total power input (kW)

PEAD-RP•JA(L)Q / PUHZ-ZRP•HA4, PUHZ-ZRP•KA(2)

(230V)

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-RP35JA(L)Q	15	2,604	0.56	2,829	0.62	3,157	0.71	4,141	0.86	4,674	0.95	5,207	1.03
	20	2,501	0.61	2,706	0.67	2,993	0.77	3,998	0.92	4,510	1.03	5,023	1.10
	25	2,419	0.65	2,624	0.72	2,870	0.84	3,772	0.98	4,346	1.10	4,838	1.18
PEAD-RP50JA(L)Q	15	3,810	0.89	4,140	0.98	4,620	1.13	6,060	1.35	6,840	1.50	7,620	1.62
	20	3,660	0.96	3,960	1.05	4,380	1.22	5,850	1.46	6,600	1.62	7,350	1.74
	25	3,540	1.02	3,840	1.14	4,200	1.32	5,520	1.55	6,360	1.73	7,080	1.87
PEAD-RP60JA(L)Q	15	4,445	1.06	4,830	1.16	5,390	1.34	7,070	1.61	7,980	1.79	8,890	1.93
	20	4,270	1.15	4,620	1.25	5,110	1.45	6,825	1.74	7,700	1.93	8,575	2.08
	25	4,130	1.22	4,480	1.36	4,900	1.58	6,440	1.84	7,420	2.07	8,260	2.23
PEAD-RP71JA(L)Q	15	5,080	1.20	5,520	1.32	6,160	1.52	8,080	1.83	9,120	2.03	10,160	2.19
	20	4,880	1.30	5,280	1.42	5,840	1.64	7,800	1.97	8,800	2.19	9,800	2.35
	25	4,720	1.38	5,120	1.54	5,600	1.79	7,360	2.09	8,480	2.34	9,440	2.53
PEAD-RP100JA(L)Q	15	7,112	1.53	7,728	1.69	8,624	1.95	11,312	2.34	12,768	2.60	14,224	2.81
	20	6,832	1.66	7,392	1.82	8,176	2.11	10,920	2.52	12,320	2.81	13,720	3.02
	25	6,608	1.77	7,168	1.98	7,840	2.29	10,304	2.68	11,872	3.00	13,216	3.24
PEAD-RP125JA(L)Q	15	8,890	2.07	9,660	2.28	10,780	2.63	14,140	3.16	15,960	3.51	17,780	3.79
	20	8,540	2.25	9,240	2.46	10,220	2.84	13,650	3.40	15,400	3.79	17,150	4.07
	25	8,260	2.39	8,960	2.67	9,800	3.09	12,880	3.62	14,840	4.05	16,520	4.37
PEAD-RP140JA(L)Q	15	10,160	2.40	11,040	2.65	12,320	3.05	16,160	3.66	18,240	4.07	20,320	4.40
	20	9,760	2.60	10,560	2.85	11,680	3.30	15,600	3.95	17,600	4.40	19,600	4.72
	25	9,440	2.77	10,240	3.09	11,200	3.58	14,720	4.19	16,960	4.70	18,880	5.07

Note: CA : Capacity (W) P.C. : Total power input (kW)

PEAD-RP•JA(L)Q / PUHZ-FRP71VHA

(230V)

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-RP71JA(L)Q	15	5,080	1.23	5,520	1.36	6,160	1.57	8,080	1.88	9,120	2.09	10,160	2.26
	20	4,880	1.34	5,280	1.46	5,840	1.69	7,800	2.03	8,800	2.26	9,800	2.42
	25	4,720	1.42	5,120	1.59	5,600	1.84	7,360	2.15	8,480	2.41	9,440	2.60

Note: CA : Capacity (W) P.C. : Total power input (kW)

PEAD-RP•JA(L)Q / SUZ-KA•VA5

(230V)

	INDOOR DB(℃)	-15		-10		-5		0		5		10		15		20	
		Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
PEAD-RP35JA(L)Q	15	2,050	0.58	2,583	0.722	3,116	0.866	3,649	0.977	4,182	1.055	4,715	1.121	5,207	1.154	5,740	1.177
	21	1,927	0.61	2,460	0.777	2,952	0.921	3,485	1.021	3,977	1.099	4,510	1.154	5,002	1.188	5,515	1.232
	26	1,681	0.67	2,214	0.833	2,747	0.977	3,239	1.077	3,772	1.154	4,305	1.210	4,797	1.243	5,330	1.277
PEAD-RP50JA(L)Q	15	2,950	0.842	3,717	1.053	4,484	1.264	5,251	1.426	6,018	1.539	6,785	1.636	7,493	1.685	8,260	1.717
	21	2,773	0.897	3,540	1.134	4,248	1.345	5,015	1.490	5,723	1.604	6,490	1.685	7,198	1.733	7,936	1.798
	26	2,419	0.972	3,186	1.215	3,953	1.426	4,661	1.571	5,428	1.685	6,195	1.766	6,903	1.814	7,670	1.863
PEAD-RP60JA(L)Q	15	3,500	0.983	4,410	1.229	5,320	1.474	6,230	1.663	7,140	1.796	8,050	1.909	8,890	1.966	9,800	2.003
	21	3,290	1.047	4,200	1.323	5,040	1.569	5,950	1.739	6,790	1.871	7,700	1.966	8,540	2.022	9,415	2.098
	26	2,870	1.134	3,780	1.418	4,690	1.663	5,530	1.833	6,440	1.966	7,350	2.060	8,190	2.117	9,100	2.174
PEAD-RP71JA(L)Q	15	4,000	1.061	5,040	1.326	6,080	1.591	7,120	1.795	8,160	1.938	9,200	2.060	10,160	2.122	11,200	2.162
	21	3,760	1.130	4,800	1.428	5,760	1.693	6,800	1.877	7,760	2.020	8,800	2.122	9,760	2.183	10,760	2.264
	26	3,280	1.224	4,320	1.530	5,360	1.795	6,320	1.979	7,360	2.122	8,400	2.224	9,360	2.285	10,400	2.346

Note: Q : Capacity (kW) INPUT. : Total power input (W)

PEAD-RP•JA(L)Q / PUHZ-P•VHA,PUHZ-P•YHA

(230V)

	Indoor intake air DB℃	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-RP100JA(L)Q	15	7,112	1.53	7,728	1.69	8,624	1.95	11,312	2.34	12,768	2.60	14,224	2.81
	20	6,832	1.66	7,392	1.82	8,176	2.11	10,920	2.52	12,320	2.81	13,720	3.02
	25	6,608	1.77	7,168	1.98	7,840	2.29	10,304	2.68	11,872	3.00	13,216	3.24
PEAD-RP125JA(L)Q	15	8,890	2.14	9,660	2.36	10,780	2.72	14,140	3.27	15,960	3.63	17,780	3.92
	20	8,540	2.32	9,240	2.54	10,220	2.94	13,650	3.52	15,400	3.92	17,150	4.21
	25	8,260	2.47	8,960	2.76	9,800	3.19	12,880	3.74	14,840	4.19	16,520	4.52
PEAD-RP140JA(L)Q	15	10,160	2.48	11,040	2.73	12,320	3.15	16,160	3.78	18,240	4.20	20,320	4.54
	20	9,760	2.69	10,560	2.94	11,680	3.40	15,600	4.07	17,600	4.54	19,600	4.87
	25	9,440	2.86	10,240	3.19	11,200	3.70	14,720	4.33	16,960	4.85	18,880	5.23

Note: CA : Capacity (W) P.C. : Total power input (kW)

HEATING CAPACITY

PEAD-SP•JA(L) / SUZ-SA•VA(2)

(230V)

		OUTDOOR WB(°C)															
	INDOOR	-15		-10		-5		0		5		10		15		20	
	DB(°C)	Q	INPUT	-10	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT	Q	INPUT
PEAD-SP71JA(L)	15	4,000	1.15	5,040	1.437	6,080	1.724	7,120	1.945	8,160	2.100	9,200	2.232	10,160	2.298	11,200	2.343
	21	3,760	1.22	4,800	1.547	5,760	1.834	6,800	2.033	7,760	2.188	8,800	2.298	9,760	2.365	10,760	2.453
	26	3,280	1.33	4,320	1.658	5,360	1.945	6,320	2.144	7,360	2.298	8,400	2.409	9,360	2.475	10,400	2.542
PEAD-SP100JA(L)	15	5,600	1.612	7,056	2.015	8,512	2.418	9,968	2.728	11,424	2.945	12,880	3.131	14,224	3.224	15,680	3.286
	21	5,264	1.717	6,720	2.170	8,064	2.573	9,520	2.852	10,864	3.069	12,320	3.224	13,664	3.317	15,064	3.441
	26	4,592	1.860	6,048	2.325	7,504	2.728	8,848	3.007	10,304	3.224	11,760	3.379	13,104	3.472	14,560	3.565

Note: QA : Capacity (kW) INPUT. : Total power input (W)

PEAD-SP•JA(L) / PUHZ-SP•VHA,PUHZ-SP•YHA

(230V)

	Indoor intake air	Outdoor intake air WB℃											
		-10		-5		0		5		10		15	
	DB℃	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEAD-SP100JA(L)	15	7,112	1.83	7,728	2.02	8,624	2.33	11,312	2.79	12,768	3.10	14,224	3.35
	20	6,832	1.98	7,392	2.17	8,176	2.51	10,920	3.01	12,320	3.35	13,720	3.60
	25	6,608	2.11	7,168	2.36	7,840	2.73	10,304	3.19	11,872	3.58	13,216	3.86
PEAD-SP125JA(L)	15	8,573	2.21	9,315	2.43	10,395	2.81	13,635	3.37	15,390	3.74	17,145	4.04
	20	8,235	2.39	8,910	2.62	9,855	3.03	13,163	3.63	14,850	4.04	16,538	4.34
	25	7,965	2.54	8,640	2.84	9,450	3.29	12,420	3.85	14,310	4.32	15,930	4.66
PEAD-SP140JA(L)	15	9,843	2.68	10,695	2.96	11,935	3.41	15,655	4.10	17,670	4.55	19,685	4.91
	20	9,455	2.91	10,230	3.19	11,315	3.69	15,113	4.41	17,050	4.91	18,988	5.28
	25	9,145	3.09	9,920	3.46	10,850	4.00	14,260	4.69	16,430	5.26	18,290	5.66

Note: QA : Capacity (kW) INPUT. : Total power input (W)

2. INDOOR UNIT: PEA-RP•GA MODEL

COOLING CAPACITY

PEA-RP200GAQ / PUHZ-ZRP200YKA

(400V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	18,810	13,355	0.71	5.17	18,240	12,950	0.71	5.46	17,670	12,546	0.71	5.78
20	18	20,140	11,883	0.59	5.26	19,570	11,546	0.59	5.56	18,905	11,154	0.59	5.94
20	20	21,660	10,180	0.47	5.43	21,185	9,957	0.47	5.68	20,615	9,689	0.47	6.07
22	16	18,810	14,860	0.79	5.17	18,240	14,410	0.79	5.46	17,670	13,959	0.79	5.78
22	18	20,140	13,494	0.67	5.26	19,570	13,112	0.67	5.56	18,905	12,666	0.67	5.94
22	20	21,660	11,913	0.55	5.43	21,185	11,652	0.55	5.68	20,615	11,338	0.55	6.07
24	16	18,810	16,365	0.87	5.17	18,240	15,869	0.87	5.46	17,670	15,373	0.87	5.78
24	18	20,140	15,105	0.75	5.26	19,570	14,678	0.75	5.56	18,905	14,179	0.75	5.94
24	20	21,660	13,646	0.63	5.43	21,185	13,347	0.63	5.68	20,615	12,987	0.63	6.07
24	22	23,085	11,773	0.51	5.56	22,610	11,531	0.51	5.88	22,040	11,240	0.51	6.27
26	16	18,810	17,870	0.95	5.17	18,240	17,328	0.95	5.46	17,670	16,787	0.95	5.78
26	18	20,140	16,716	0.83	5.26	19,570	16,243	0.83	5.56	18,905	15,691	0.83	5.94
26	20	21,660	15,379	0.71	5.43	21,185	15,041	0.71	5.68	20,615	14,637	0.71	6.07
26	22	23,085	13,620	0.59	5.56	22,610	13,340	0.59	5.88	22,040	13,004	0.59	6.27
27	16	18,810	18,622	0.99	5.17	18,240	18,058	0.99	5.46	17,670	17,493	0.99	5.78
27	18	20,140	17,522	0.87	5.26	19,570	17,026	0.87	5.56	18,905	16,447	0.87	5.94
27	20	21,660	16,245	0.75	5.43	21,185	15,889	0.75	5.68	20,615	15,461	0.75	6.07
27	22	23,085	14,544	0.63	5.56	22,610	14,244	0.63	5.88	22,040	13,885	0.63	6.27
28	16	18,810	18,810	1.00	5.17	18,240	18,240	1.00	5.46	17,670	17,670	1.00	5.78
28	18	20,140	18,327	0.91	5.26	19,570	17,809	0.91	5.56	18,905	17,204	0.91	5.94
28	20	21,660	17,111	0.79	5.43	21,185	16,736	0.79	5.68	20,615	16,286	0.79	6.07
28	22	23,085	15,467	0.67	5.56	22,610	15,149	0.67	5.88	22,040	14,767	0.67	6.27
30	16	18,810	18,810	1.00	5.17	18,240	18,240	1.00	5.46	17,670	17,670	1.00	5.78
30	18	20,140	19,939	0.99	5.26	19,570	19,374	0.99	5.56	18,905	18,716	0.99	5.94
30	20	21,660	18,844	0.87	5.43	21,185	18,431	0.87	5.68	20,615	17,935	0.87	6.07
30	22	23,085	17,314	0.75	5.56	22,610	16,958	0.75	5.88	22,040	16,530	0.75	6.27
32	16	18,810	18,810	1.00	5.17	18,240	18,240	1.00	5.46	17,670	17,670	1.00	5.78
32	18	20,140	20,140	1.00	5.26	19,570	19,570	1.00	5.56	18,905	18,905	1.00	5.94
32	20	21,660	20,577	0.95	5.43	21,185	20,126	0.95	5.68	20,615	19,584	0.95	6.07
32	22	23,085	19,161	0.83	5.56	22,610	18,766	0.83	5.88	22,040	18,293	0.83	6.27
34	16	18,810	18,810	1.00	5.17	18,240	18,240	1.00	5.46	17,670	17,670	1.00	5.78
34	18	20,140	20,140	1.00	5.26	19,570	19,570	1.00	5.56	18,905	18,905	1.00	5.94
34	20	21,660	21,660	1.00	5.43	21,185	21,185	1.00	5.68	20,615	20,615	1.00	6.07
34	22	23,085	21,007	0.91	5.56	22,610	20,575	0.91	5.88	22,040	20,056	0.91	6.27

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	16,910	12,006	0.71	6.20	16,150	11,467	0.71	6.65	15,390	10,927	0.71	7.20
20	18	18,240	10,762	0.59	6.36	17,670	10,425	0.59	6.85	16,530	9,753	0.59	7.36
20	20	19,760	9,287	0.47	6.52	19,000	8,930	0.47	6.98	17,860	8,394	0.47	7.49
22	16	16,910	13,359	0.79	6.20	16,150	12,759	0.79	6.65	15,390	12,158	0.79	7.20
22	18	18,240	12,221	0.67	6.36	17,670	11,839	0.67	6.85	16,530	11,075	0.67	7.36
22	20	19,760	10,868	0.55	6.52	19,000	10,450	0.55	6.98	17,860	9,823	0.55	7.49
24	16	16,910	14,712	0.87	6.20	16,150	14,051	0.87	6.65	15,390	13,389	0.87	7.20
24	18	18,240	13,680	0.75	6.36	17,670	13,253	0.75	6.85	16,530	12,398	0.75	7.36
24	20	19,760	12,449	0.63	6.52	19,000	11,970	0.63	6.98	17,860	11,252	0.63	7.49
24	22	21,280	10,853	0.51	6.65	20,520	10,465	0.51	7.17	19,380	9,884	0.51	7.62
26	16	16,910	16,065	0.95	6.20	16,150	15,343	0.95	6.65	15,390	14,621	0.95	7.20
26	18	18,240	15,139	0.83	6.36	17,670	14,666	0.83	6.85	16,530	13,720	0.83	7.36
26	20	19,760	14,030	0.71	6.52	19,000	13,490	0.71	6.98	17,860	12,681	0.71	7.49
26	22	21,280	12,555	0.59	6.65	20,520	12,107	0.59	7.17	19,380	11,434	0.59	7.62
27	16	16,910	16,741	0.99	6.20	16,150	15,989	0.99	6.65	15,390	15,236	0.99	7.20
27	18	18,240	15,869	0.87	6.36	17,670	15,373	0.87	6.85	16,530	14,381	0.87	7.36
27	20	19,760	14,820	0.75	6.52	19,000	14,250	0.75	6.98	17,860	13,395	0.75	7.49
27	22	21,280	13,406	0.63	6.65	20,520	12,928	0.63	7.17	19,380	12,209	0.63	7.62
28	16	16,910	16,910	1.00	6.20	16,150	16,150	1.00	6.65	15,390	15,390	1.00	7.20
28	18	18,240	16,598	0.91	6.36	17,670	16,080	0.91	6.85	16,530	15,042	0.91	7.36
28	20	19,760	15,610	0.79	6.52	19,000	15,010	0.79	6.98	17,860	14,109	0.79	7.49
28	22	21,280	14,258	0.67	6.65	20,520	13,748	0.67	7.17	19,380	12,985	0.67	7.62
30	16	16,910	16,910	1.00	6.20	16,150	16,150	1.00	6.65	15,390	15,390	1.00	7.20
30	18	18,240	18,058	0.99	6.36	17,670	17,493	0.99	6.85	16,530	16,365	0.99	7.36
30	20	19,760	17,191	0.87	6.52	19,000	16,530	0.87	6.98	17,860	15,538	0.87	7.49
30	22	21,280	15,960	0.75	6.65	20,520	15,390	0.75	7.17	19,380	14,535	0.75	7.62
32	16	16,910	16,910	1.00	6.20	16,150	16,150	1.00	6.65	15,390	15,390	1.00	7.20
32	18	18,240	18,240	1.00	6.36	17,670	17,670	1.00	6.85	16,530	16,530	1.00	7.36
32	20	19,760	18,772	0.95	6.52	19,000	18,050	0.95	6.98	17,860	16,967	0.95	7.49
32	22	21,280	17,662	0.83	6.65	20,520	17,032	0.83	7.17	19,380	16,085	0.83	7.62
34	16	16,910	16,910	1.00	6.20	16,150	16,150	1.00	6.65	15,390	15,390	1.00	7.20
34	18	18,240	18,240	1.00	6.36	17,670	17,670	1.00	6.85	16,530	16,530	1.00	7.36
34	20	19,760	19,760	1.00	6.52	19,000	19,000	1.00	6.98	17,860	17,860	1.00	7.49
34	22	21,280	19,365	0.91	6.65	20,520	18,673	0.91	7.17	19,380	17,636	0.91	7.62

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY
PEA-RP250GAQ / PUHZ-ZRP250YKA

(400V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	21,780	16,553	0.76	6.65	21,120	16,051	0.76	7.02	20,460	15,550	0.76	7.44
20	18	23,320	14,925	0.64	6.77	22,660	14,502	0.64	7.15	21,890	14,010	0.64	7.65
20	20	25,080	13,042	0.52	6.98	24,530	12,756	0.52	7.31	23,870	12,412	0.52	7.81
22	16	21,780	18,295	0.84	6.65	21,120	17,741	0.84	7.02	20,460	17,186	0.84	7.44
22	18	23,320	16,790	0.72	6.77	22,660	16,315	0.72	7.15	21,890	15,761	0.72	7.65
22	20	25,080	15,048	0.60	6.98	24,530	14,718	0.60	7.31	23,870	14,322	0.60	7.81
24	16	21,780	20,038	0.92	6.65	21,120	19,430	0.92	7.02	20,460	18,823	0.92	7.44
24	18	23,320	18,656	0.80	6.77	22,660	18,128	0.80	7.15	21,890	17,512	0.80	7.65
24	20	25,080	17,054	0.68	6.98	24,530	16,680	0.68	7.31	23,870	16,232	0.68	7.81
24	22	26,730	14,969	0.56	7.15	26,180	14,661	0.56	7.56	25,520	14,291	0.56	8.06
26	16	21,780	21,780	1.00	6.65	21,120	21,120	1.00	7.02	20,460	20,460	1.00	7.44
26	18	23,320	20,522	0.88	6.77	22,660	19,941	0.88	7.15	21,890	19,263	0.88	7.65
26	20	25,080	19,061	0.76	6.98	24,530	18,643	0.76	7.31	23,870	18,141	0.76	7.81
26	22	26,730	17,107	0.64	7.15	26,180	16,755	0.64	7.56	25,520	16,333	0.64	8.06
27	16	21,780	21,780	1.00	6.65	21,120	21,120	1.00	7.02	20,460	20,460	1.00	7.44
27	18	23,320	21,454	0.92	6.77	22,660	20,847	0.92	7.15	21,890	20,139	0.92	7.65
27	20	25,080	20,064	0.80	6.98	24,530	19,624	0.80	7.31	23,870	19,096	0.80	7.81
27	22	26,730	18,176	0.68	7.15	26,180	17,802	0.68	7.56	25,520	17,354	0.68	8.06
28	16	21,780	21,780	1.00	6.65	21,120	21,120	1.00	7.02	20,460	20,460	1.00	7.44
28	18	23,320	22,387	0.96	6.77	22,660	21,754	0.96	7.15	21,890	21,014	0.96	7.65
28	20	25,080	21,067	0.84	6.98	24,530	20,605	0.84	7.31	23,870	20,051	0.84	7.81
28	22	26,730	19,246	0.72	7.15	26,180	18,850	0.72	7.56	25,520	18,374	0.72	8.06
30	16	21,780	21,780	1.00	6.65	21,120	21,120	1.00	7.02	20,460	20,460	1.00	7.44
30	18	23,320	23,320	1.00	6.77	22,660	22,660	1.00	7.15	21,890	21,890	1.00	7.65
30	20	25,080	23,074	0.92	6.98	24,530	22,568	0.92	7.31	23,870	21,960	0.92	7.81
30	22	26,730	21,384	0.80	7.15	26,180	20,944	0.80	7.56	25,520	20,416	0.80	8.06
32	16	21,780	21,780	1.00	6.65	21,120	21,120	1.00	7.02	20,460	20,460	1.00	7.44
32	18	23,320	23,320	1.00	6.77	22,660	22,660	1.00	7.15	21,890	21,890	1.00	7.65
32	20	25,080	25,080	1.00	6.98	24,530	24,530	1.00	7.31	23,870	23,870	1.00	7.81
32	22	26,730	23,522	0.88	7.15	26,180	23,038	0.88	7.56	25,520	22,458	0.88	8.06
34	16	21,780	21,780	1.00	6.65	21,120	21,120	1.00	7.02	20,460	20,460	1.00	7.44
34	18	23,320	23,320	1.00	6.77	22,660	22,660	1.00	7.15	21,890	21,890	1.00	7.65
34	20	25,080	25,080	1.00	6.98	24,530	24,530	1.00	7.31	23,870	23,870	1.00	7.81
34	22	26,730	25,661	0.96	7.15	26,180	25,133	0.96	7.56	25,520	24,499	0.96	8.06

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	19,580	14,881	0.76	7.98	18,700	14,212	0.76	8.56	17,820	13,543	0.76	9.27
20	18	21,120	13,517	0.64	8.19	20,460	13,094	0.64	8.81	19,140	12,250	0.64	9.47
20	20	22,880	11,898	0.52	8.39	22,000	11,440	0.52	8.97	20,680	10,754	0.52	9.64
22	16	19,580	16,447	0.84	7.98	18,700	15,708	0.84	8.56	17,820	14,969	0.84	9.27
22	18	21,120	15,206	0.72	8.19	20,460	14,731	0.72	8.81	19,140	13,781	0.72	9.47
22	20	22,880	13,728	0.60	8.39	22,000	13,200	0.60	8.97	20,680	12,408	0.60	9.64
24	16	19,580	18,014	0.92	7.98	18,700	17,204	0.92	8.56	17,820	16,394	0.92	9.27
24	18	21,120	16,896	0.80	8.19	20,460	16,368	0.80	8.81	19,140	15,312	0.80	9.47
24	20	22,880	15,558	0.68	8.39	22,000	14,960	0.68	8.97	20,680	14,062	0.68	9.64
24	22	24,640	13,798	0.56	8.56	23,760	13,306	0.56	9.22	22,440	12,566	0.56	9.81
26	16	19,580	19,580	1.00	7.98	18,700	18,700	1.00	8.56	17,820	17,820	1.00	9.27
26	18	21,120	18,586	0.88	8.19	20,460	18,005	0.88	8.81	19,140	16,843	0.88	9.47
26	20	22,880	17,389	0.76	8.39	22,000	16,720	0.76	8.97	20,680	15,717	0.76	9.64
26	22	24,640	15,770	0.64	8.56	23,760	15,206	0.64	9.22	22,440	14,362	0.64	9.81
27	16	19,580	19,580	1.00	7.98	18,700	18,700	1.00	8.56	17,820	17,820	1.00	9.27
27	18	21,120	19,430	0.92	8.19	20,460	18,823	0.92	8.81	19,140	17,609	0.92	9.47
27	20	22,880	18,304	0.80	8.39	22,000	17,600	0.80	8.97	20,680	16,544	0.80	9.64
27	22	24,640	16,755	0.68	8.56	23,760	16,157	0.68	9.22	22,440	15,259	0.68	9.81
28	16	19,580	19,580	1.00	7.98	18,700	18,700	1.00	8.56	17,820	17,820	1.00	9.27
28	18	21,120	20,275	0.96	8.19	20,460	19,642	0.96	8.81	19,140	18,374	0.96	9.47
28	20	22,880	19,219	0.84	8.39	22,000	18,480	0.84	8.97	20,680	17,371	0.84	9.64
28	22	24,640	17,741	0.72	8.56	23,760	17,107	0.72	9.22	22,440	16,157	0.72	9.81
30	16	19,580	19,580	1.00	7.98	18,700	18,700	1.00	8.56	17,820	17,820	1.00	9.27
30	18	21,120	21,120	1.00	8.19	20,460	20,460	1.00	8.81	19,140	19,140	1.00	9.47
30	20	22,880	21,050	0.92	8.39	22,000	20,240	0.92	8.97	20,680	19,026	0.92	9.64
30	22	24,640	19,712	0.80	8.56	23,760	19,008	0.80	9.22	22,440	17,952	0.80	9.81
32	16	19,580	19,580	1.00	7.98	18,700	18,700	1.00	8.56	17,820	17,820	1.00	9.27
32	18	21,120	21,120	1.00	8.19	20,460	20,460	1.00	8.81	19,140	19,140	1.00	9.47
32	20	22,880	22,880	1.00	8.39	22,000	22,000	1.00	8.97	20,680	20,680	1.00	9.64
32	22	24,640	21,683	0.88	8.56	23,760	20,909	0.88	9.22	22,440	19,747	0.88	9.81
34	16	19,580	19,580	1.00	7.98	18,700	18,700	1.00	8.56	17,820	17,820	1.00	9.27
34	18	21,120	21,120	1.00	8.19	20,460	20,460	1.00	8.81	19,140	19,140	1.00	9.47
34	20	22,880	22,880	1.00	8.39	22,000	22,000	1.00	8.97	20,680	20,680	1.00	9.64
34	22	24,640	23,654	0.96	8.56	23,760	22,810	0.96	9.22	22,440	21,542	0.96	9.81

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY

PEA-RP400GAQ / PUHZ-ZRP200YKA×2

(400V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	37,620	24,453	0.65	9.98	36,480	23,712	0.65	10.54	35,340	22,971	0.65	11.16
20	18	40,280	21,348	0.53	10.16	39,140	20,744	0.53	10.72	37,810	20,039	0.53	11.47
20	20	43,320	17,761	0.41	10.47	42,370	17,372	0.41	10.97	41,230	16,904	0.41	11.72
22	16	37,620	27,463	0.73	9.98	36,480	26,630	0.73	10.54	35,340	25,798	0.73	11.16
22	18	40,280	24,571	0.61	10.16	39,140	23,875	0.61	10.72	37,810	23,064	0.61	11.47
22	20	43,320	21,227	0.49	10.47	42,370	20,761	0.49	10.97	41,230	20,203	0.49	11.72
24	16	37,620	30,472	0.81	9.98	36,480	29,549	0.81	10.54	35,340	28,625	0.81	11.16
24	18	40,280	27,793	0.69	10.16	39,140	27,007	0.69	10.72	37,810	26,089	0.69	11.47
24	20	43,320	24,692	0.57	10.47	42,370	24,151	0.57	10.97	41,230	23,501	0.57	11.72
24	22	46,170	20,777	0.45	10.72	45,220	20,349	0.45	11.35	44,080	19,836	0.45	12.10
26	16	37,620	33,482	0.89	9.98	36,480	32,467	0.89	10.54	35,340	31,453	0.89	11.16
26	18	40,280	31,016	0.77	10.16	39,140	30,138	0.77	10.72	37,810	29,114	0.77	11.47
26	20	43,320	28,158	0.65	10.47	42,370	27,541	0.65	10.97	41,230	26,800	0.65	11.72
26	22	46,170	24,470	0.53	10.72	45,220	23,967	0.53	11.35	44,080	23,362	0.53	12.10
27	16	37,620	34,987	0.93	9.98	36,480	33,926	0.93	10.54	35,340	32,866	0.93	11.16
27	18	40,280	32,627	0.81	10.16	39,140	31,703	0.81	10.72	37,810	30,626	0.81	11.47
27	20	43,320	29,891	0.69	10.47	42,370	29,235	0.69	10.97	41,230	28,449	0.69	11.72
27	22	46,170	26,317	0.57	10.72	45,220	25,775	0.57	11.35	44,080	25,126	0.57	12.10
28	16	37,620	36,491	0.97	9.98	36,480	35,386	0.97	10.54	35,340	34,280	0.97	11.16
28	18	40,280	34,238	0.85	10.16	39,140	33,269	0.85	10.72	37,810	32,139	0.85	11.47
28	20	43,320	31,624	0.73	10.47	42,370	30,930	0.73	10.97	41,230	30,098	0.73	11.72
28	22	46,170	28,164	0.61	10.72	45,220	27,584	0.61	11.35	44,080	26,889	0.61	12.10
30	16	37,620	37,620	1.00	9.98	36,480	36,480	1.00	10.54	35,340	35,340	1.00	11.16
30	18	40,280	37,460	0.93	10.16	39,140	36,400	0.93	10.72	37,810	35,163	0.93	11.47
30	20	43,320	35,089	0.81	10.47	42,370	34,320	0.81	10.97	41,230	33,396	0.81	11.72
30	22	46,170	31,857	0.69	10.72	45,220	31,202	0.69	11.35	44,080	30,415	0.69	12.10
32	16	37,620	37,620	1.00	9.98	36,480	36,480	1.00	10.54	35,340	35,340	1.00	11.16
32	18	40,280	40,280	1.00	10.16	39,140	39,140	1.00	10.72	37,810	37,810	1.00	11.47
32	20	43,320	38,555	0.89	10.47	42,370	37,709	0.89	10.97	41,230	36,695	0.89	11.72
32	22	46,170	35,551	0.77	10.72	45,220	34,819	0.77	11.35	44,080	33,942	0.77	12.10
34	16	37,620	37,620	1.00	9.98	36,480	36,480	1.00	10.54	35,340	35,340	1.00	11.16
34	18	40,280	40,280	1.00	10.16	39,140	39,140	1.00	10.72	37,810	37,810	1.00	11.47
34	20	43,320	42,020	0.97	10.47	42,370	41,099	0.97	10.97	41,230	39,993	0.97	11.72
34	22	46,170	39,245	0.85	10.72	45,220	38,437	0.85	11.35	44,080	37,468	0.85	12.10

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	33,820	21,983	0.65	11.97	32,300	20,995	0.65	12.84	30,780	20,007	0.65	13.90
20	18	36,480	19,334	0.53	12.28	35,340	18,730	0.53	13.22	33,060	17,522	0.53	14.22
20	20	39,520	16,203	0.41	12.59	38,000	15,580	0.41	13.47	35,720	14,645	0.41	14.47
22	16	33,820	24,689	0.73	11.97	32,300	23,579	0.73	12.84	30,780	22,469	0.73	13.90
22	18	36,480	22,253	0.61	12.28	35,340	21,557	0.61	13.22	33,060	20,167	0.61	14.22
22	20	39,520	19,365	0.49	12.59	38,000	18,620	0.49	13.47	35,720	17,503	0.49	14.47
24	16	33,820	27,394	0.81	11.97	32,300	26,163	0.81	12.84	30,780	24,932	0.81	13.90
24	18	36,480	25,171	0.69	12.28	35,340	24,385	0.69	13.22	33,060	22,811	0.69	14.22
24	20	39,520	22,526	0.57	12.59	38,000	21,660	0.57	13.47	35,720	20,360	0.57	14.47
24	22	42,560	19,152	0.45	12.84	41,040	18,468	0.45	13.84	38,760	17,442	0.45	14.71
26	16	33,820	30,100	0.89	11.97	32,300	28,747	0.89	12.84	30,780	27,394	0.89	13.90
26	18	36,480	28,090	0.77	12.28	35,340	27,212	0.77	13.22	33,060	25,456	0.77	14.22
26	20	39,520	25,688	0.65	12.59	38,000	24,700	0.65	13.47	35,720	23,218	0.65	14.47
26	22	42,560	22,557	0.53	12.84	41,040	21,751	0.53	13.84	38,760	20,543	0.53	14.71
27	16	33,820	31,453	0.93	11.97	32,300	30,039	0.93	12.84	30,780	28,625	0.93	13.90
27	18	36,480	29,549	0.81	12.28	35,340	28,625	0.81	13.22	33,060	26,779	0.81	14.22
27	20	39,520	27,269	0.69	12.59	38,000	26,220	0.69	13.47	35,720	24,647	0.69	14.47
27	22	42,560	24,259	0.57	12.84	41,040	23,393	0.57	13.84	38,760	22,093	0.57	14.71
28	16	33,820	32,805	0.97	11.97	32,300	31,331	0.97	12.84	30,780	29,857	0.97	13.90
28	18	36,480	31,008	0.85	12.28	35,340	30,039	0.85	13.22	33,060	28,101	0.85	14.22
28	20	39,520	28,850	0.73	12.59	38,000	27,740	0.73	13.47	35,720	26,076	0.73	14.47
28	22	42,560	25,962	0.61	12.84	41,040	25,034	0.61	13.84	38,760	23,644	0.61	14.71
30	16	33,820	33,820	1.00	11.97	32,300	32,300	1.00	12.84	30,780	30,780	1.00	13.90
30	18	36,480	33,926	0.93	12.28	35,340	32,866	0.93	13.22	33,060	30,746	0.93	14.22
30	20	39,520	32,011	0.81	12.59	38,000	30,780	0.81	13.47	35,720	28,933	0.81	14.47
30	22	42,560	29,366	0.69	12.84	41,040	28,318	0.69	13.84	38,760	26,744	0.69	14.71
32	16	33,820	33,820	1.00	11.97	32,300	32,300	1.00	12.84	30,780	30,780	1.00	13.90
32	18	36,480	36,480	1.00	12.28	35,340	35,340	1.00	13.22	33,060	33,060	1.00	14.22
32	20	39,520	35,173	0.89	12.59	38,000	33,820	0.89	13.47	35,720	31,791	0.89	14.47
32	22	42,560	32,771	0.77	12.84	41,040	31,601	0.77	13.84	38,760	29,845	0.77	14.71
34	16	33,820	33,820	1.00	11.97	32,300	32,300	1.00	12.84	30,780	30,780	1.00	13.90
34	18	36,480	36,480	1.00	12.28	35,340	35,340	1.00	13.22	33,060	33,060	1.00	14.22
34	20	39,520	38,334	0.97	12.59	38,000	36,860	0.97	13.47	35,720	34,648	0.97	14.47
34	22	42,560	36,176	0.85	12.84	41,040	34,884	0.85	13.84	38,760	32,946	0.85	14.71

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY

PEA-RP500GAQ / PUHZ-ZRP250YKA×2

(400V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	43,560	29,185	0.67	13.68	42,240	28,301	0.67	14.45	40,920	27,416	0.67	15.30
20	18	46,640	25,652	0.55	13.94	45,320	24,926	0.55	14.71	43,780	24,079	0.55	15.73
20	20	50,160	21,569	0.43	14.36	49,060	21,096	0.43	15.05	47,740	20,528	0.43	16.07
22	16	43,560	32,670	0.75	13.68	42,240	31,680	0.75	14.45	40,920	30,690	0.75	15.30
22	18	46,640	29,383	0.63	13.94	45,320	28,552	0.63	14.71	43,780	27,581	0.63	15.73
22	20	50,160	25,582	0.51	14.36	49,060	25,021	0.51	15.05	47,740	24,347	0.51	16.07
24	16	43,560	36,155	0.83	13.68	42,240	35,059	0.83	14.45	40,920	33,964	0.83	15.30
24	18	46,640	33,114	0.71	13.94	45,320	32,177	0.71	14.71	43,780	31,084	0.71	15.73
24	20	50,160	29,594	0.59	14.36	49,060	28,945	0.59	15.05	47,740	28,167	0.59	16.07
24	22	53,460	25,126	0.47	14.71	52,360	24,609	0.47	15.56	51,040	23,989	0.47	16.59
26	16	43,560	39,640	0.91	13.68	42,240	38,438	0.91	14.45	40,920	37,237	0.91	15.30
26	18	46,640	36,846	0.79	13.94	45,320	35,803	0.79	14.71	43,780	34,586	0.79	15.73
26	20	50,160	33,607	0.67	14.36	49,060	32,870	0.67	15.05	47,740	31,986	0.67	16.07
26	22	53,460	29,403	0.55	14.71	52,360	28,798	0.55	15.56	51,040	28,072	0.55	16.59
27	16	43,560	41,382	0.95	13.68	42,240	40,128	0.95	14.45	40,920	38,874	0.95	15.30
27	18	46,640	38,711	0.83	13.94	45,320	37,616	0.83	14.71	43,780	36,337	0.83	15.73
27	20	50,160	35,614	0.71	14.36	49,060	34,833	0.71	15.05	47,740	33,895	0.71	16.07
27	22	53,460	31,541	0.59	14.71	52,360	30,892	0.59	15.56	51,040	30,114	0.59	16.59
28	16	43,560	43,124	0.99	13.68	42,240	41,818	0.99	14.45	40,920	40,511	0.99	15.30
28	18	46,640	40,577	0.87	13.94	45,320	39,428	0.87	14.71	43,780	38,089	0.87	15.73
28	20	50,160	37,620	0.75	14.36	49,060	36,795	0.75	15.05	47,740	35,805	0.75	16.07
28	22	53,460	33,680	0.63	14.71	52,360	32,987	0.63	15.56	51,040	32,155	0.63	16.59
30	16	43,560	43,560	1.00	13.68	42,240	42,240	1.00	14.45	40,920	40,920	1.00	15.30
30	18	46,640	44,308	0.95	13.94	45,320	43,054	0.95	14.71	43,780	41,591	0.95	15.73
30	20	50,160	41,633	0.83	14.36	49,060	40,720	0.83	15.05	47,740	39,624	0.83	16.07
30	22	53,460	37,957	0.71	14.71	52,360	37,176	0.71	15.56	51,040	36,238	0.71	16.59
32	16	43,560	43,560	1.00	13.68	42,240	42,240	1.00	14.45	40,920	40,920	1.00	15.30
32	18	46,640	46,640	1.00	13.94	45,320	45,320	1.00	14.71	43,780	43,780	1.00	15.73
32	20	50,160	45,646	0.91	14.36	49,060	44,645	0.91	15.05	47,740	43,443	0.91	16.07
32	22	53,460	42,233	0.79	14.71	52,360	41,364	0.79	15.56	51,040	40,322	0.79	16.59
34	16	43,560	43,560	1.00	13.68	42,240	42,240	1.00	14.45	40,920	40,920	1.00	15.30
34	18	46,640	46,640	1.00	13.94	45,320	45,320	1.00	14.71	43,780	43,780	1.00	15.73
34	20	50,160	49,658	0.99	14.36	49,060	48,569	0.99	15.05	47,740	47,263	0.99	16.07
34	22	53,460	46,510	0.87	14.71	52,360	45,553	0.87	15.56	51,040	44,405	0.87	16.59

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	39,160	26,237	0.67	16.42	37,400	25,058	0.67	17.61	35,640	23,879	0.67	19.07
20	18	42,240	23,232	0.55	16.84	40,920	22,506	0.55	18.13	38,280	21,054	0.55	19.49
20	20	45,760	19,677	0.43	17.27	44,000	18,920	0.43	18.47	41,360	17,785	0.43	19.84
22	16	39,160	29,370	0.75	16.42	37,400	28,050	0.75	17.61	35,640	26,730	0.75	19.07
22	18	42,240	26,611	0.63	16.84	40,920	25,780	0.63	18.13	38,280	24,116	0.63	19.49
22	20	45,760	23,338	0.51	17.27	44,000	22,440	0.51	18.47	41,360	21,094	0.51	19.84
24	16	39,160	32,503	0.83	16.42	37,400	31,042	0.83	17.61	35,640	29,581	0.83	19.07
24	18	42,240	29,990	0.71	16.84	40,920	29,053	0.71	18.13	38,280	27,179	0.71	19.49
24	20	45,760	26,998	0.59	17.27	44,000	25,960	0.59	18.47	41,360	24,402	0.59	19.84
24	22	49,280	23,162	0.47	17.61	47,520	22,334	0.47	18.98	44,880	21,094	0.47	20.18
26	16	39,160	35,636	0.91	16.42	37,400	34,034	0.91	17.61	35,640	32,432	0.91	19.07
26	18	42,240	33,370	0.79	16.84	40,920	32,327	0.79	18.13	38,280	30,241	0.79	19.49
26	20	45,760	30,659	0.67	17.27	44,000	29,480	0.67	18.47	41,360	27,711	0.67	19.84
26	22	49,280	27,104	0.55	17.61	47,520	26,136	0.55	18.98	44,880	24,684	0.55	20.18
27	16	39,160	37,202	0.95	16.42	37,400	35,530	0.95	17.61	35,640	33,858	0.95	19.07
27	18	42,240	35,059	0.83	16.84	40,920	33,964	0.83	18.13	38,280	31,772	0.83	19.49
27	20	45,760	32,490	0.71	17.27	44,000	31,240	0.71	18.47	41,360	29,366	0.71	19.84
27	22	49,280	29,075	0.59	17.61	47,520	28,037	0.59	18.98	44,880	26,479	0.59	20.18
28	16	39,160	38,768	0.99	16.42	37,400	37,026	0.99	17.61	35,640	35,284	0.99	19.07
28	18	42,240	36,749	0.87	16.84	40,920	35,600	0.87	18.13	38,280	33,304	0.87	19.49
28	20	45,760	34,320	0.75	17.27	44,000	33,000	0.75	18.47	41,360	31,020	0.75	19.84
28	22	49,280	31,046	0.63	17.61	47,520	29,938	0.63	18.98	44,880	28,274	0.63	20.18
30	16	39,160	39,160	1.00	16.42	37,400	37,400	1.00	17.61	35,640	35,640	1.00	19.07
30	18	42,240	40,128	0.95	16.84	40,920	38,874	0.95	18.13	38,280	36,366	0.95	19.49
30	20	45,760	37,981	0.83	17.27	44,000	36,520	0.83	18.47	41,360	34,329	0.83	19.84
30	22	49,280	34,989	0.71	17.61	47,520	33,739	0.71	18.98	44,880	31,865	0.71	20.18
32	16	39,160	39,160	1.00	16.42	37,400	37,400	1.00	17.61	35,640	35,640	1.00	19.07
32	18	42,240	42,240	1.00	16.84	40,920	40,920	1.00	18.13	38,280	38,280	1.00	19.49
32	20	45,760	41,642	0.91	17.27	44,000	40,040	0.91	18.47	41,360	37,638	0.91	19.84
32	22	49,280	38,931	0.79	17.61	47,520	37,541	0.79	18.98	44,880	35,455	0.79	20.18
34	16	39,160	39,160	1.00	16.42	37,400	37,400	1.00	17.61	35,640	35,640	1.00	19.07
34	18	42,240	42,240	1.00	16.84	40,920	40,920	1.00	18.13	38,280	38,280	1.00	19.49
34	20	45,760	45,302	0.99	17.27	44,000	43,560	0.99	18.47	41,360	40,946	0.99	19.84
34	22	49,280	42,874	0.87	17.61	47,520	41,342	0.87	18.98	44,880	39,046	0.87	20.18

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY
PEA-RP200GAQ / PUHZ-P200YKA

(400V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	18,810	13,355	0.71	5.17	18,240	12,950	0.71	5.46	17,670	12,546	0.71	5.78
20	18	20,140	11,883	0.59	5.26	19,570	11,546	0.59	5.56	18,905	11,154	0.59	5.94
20	20	21,660	10,180	0.47	5.43	21,185	9,957	0.47	5.68	20,615	9,689	0.47	6.07
22	16	18,810	14,860	0.79	5.17	18,240	14,410	0.79	5.46	17,670	13,959	0.79	5.78
22	18	20,140	13,494	0.67	5.26	19,570	13,112	0.67	5.56	18,905	12,666	0.67	5.94
22	20	21,660	11,913	0.55	5.43	21,185	11,652	0.55	5.68	20,615	11,338	0.55	6.07
24	16	18,810	16,365	0.87	5.17	18,240	15,869	0.87	5.46	17,670	15,373	0.87	5.78
24	18	20,140	15,105	0.75	5.26	19,570	14,678	0.75	5.56	18,905	14,179	0.75	5.94
24	20	21,660	13,646	0.63	5.43	21,185	13,347	0.63	5.68	20,615	12,987	0.63	6.07
24	22	23,085	11,773	0.51	5.56	22,610	11,531	0.51	5.88	22,040	11,240	0.51	6.27
26	16	18,810	17,870	0.95	5.17	18,240	17,328	0.95	5.46	17,670	16,787	0.95	5.78
26	18	20,140	16,716	0.83	5.26	19,570	16,243	0.83	5.56	18,905	15,691	0.83	5.94
26	20	21,660	15,379	0.71	5.43	21,185	15,041	0.71	5.68	20,615	14,637	0.71	6.07
26	22	23,085	13,620	0.59	5.56	22,610	13,340	0.59	5.88	22,040	13,004	0.59	6.27
27	16	18,810	18,622	0.99	5.17	18,240	18,058	0.99	5.46	17,670	17,493	0.99	5.78
27	18	20,140	17,522	0.87	5.26	19,570	17,026	0.87	5.56	18,905	16,447	0.87	5.94
27	20	21,660	16,245	0.75	5.43	21,185	15,889	0.75	5.68	20,615	15,461	0.75	6.07
27	22	23,085	14,544	0.63	5.56	22,610	14,244	0.63	5.88	22,040	13,885	0.63	6.27
28	16	18,810	18,810	1.00	5.17	18,240	18,240	1.00	5.46	17,670	17,670	1.00	5.78
28	18	20,140	18,327	0.91	5.26	19,570	17,809	0.91	5.56	18,905	17,204	0.91	5.94
28	20	21,660	17,111	0.79	5.43	21,185	16,736	0.79	5.68	20,615	16,286	0.79	6.07
28	22	23,085	15,467	0.67	5.56	22,610	15,149	0.67	5.88	22,040	14,767	0.67	6.27
30	16	18,810	18,810	1.00	5.17	18,240	18,240	1.00	5.46	17,670	17,670	1.00	5.78
30	18	20,140	19,939	0.99	5.26	19,570	19,374	0.99	5.56	18,905	18,716	0.99	5.94
30	20	21,660	18,844	0.87	5.43	21,185	18,431	0.87	5.68	20,615	17,935	0.87	6.07
30	22	23,085	17,314	0.75	5.56	22,610	16,958	0.75	5.88	22,040	16,530	0.75	6.27
32	16	18,810	18,810	1.00	5.17	18,240	18,240	1.00	5.46	17,670	17,670	1.00	5.78
32	18	20,140	20,140	1.00	5.26	19,570	19,570	1.00	5.56	18,905	18,905	1.00	5.94
32	20	21,660	20,577	0.95	5.43	21,185	20,126	0.95	5.68	20,615	19,584	0.95	6.07
32	22	23,085	19,161	0.83	5.56	22,610	18,766	0.83	5.88	22,040	18,293	0.83	6.27
34	16	18,810	18,810	1.00	5.17	18,240	18,240	1.00	5.46	17,670	17,670	1.00	5.78
34	18	20,140	20,140	1.00	5.26	19,570	19,570	1.00	5.56	18,905	18,905	1.00	5.94
34	20	21,660	21,660	1.00	5.43	21,185	21,185	1.00	5.68	20,615	20,615	1.00	6.07
34	22	23,085	21,007	0.91	5.56	22,610	20,575	0.91	5.88	22,040	20,056	0.91	6.27

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	16,910	12,006	0.71	6.20	16,150	11,467	0.71	6.65	15,390	10,927	0.71	7.20
20	18	18,240	10,762	0.59	6.36	17,670	10,425	0.59	6.85	16,530	9,753	0.59	7.36
20	20	19,760	9,287	0.47	6.52	19,000	8,930	0.47	6.98	17,860	8,394	0.47	7.49
22	16	16,910	13,359	0.79	6.20	16,150	12,759	0.79	6.65	15,390	12,158	0.79	7.20
22	18	18,240	12,221	0.67	6.36	17,670	11,839	0.67	6.85	16,530	11,075	0.67	7.36
22	20	19,760	10,868	0.55	6.52	19,000	10,450	0.55	6.98	17,860	9,823	0.55	7.49
24	16	16,910	14,712	0.87	6.20	16,150	14,051	0.87	6.65	15,390	13,389	0.87	7.20
24	18	18,240	13,680	0.75	6.36	17,670	13,253	0.75	6.85	16,530	12,398	0.75	7.36
24	20	19,760	12,449	0.63	6.52	19,000	11,970	0.63	6.98	17,860	11,252	0.63	7.49
24	22	21,280	10,853	0.51	6.65	20,520	10,465	0.51	7.17	19,380	9,884	0.51	7.62
26	16	16,910	16,065	0.95	6.20	16,150	15,343	0.95	6.65	15,390	14,621	0.95	7.20
26	18	18,240	15,139	0.83	6.36	17,670	14,666	0.83	6.85	16,530	13,720	0.83	7.36
26	20	19,760	14,030	0.71	6.52	19,000	13,490	0.71	6.98	17,860	12,681	0.71	7.49
26	22	21,280	12,555	0.59	6.65	20,520	12,107	0.59	7.17	19,380	11,434	0.59	7.62
27	16	16,910	16,741	0.99	6.20	16,150	15,989	0.99	6.65	15,390	15,236	0.99	7.20
27	18	18,240	15,869	0.87	6.36	17,670	15,373	0.87	6.85	16,530	14,381	0.87	7.36
27	20	19,760	14,820	0.75	6.52	19,000	14,250	0.75	6.98	17,860	13,395	0.75	7.49
27	22	21,280	13,406	0.63	6.65	20,520	12,928	0.63	7.17	19,380	12,209	0.63	7.62
28	16	16,910	16,910	1.00	6.20	16,150	16,150	1.00	6.65	15,390	15,390	1.00	7.20
28	18	18,240	16,598	0.91	6.36	17,670	16,080	0.91	6.85	16,530	15,042	0.91	7.36
28	20	19,760	15,610	0.79	6.52	19,000	15,010	0.79	6.98	17,860	14,109	0.79	7.49
28	22	21,280	14,258	0.67	6.65	20,520	13,748	0.67	7.17	19,380	12,985	0.67	7.62
30	16	16,910	16,910	1.00	6.20	16,150	16,150	1.00	6.65	15,390	15,390	1.00	7.20
30	18	18,240	18,058	0.99	6.36	17,670	17,493	0.99	6.85	16,530	16,365	0.99	7.36
30	20	19,760	17,191	0.87	6.52	19,000	16,530	0.87	6.98	17,860	15,538	0.87	7.49
30	22	21,280	15,960	0.75	6.65	20,520	15,390	0.75	7.17	19,380	14,535	0.75	7.62
32	16	16,910	16,910	1.00	6.20	16,150	16,150	1.00	6.65	15,390	15,390	1.00	7.20
32	18	18,240	18,240	1.00	6.36	17,670	17,670	1.00	6.85	16,530	16,530	1.00	7.36
32	20	19,760	18,772	0.95	6.52	19,000	18,050	0.95	6.98	17,860	16,967	0.95	7.49
32	22	21,280	17,662	0.83	6.65	20,520	17,032	0.83	7.17	19,380	16,085	0.83	7.62
34	16	16,910	16,910	1.00	6.20	16,150	16,150	1.00	6.65	15,390	15,390	1.00	7.20
34	18	18,240	18,240	1.00	6.36	17,670	17,670	1.00	6.85	16,530	16,530	1.00	7.36
34	20	19,760	19,760	1.00	6.52	19,000	19,000	1.00	6.98	17,860	17,860	1.00	7.49
34	22	21,280	19,365	0.91	6.65	20,520	18,673	0.91	7.17	19,380	17,636	0.91	7.62

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY
PEA-RP250GAQ / PUHZ-P250YKA

(400V)

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 20 CA	SHC (W)	SHF	P.C.	25 CA	SHC (W)	SHF	P.C.	30 CA	SHC (W)	SHF	P.C.
20	16	21,780	16,553	0.76	6.97	21,120	16,051	0.76	7.36	20,460	15,550	0.76	7.80
20	18	23,320	14,925	0.64	7.10	22,660	14,502	0.64	7.49	21,890	14,010	0.64	8.01
20	20	25,080	13,042	0.52	7.32	24,530	12,756	0.52	7.66	23,870	12,412	0.52	8.19
22	16	21,780	18,295	0.84	6.97	21,120	17,741	0.84	7.36	20,460	17,186	0.84	7.80
22	18	23,320	16,790	0.72	7.10	22,660	16,315	0.72	7.49	21,890	15,761	0.72	8.01
22	20	25,080	15,048	0.60	7.32	24,530	14,718	0.60	7.66	23,870	14,322	0.60	8.19
24	16	21,780	20,038	0.92	6.97	21,120	19,430	0.92	7.36	20,460	18,823	0.92	7.80
24	18	23,320	18,656	0.80	7.10	22,660	18,128	0.80	7.49	21,890	17,512	0.80	8.01
24	20	25,080	17,054	0.68	7.32	24,530	16,680	0.68	7.66	23,870	16,232	0.68	8.19
24	22	26,730	14,969	0.56	7.49	26,180	14,661	0.56	7.93	25,520	14,291	0.56	8.45
26	16	21,780	21,780	1.00	6.97	21,120	21,120	1.00	7.36	20,460	20,460	1.00	7.80
26	18	23,320	20,522	0.88	7.10	22,660	19,941	0.88	7.49	21,890	19,263	0.88	8.01
26	20	25,080	19,061	0.76	7.32	24,530	18,643	0.76	7.66	23,870	18,141	0.76	8.19
26	22	26,730	17,107	0.64	7.49	26,180	16,755	0.64	7.93	25,520	16,333	0.64	8.45
27	16	21,780	21,780	1.00	6.97	21,120	21,120	1.00	7.36	20,460	20,460	1.00	7.80
27	18	23,320	21,454	0.92	7.10	22,660	20,847	0.92	7.49	21,890	20,139	0.92	8.01
27	20	25,080	20,064	0.80	7.32	24,530	19,624	0.80	7.66	23,870	19,096	0.80	8.19
27	22	26,730	18,176	0.68	7.49	26,180	17,802	0.68	7.93	25,520	17,354	0.68	8.45
28	16	21,780	21,780	1.00	6.97	21,120	21,120	1.00	7.36	20,460	20,460	1.00	7.80
28	18	23,320	22,387	0.96	7.10	22,660	21,754	0.96	7.49	21,890	21,014	0.96	8.01
28	20	25,080	21,067	0.84	7.32	24,530	20,605	0.84	7.66	23,870	20,051	0.84	8.19
28	22	26,730	19,246	0.72	7.49	26,180	18,850	0.72	7.93	25,520	18,374	0.72	8.45
30	16	21,780	21,780	1.00	6.97	21,120	21,120	1.00	7.36	20,460	20,460	1.00	7.80
30	18	23,320	23,320	1.00	7.10	22,660	22,660	1.00	7.49	21,890	21,890	1.00	8.01
30	20	25,080	23,074	0.92	7.32	24,530	22,568	0.92	7.66	23,870	21,960	0.92	8.19
30	22	26,730	21,384	0.80	7.49	26,180	20,944	0.80	7.93	25,520	20,416	0.80	8.45
32	16	21,780	21,780	1.00	6.97	21,120	21,120	1.00	7.36	20,460	20,460	1.00	7.80
32	18	23,320	23,320	1.00	7.10	22,660	22,660	1.00	7.49	21,890	21,890	1.00	8.01
32	20	25,080	25,080	1.00	7.32	24,530	24,530	1.00	7.66	23,870	23,870	1.00	8.19
32	22	26,730	23,522	0.88	7.49	26,180	23,038	0.88	7.93	25,520	22,458	0.88	8.45
34	16	21,780	21,780	1.00	6.97	21,120	21,120	1.00	7.36	20,460	20,460	1.00	7.80
34	18	23,320	23,320	1.00	7.10	22,660	22,660	1.00	7.49	21,890	21,890	1.00	8.01
34	20	25,080	25,080	1.00	7.32	24,530	24,530	1.00	7.66	23,870	23,870	1.00	8.19
34	22	26,730	25,661	0.96	7.49	26,180	25,133	0.96	7.93	25,520	24,499	0.96	8.45

Indoor intake air D.B.(℃)	Indoor intake air W.B.(℃)	Outdoor intake air DB℃ 35 CA	SHC (W)	SHF	P.C.	40 CA	SHC (W)	SHF	P.C.	45 CA	SHC (W)	SHF	P.C.
20	16	19,580	14,881	0.76	8.36	18,700	14,212	0.76	8.97	17,820	13,543	0.76	9.71
20	18	21,120	13,517	0.64	8.58	20,460	13,094	0.64	9.23	19,140	12,250	0.64	9.93
20	20	22,880	11,898	0.52	8.80	22,000	11,440	0.52	9.41	20,680	10,754	0.52	10.10
22	16	19,580	16,447	0.84	8.36	18,700	15,708	0.84	8.97	17,820	14,969	0.84	9.71
22	18	21,120	15,206	0.72	8.58	20,460	14,731	0.72	9.23	19,140	13,781	0.72	9.93
22	20	22,880	13,728	0.60	8.80	22,000	13,200	0.60	9.41	20,680	12,408	0.60	10.10
24	16	19,580	18,014	0.92	8.36	18,700	17,204	0.92	8.97	17,820	16,394	0.92	9.71
24	18	21,120	16,896	0.80	8.58	20,460	16,368	0.80	9.23	19,140	15,312	0.80	9.93
24	20	22,880	15,558	0.68	8.80	22,000	14,960	0.68	9.41	20,680	14,062	0.68	10.10
24	22	24,640	13,798	0.56	8.97	23,760	13,306	0.56	9.67	22,440	12,566	0.56	10.28
26	16	19,580	19,580	1.00	8.36	18,700	18,700	1.00	8.97	17,820	17,820	1.00	9.71
26	18	21,120	18,586	0.88	8.58	20,460	18,005	0.88	9.23	19,140	16,843	0.88	9.93
26	20	22,880	17,389	0.76	8.80	22,000	16,720	0.76	9.41	20,680	15,717	0.76	10.10
26	22	24,640	15,770	0.64	8.97	23,760	15,206	0.64	9.67	22,440	14,362	0.64	10.28
27	16	19,580	19,580	1.00	8.36	18,700	18,700	1.00	8.97	17,820	17,820	1.00	9.71
27	18	21,120	19,430	0.92	8.58	20,460	18,823	0.92	9.23	19,140	17,609	0.92	9.93
27	20	22,880	18,304	0.80	8.80	22,000	17,600	0.80	9.41	20,680	16,544	0.80	10.10
27	22	24,640	16,755	0.68	8.97	23,760	16,157	0.68	9.67	22,440	15,259	0.68	10.28
28	16	19,580	19,580	1.00	8.36	18,700	18,700	1.00	8.97	17,820	17,820	1.00	9.71
28	18	21,120	20,275	0.96	8.58	20,460	19,642	0.96	9.23	19,140	18,374	0.96	9.93
28	20	22,880	19,219	0.84	8.80	22,000	18,480	0.84	9.41	20,680	17,371	0.84	10.10
28	22	24,640	17,741	0.72	8.97	23,760	17,107	0.72	9.67	22,440	16,157	0.72	10.28
30	16	19,580	19,580	1.00	8.36	18,700	18,700	1.00	8.97	17,820	17,820	1.00	9.71
30	18	21,120	21,120	1.00	8.58	20,460	20,460	1.00	9.23	19,140	19,140	1.00	9.93
30	20	22,880	21,050	0.92	8.80	22,000	20,240	0.92	9.41	20,680	19,026	0.92	10.10
30	22	24,640	19,712	0.80	8.97	23,760	19,008	0.80	9.67	22,440	17,952	0.80	10.28
32	16	19,580	19,580	1.00	8.36	18,700	18,700	1.00	8.97	17,820	17,820	1.00	9.71
32	18	21,120	21,120	1.00	8.58	20,460	20,460	1.00	9.23	19,140	19,140	1.00	9.93
32	20	22,880	22,880	1.00	8.80	22,000	22,000	1.00	9.41	20,680	20,680	1.00	10.10
32	22	24,640	21,683	0.88	8.97	23,760	20,909	0.88	9.67	22,440	19,747	0.88	10.28
34	16	19,580	19,580	1.00	8.36	18,700	18,700	1.00	8.97	17,820	17,820	1.00	9.71
34	18	21,120	21,120	1.00	8.58	20,460	20,460	1.00	9.23	19,140	19,140	1.00	9.93
34	20	22,880	22,880	1.00	8.80	22,000	22,000	1.00	9.41	20,680	20,680	1.00	10.10
34	22	24,640	23,654	0.96	8.97	23,760	22,810	0.96	9.67	22,440	21,542	0.96	10.28

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY

PEA-RP400GAQ / PUHZ-P200YKA×2

(400V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	37,620	24,453	0.65	10.26	36,480	23,712	0.65	10.84	35,340	22,971	0.65	11.48
20	18	40,280	21,348	0.53	10.46	39,140	20,744	0.53	11.03	37,810	20,039	0.53	11.80
20	20	43,320	17,761	0.41	10.78	42,370	17,372	0.41	11.29	41,230	16,904	0.41	12.06
22	16	37,620	27,463	0.73	10.26	36,480	26,630	0.73	10.84	35,340	25,798	0.73	11.48
22	18	40,280	24,571	0.61	10.46	39,140	23,875	0.61	11.03	37,810	23,064	0.61	11.80
22	20	43,320	21,227	0.49	10.78	42,370	20,761	0.49	11.29	41,230	20,203	0.49	12.06
24	16	37,620	30,472	0.81	10.26	36,480	29,549	0.81	10.84	35,340	28,625	0.81	11.48
24	18	40,280	27,793	0.69	10.46	39,140	27,007	0.69	11.03	37,810	26,089	0.69	11.80
24	20	43,320	24,692	0.57	10.78	42,370	24,151	0.57	11.29	41,230	23,501	0.57	12.06
24	22	46,170	20,777	0.45	11.03	45,220	20,349	0.45	11.68	44,080	19,836	0.45	12.45
26	16	37,620	33,482	0.89	10.26	36,480	32,467	0.89	10.84	35,340	31,453	0.89	11.48
26	18	40,280	31,016	0.77	10.46	39,140	30,138	0.77	11.03	37,810	29,114	0.77	11.80
26	20	43,320	28,158	0.65	10.78	42,370	27,541	0.65	11.29	41,230	26,800	0.65	12.06
26	22	46,170	24,470	0.53	11.03	45,220	23,967	0.53	11.68	44,080	23,362	0.53	12.45
27	16	37,620	34,987	0.93	10.26	36,480	33,926	0.93	10.84	35,340	32,866	0.93	11.48
27	18	40,280	32,627	0.81	10.46	39,140	31,703	0.81	11.03	37,810	30,626	0.81	11.80
27	20	43,320	29,891	0.69	10.78	42,370	29,235	0.69	11.29	41,230	28,449	0.69	12.06
27	22	46,170	26,317	0.57	11.03	45,220	25,775	0.57	11.68	44,080	25,126	0.57	12.45
28	16	37,620	36,491	0.97	10.26	36,480	35,386	0.97	10.84	35,340	34,280	0.97	11.48
28	18	40,280	34,238	0.85	10.46	39,140	33,269	0.85	11.03	37,810	32,139	0.85	11.80
28	20	43,320	31,624	0.73	10.78	42,370	30,930	0.73	11.29	41,230	30,098	0.73	12.06
28	22	46,170	28,164	0.61	11.03	45,220	27,584	0.61	11.68	44,080	26,889	0.61	12.45
30	16	37,620	37,620	1.00	10.26	36,480	36,480	1.00	10.84	35,340	35,340	1.00	11.48
30	18	40,280	37,460	0.93	10.46	39,140	36,400	0.93	11.03	37,810	35,163	0.93	11.80
30	20	43,320	35,089	0.81	10.78	42,370	34,320	0.81	11.29	41,230	33,396	0.81	12.06
30	22	46,170	31,857	0.69	11.03	45,220	31,202	0.69	11.68	44,080	30,415	0.69	12.45
32	16	37,620	37,620	1.00	10.26	36,480	36,480	1.00	10.84	35,340	35,340	1.00	11.48
32	18	40,280	40,280	1.00	10.46	39,140	39,140	1.00	11.03	37,810	37,810	1.00	11.80
32	20	43,320	38,555	0.89	10.78	42,370	37,709	0.89	11.29	41,230	36,695	0.89	12.06
32	22	46,170	35,551	0.77	11.03	45,220	34,819	0.77	11.68	44,080	33,942	0.77	12.45
34	16	37,620	37,620	1.00	10.26	36,480	36,480	1.00	10.84	35,340	35,340	1.00	11.48
34	18	40,280	40,280	1.00	10.46	39,140	39,140	1.00	11.03	37,810	37,810	1.00	11.80
34	20	43,320	42,020	0.97	10.78	42,370	41,099	0.97	11.29	41,230	39,993	0.97	12.06
34	22	46,170	39,245	0.85	11.03	45,220	38,437	0.85	11.68	44,080	37,468	0.85	12.45

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	33,820	21,983	0.65	12.32	32,300	20,995	0.65	13.21	30,780	20,007	0.65	14.31
20	18	36,480	19,334	0.53	12.64	35,340	18,730	0.53	13.60	33,060	17,522	0.53	14.63
20	20	39,520	16,203	0.41	12.96	38,000	15,580	0.41	13.86	35,720	14,645	0.41	14.88
22	16	33,820	24,689	0.73	12.32	32,300	23,579	0.73	13.21	30,780	22,469	0.73	14.31
22	18	36,480	22,253	0.61	12.64	35,340	21,557	0.61	13.60	33,060	20,167	0.61	14.63
22	20	39,520	19,365	0.49	12.96	38,000	18,620	0.49	13.86	35,720	17,503	0.49	14.88
24	16	33,820	27,394	0.81	12.32	32,300	26,163	0.81	13.21	30,780	24,932	0.81	14.31
24	18	36,480	25,171	0.69	12.64	35,340	24,385	0.69	13.60	33,060	22,811	0.69	14.63
24	20	39,520	22,526	0.57	12.96	38,000	21,660	0.57	13.86	35,720	20,360	0.57	14.88
24	22	42,560	19,152	0.45	13.21	41,040	18,468	0.45	14.24	38,760	17,442	0.45	15.14
26	16	33,820	30,100	0.89	12.32	32,300	28,747	0.89	13.21	30,780	27,394	0.89	14.31
26	18	36,480	28,090	0.77	12.64	35,340	27,212	0.77	13.60	33,060	25,456	0.77	14.63
26	20	39,520	25,688	0.65	12.96	38,000	24,700	0.65	13.86	35,720	23,218	0.65	14.88
26	22	42,560	22,557	0.53	13.21	41,040	21,751	0.53	14.24	38,760	20,543	0.53	15.14
27	16	33,820	31,453	0.93	12.32	32,300	30,039	0.93	13.21	30,780	28,625	0.93	14.31
27	18	36,480	29,549	0.81	12.64	35,340	28,625	0.81	13.60	33,060	26,779	0.81	14.63
27	20	39,520	27,269	0.69	12.96	38,000	26,220	0.69	13.86	35,720	24,647	0.69	14.88
27	22	42,560	24,259	0.57	13.21	41,040	23,393	0.57	14.24	38,760	22,093	0.57	15.14
28	16	33,820	32,805	0.97	12.32	32,300	31,331	0.97	13.21	30,780	29,857	0.97	14.31
28	18	36,480	31,008	0.85	12.64	35,340	30,039	0.85	13.60	33,060	28,101	0.85	14.63
28	20	39,520	28,850	0.73	12.96	38,000	27,740	0.73	13.86	35,720	26,076	0.73	14.88
28	22	42,560	25,962	0.61	13.21	41,040	25,034	0.61	14.24	38,760	23,644	0.61	15.14
30	16	33,820	33,820	1.00	12.32	32,300	32,300	1.00	13.21	30,780	30,780	1.00	14.31
30	18	36,480	33,926	0.93	12.64	35,340	32,866	0.93	13.60	33,060	30,746	0.93	14.63
30	20	39,520	32,011	0.81	12.96	38,000	30,780	0.81	13.86	35,720	28,933	0.81	14.88
30	22	42,560	29,366	0.69	13.21	41,040	28,318	0.69	14.24	38,760	26,744	0.69	15.14
32	16	33,820	33,820	1.00	12.32	32,300	32,300	1.00	13.21	30,780	30,780	1.00	14.31
32	18	36,480	36,480	1.00	12.64	35,340	35,340	1.00	13.60	33,060	33,060	1.00	14.63
32	20	39,520	35,173	0.89	12.96	38,000	33,820	0.89	13.86	35,720	31,791	0.89	14.88
32	22	42,560	32,771	0.77	13.21	41,040	31,601	0.77	14.24	38,760	29,845	0.77	15.14
34	16	33,820	33,820	1.00	12.32	32,300	32,300	1.00	13.21	30,780	30,780	1.00	14.31
34	18	36,480	36,480	1.00	12.64	35,340	35,340	1.00	13.60	33,060	33,060	1.00	14.63
34	20	39,520	38,334	0.97	12.96	38,000	36,860	0.97	13.86	35,720	34,648	0.97	14.88
34	22	42,560	36,176	0.85	13.21	41,040	34,884	0.85	14.24	38,760	32,946	0.85	15.14

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

COOLING CAPACITY

PEA-RP500GAQ / PUHZ-P250YKA3×2

(400V)

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		20				25				30			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	43,560	29,185	0.67	14.32	42,240	28,301	0.67	15.13	40,920	27,416	0.67	16.02
20	18	46,640	25,652	0.55	14.59	45,320	24,926	0.55	15.39	43,780	24,079	0.55	16.47
20	20	50,160	21,569	0.43	15.04	49,060	21,096	0.43	15.75	47,740	20,528	0.43	16.83
22	16	43,560	32,670	0.75	14.32	42,240	31,680	0.75	15.13	40,920	30,690	0.75	16.02
22	18	46,640	29,383	0.63	14.59	45,320	28,552	0.63	15.39	43,780	27,581	0.63	16.47
22	20	50,160	25,582	0.51	15.04	49,060	25,021	0.51	15.75	47,740	24,347	0.51	16.83
24	16	43,560	36,155	0.83	14.32	42,240	35,059	0.83	15.13	40,920	33,964	0.83	16.02
24	18	46,640	33,114	0.71	14.59	45,320	32,177	0.71	15.39	43,780	31,084	0.71	16.47
24	20	50,160	29,594	0.59	15.04	49,060	28,945	0.59	15.75	47,740	28,167	0.59	16.83
24	22	53,460	25,126	0.47	15.39	52,360	24,609	0.47	16.29	51,040	23,989	0.47	17.36
26	16	43,560	39,640	0.91	14.32	42,240	38,438	0.91	15.13	40,920	37,237	0.91	16.02
26	18	46,640	36,846	0.79	14.59	45,320	35,803	0.79	15.39	43,780	34,586	0.79	16.47
26	20	50,160	33,607	0.67	15.04	49,060	32,870	0.67	15.75	47,740	31,986	0.67	16.83
26	22	53,460	29,403	0.55	15.39	52,360	28,798	0.55	16.29	51,040	28,072	0.55	17.36
27	16	43,560	41,382	0.95	14.32	42,240	40,128	0.95	15.13	40,920	38,874	0.95	16.02
27	18	46,640	38,711	0.83	14.59	45,320	37,616	0.83	15.39	43,780	36,337	0.83	16.47
27	20	50,160	35,614	0.71	15.04	49,060	34,833	0.71	15.75	47,740	33,895	0.71	16.83
27	22	53,460	31,541	0.59	15.39	52,360	30,892	0.59	16.29	51,040	30,114	0.59	17.36
28	16	43,560	43,124	0.99	14.32	42,240	41,818	0.99	15.13	40,920	40,511	0.99	16.02
28	18	46,640	40,577	0.87	14.59	45,320	39,428	0.87	15.39	43,780	38,089	0.87	16.47
28	20	50,160	37,620	0.75	15.04	49,060	36,795	0.75	15.75	47,740	35,805	0.75	16.83
28	22	53,460	33,680	0.63	15.39	52,360	32,987	0.63	16.29	51,040	32,155	0.63	17.36
30	16	43,560	43,560	1.00	14.32	42,240	42,240	1.00	15.13	40,920	40,920	1.00	16.02
30	18	46,640	44,308	0.95	14.59	45,320	43,054	0.95	15.39	43,780	41,591	0.95	16.47
30	20	50,160	41,633	0.83	15.04	49,060	40,720	0.83	15.75	47,740	39,624	0.83	16.83
30	22	53,460	37,957	0.71	15.39	52,360	37,176	0.71	16.29	51,040	36,238	0.71	17.36
32	16	43,560	43,560	1.00	14.32	42,240	42,240	1.00	15.13	40,920	40,920	1.00	16.02
32	18	46,640	46,640	1.00	14.59	45,320	45,320	1.00	15.39	43,780	43,780	1.00	16.47
32	20	50,160	45,646	0.91	15.04	49,060	44,645	0.91	15.75	47,740	43,443	0.91	16.83
32	22	53,460	42,233	0.79	15.39	52,360	41,364	0.79	16.29	51,040	40,322	0.79	17.36
34	16	43,560	43,560	1.00	14.32	42,240	42,240	1.00	15.13	40,920	40,920	1.00	16.02
34	18	46,640	46,640	1.00	14.59	45,320	45,320	1.00	15.39	43,780	43,780	1.00	16.47
34	20	50,160	49,658	0.99	15.04	49,060	48,569	0.99	15.75	47,740	47,263	0.99	16.83
34	22	53,460	46,510	0.87	15.39	52,360	45,553	0.87	16.29	51,040	44,405	0.87	17.36

Indoor intake air	Indoor intake air	Outdoor intake air DB℃											
		35				40				45			
D.B.(℃)	W.B.(℃)	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.	CA	SHC (W)	SHF	P.C.
20	16	39,160	26,237	0.67	17.18	37,400	25,058	0.67	18.44	35,640	23,879	0.67	19.96
20	18	42,240	23,232	0.55	17.63	40,920	22,506	0.55	18.97	38,280	21,054	0.55	20.41
20	20	45,760	19,677	0.43	18.08	44,000	18,920	0.43	19.33	41,360	17,785	0.43	20.76
22	16	39,160	29,370	0.75	17.18	37,400	28,050	0.75	18.44	35,640	26,730	0.75	19.96
22	18	42,240	26,611	0.63	17.63	40,920	25,780	0.63	18.97	38,280	24,116	0.63	20.41
22	20	45,760	23,338	0.51	18.08	44,000	22,440	0.51	19.33	41,360	21,094	0.51	20.76
24	16	39,160	32,503	0.83	17.18	37,400	31,042	0.83	18.44	35,640	29,581	0.83	19.96
24	18	42,240	29,990	0.71	17.63	40,920	29,053	0.71	18.97	38,280	27,179	0.71	20.41
24	20	45,760	26,998	0.59	18.08	44,000	25,960	0.59	19.33	41,360	24,402	0.59	20.76
24	22	49,280	23,162	0.47	18.44	47,520	22,334	0.47	19.87	44,880	21,094	0.47	21.12
26	16	39,160	35,636	0.91	17.18	37,400	34,034	0.91	18.44	35,640	32,432	0.91	19.96
26	18	42,240	33,370	0.79	17.63	40,920	32,327	0.79	18.97	38,280	30,241	0.79	20.41
26	20	45,760	30,659	0.67	18.08	44,000	29,480	0.67	19.33	41,360	27,711	0.67	20.76
26	22	49,280	27,104	0.55	18.44	47,520	26,136	0.55	19.87	44,880	24,684	0.55	21.12
27	16	39,160	37,202	0.95	17.18	37,400	35,530	0.95	18.44	35,640	33,858	0.95	19.96
27	18	42,240	35,059	0.83	17.63	40,920	33,964	0.83	18.97	38,280	31,772	0.83	20.41
27	20	45,760	32,490	0.71	18.08	44,000	31,240	0.71	19.33	41,360	29,366	0.71	20.76
27	22	49,280	29,075	0.59	18.44	47,520	28,037	0.59	19.87	44,880	26,479	0.59	21.12
28	16	39,160	38,768	0.99	17.18	37,400	37,026	0.99	18.44	35,640	35,284	0.99	19.96
28	18	42,240	36,749	0.87	17.63	40,920	35,600	0.87	18.97	38,280	33,304	0.87	20.41
28	20	45,760	34,320	0.75	18.08	44,000	33,000	0.75	19.33	41,360	31,020	0.75	20.76
28	22	49,280	31,046	0.63	18.44	47,520	29,938	0.63	19.87	44,880	28,274	0.63	21.12
30	16	39,160	39,160	1.00	17.18	37,400	37,400	1.00	18.44	35,640	35,640	1.00	19.96
30	18	42,240	40,128	0.95	17.63	40,920	38,874	0.95	18.97	38,280	36,366	0.95	20.41
30	20	45,760	37,981	0.83	18.08	44,000	36,520	0.83	19.33	41,360	34,329	0.83	20.76
30	22	49,280	34,989	0.71	18.44	47,520	33,739	0.71	19.87	44,880	31,865	0.71	21.12
32	16	39,160	39,160	1.00	17.18	37,400	37,400	1.00	18.44	35,640	35,640	1.00	19.96
32	18	42,240	42,240	1.00	17.63	40,920	40,920	1.00	18.97	38,280	38,280	1.00	20.41
32	20	45,760	41,642	0.91	18.08	44,000	40,040	0.91	19.33	41,360	37,638	0.91	20.76
32	22	49,280	38,931	0.79	18.44	47,520	37,541	0.79	19.87	44,880	35,455	0.79	21.12
34	16	39,160	39,160	1.00	17.18	37,400	37,400	1.00	18.44	35,640	35,640	1.00	19.96
34	18	42,240	42,240	1.00	17.63	40,920	40,920	1.00	18.97	38,280	38,280	1.00	20.41
34	20	45,760	45,302	0.99	18.08	44,000	43,560	0.99	19.33	41,360	40,946	0.99	20.76
34	22	49,280	42,874	0.87	18.44	47,520	41,342	0.87	19.87	44,880	39,046	0.87	21.12

Note: CA : Capacity (W) SHC : Sensible heat capacity (W) D.B.: Dry-bulb temperature
P.C. : Total power input (kW) SHF : Sensible heat factor W.B.: Wet-bulb temperature

HEATING CAPACITY

PEA-RP•GAQ / PUHZ-ZRP•YKA

(400V)

	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEA-RP200GAQ	15	14,224	4.09	15,456	4.51	17,248	5.21	22,624	6.25	25,536	6.94	28,448	7.50
	20	13,664	4.44	14,784	4.86	16,352	5.62	21,840	6.73	24,640	7.50	27,440	8.05
	25	13,216	4.72	14,336	5.27	15,680	6.11	20,608	7.15	23,744	8.02	26,432	8.64
PEA-RP250GAQ	15	17,145	5.27	18,630	5.81	20,790	6.71	27,270	8.05	30,780	8.94	34,290	9.66
	20	16,470	5.72	17,820	6.26	19,710	7.24	26,325	8.67	29,700	9.66	33,075	10.37
	25	15,930	6.08	17,280	6.79	18,900	7.87	24,840	9.21	28,620	10.33	31,860	11.13
PEA-RP400GAQ	15	28,448	7.92	30,912	8.73	34,496	10.07	45,248	12.09	51,072	13.43	56,896	14.50
	20	27,328	8.60	29,568	9.40	32,704	10.88	43,680	13.03	49,280	14.50	54,880	15.58
	25	26,432	9.13	28,672	10.21	31,360	11.82	41,216	13.83	47,488	15.51	52,864	16.72
PEA-RP500GAQ	15	34,290	10.83	37,260	11.93	41,580	13.77	54,540	16.52	61,560	18.36	68,580	19.83
	20	32,940	11.75	35,640	12.85	39,420	14.87	52,650	17.81	59,400	19.83	66,150	21.30
	25	31,860	12.48	34,560	13.95	37,800	16.16	49,680	18.91	57,240	21.21	63,720	22.86

Note: CA: Capacity (W) PC: Total power input (kW)

PEA-RP•GAQ / PUHZ-P•YKA

(400V)

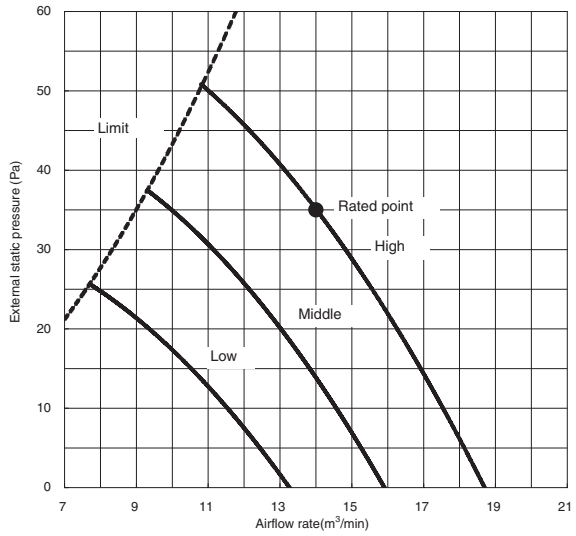
	Indoor intake air DB°C	Outdoor intake air WB°C											
		-10		-5		0		5		10		15	
		CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.	CA	P.C.
PEA-RP200GAQ	15	14,224	4.19	15,456	4.62	17,248	5.33	22,624	6.39	25,536	7.10	28,448	7.67
	20	13,664	4.54	14,784	4.97	16,352	5.75	21,840	6.89	24,640	7.67	27,440	8.24
	25	13,216	4.83	14,336	5.40	15,680	6.25	20,608	7.31	23,744	8.20	26,432	8.84
PEA-RP250GAQ	15	17,145	5.49	18,630	6.05	20,790	6.98	27,270	8.38	30,780	9.31	34,290	10.05
	20	16,470	5.96	17,820	6.52	19,710	7.54	26,325	9.03	29,700	10.05	33,075	10.80
	25	15,930	6.33	17,280	7.08	18,900	8.19	24,840	9.59	28,620	10.75	31,860	11.59
PEA-RP400GAQ	15	28,448	8.11	30,912	8.94	34,496	10.31	45,248	12.38	51,072	13.75	56,896	14.85
	20	27,328	8.80	29,568	9.63	32,704	11.14	43,680	13.34	49,280	14.85	54,880	15.95
	25	26,432	9.35	28,672	10.45	31,360	12.10	41,216	14.16	47,488	15.88	52,864	17.12
PEA-RP500GAQ	15	34,290	11.27	37,260	12.42	41,580	14.33	54,540	17.19	61,560	19.10	68,580	20.63
	20	32,940	12.22	35,640	13.37	39,420	15.47	52,650	18.53	59,400	20.63	66,150	22.16
	25	31,860	12.99	34,560	14.52	37,800	16.81	49,680	19.67	57,240	22.06	63,720	23.78

Note: CA: Capacity (W) PC: Total power input (kW)

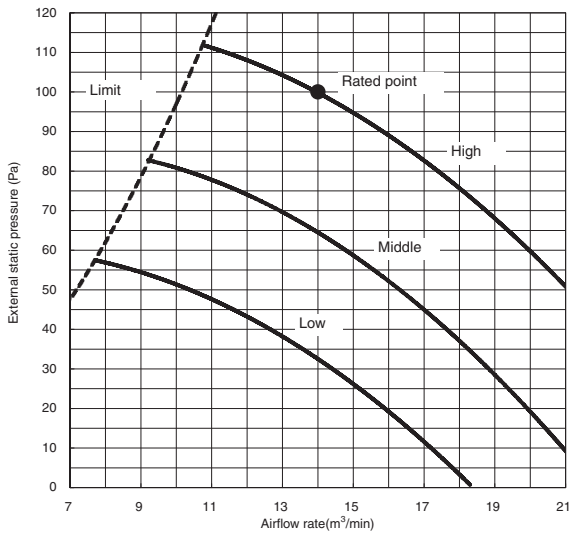
A.6.6 FAN PERFORMANCE

A.6.6.1 PEAD-RP·JA(L)Q

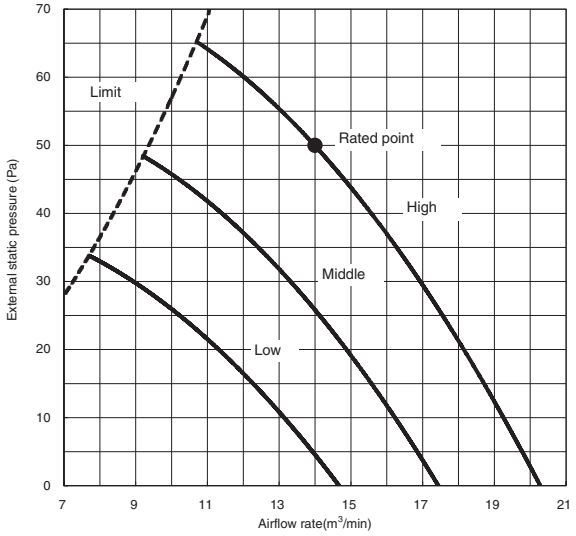
PEAD-RP35JA(L)Q
(External static pressure 35Pa) 220-240V 50/60Hz



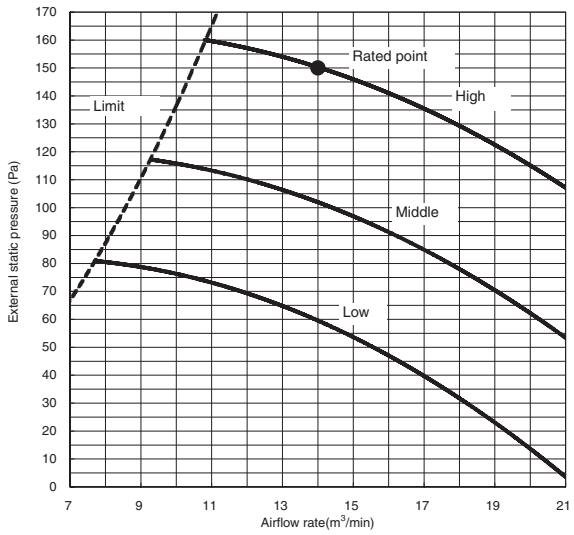
PEAD-RP35JA(L)Q
(External static pressure 100Pa) 220-240V 50/60Hz



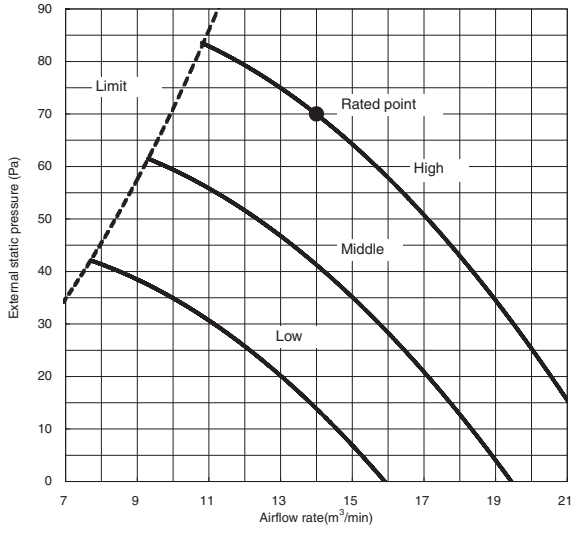
PEAD-RP35JA(L)Q
(External static pressure 50Pa) 220-240V 50/60Hz



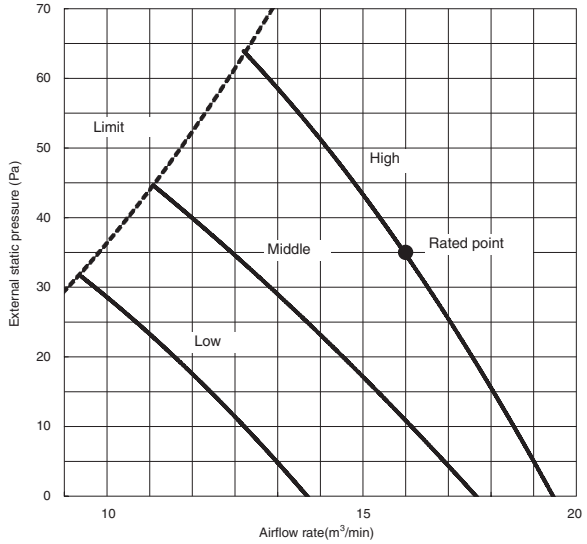
PEAD-RP35JA(L)Q
(External static pressure 150Pa) 220-240V 50/60Hz



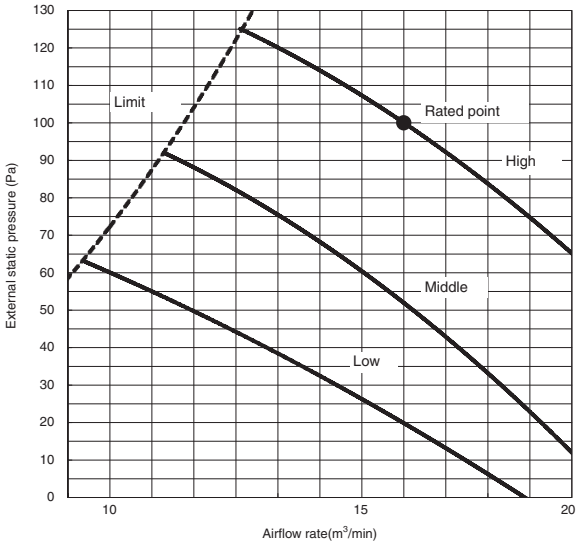
PEAD-RP35JA(L)Q
(External static pressure 70Pa) 220-240V 50/60Hz



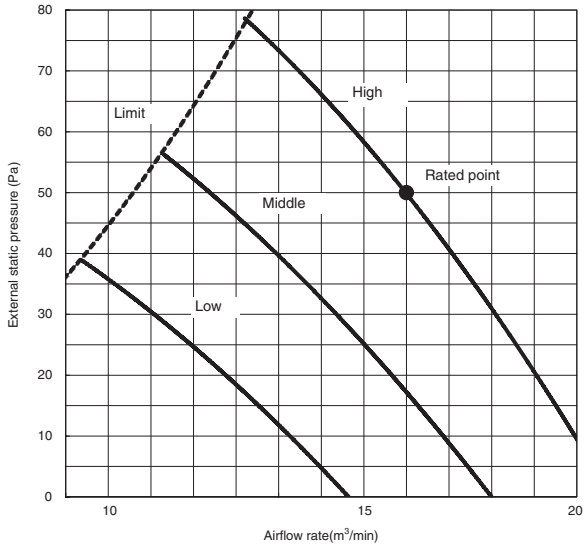
PEAD-RP50JA(L)Q
(External static pressure 35Pa) 220-240V 50/60Hz



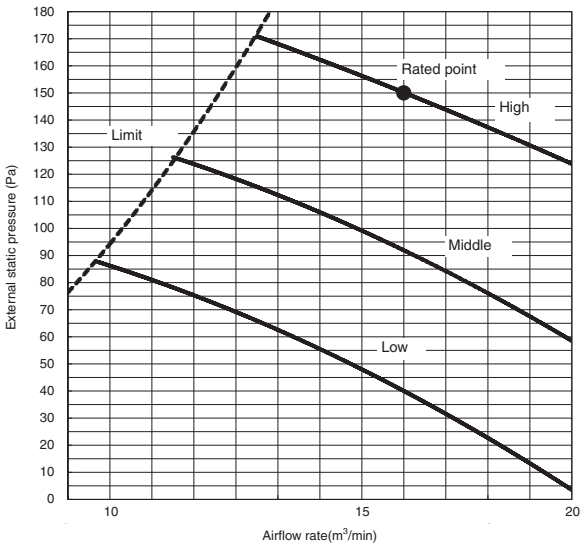
PEAD-RP50JA(L)Q
(External static pressure 100Pa) 220-240V 50/60Hz



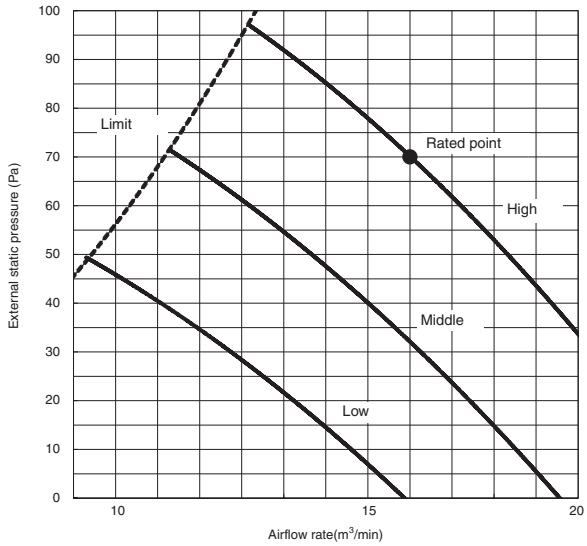
PEAD-RP50JA(L)Q
(External static pressure 50Pa) 220-240V 50/60Hz



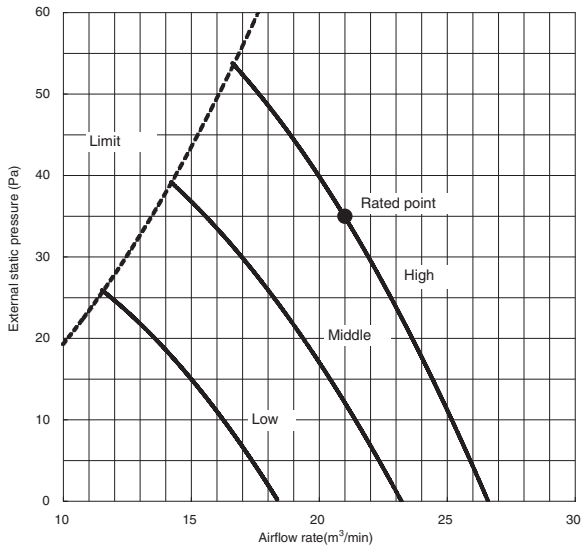
PEAD-RP50JA(L)Q
(External static pressure 150Pa) 220-240V 50/60Hz



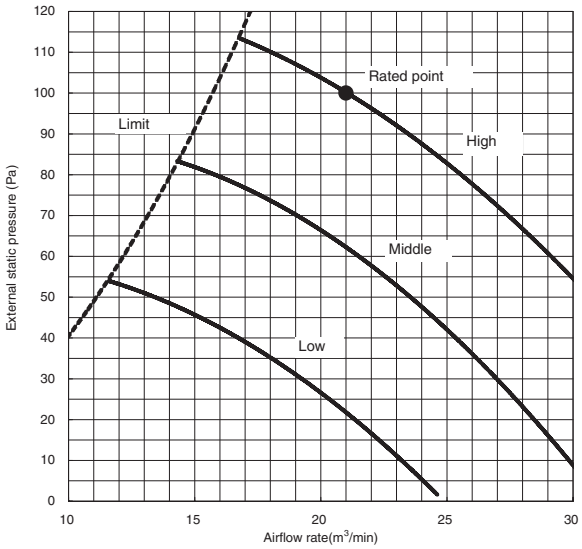
PEAD-RP50JA(L)Q
(External static pressure 70Pa) 220-240V 50/60Hz



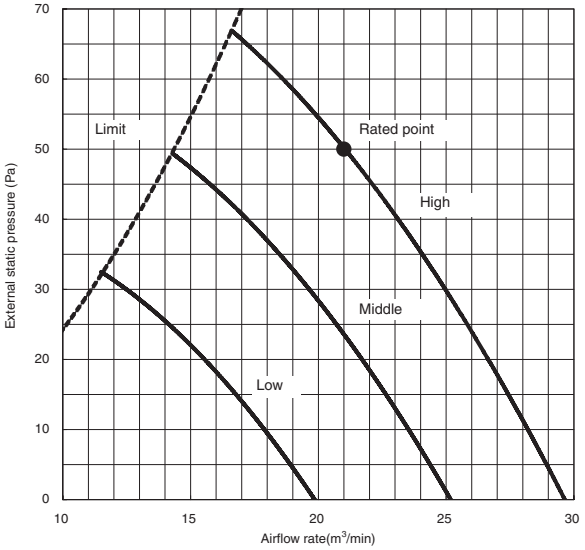
PEAD-RP60JA(L)Q
(External static pressure 35Pa) 220-240V 50/60Hz



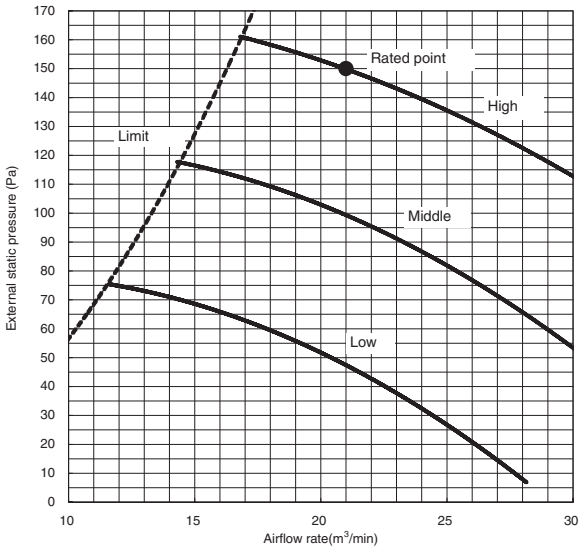
PEAD-RP60JA(L)Q
(External static pressure 100Pa) 220-240V 50/60Hz



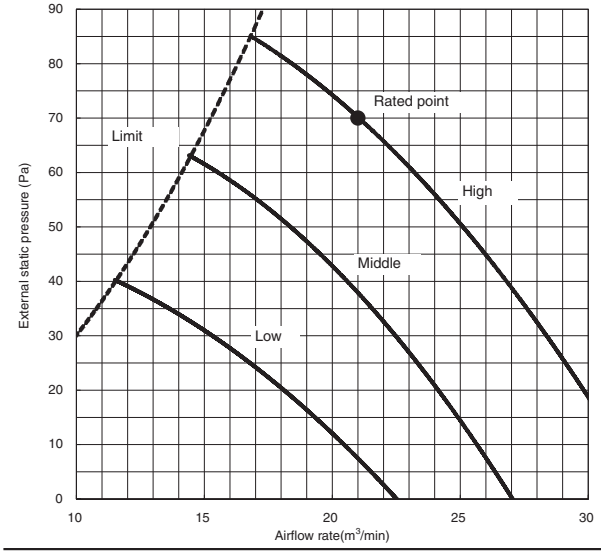
PEAD-RP60JA(L)Q
(External static pressure 50Pa) 220-240V 50/60Hz



PEAD-RP60JA(L)Q
(External static pressure 150Pa) 220-240V 50/60Hz

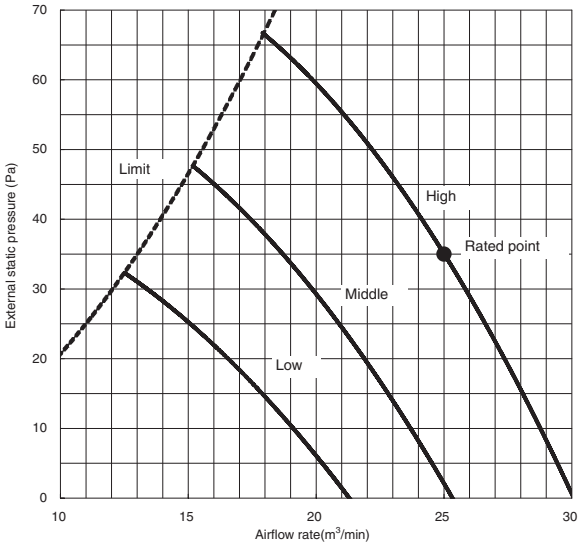


PEAD-RP60JA(L)Q
(External static pressure 70Pa) 220-240V 50/60Hz



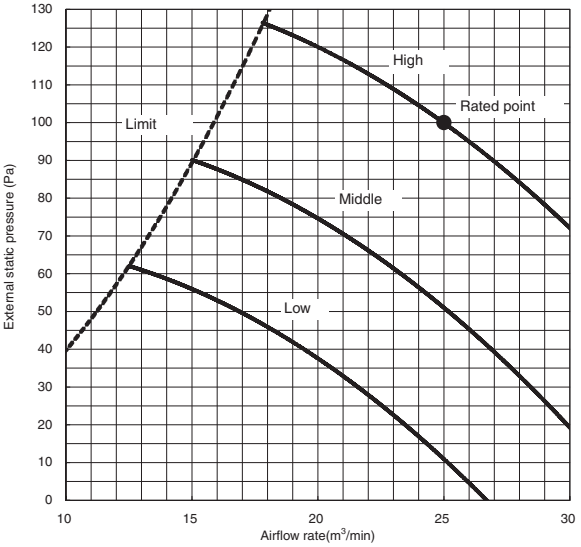
PEAD-RP71JA(L)Q
PEAD-SP71JA(L)

(External static pressure 35Pa) 220-240V 50/60Hz



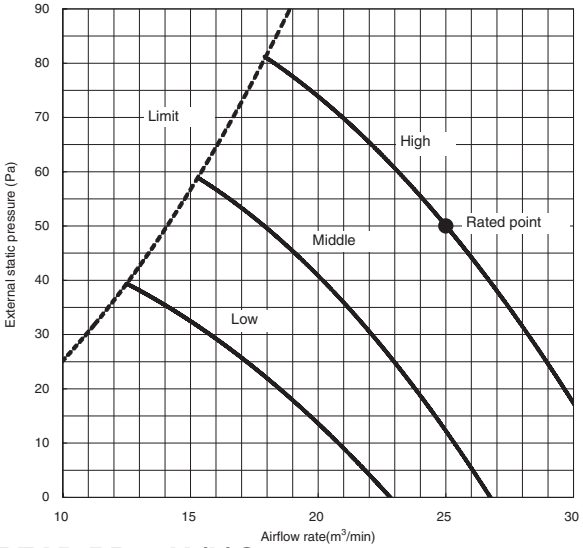
PEAD-RP71JA(L)Q
PEAD-SP71JA(L)

(External static pressure 100Pa) 220-240V 50/60Hz



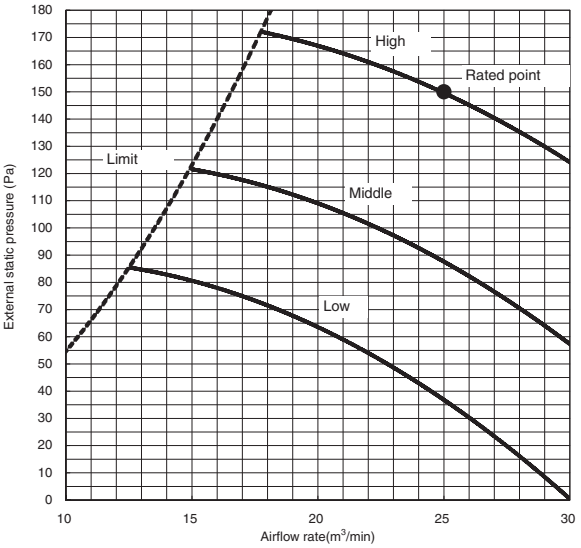
PEAD-RP71JA(L)Q
PEAD-SP71JA(L)

(External static pressure 50Pa) 220-240V 50/60Hz



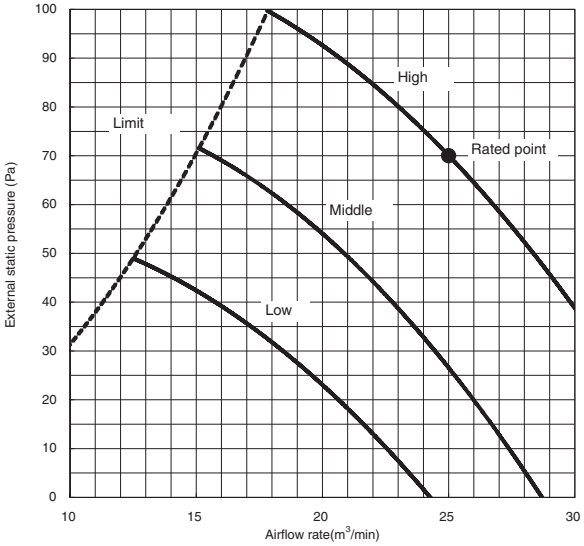
PEAD-RP71JA(L)Q
PEAD-SP71JA(L)

(External static pressure 150Pa) 220-240V 50/60Hz

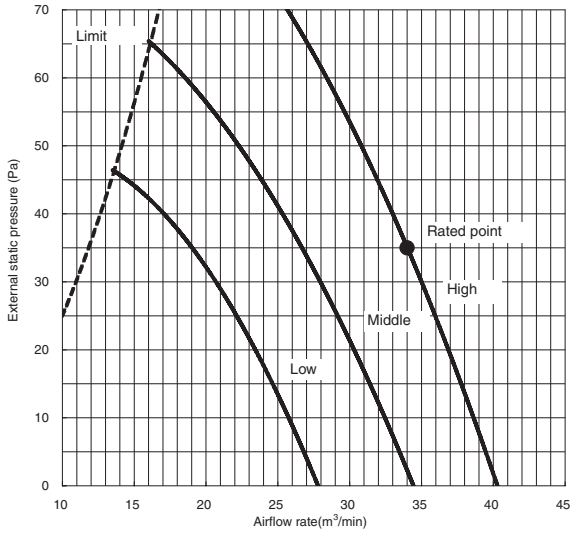


PEAD-RP71JA(L)Q
PEAD-SP71JA(L)

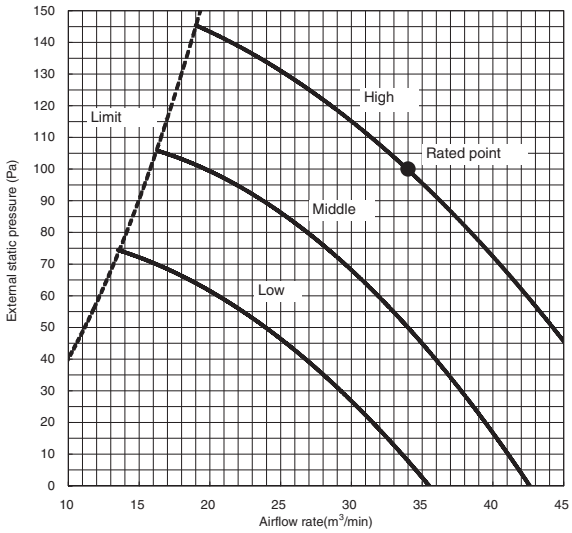
(External static pressure 70Pa) 220-240V 50/60Hz



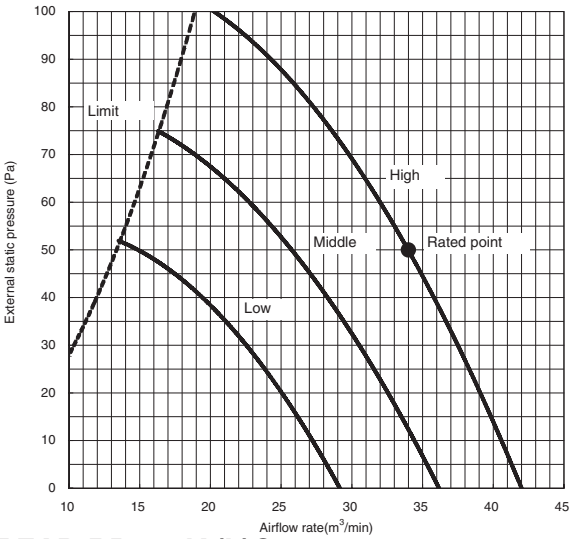
PEAD-RP100JA(L)Q
PEAD-SP100JA(L)
(External static pressure 35Pa) 220-240V 50/60Hz



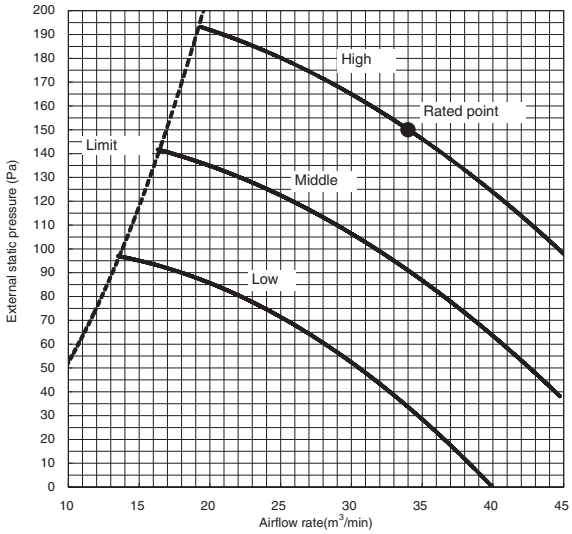
PEAD-RP100JA(L)Q
PEAD-SP100JA(L)
(External static pressure 100Pa) 220-240V 50/60Hz



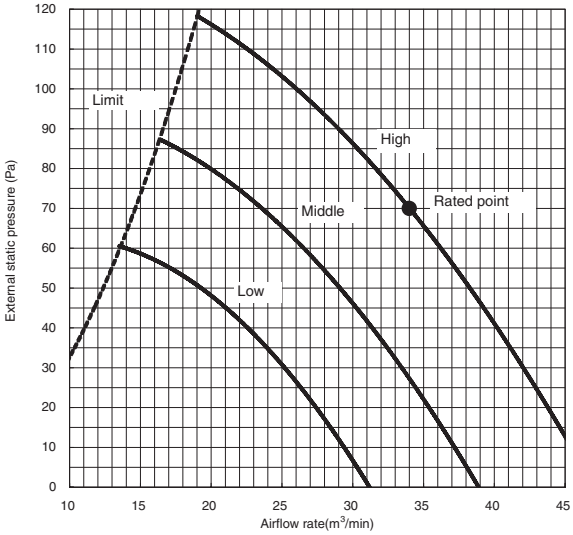
PEAD-RP100JA(L)Q
PEAD-SP100JA(L)
(External static pressure 50Pa) 220-240V 50/60Hz



PEAD-RP100JA(L)Q
PEAD-SP100JA(L)
(External static pressure 150Pa) 220-240V 50/60Hz

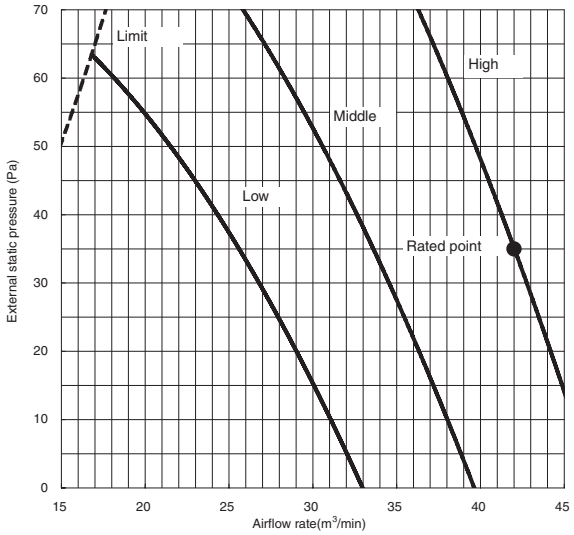


PEAD-RP100JA(L)Q
PEAD-SP100JA(L)
(External static pressure 70Pa) 220-240V 50/60Hz



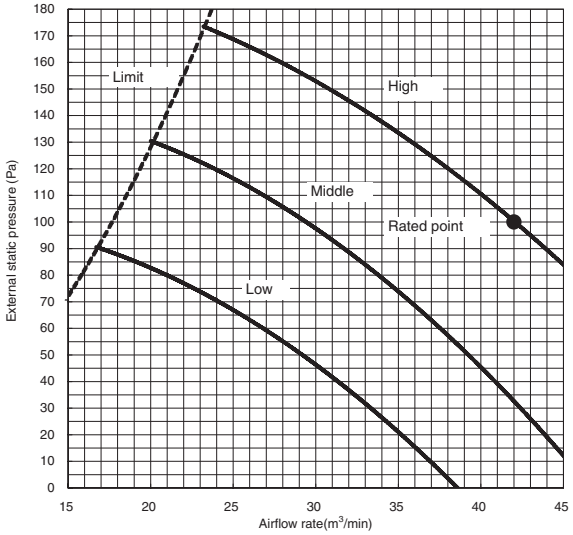
PEAD-RP125JA(L)Q
PEAD-SP125JA(L)

(External static pressure 35Pa) 220-240V 50/60Hz



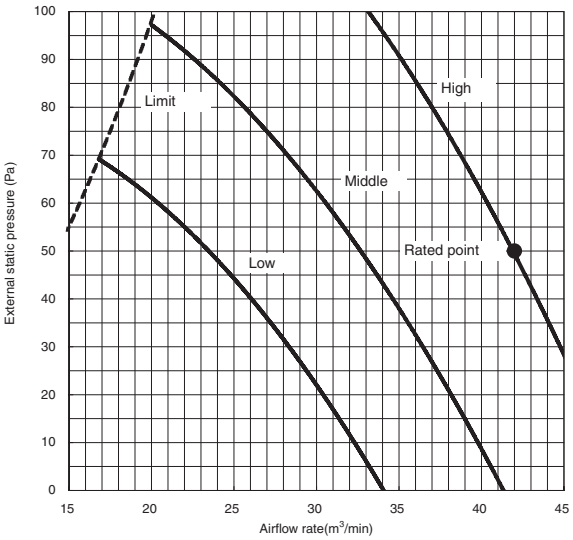
PEAD-RP125JA(L)Q
PEAD-SP125JA(L)

(External static pressure 100Pa) 220-240V 50/60Hz



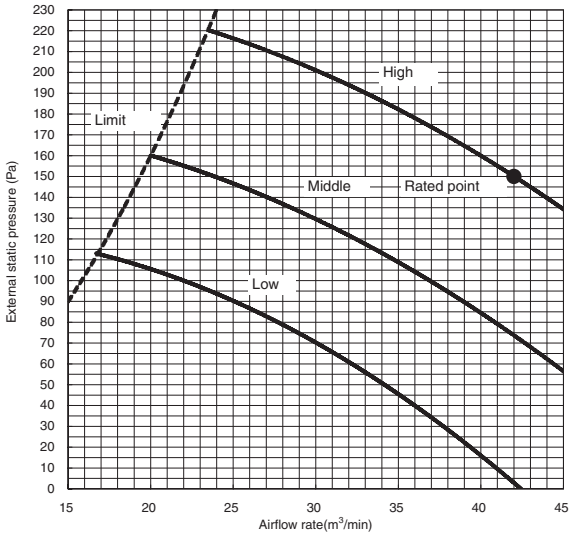
PEAD-RP125JA(L)Q
PEAD-SP125JA(L)

(External static pressure 50Pa) 220-240V 50/60Hz



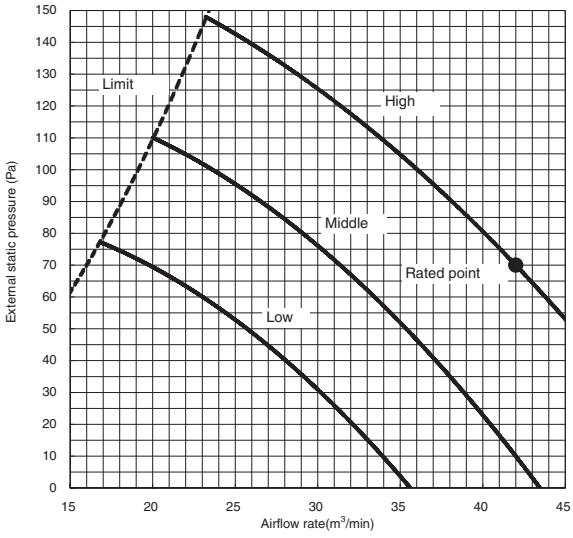
PEAD-RP125JA(L)Q
PEAD-SP125JA(L)

(External static pressure 150Pa) 220-240V 50/60Hz

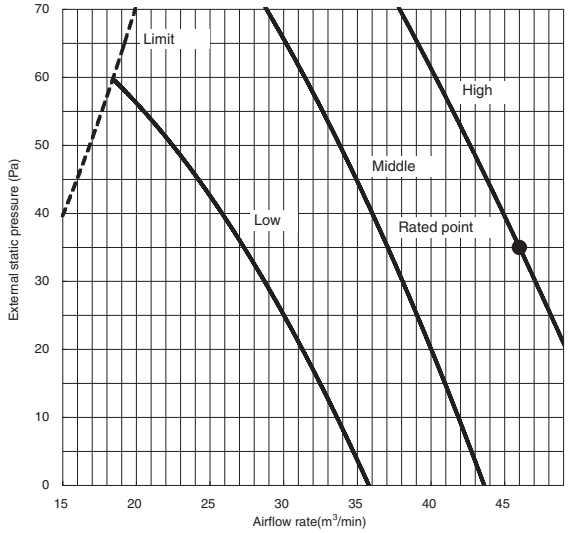


PEAD-RP125JA(L)Q
PEAD-SP125JA(L)

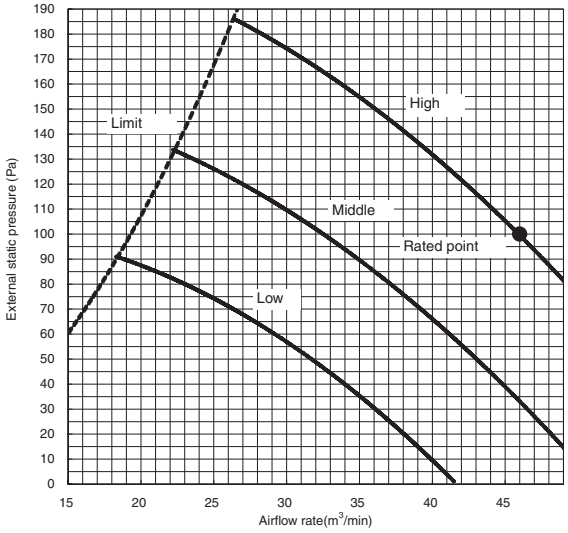
(External static pressure 70Pa) 220-240V 50/60Hz



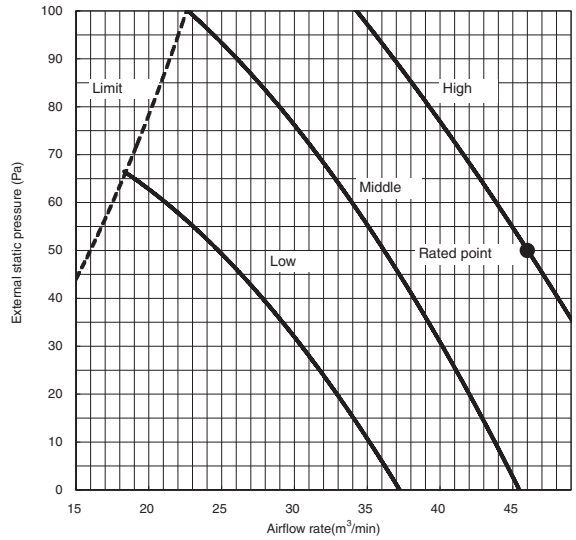
PEAD-RP140JA(L)Q
PEAD-SP140JA(L)
(External static pressure 35Pa) 220-240V 50/60Hz



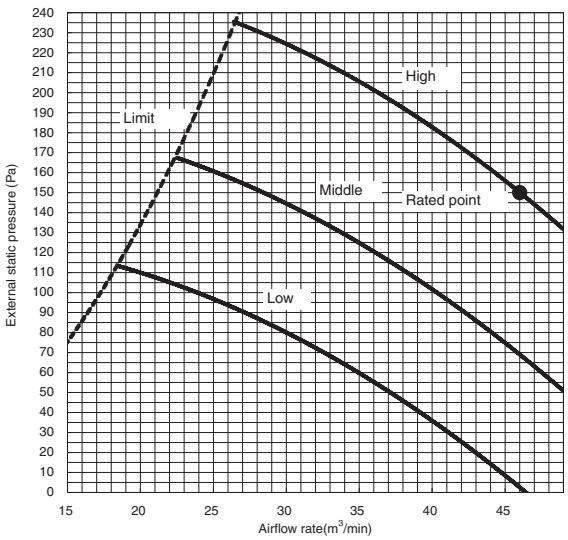
PEAD-RP140JA(L)Q
PEAD-SP140JA(L)
(External static pressure 100Pa) 220-240V 50/60Hz



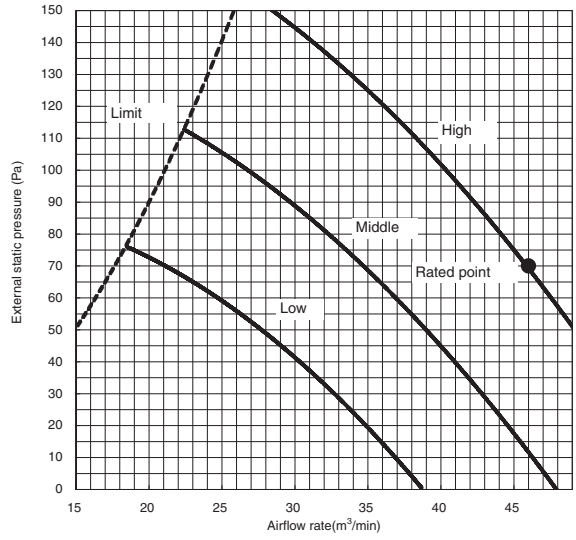
PEAD-RP140JA(L)Q
PEAD-SP140JA(L)
(External static pressure 50Pa) 220-240V 50/60Hz



PEAD-RP140JA(L)Q
PEAD-SP140JA(L)
(External static pressure 150Pa) 220-240V 50/60Hz

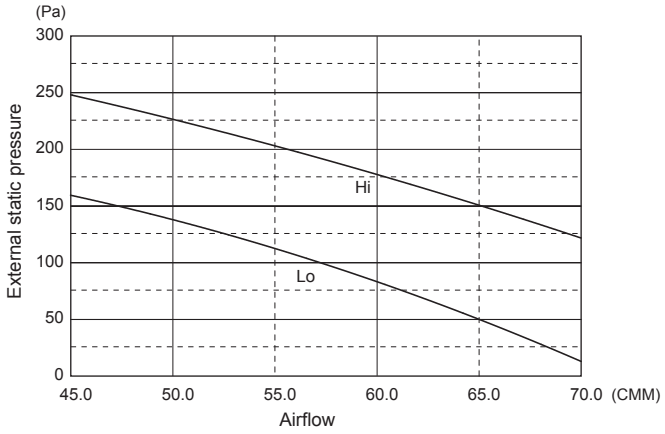


PEAD-RP140JA(L)Q
PEAD-SP140JA(L)
(External static pressure 70Pa) 220-240V 50/60Hz

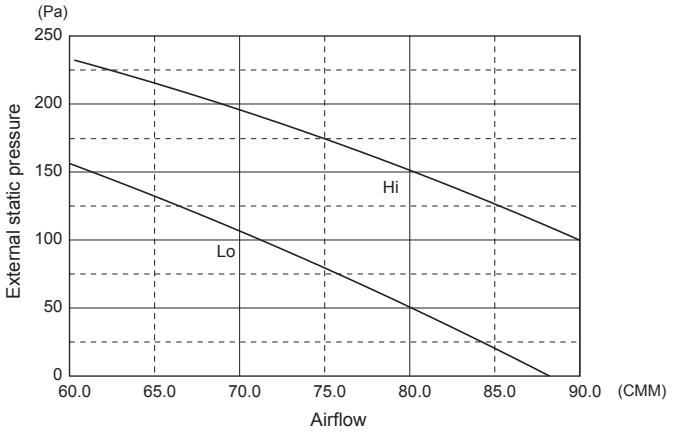


A.6.6.2 PEA-RP·GAQ

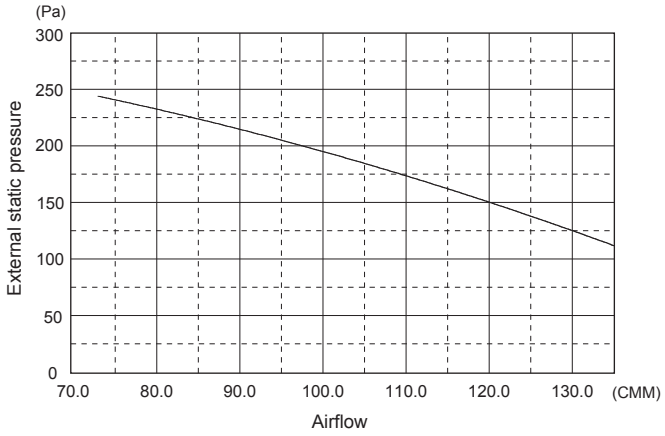
PEA-RP200GAQ
Fan Performance Curve 50Hz



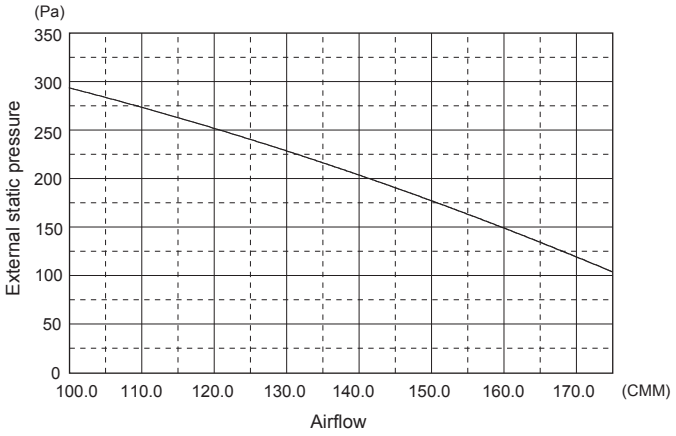
PEA-RP250GAQ
Fan Performance Curve 50Hz



PEA-RP400GAQ
Fan Performance Curve 50Hz



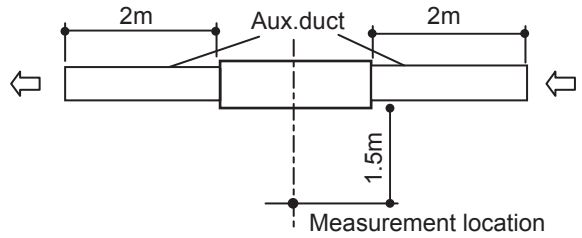
PEA-RP500GAQ
Fan Performance Curve 50Hz



A.6.7 NOISE CRITERIA CURVES

PEAD-RP·JA(L)Q
PEAD-SP·JA(L)

Ceiling concealed

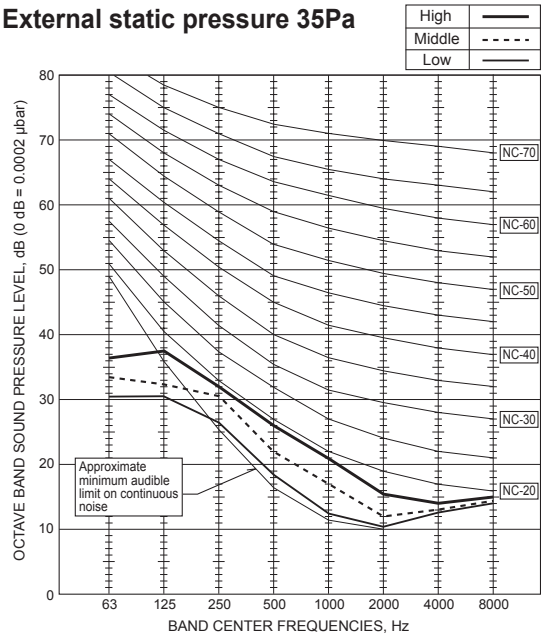


Noise level at anechoic room (Low-Middle-High) Unit:dB(A)

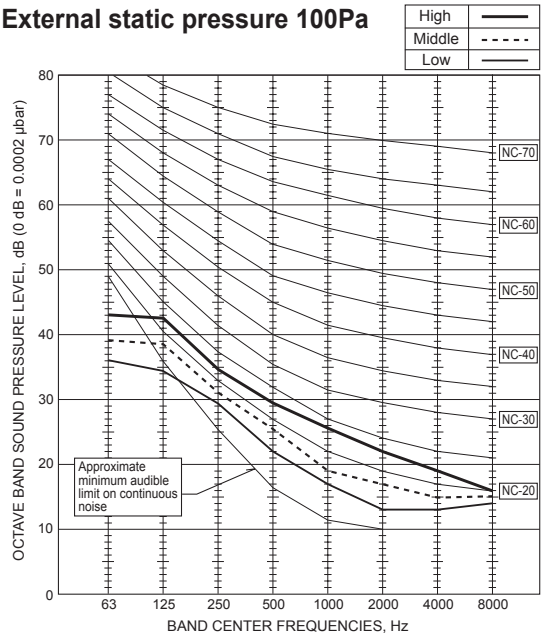
Model	Exrernal static pressure				
	35Pa	50Pa	70Pa	100Pa	150Pa
PEAD-RP35JA(L)Q	23-26-29	23-27-30	24-28-31	26-29-33	29-33-37
PEAD-RP50JA(L)Q	25-30-34	26-31-35	28-32-36	29-33-37	31-35-39
PEAD-RP60JA(L)Q	25-28-32	25-29-33	26-30-34	27-31-35	29-34-38
PEAD-RP71JA(L)Q PEAD-SP71JA(L)	25-29-34	26-30-34	27-31-35	28-32-36	30-35-39
PEAD-RP100JA(L)Q PEAD-SP100JA(L)	28-33-38	29-34-38	30-35-39	31-36-40	34-40-43
PEAD-RP125JA(L)Q PEAD-SP125JA(L)	31-36-40	33-36-40	33-37-41	34-39-42	37-41-45
PEAD-RP140JA(L)Q PEAD-SP140JA(L)	33-37-43	34-38-43	34-39-44	36-40-45	38-42-46

PEAD-RP35JA(L)Q

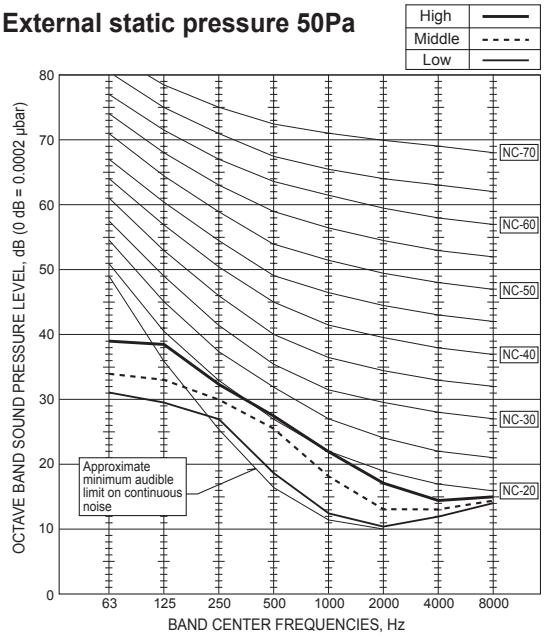
External static pressure 35Pa



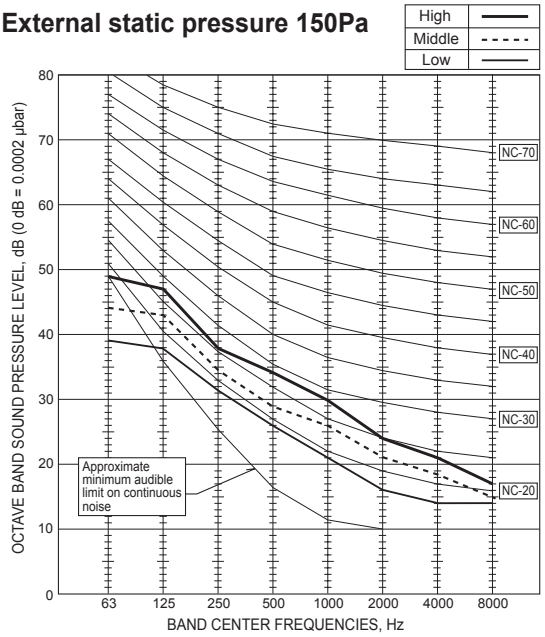
External static pressure 100Pa



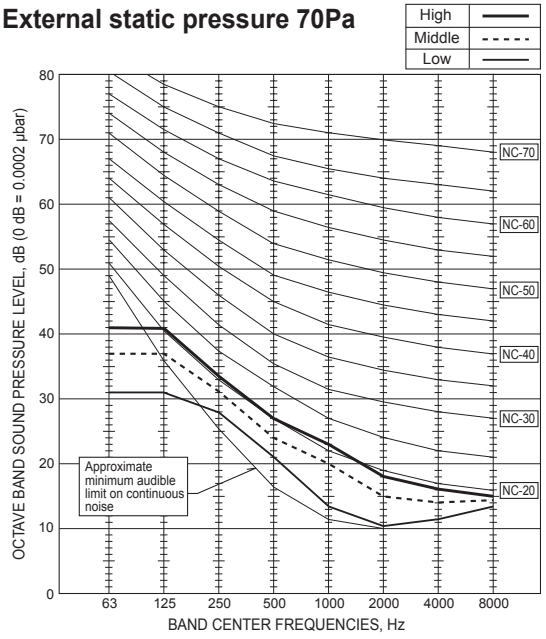
External static pressure 50Pa



External static pressure 150Pa

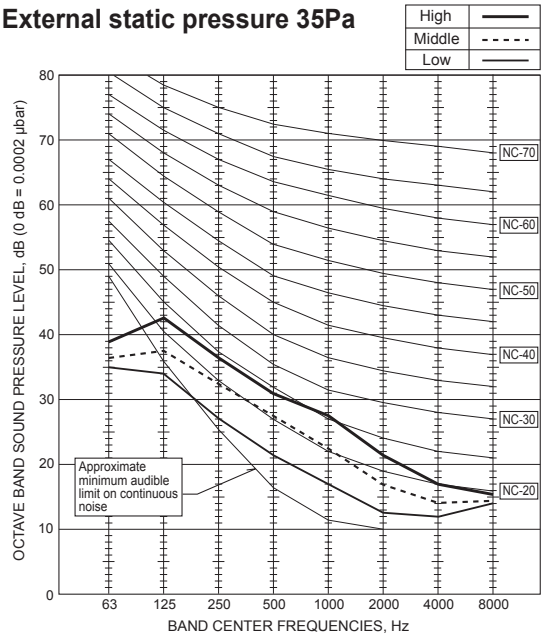


External static pressure 70Pa

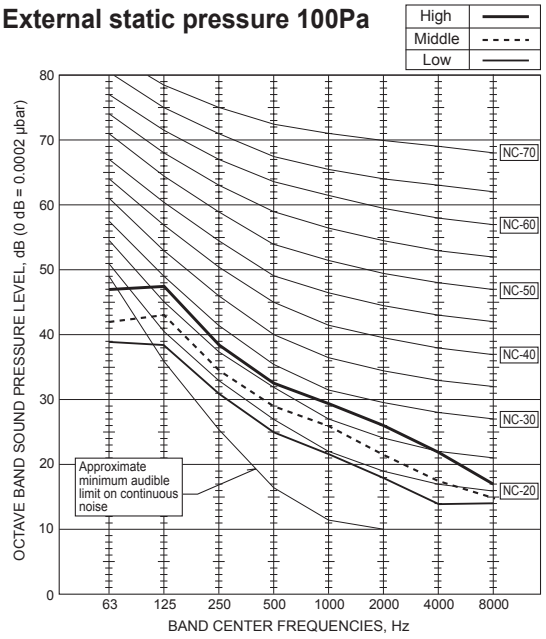


PEAD-RP50JA(L)Q

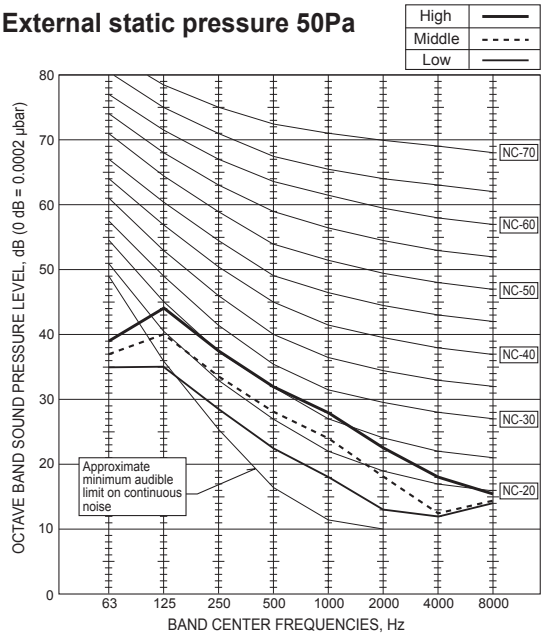
External static pressure 35Pa



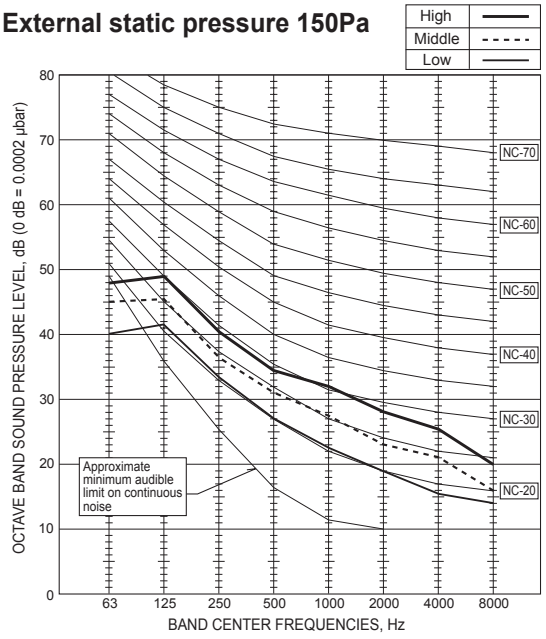
External static pressure 100Pa



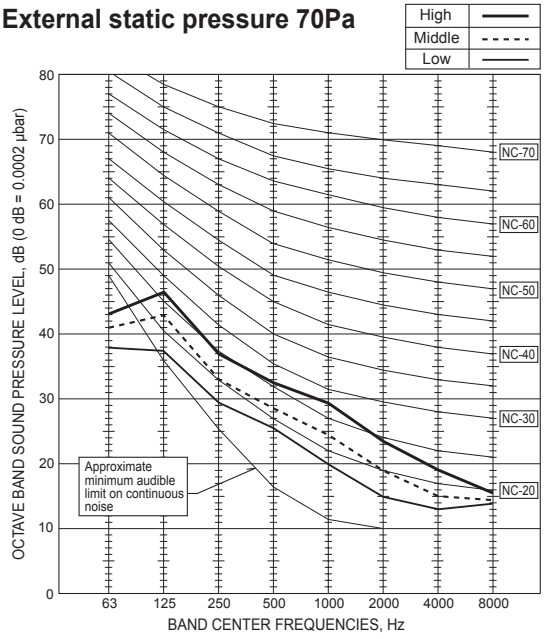
External static pressure 50Pa



External static pressure 150Pa

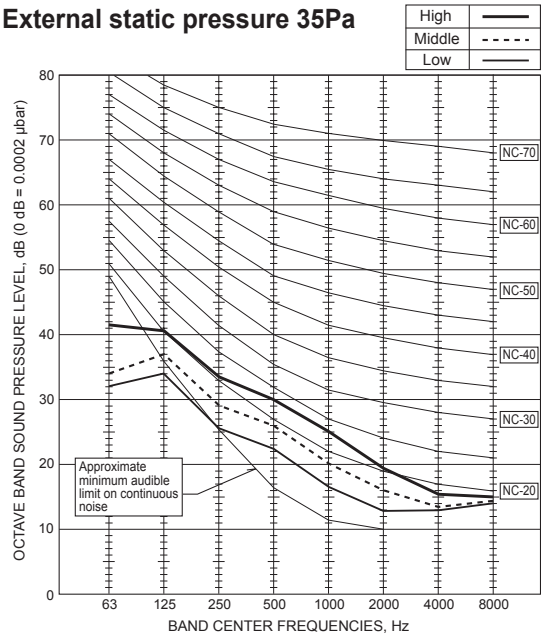


External static pressure 70Pa

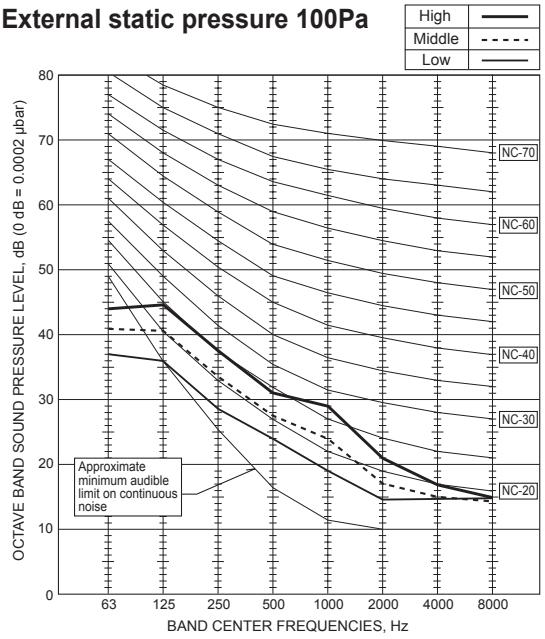


PEAD-RP60JA(L)Q

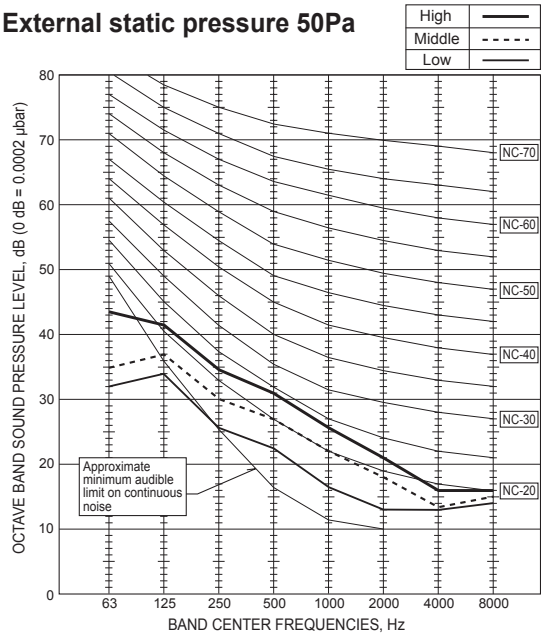
External static pressure 35Pa



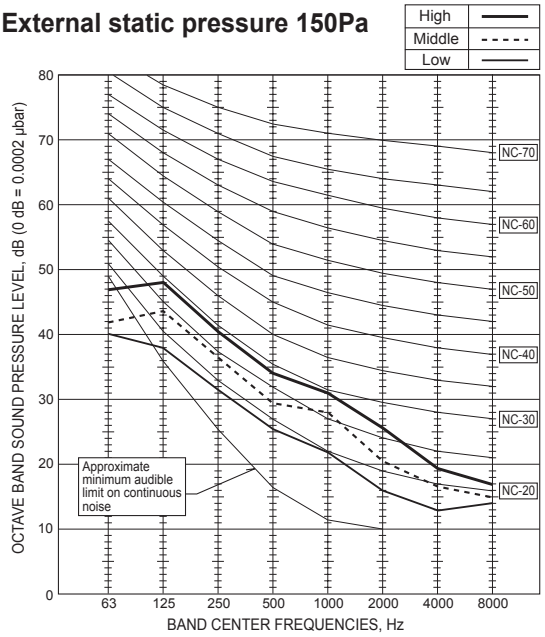
External static pressure 100Pa



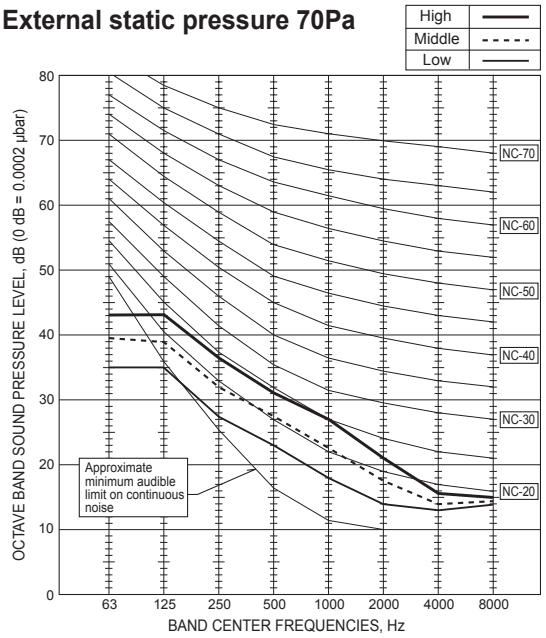
External static pressure 50Pa



External static pressure 150Pa

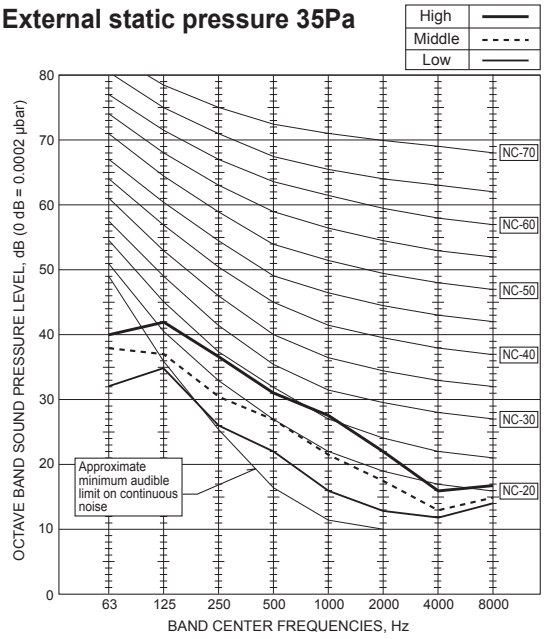


External static pressure 70Pa

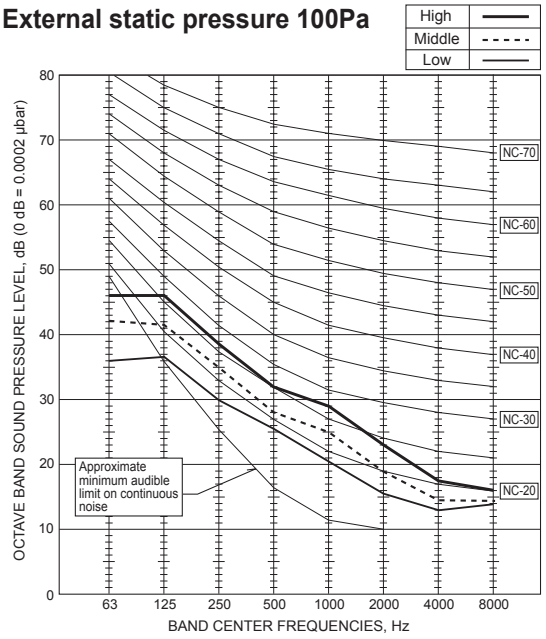


PEAD-RP71JA(L)Q PEAD-SP71JA(L)

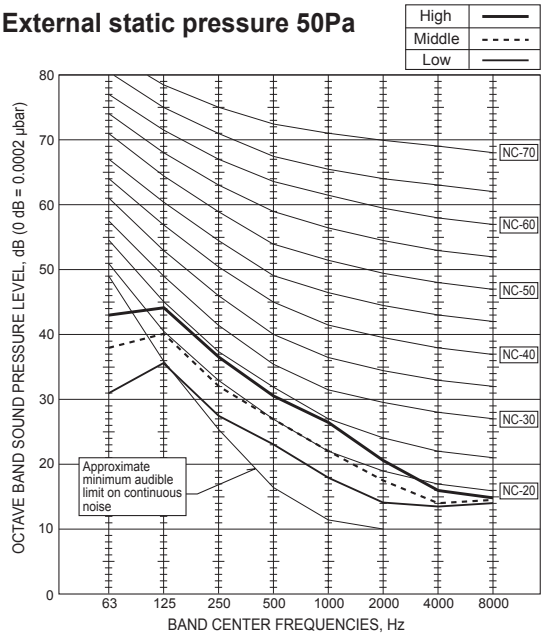
External static pressure 35Pa



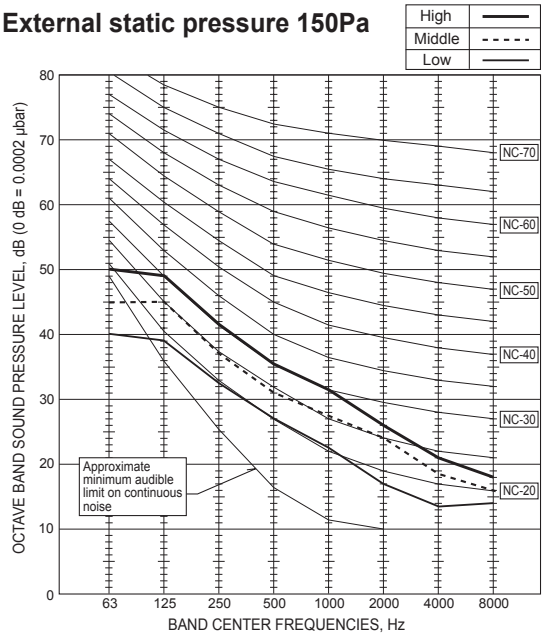
External static pressure 100Pa



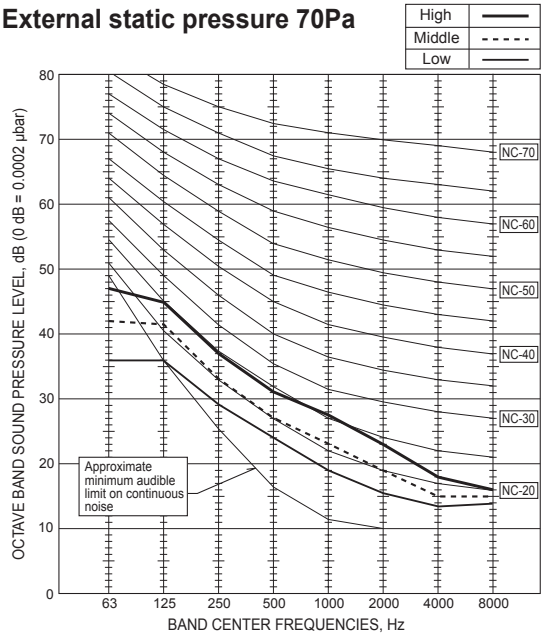
External static pressure 50Pa



External static pressure 150Pa

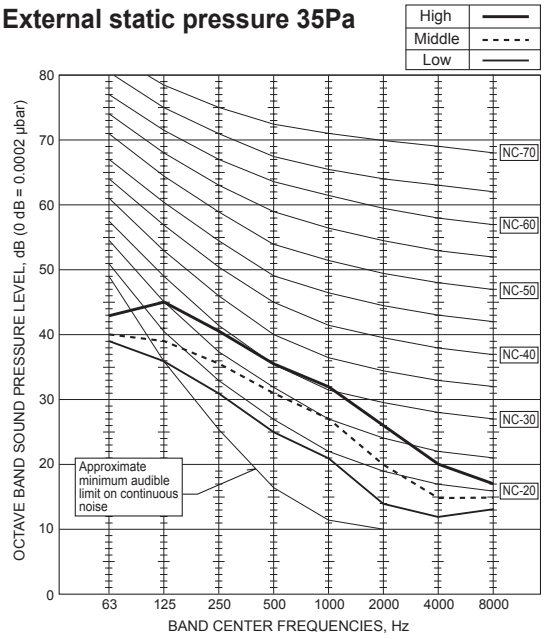


External static pressure 70Pa

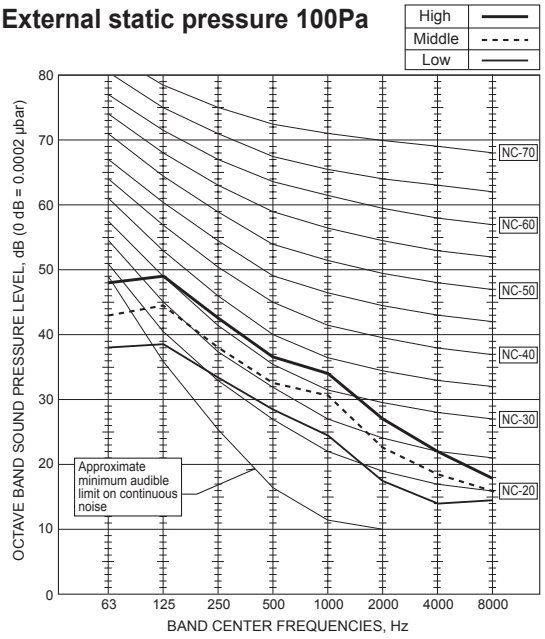


PEAD-RP100JA(L)Q PEAD-SP100JA(L)

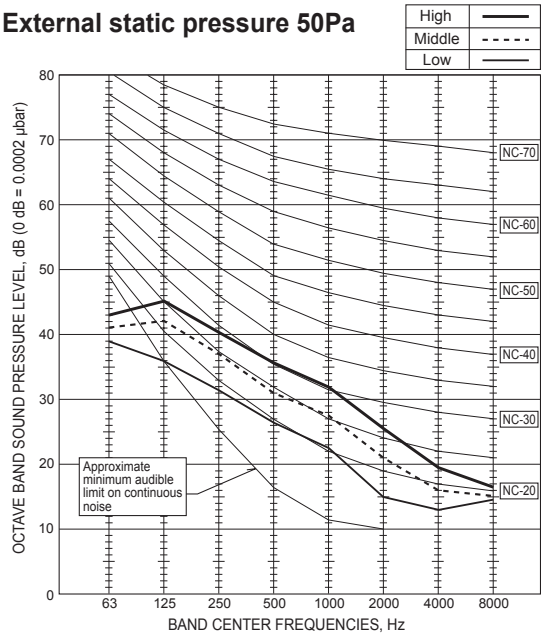
External static pressure 35Pa



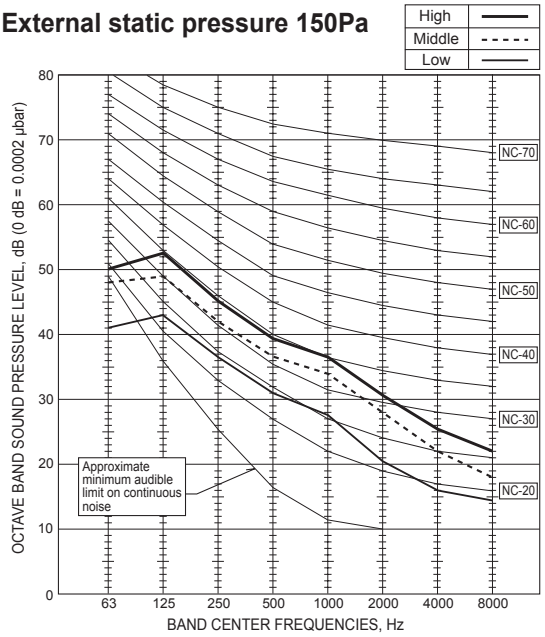
External static pressure 100Pa



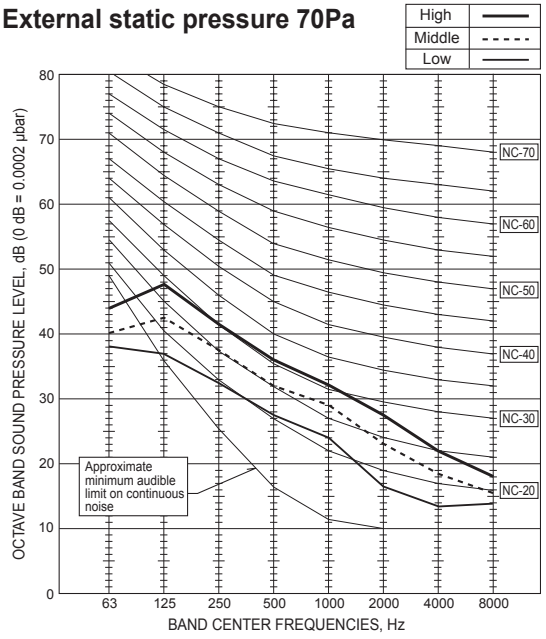
External static pressure 50Pa



External static pressure 150Pa

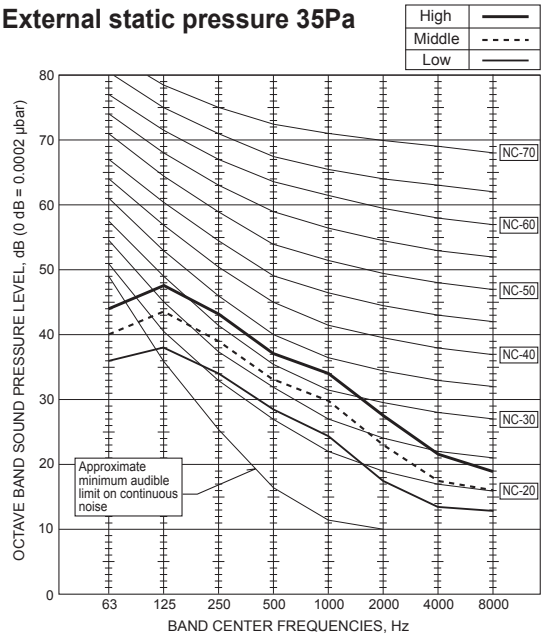


External static pressure 70Pa

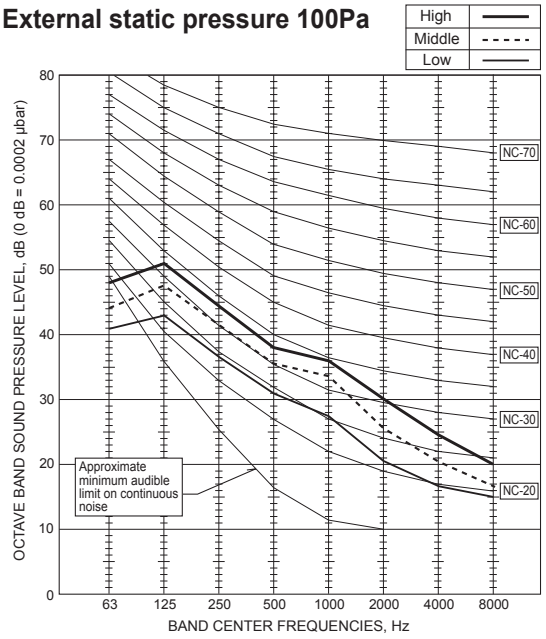


PEAD-RP125JA(L)Q PEAD-SP125JA(L)

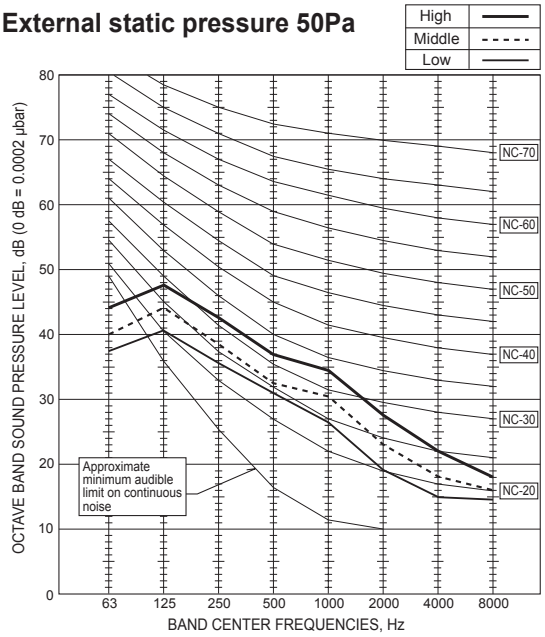
External static pressure 35Pa



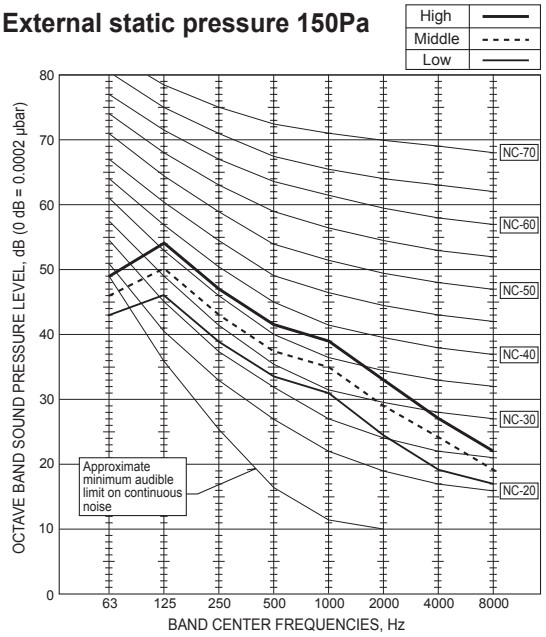
External static pressure 100Pa



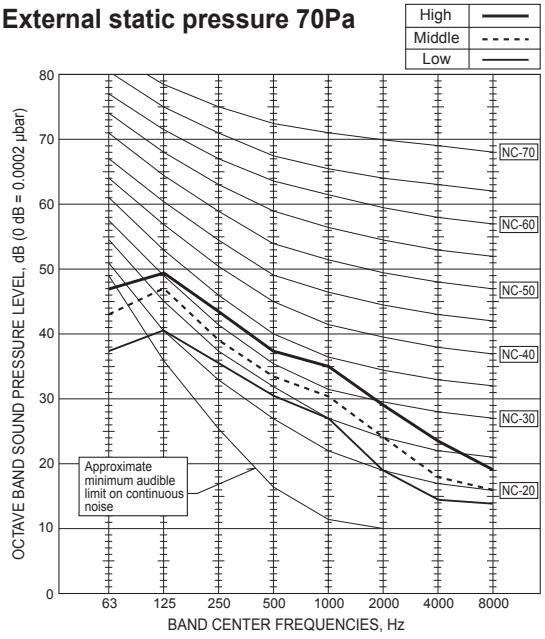
External static pressure 50Pa



External static pressure 150Pa

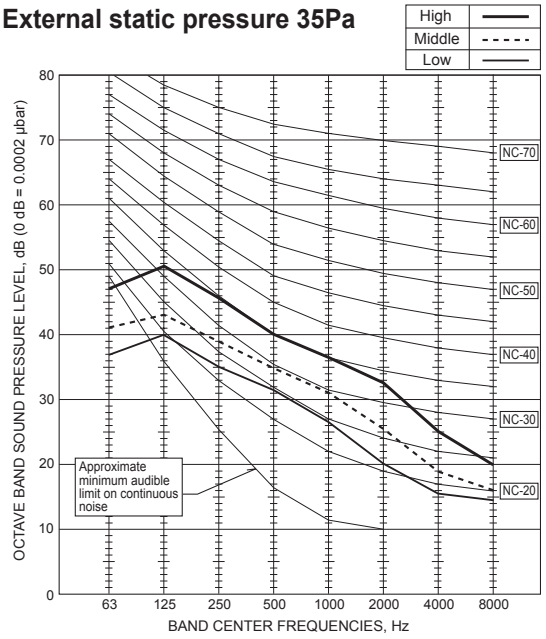


External static pressure 70Pa

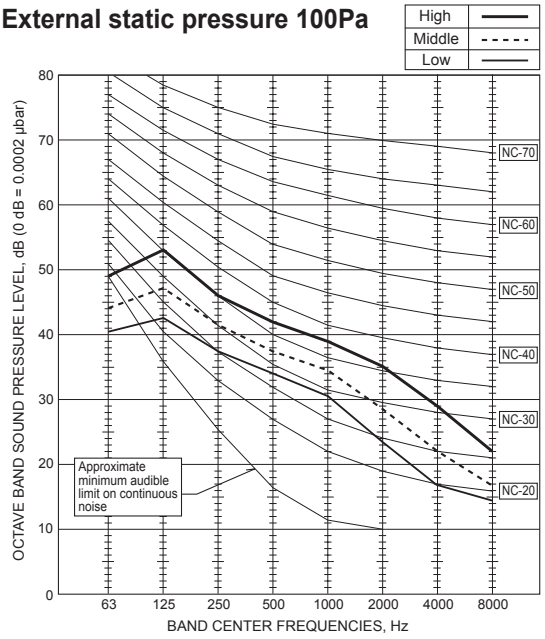


PEAD-RP140JA(L)Q PEAD-SP140JA(L)

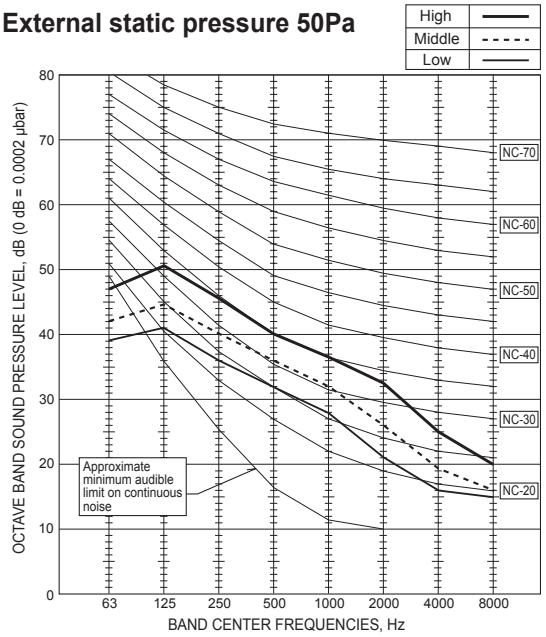
External static pressure 35Pa



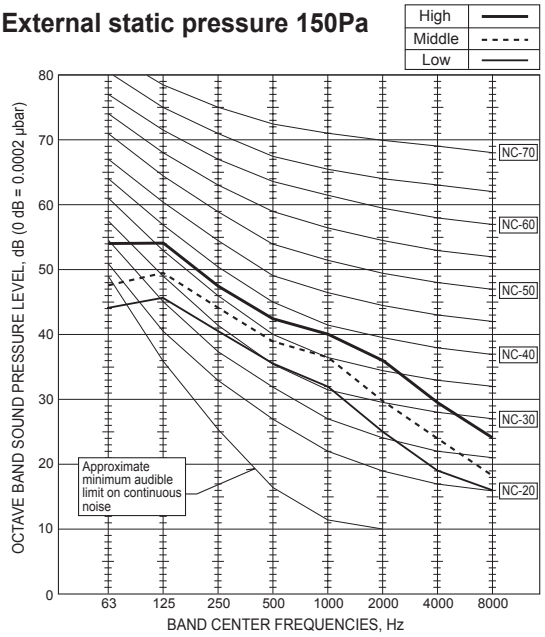
External static pressure 100Pa



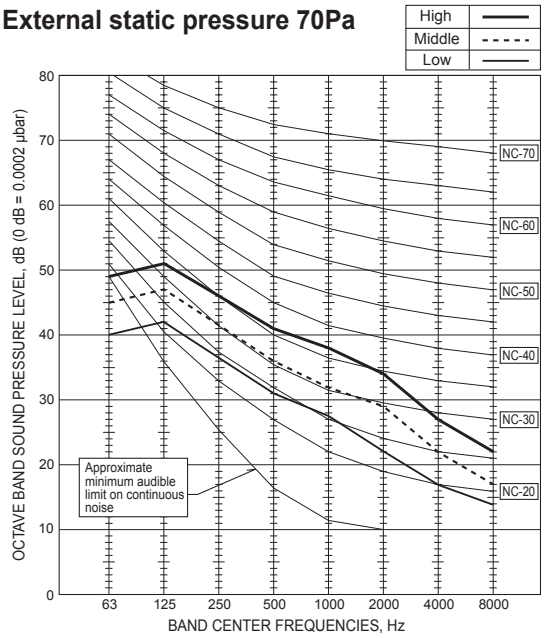
External static pressure 50Pa



External static pressure 150Pa



External static pressure 70Pa



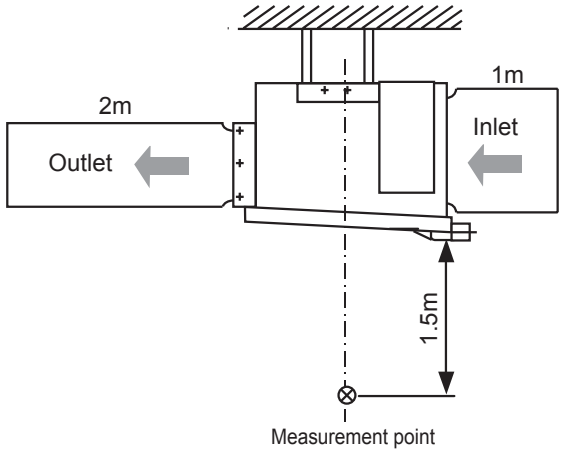
Sound Data

PEA-RP200, 250 : Upper High/Lower Low

Model	SPL dB(A)	OCTAVE BAND FREQ.Hz							
		63Hz	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz
PEA-RP200GAQ	51	55	54	51	49	47	43	33	27
	48	50	50	47	46	44	40	29	21
PEA-RP250GAQ	52	56	55	52	50	48	44	34	28
	49	51	51	48	47	45	41	30	22
PEA-RP400GAQ	52	53	51	52	50	46	44	39	30
PEA-RP500GAQ	53	55	54	51	50	48	44	40	31

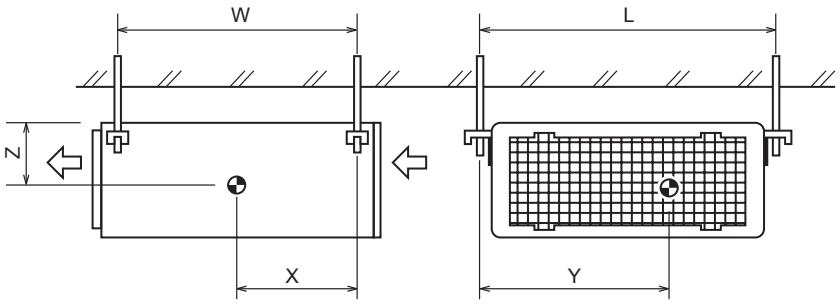
Position measurement

Indoor unit



A.6.8 CENTER OF GRAVITY POSITION

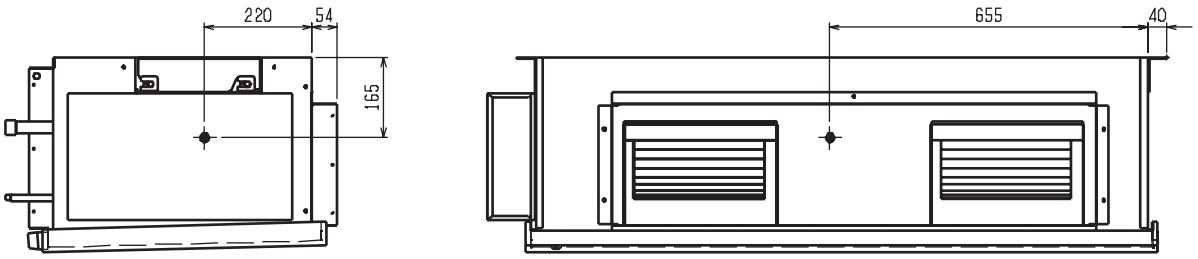
A.6.8.1 PEAD-RP•JA(L)Q
PEAD-SP•JA(L)



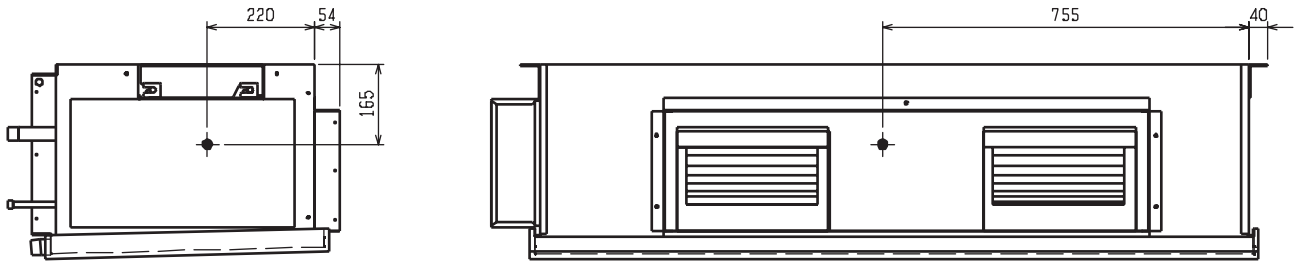
Model name	W	L	X	Y	Z
PEAD-RP35JA(L)Q	643	954	340	375	130
PEAD-RP50JA(L)Q	643	954	340	375	130
PEAD-RP60JA(L)Q	643	1154	325	525	130
PEAD-RP71JA(L)Q PEAD-SP71JA(L)	643	1154	325	525	130
PEAD-RP100JA(L)Q PEAD-SP100JA(L)	643	1454	330	675	130
PEAD-RP125JA(L)Q PEAD-SP125JA(L)	643	1454	330	675	130
PEAD-RP140JA(L)Q PEAD-SP140JA(L)	643	1654	332	725	130

A.6.8.2 PEA-RP•GAQ

PEA-RP200GA: CENTER OF GRAVITY



PEA-RP250GA: CENTER OF GRAVITY



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A.7 REMOTE CONTROLLER AND TROUBLESHOOTING

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A.7.1 WIRED REMOTE CONTROLLER [PAR-32MAA]
A.7.1.1 FUNCTIONS

○ : Supported ✕ : Unsupported

	Function	City Multi	Mr. Slim	Required password
Operation/Display	Power ON/OFF	○	○	–
	Operation mode switch	○	○	–
	Room temperature setting	○	○	–
	Auto (dual step point) mode	○	○	
	Fan speed setting	○	○	–
	Vane angle setting	○	○	–
	Louver setting	○	○	–
	Ventilation setting	○	○	–
	High power operation	✕	○	–
	Auto descending panel	○	○	–
	Backlight	○	○	–
	Contrast setting	○	○	–
	Main display mode switch	○	○	–
	Clock setting	○	○	–
	Clock display format setting	○	○	–
	Language selection (8 languages)	○	○	–
	Room temperature display	○	○	–
	Error display	○	○	–
	Filter information	○	○	–
Schedule/Timer	On/Off timer	○	○	administrator
	Auto-off timer	○	○	administrator
	Weekly timer	○	○	administrator
	Night setback	○	○	administrator
	OU silent mode	✕	○	administrator
Energy saving	Auto return	○	○	administrator
	Schedule	✕	○	administrator
Restriction	Operation lock	○	○	administrator
	Temperature range restriction	○	○	administrator
	Password (Administrator and Maintenance)	○	○	administrator maintenance
Others	Manual vane angle	○	○	–
	3D i-see Sensor	○	○	–
	Test run	○	○	maintenance
	Model information input	○	○	maintenance
	Dealer information input	○	○	maintenance
	Function setting	○	○	maintenance
	Smooth maintenance	✕	○	maintenance
	Refrigerant volume cheak	✕	○	maintenance
	Refrigerant leak check	✕	○	maintenance

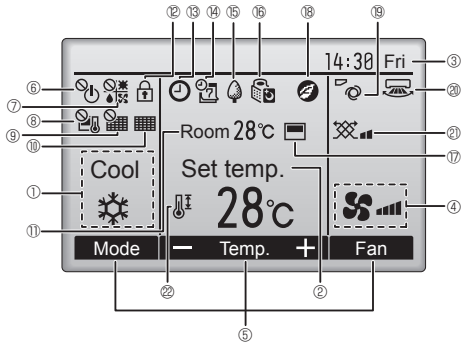
* The supported functions vary depending on the unit model.

A.7.1.2 APPEARANCE

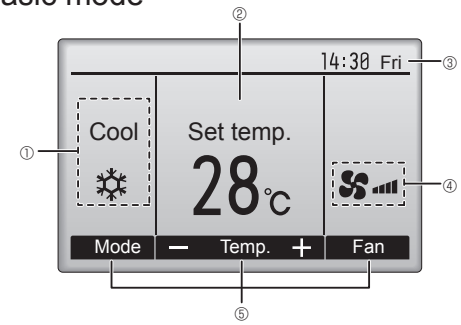
Display

The main display can be displayed in two different modes: "Full" and "Basic."
The factory setting is "Full."

Full mode



Basic mode



* All icons are displayed for explanation.

① Operation mode
Indoor unit operation mode appears here.

② Preset temperature
Preset temperature appears here.

③ Clock (See the Installation Manual.)
Current time appears here.

④ Fan speed
Fan speed setting appears here.

⑤ Button function guide
Functions of the corresponding buttons appear here.

⑥
Appears when the ON/OFF operation is centrally controlled.

⑦
Appears when the operation mode is centrally controlled.

⑧
Appears when the preset temperature is centrally controlled.

⑨
Appears when the filter reset function is centrally controlled.

⑩
Indicates when filter needs maintenance.

⑪ Room temperature (See the Installation Manual.)
Current room temperature appears here.

⑫
Appears when the buttons are locked.

⑬
Appears when the On/Off timer, Night setback, or Auto-off timer function is enabled.
appears when the timer is disabled by the centralized control system.

⑭
Appears when the Weekly timer is enabled.

⑮
Appears while the units are operated in the energy-save mode. (Will not appear on some models of indoor units)

⑯
Appears while the outdoor units are operated in the silent mode.

⑰
Appears when the built-in thermistor on the remote controller is activated to monitor the room temperature (⑪).
appears when the thermistor on the indoor unit is activated to monitor the room temperature.

⑱
Appears when the units are operated in the energy-save mode with 3D i-see Sensor.

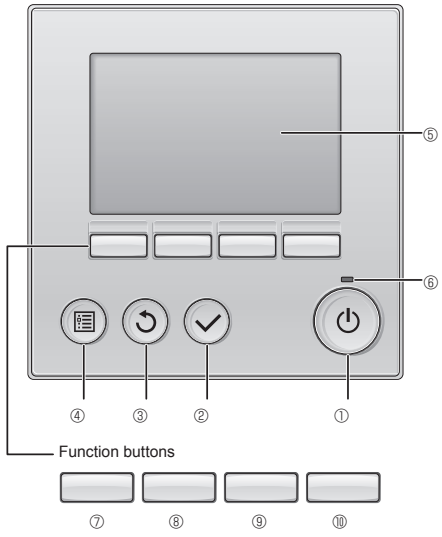
⑲
Indicates the vane setting.

⑳
Indicates the louver setting.

㉑
Indicates the ventilation setting.

㉒
Appears when the preset temperature range is restricted.

Controller interface



- When the backlight is off, pressing any button turns the backlight on and does not perform its function. (except for the ON/OFF button)
- Most settings (except ON/OFF, mode, fan speed, temperature) can be made from the Menu screen.

① ON/OFF button
Press to turn ON/OFF the indoor unit.

② SELECT button
Press to save the setting.

③ RETURN button
Press to return to the previous screen.

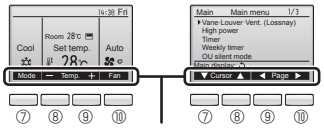
④ MENU button
Press to bring up the Main menu.

⑤ Backlit LCD
Operation settings will appear.
When the backlight is off, pressing any button turns the backlight on and it will stay lit for a certain period of time depending on the screen.

⑥ ON/OFF lamp
This lamp lights up in green while the unit is in operation. It blinks while the remote controller is starting up or when there is an error.

The functions of the function buttons change depending on the screen. Refer to the button function guide that appears at the bottom of the LCD for the functions they serve on a given screen.
When the system is centrally controlled, the button function guide that corresponds to the locked button will not appear.

Main display **Main menu**



Function guide

⑦ Function button F1
Main display: Press to change the operation mode.
Main menu: Press to move the cursor down.

⑧ Function button F2
Main display: Press to decrease temperature.
Main menu: Press to move the cursor up.

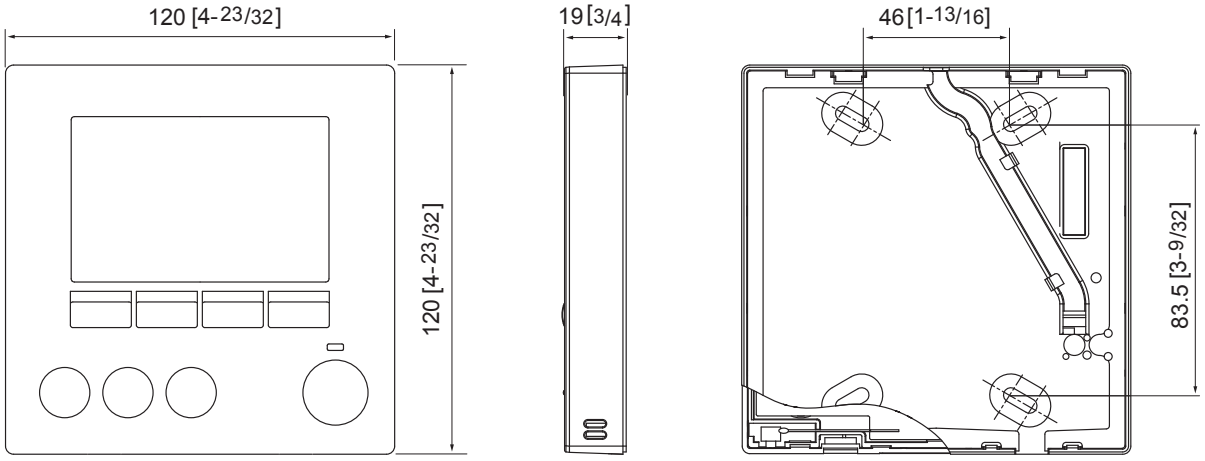
⑨ Function button F3
Main display: Press to increase temperature.
Main menu: Press to go to the previous page.

⑩ Function button F4
Main display: Press to change the fan speed.
Main menu: Press to go to the next page.

A.7.1.3 OUTLINES AND DIMENSIONS

unit : mm [in.]

[PAR-32MAA]



(Front view) (Side view) (Rear view)

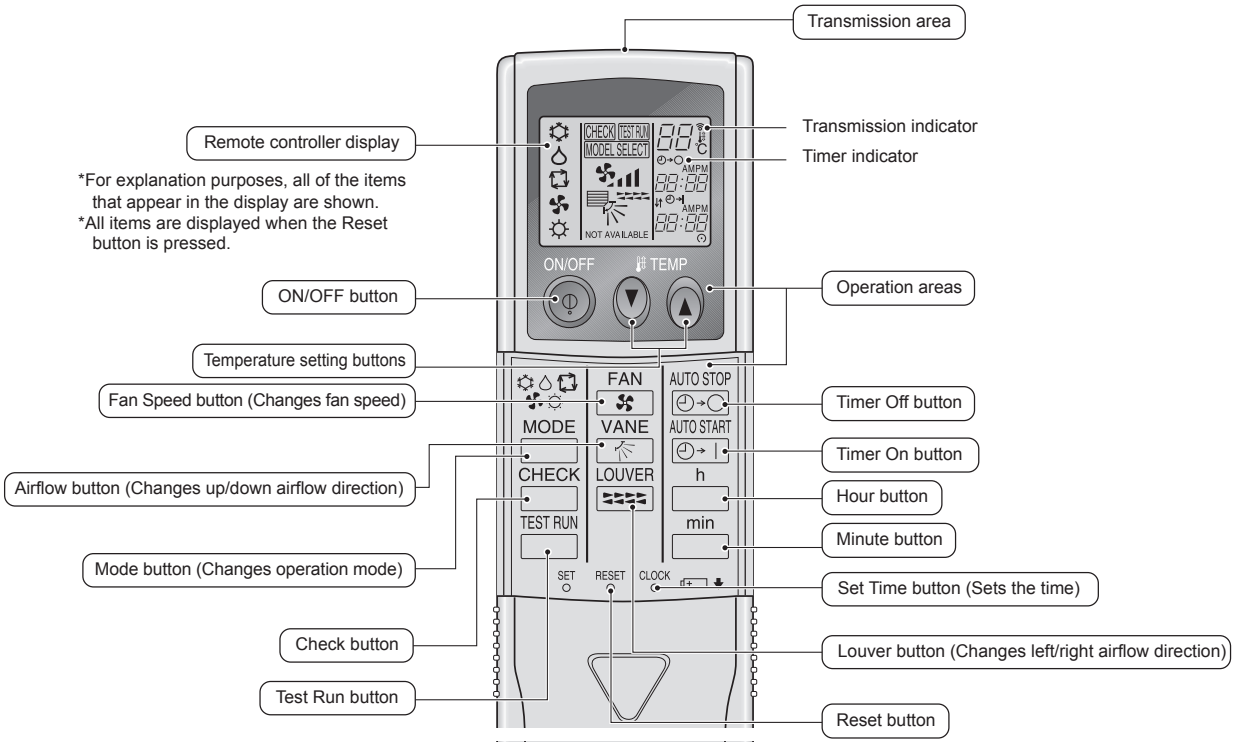
<Specifications>

Product size	120(W) × 120(H) × 19(D)mm (4 3/4 × 4 3/4 × 3/4 [in] (not including the protruding part)	
Net weight	0.25kg (9/16lb.)	
Rated power supply voltage	12V DC (supplied from indoor units)	
Power consumption	0.3W	
Usage environment	Temperature	0 - 40°C (32 - 104°F)
	Humidity	30 - 90%RH (with no dew condensation)
Material	Panel	PMMA
	Main body	PC + ABS

A.7.2 WIRELESS REMOTE CONTROLLER

A.7.2.1 [PAR-FL32MA] APPEARANCE

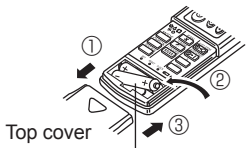
When cover is open



- When using the wireless remote controller, point it towards the receiver on the indoor unit.
- If the remote controller is operated within approximately two minutes after power is supplied to the indoor unit, the indoor unit may beep twice as the unit is performing the initial automatic check.
- The indoor unit beeps to confirm that the signal transmitted from the remote controller has been received. Signals can be received up to approximately 7 meters in a direct line from the indoor unit in an area 45 to the left and right of the unit. However, illumination such as fluorescent lights and strong light can affect the ability of the indoor unit to receive signals.
- If the operation lamp near the receiver on the indoor unit is flashing, the unit needs to be inspected. Consult your dealer for service.
- Handle the remote controller carefully! Do not drop the remote controller or subject it to strong shocks. In addition, do not get the remote controller wet or leave it in a location with high humidity.
- To avoid misplacing the remote controller, install the holder included with the remote controller on a wall and be sure to always place the remote controller in the holder after use.

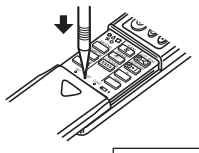
Battery installation/replacement

1.Remove the top cover, insert two AAA batteries, and then install the top cover.



Two AAA batteries
Insert the negative (–) end of each battery first. Install the batteries in the correct directions (+, –)!

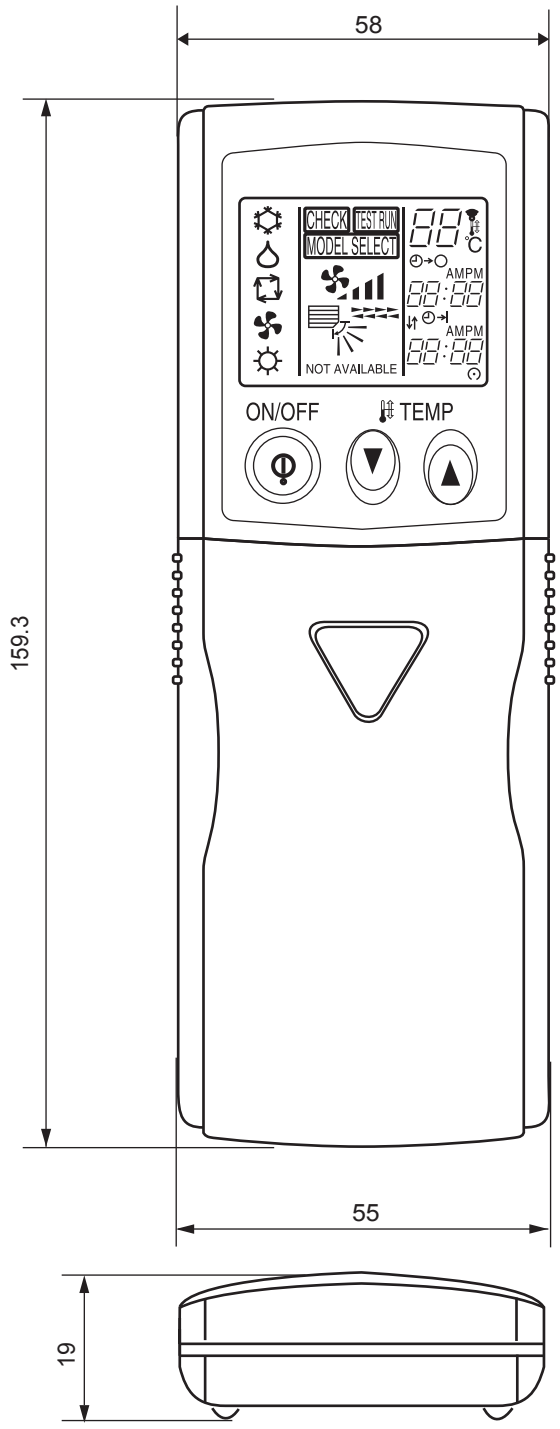
2.Press the Reset button.



Press the Reset button with an object that has a narrow end.

OUTLINES AND DIMENSIONS

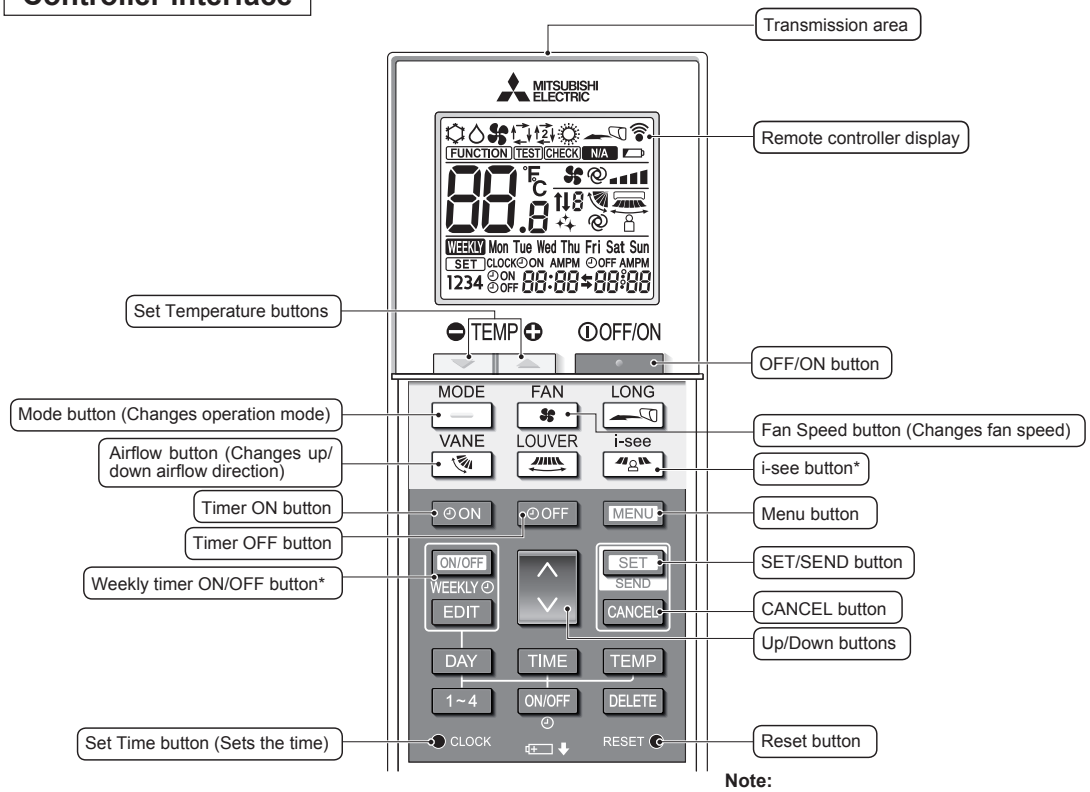
unit : mm



A.7.2.2 [PAR-SL100A-E] APPEARANCE

When cover is open

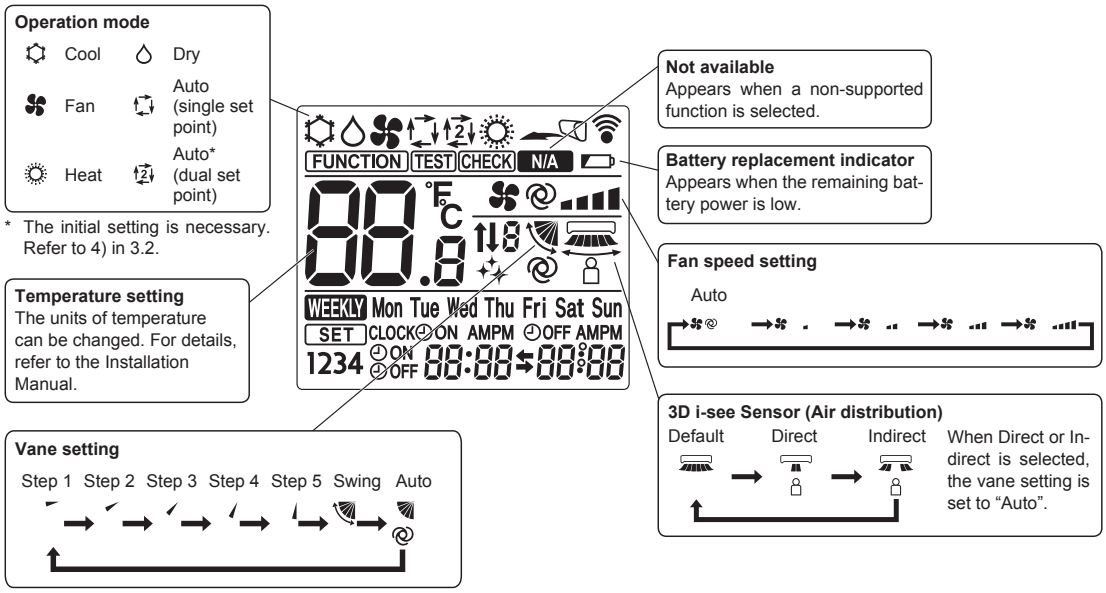
Controller interface



Note:

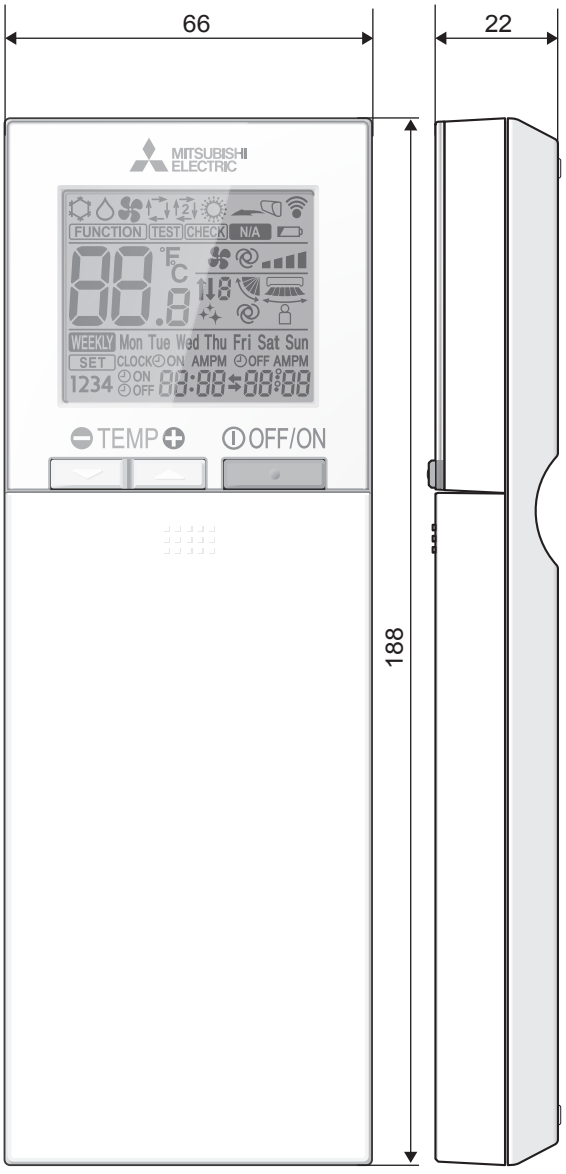
* **This button is enabled or disabled depending on the model of the indoor unit.**

Display



OUTLINES AND DIMENSIONS

unit : mm



A.7.3 SIMPLE MA REMOTE CONTROLLER [PAC-YT52CRA]
A.7.3.1 FUNCTION

1. Operations/Display

Item	Setting	Display	Description
ON/OFF	✓	✓	Changes between ON and OFF.
Operation mode switching *1	✓	✓	Select from COOL, DRYING, FAN, AUTO, and HEAT.
Room temp. Setting *1	✓	✓	Sets a room temperature. * The preset temperature range varies depending on the indoor unit model to be connected. (The ranges for a standard model are as follows.) • COOL/DRY: 19ºC - 30ºC/67ºF - 87ºF • HEAT: 17ºC - 28ºC/63ºF - 83ºF • AUTO: 19ºC - 28ºC/67ºF - 83ºF
Fan speed setting	✓	✓	Changes the fan speed. * The settable fan speed varies depending on the indoor unit model to be connected.
Vane setting	✓	✓	Switches the vane directions. * The settable vane direction varies depending on the indoor unit model to be connected.
Ventilation equipment control	✓	✓	When the CITY MULTI indoor unit is connected, interlocked setting of the CITY MULTI LOSSNAY unit is possible. When the Mr. SLIM indoor unit (A-control) is connected, interlocked operation of the microcomputer-type LOSSNAY unit is possible.
Backlight	✓	✓	Pressing the button lights up a backlight. The light automatically turns off after a certain period of time. (The brightness settings can be selected from Bright, Dark, and Light off.)
Error information	—	✓	Displays the current error status with the address. * The address may not be displayed depending on the error status.

*1 AUTO mode is settable only when those functions are available on the indoor unit.

2. Restriction settings

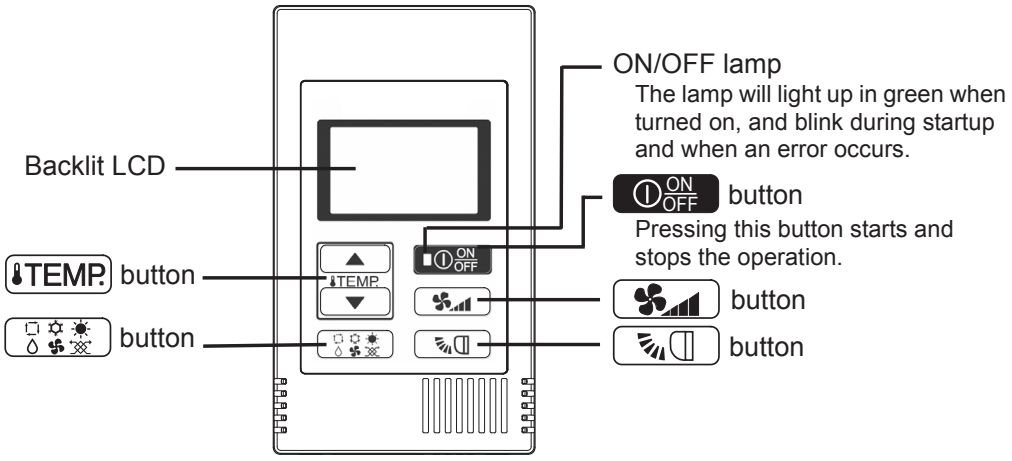
Item	Setting	Display	Description
Allows/disallows local operation	—	✓	By setting a centralized controller, the following local operations are prohibited: ON/OFF; operation mode; preset temperature; * The CENTRAL icon appears while the local operations are prohibited.
Operation lock	✓	✓	Locks all buttons.
Temperature range restriction	✓	✓	The preset temperature range can be restricted for each operation mode (COOL/HEAT/AUTO).

3. Miscellaneous

Item	Description
Room temperature detection	The temperature sensor is built-in on the remote controller.
Various settings	The following settings can be made by setting the dip switches. • Remote controller Main/Sub setting • Temperature display unit setting (Celsius/Fahrenheit) • Cooling/heating display in AUTO mode • Indoor temperature display

A.7.3.2 APPEARANCE

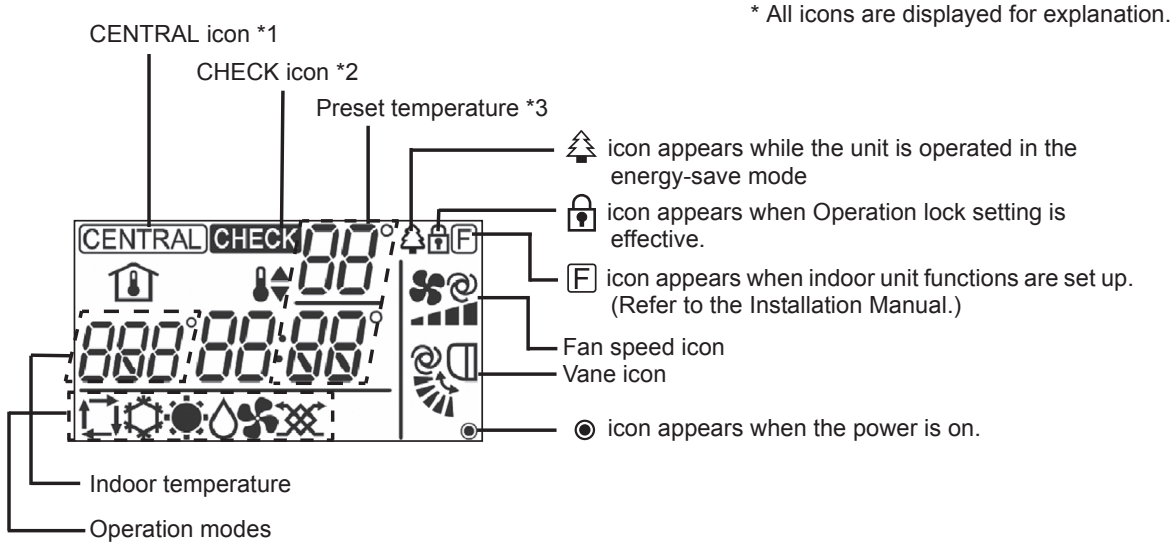
Controller interface



* To set the functions that are not available on this controller (PAC-YT52CRA) such as Louver, use MA remote controller or the centralized controller.

Display

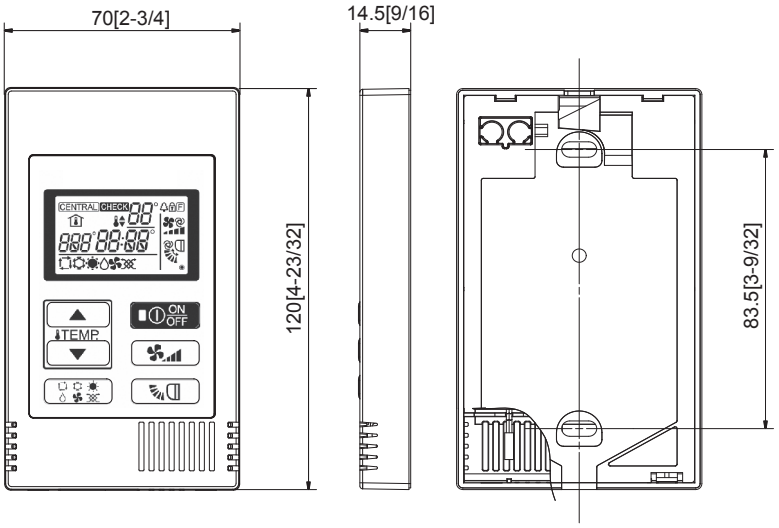
* All icons are displayed for explanation.



A.7.3.3 OUTLINES AND DIMENSIONS

[PAC-YT52CRA]

Unit:mm[in.]



Controller specifications

	Specifications
Product size	70 (W) × 120 (H) × 14.5 (D) mm (2-3/4 × 4-3/4 × 9/16 [in]) (not including the protruding part)
Net weight	0.1 kg (1/4 lb.)
Rated power supply voltage	12 VDC (supplied from indoor units)
Power consumption	0.3 W
Usage environment	Temperature 0 ~ 40ºC (32 ~ 104ºF) Humidity 30 ~ 90%RH (with no dew condensation)
Material	PC + ABS

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A.8 OUTDOOR UNIT (PUHZ)

A.8.1 OUTLINES AND DIMENSIONS A-294
A.8.1.1 INVERTER MODELS Heat pump type A-294
A.8.2 WIRING DIAGRAM A-307
A.8.2.1 INVERTER MODELS Heat pump type A-307
A.8.3 REFRIGERANT SYSTEM DIAGRAM A-326
A.8.3.1 INVERTER MODELS Heat pump type A-326
A.8.4 PERFORMANCE CURVES A-336
A.8.4.1 INVERTER MODELS Heat pump type [Without the optional Air protect guide] A-336
A.8.4.2 INSTALLING AN AIR PROTECT GUIDE A-342
A.8.4.3 CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH A-343
A.8.5 NOISE CRITERIA CURVES A-347
A.8.5.1 INVERTER MODELS Heat pump type A-347
A.8.6 EARTHQUAKE-PROOF STRENGTH ANALYSIS A-353

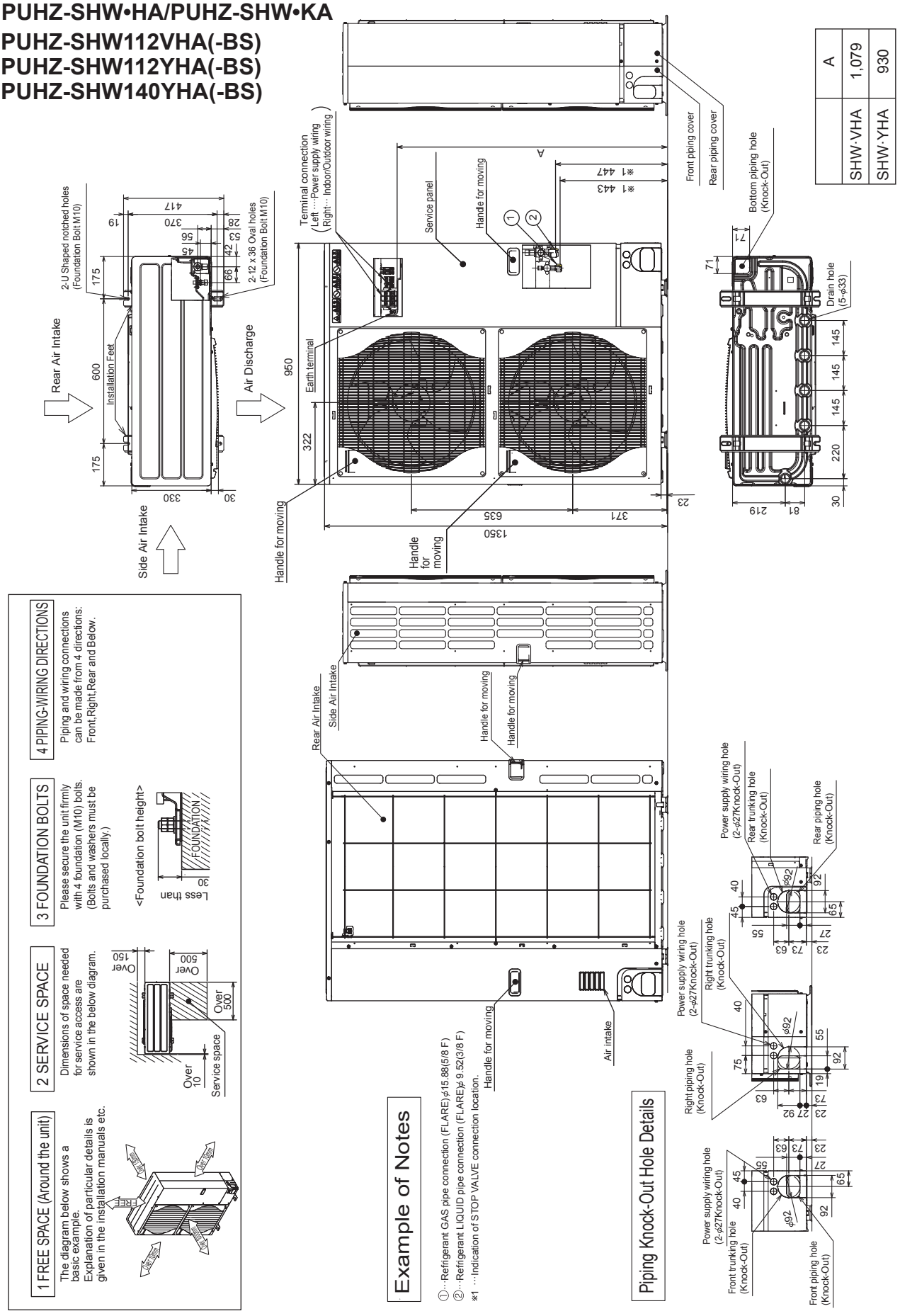
A.8.1 OUTLINES AND DIMENSIONS

A.8.1.1 INVERTER MODELS Heat pump type

Unit : mm

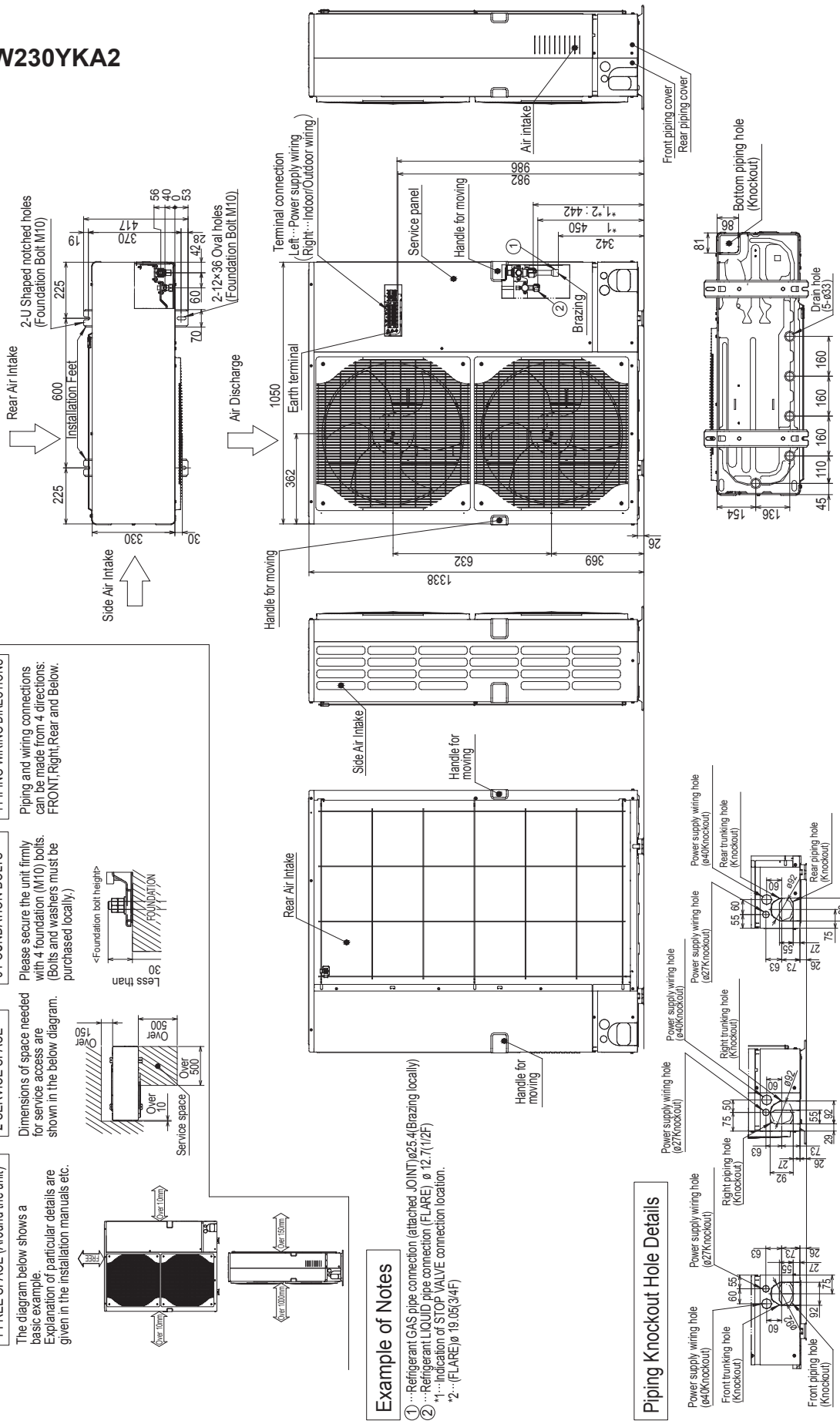
1. PUHZ-SHW•HA/PUHZ-SHW•KA

PUHZ-SHW112VHA(-BS)
PUHZ-SHW112YHA(-BS)
PUHZ-SHW140YHA(-BS)



Unit : mm

PUHZ-SHW230YKA2



1 FREE SPACE (Around the unit)

The diagram below shows a basic example.
Explanation of particular details are given in the installation manuals etc.

2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.

3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)

4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: FRONT,Right,Rear and Below.

Example of Notes

① ···Refrigerant GAS pipe connection (attached JOINT)ø25.4(Brazing locally)
② ···Refrigerant LIQUID pipe connection (FLARE) ø 12.7(1/2F)
*1··· Indication of STOP VALVE connection location.
*2··· (FLARE)ø 19.05(3/4F)

2. PUHZ-ZRP•KA(2)/HA
PUHZ-ZRP35VKA
PUHZ-ZRP50VKA

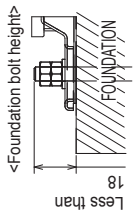
Unit : mm

PIPING-WIRING DIRECTION

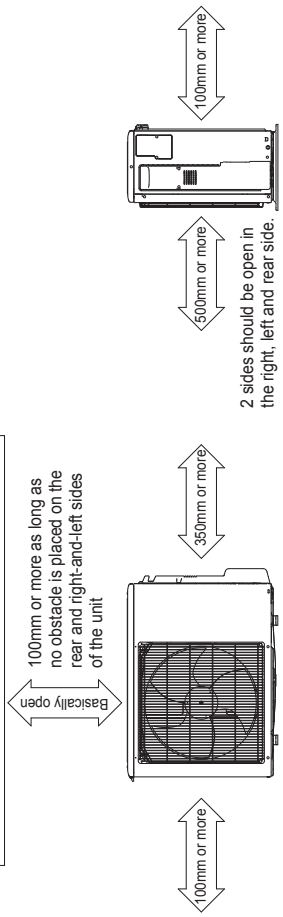
Piping and wiring connection can be made from the rear direction only.

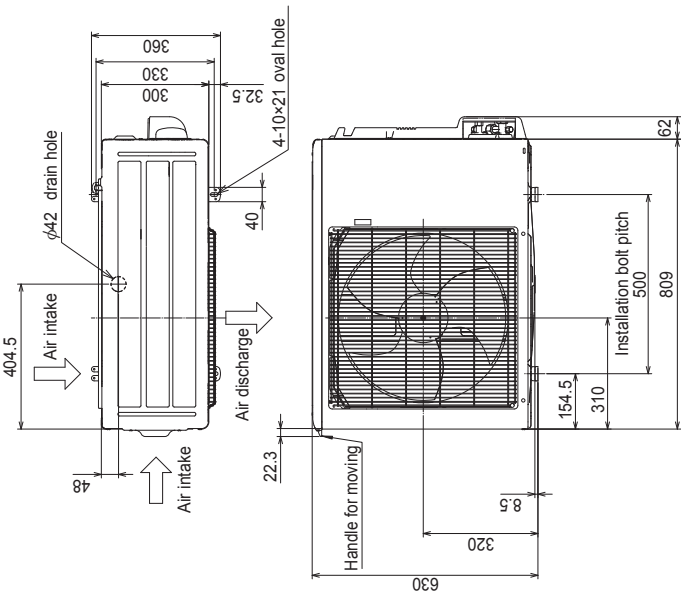
FOUNDATION BOLTS

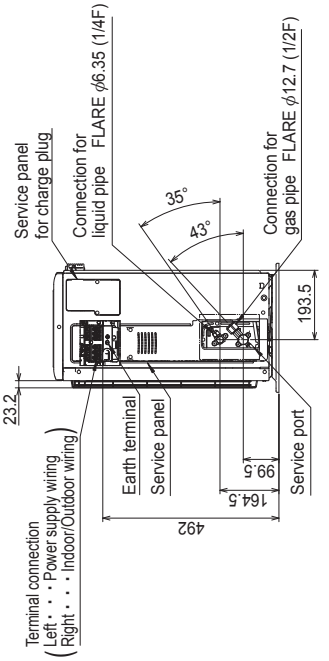
Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts, washers and nut must be purchased locally).



Free space around the outdoor unit (basic example)



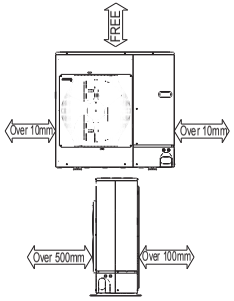




PUHZ-ZRP60VHA
PUHZ-ZRP71VHA

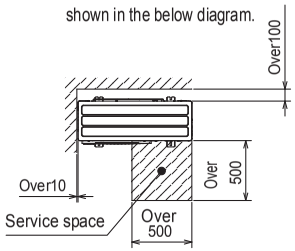
1 FREE SPACE (Around the unit)

The diagram below shows a basic example.
Explanation of particular details are given in the installation manuals etc.



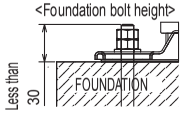
2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.



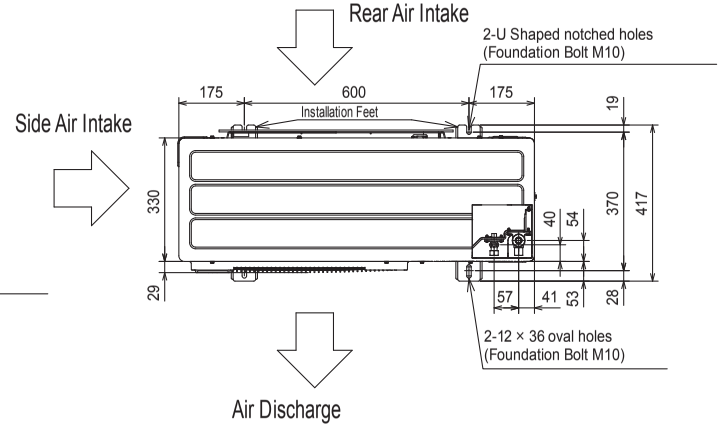
3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)



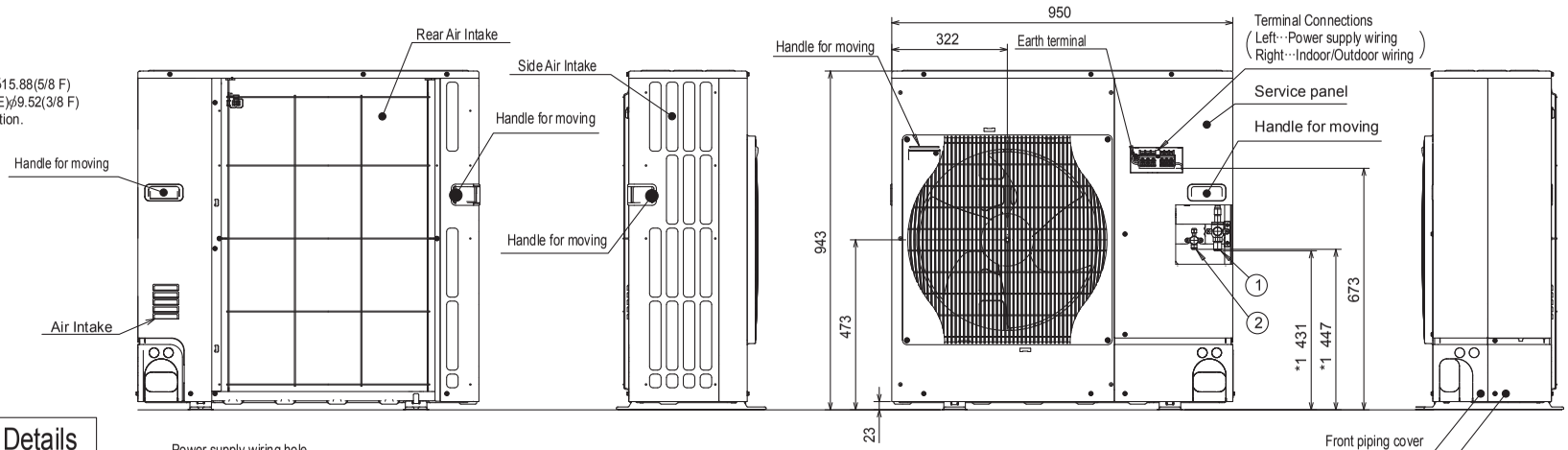
4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: Front, Right, Rear and Below.

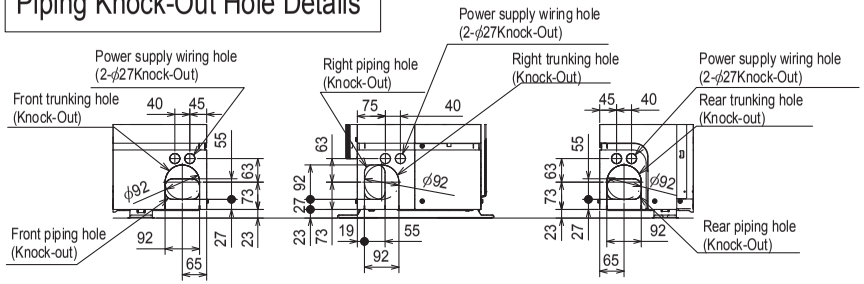


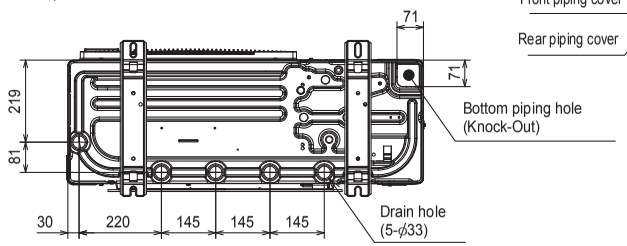
Example of Notes

① Refrigerant GAS pipe connection (FLARE)ϕ15.88(5/8 F)
② Refrigerant LIQUID pipe connection (FLARE)ϕ9.52(3/8 F)
*1...Indication of STOP VALVE connection location.



Piping Knock-Out Hole Details

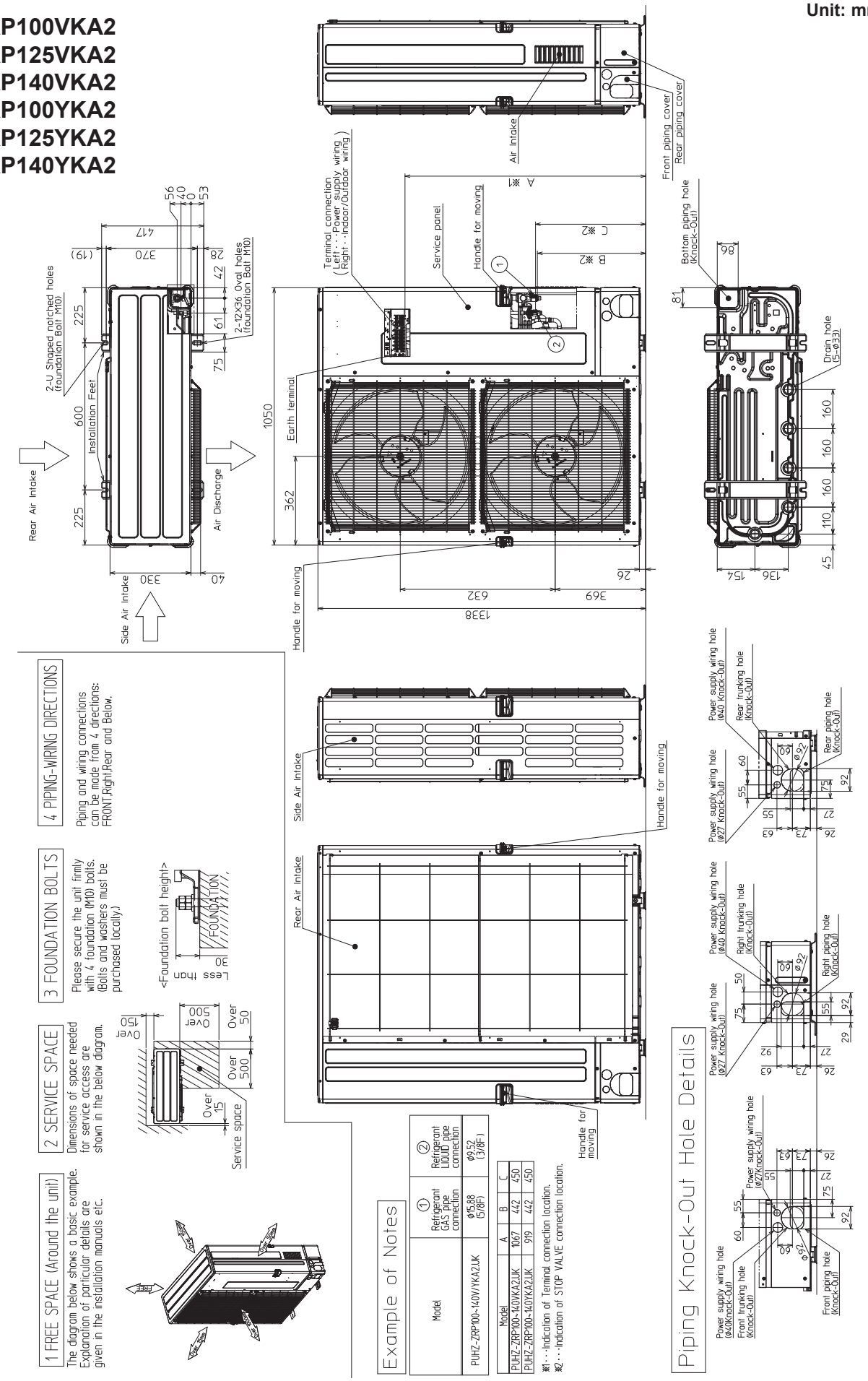




Unit : mm

Unit: mm

PUHZ-ZRP100VKA2
PUHZ-ZRP125VKA2
PUHZ-ZRP140VKA2
PUHZ-ZRP100YKA2
PUHZ-ZRP125YKA2
PUHZ-ZRP140YKA2

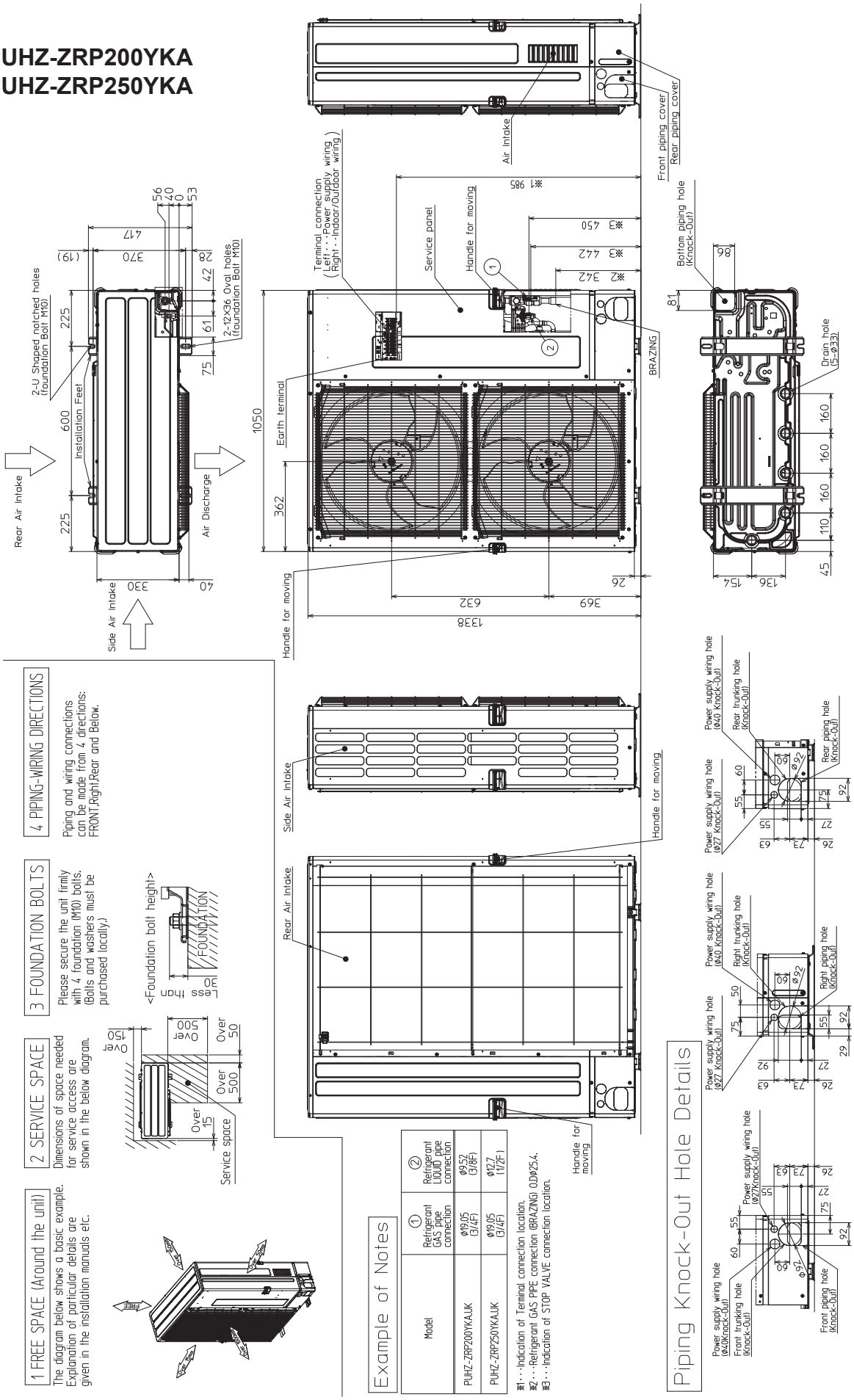


Model	① Refrigerant GAS pipe connection	② Refrigerant LIQUID pipe connection
PUHZ-ZRP100-140VKA2.UK	ø15.88 (5/8F)	ø9.52 (3/8F)
PUHZ-ZRP100-140VYKA2.UK		

Model	A	B	C
PUHZ-ZRP100~140VKA2.UK	1067	442	450
PUHZ-ZRP100~140YKA2.UK	919	442	450

Unit: mm

PUHZ-ZRP200YKA
PUHZ-ZRP250YKA



1 FREE SPACE (Around the unit)

The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.

3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)

4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: FRONT,Right,Rear and Below.

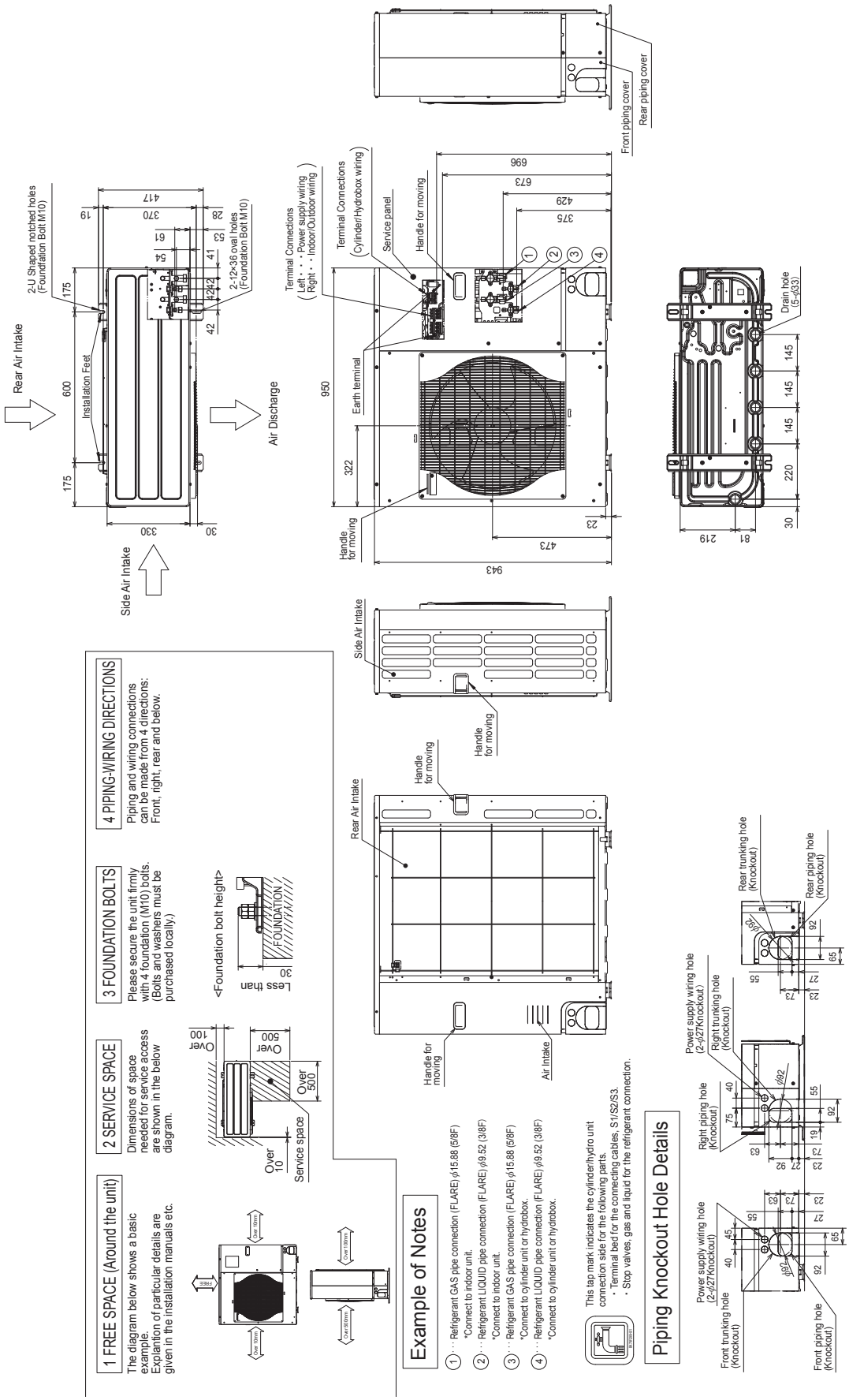
Example of Notes

Model	① Refrigerant GAS pipe connection	② Refrigerant LIQUID pipe connection
PUHZ-ZRP200YKA.UK	φ19.05 (3/4F)	φ9.52 (3/8F)
PUHZ-ZRP250YKA.UK	φ19.05 (3/4F)	φ12.7 (1/2F)

※1···Indication of Terminal connection location.
※2···Refrigerant GAS PIPE connection (BRAZING) O.D.φ25.4.
※3···Indication of STOP VALVE connection location.

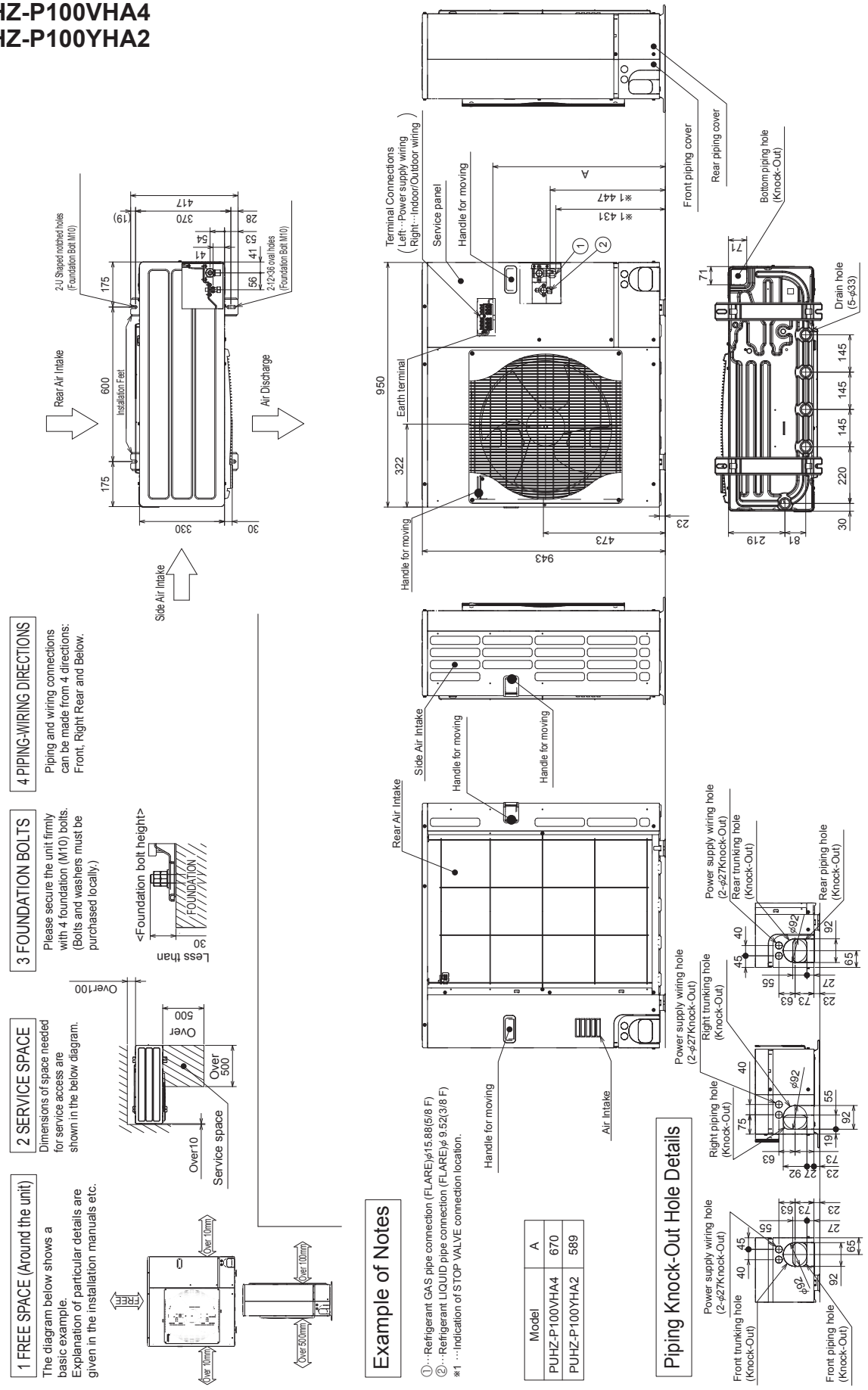
3. PUHZ-FRP71VHA

Unit : mm



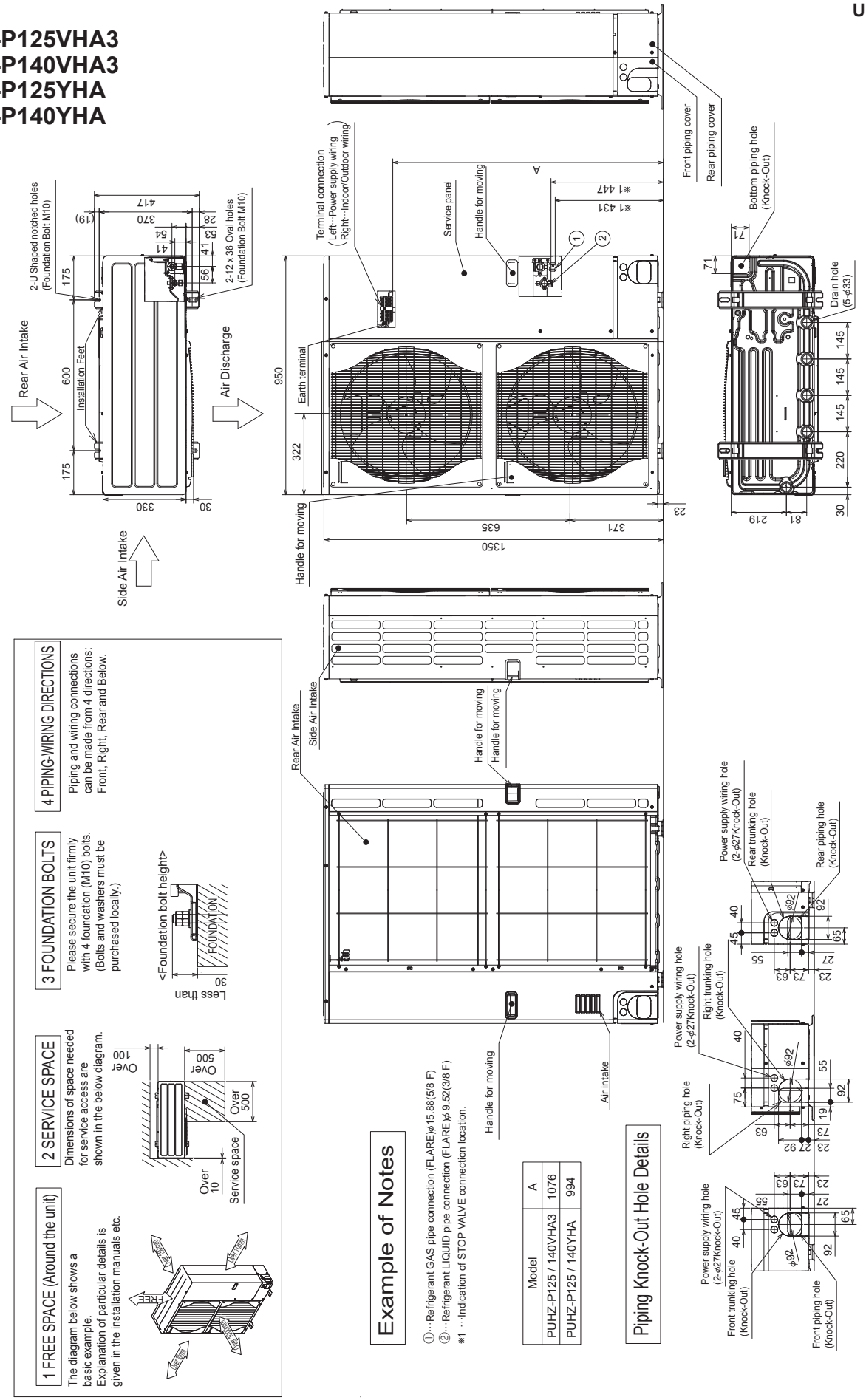
4. PUHZ-P•HA/KA
PUHZ-P100VHA4
PUHZ-P100YHA2

Unit : mm



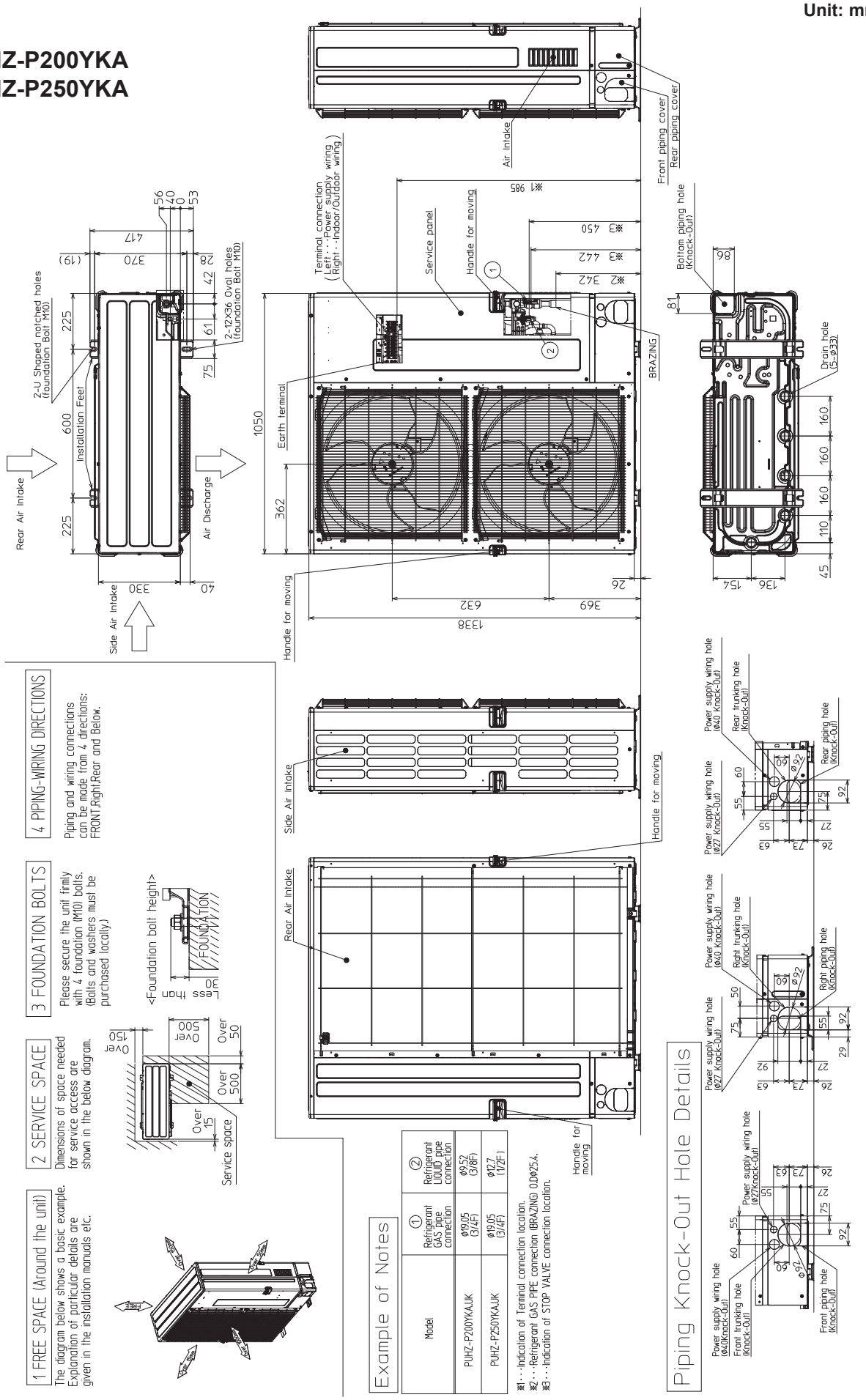
Unit : mm

PUHZ-P125VHA3
PUHZ-P140VHA3
PUHZ-P125YHA
PUHZ-P140YHA



Unit: mm

PUHZ-P200YKA
PUHZ-P250YKA



1 FREE SPACE (Around the unit)

The diagram below shows a basic example. Explanation of particular details are given in the installation manuals etc.

2 SERVICE SPACE

Dimensions of space needed for service access are shown in the below diagram.

Service space

3 FOUNDATION BOLTS

Please secure the unit firmly with 4 foundation (M10) bolts. (Bolts and washers must be purchased locally.)

<Foundation bolt height>

4 PIPING-WIRING DIRECTIONS

Piping and wiring connections can be made from 4 directions: FRONT,Right,Rear and Below.

Example of Notes

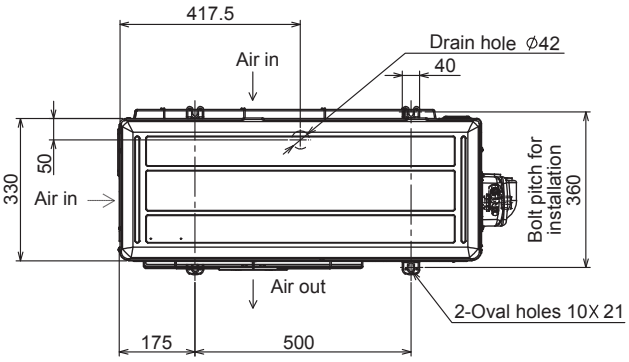
Model	① Refrigerant GAS pipe connection	② Refrigerant LIQUID pipe connection
PUHZ-P200YKA.UK	ø19.05 (3/4F)	ø9.52 (3/8F)
PUHZ-P250YKA.UK	ø19.05 (3/4F)	ø12.7 (1/2F)

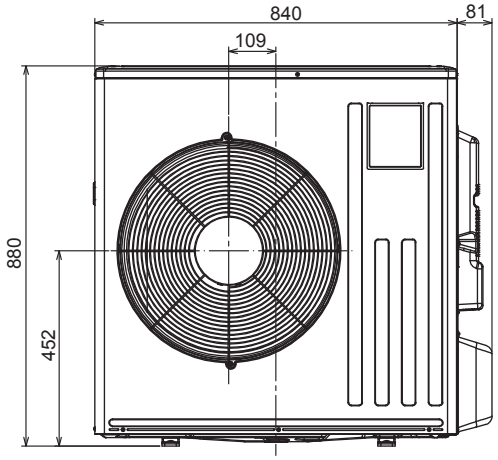
※1···Indication of Terminal connection location.
※2···Refrigerant GAS PIPE connection (BRAZING) O.D.ø25.4.
※3···Indication of STOP VALVE connection location.

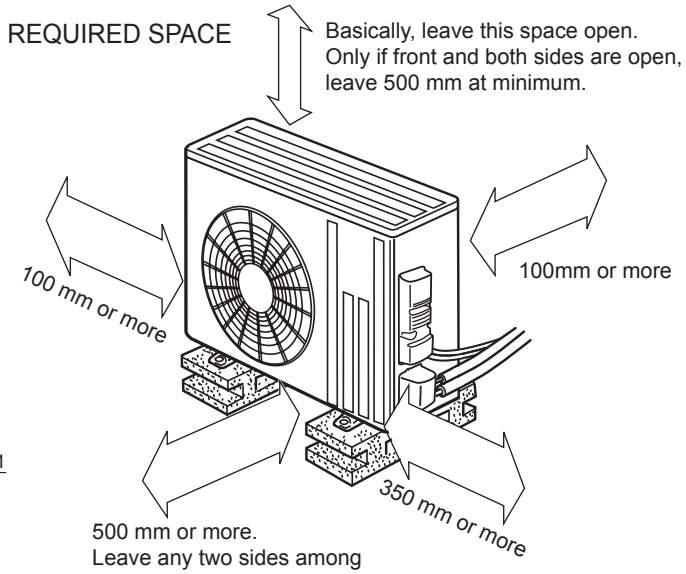
Piping Knock-Out Hole Details

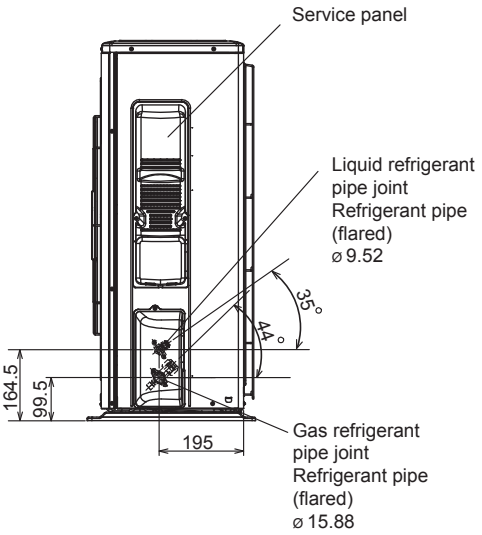
5. SUZ-SA•VA
SUZ-SA71VA2
SUZ-SA100VA

Unit: mm



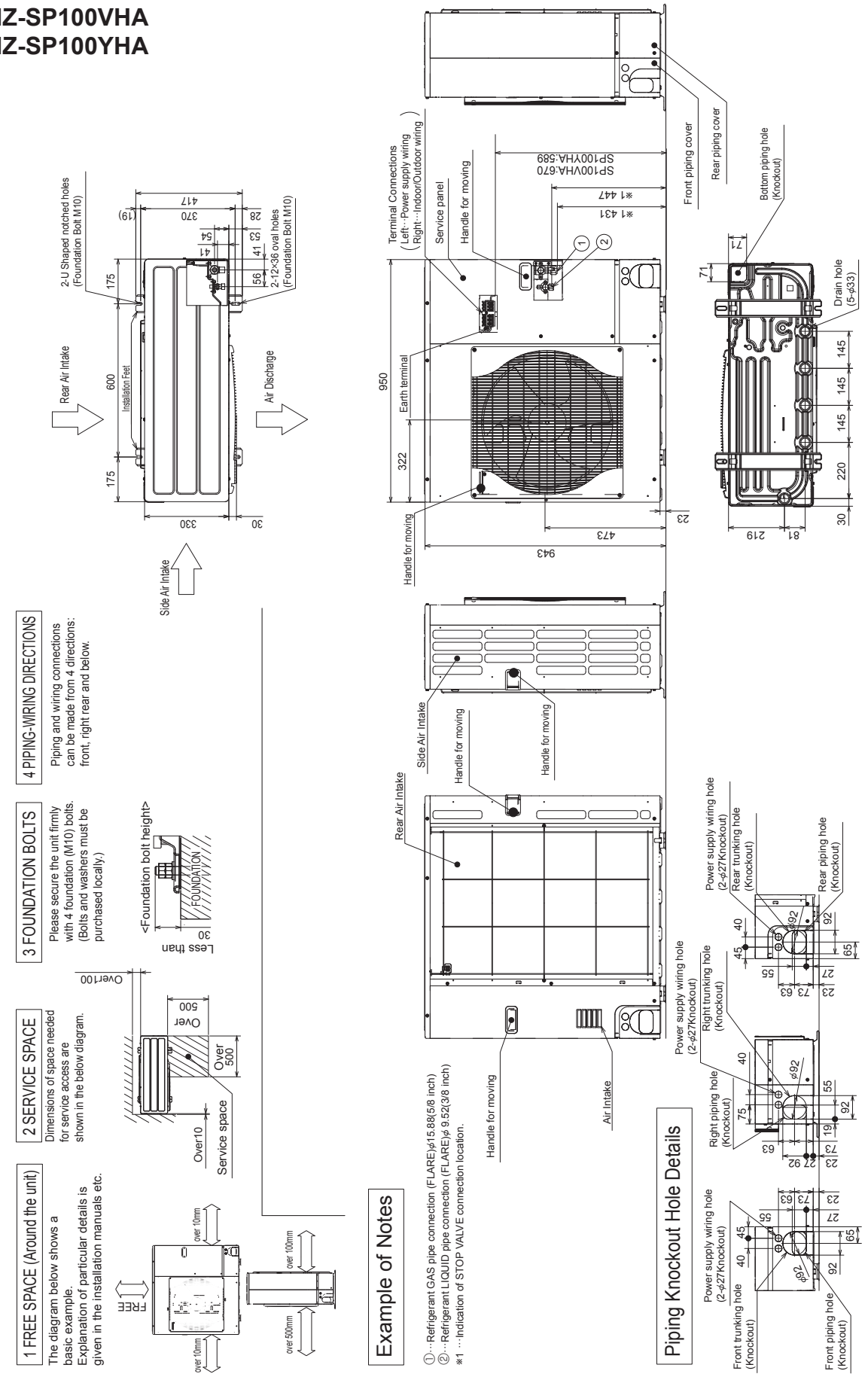






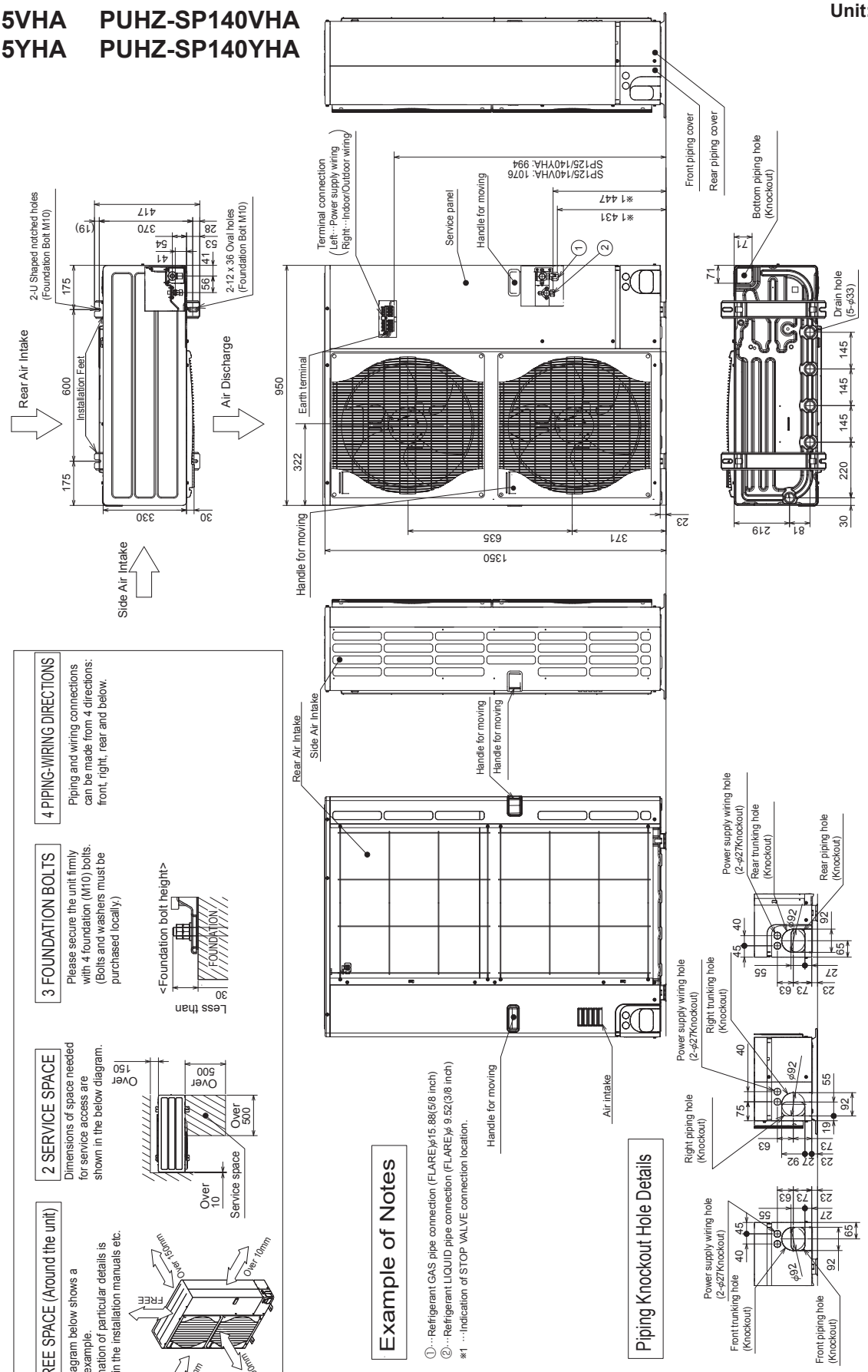
6. PUHZ-SP•HA
PUHZ-SP100VHA
PUHZ-SP100YHA

Unit: mm



PUHZ-SP125VHA PUHZ-SP140VHA
PUHZ-SP125YHA PUHZ-SP140YHA

Unit: mm



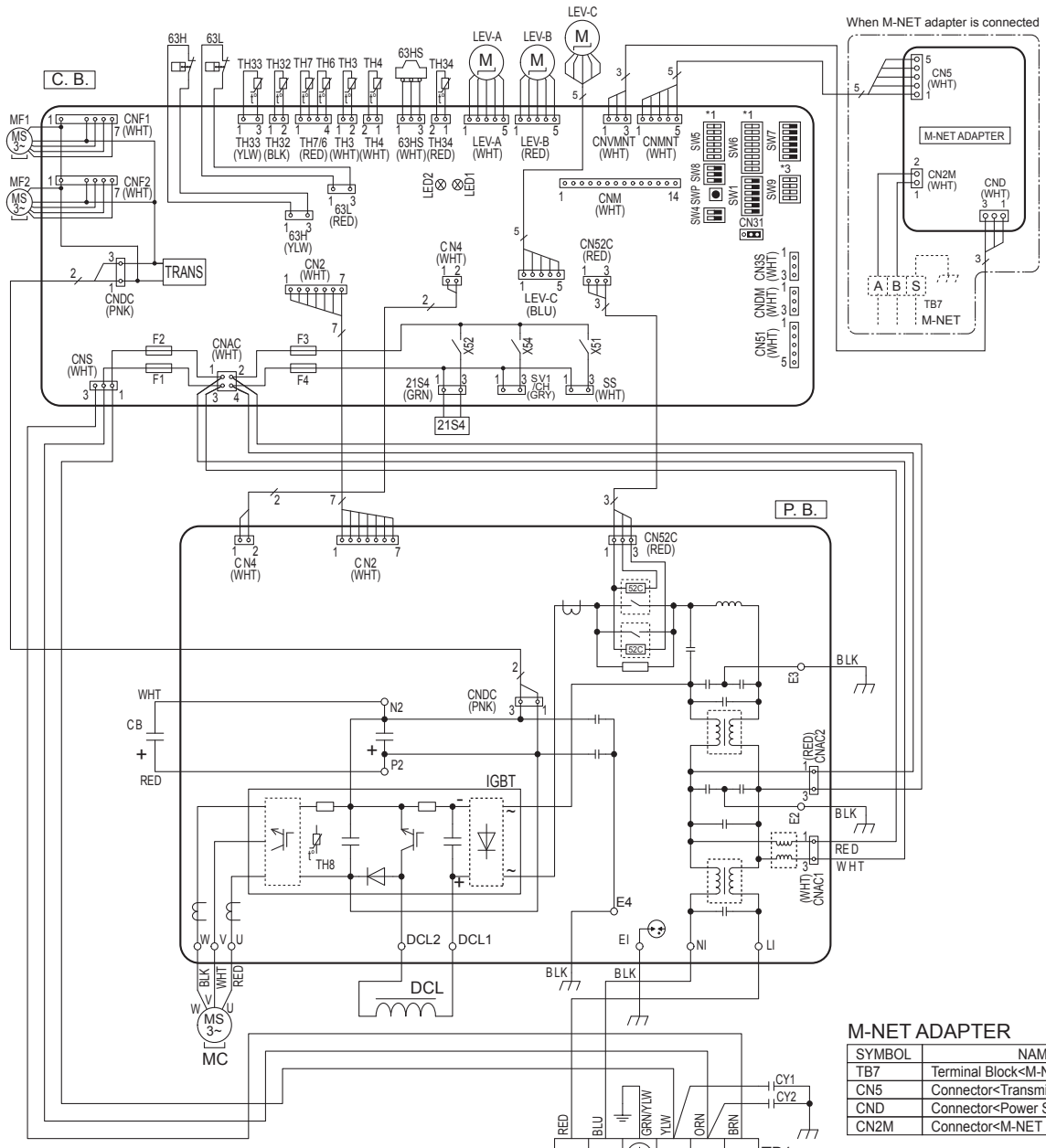
A.8.2 WIRING DIAGRAM

A.8.2.1 INVERTER MODELS Heat pump type

1. PUHZ-SHW•HA/PUHZ-SHW•KA

PUHZ-SHW112VHA(-BS)

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>	DCL	Reactor	SW4	Switch<Test Operation>
MC	Motor for Compressor	CB	Main Smoothing Capacitor	SW5	Switch<Function Switch, Model Select>
MF1, MF2	Fan Motor	CY1, CY2	Capacitor	SW6	Switch<Model Select>
21S4	Solenoid Valve (Four-Way Valve)	P. B.	Power Circuit Board	SW7	Switch<Function Switch>
63H	High Pressure Switch	U, V, W	Connection Terminal<U/V/W-Phase>	SW8	Switch<Function Switch>
63L	Low Pressure Switch	LI	Connection Terminal<L-Phase>	SW9	Switch<Function Switch>
63HS	High Pressure Sensor	NI	Connection Terminal<N-Phase>	SWP	Switch<Pump Down>
TH3	Thermistor<Liquid>	P2	Connection Terminal	CN31	Connector<Emergency Operation>
TH4	Thermistor<Discharge>	N2	Connection Terminal	CNDM	Connector<Connection for Option>
TH6	Thermistor<2-Phase Pipe>	DCL1, DCL2	Connection Terminal<Reactor>	CN51	Connector<Connection for Option>
TH7	Thermistor<Ambient>	IGBT	Power Module	SV1/CH	Connector<Connection for Option>
TH8	Thermistor (internal) <Heat Sink>	EI, E2, E3, E4	Connection Terminal<Ground>	SS	Connector<Connection for Option>
TH32	Thermistor<Suction>	52C	52C Relay	CNM	Connector<Connection for Option>
TH33	Thermistor<Ref. check>	C. B.	Controller Circuit Board	LED1, LED2	LED<Operation Inspection Indicators>
TH34	Thermistor<Comp. Surface>	SW1	Switch<Manual Defrost, Defect History, Record Reset, Refrigerant Address>	F1, F2, F3, F4	Fuse<T6.3AL250V>
LEV-A, LEV-B, LEV-C	Linear Expansion Valve			X51, X52, X54	Relay



*3 Ambient temp. of ZUBADAN Flash Injection becomes effective.
The black square (■) indicates a switch position.

Ambient temp.	SW9-3,4 *4	Ambient temp.	SW9-3,4 *4
3°C or less (Initial setting)	ON OFF 1 2 3 4	–3°C or less	ON OFF 1 2 3 4
0°C or less	ON OFF 1 2 3 4	–6°C or less	ON OFF 1 2 3 4

*4 SW9-1 to 2 : Function Switch

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block<M-NET connection>
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>

*1 MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6	SW5-6 *2
80V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
112V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

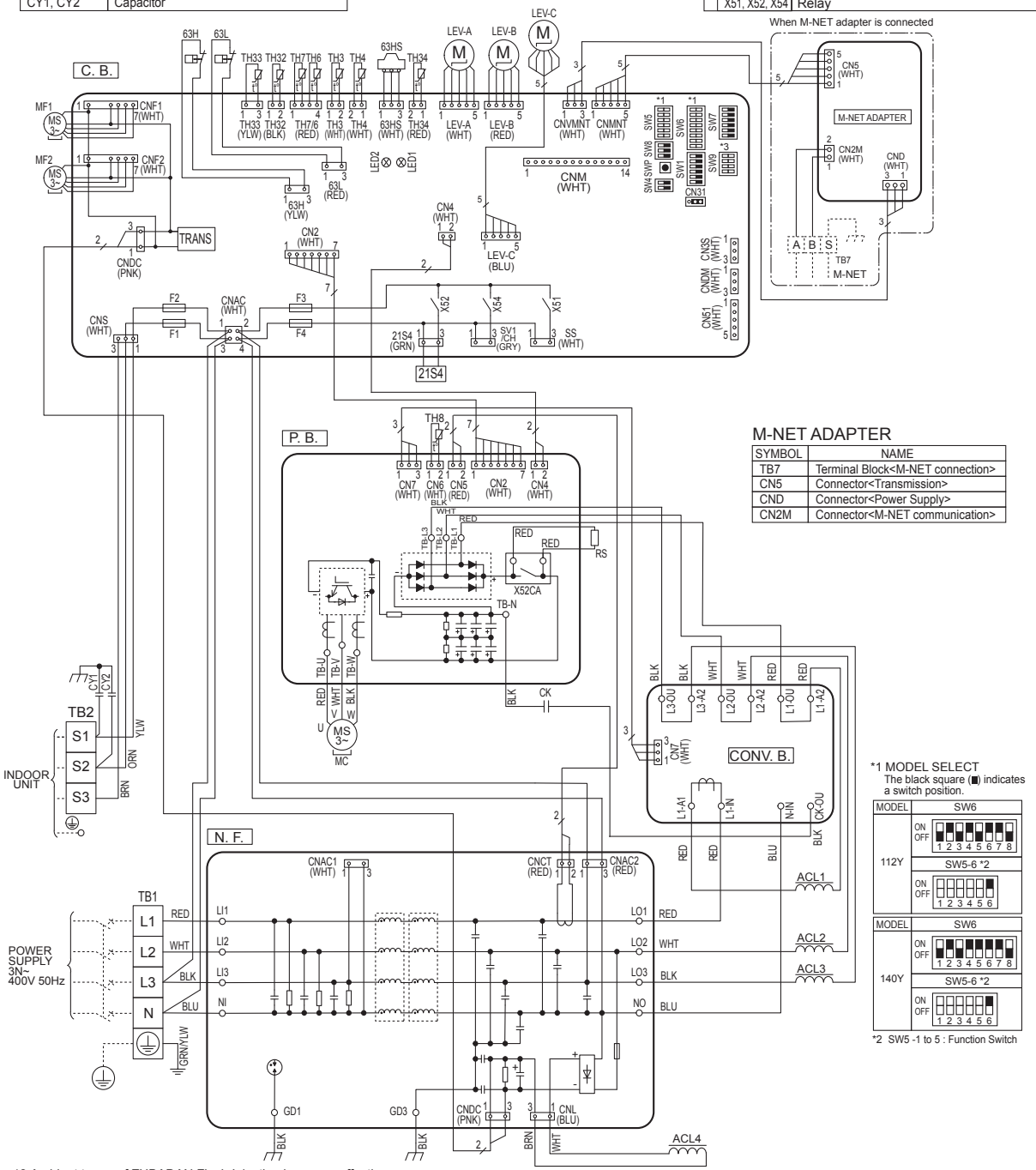
*2 SW5 -1 to 5 : Function Switch

PUHZ-SHW112YHA(-BS) PUHZ-SHW140YHA(-BS)

SYMBOL	NAME
TB1	Terminal Block<Power Supply>
TB2	Terminal Block<Indoor/Outdoor>
MC	Motor for Compressor
MF1, MF2	Fan Motor
21S4	Solenoid Valve (Four-Way Valve)
63H	High Pressure Switch
63L	Low Pressure Switch
63HS	High Pressure Sensor
TH3	Thermistor<Liquid>
TH4	Thermistor<Discharge>
TH6	Thermistor<2-Phase Pipe>
TH7	Thermistor<Ambient>
TH8	Thermistor<Heat Sink>
TH32	Thermistor<Suction>
TH33	Thermistor<Ref. check>
TH34	Thermistor<Comp. Surface>
LEV-A, LEV-B, LEV-C	Linear Expansion Valve
ACL1, ACL2, ACL3, ACL4	Reactor
CY1, CY2	Capacitor

SYMBOL	NAME
CK	Capacitor
RS	Rush Current Protect Resistor
P. B.	Power Circuit Board<L1/L2/L3 Power Supply>
TB-U/V/W	Connection Terminal<U/V/W-Phase>
TB-L1/L2/L3	Connection Terminal
TB-N	Connection Terminal
X52CA	52C Relay
N. F.	Noise Filter Circuit Board
LI1, LI2. LI3, NI	Connection Terminal<L1/L2/L3/N-Power Supply>
LO1, LO2, LO3, NO	Connection Terminal<L1/L2/L3/N-Power Supply>
GD1, GD3	Connection Terminal<Ground>
CONV. B.	Converter Circuit Board
L1-A1/IN	Connection Terminal<L1-Power Supply>
L1-A2/OU	Connection Terminal<L1-Power Supply>
L2-A2/OU	Connection Terminal<L2-Power Supply>
L3-A2/OU	Connection Terminal<L3-Power Supply>
N-IN	Connection Terminal
CK-OU	Connection Terminal

SYMBOL	NAME
C. B.	Controller Circuit Board
SW1	Switch<Manual Defrost, Defect History, Record Reset, Refrigerant Address>
SW4	Switch<Test Operation>
SW5	Switch<Function Switch, Model Select>
SW6	Switch<Model Select>
SW7	Switch<Function Switch>
SW8	Switch<Function Switch>
SW9	Switch<Function Switch>
SWP	Switch<Pump Down>
CN31	Connector<Emergency Operation>
CNDM	Connector<Connection for Option>
CN51	Connector<Connection for Option>
SV1/CH	Connector<Connection for Option>
SS	Connector<Connection for Option>
CNM	Connector<Connection for Option>
LED1, LED2	LED<Operation Inspection Indicators>
F1, F2, F3, F4	FUSE<T6.3AL250V>
X51, X52, X54	Relay



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block<M-NET connection>
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>

*1 MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6	SW5-6 *2
112Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
140Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

*2 SW5 -1 to 5 : Function Switch

*3 Ambient temp. of ZUBADAN Flash Injection becomes effective.
The black square (■) indicates a switch position.

Ambient temp.	SW9-3,4 *4	Ambient temp.	SW9-3,4 *4	Ambient temp.	SW9-3,4 *4	Ambient temp.	SW9-3,4 *4
3°C or less (Initial setting)	ON OFF 1 2 3 4	0°C or less	ON OFF 1 2 3 4	–3°C or less	ON OFF 1 2 3 4	–6°C or less	ON OFF 1 2 3 4

PUHZ-SHW230YKA2

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply>	LEV-A, LEV-B, LEV-C	Linear Expansion Valve	SW6	Switch<Model Select>
TB2	Terminal Block<Indoor/Outdoor>	ACL4	Reactor	SW7	Switch<Function Switch>
MC	Motor for Compressor	DCL	Reactor	SW8	Switch<Function Switch>
MF1,MF2	Fan Motor	CB1, CB2	Main Smoothing Capacitor	SW9	Switch<Function Switch>
21S4	Solenoid Valve (4-Way Valve)	RS	Rush Current Protect Resistor	SWP	Switch<Pump Down>
63H	High Pressure Switch	FUSE1, FUSE2	Fuse<T15AL250V>	CN31	Connector<Emergency Operation>
63L	Low Pressure Switch	CY1, CY2	Capacitor	F3, F4	Fuse<T6.3AL250V>
63HS	High Pressure Sensor	P. B.	Power Circuit Board	SV1/CH	Connector<Connection for Option>
TH3	Thermistor<Liquid>	N. F.	Noise Filter Circuit Board	SV3/SS	Connector<Connection for Option>
TH4	Thermistor<Discharge>	C. B.	Controller Circuit Board	CNM	Connector<Connection for Option>
TH6	Thermistor<2-Phase Pipe>	SW1	Switch<Manual Defrost, Defect History Record Reset, Refrigerant Address>	CNMNT	Connector<Connection for Option>
TH7	Thermistor<Ambient>			CNVMNT	Connector<Connection for Option>
TH32	Thermistor<Suction>	SW4	Switch<Test Operation>	CNDM	Connector<Connection for Option>
TH34	Thermistor<Comp. Surface>	SW5	Switch<Function Switch, Model Select>		

★1 MODEL SELECT
The black square (■) indicates a switch position.

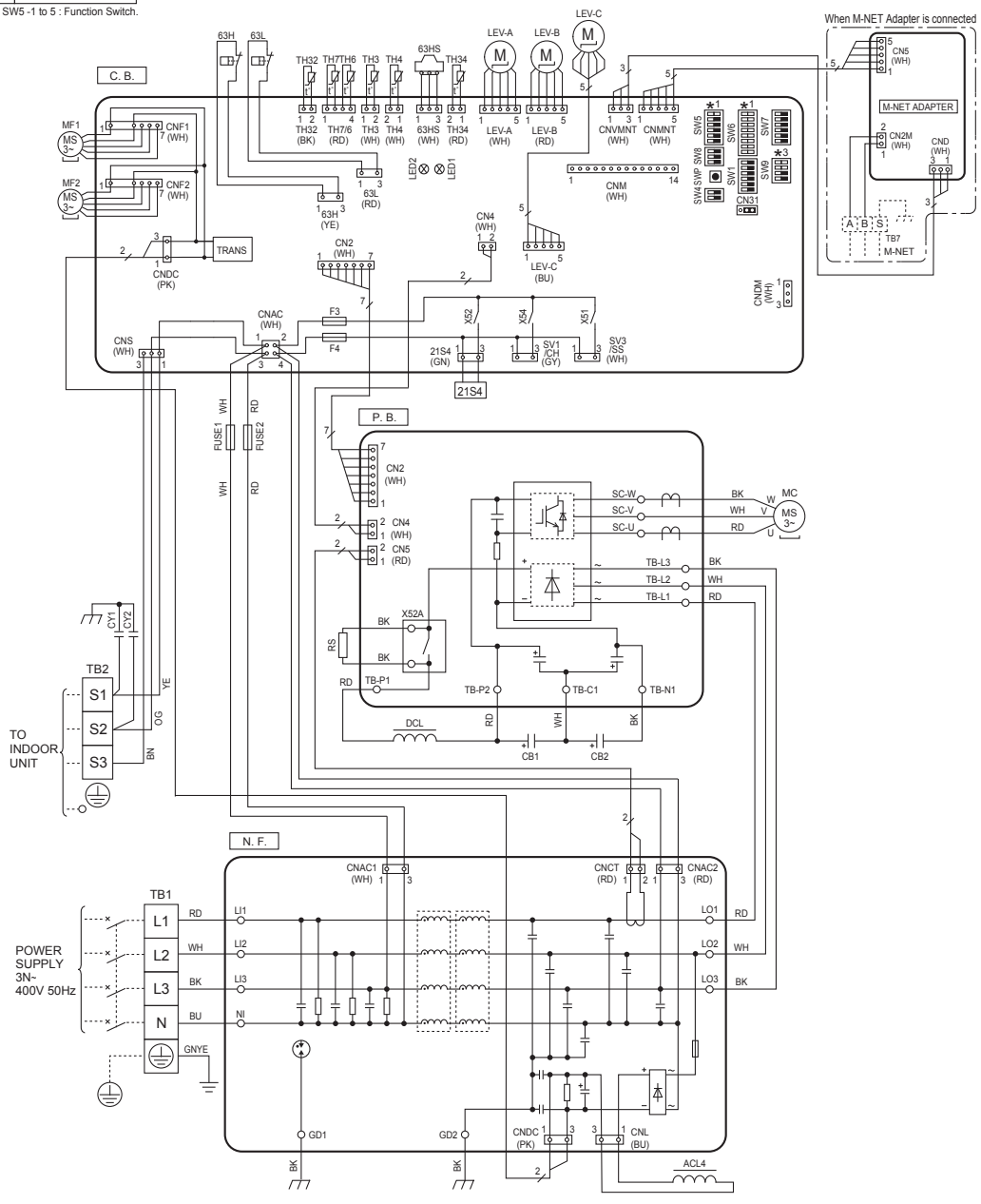
MODEL	SW6
230Y	SW5-6 ★2

★2 SW5 -1 to 5 : Function Switch.

★3 Ambient temp. of ZUBADAN Flash Injection becomes effective.
The black square (■) indicates a switch position.

Ambient temp.	SW9-3, 9-4 ★4	Ambient temp.	SW9-3, 9-4 ★4	Ambient temp.	SW9-3, 9-4 ★4	Ambient temp.	SW9-3, 9-4 ★4
3°C or less (Default setting)		0°C or less		−3°C or less		−6°C or less	

★4 SW9-1 to 2 : Function Switch



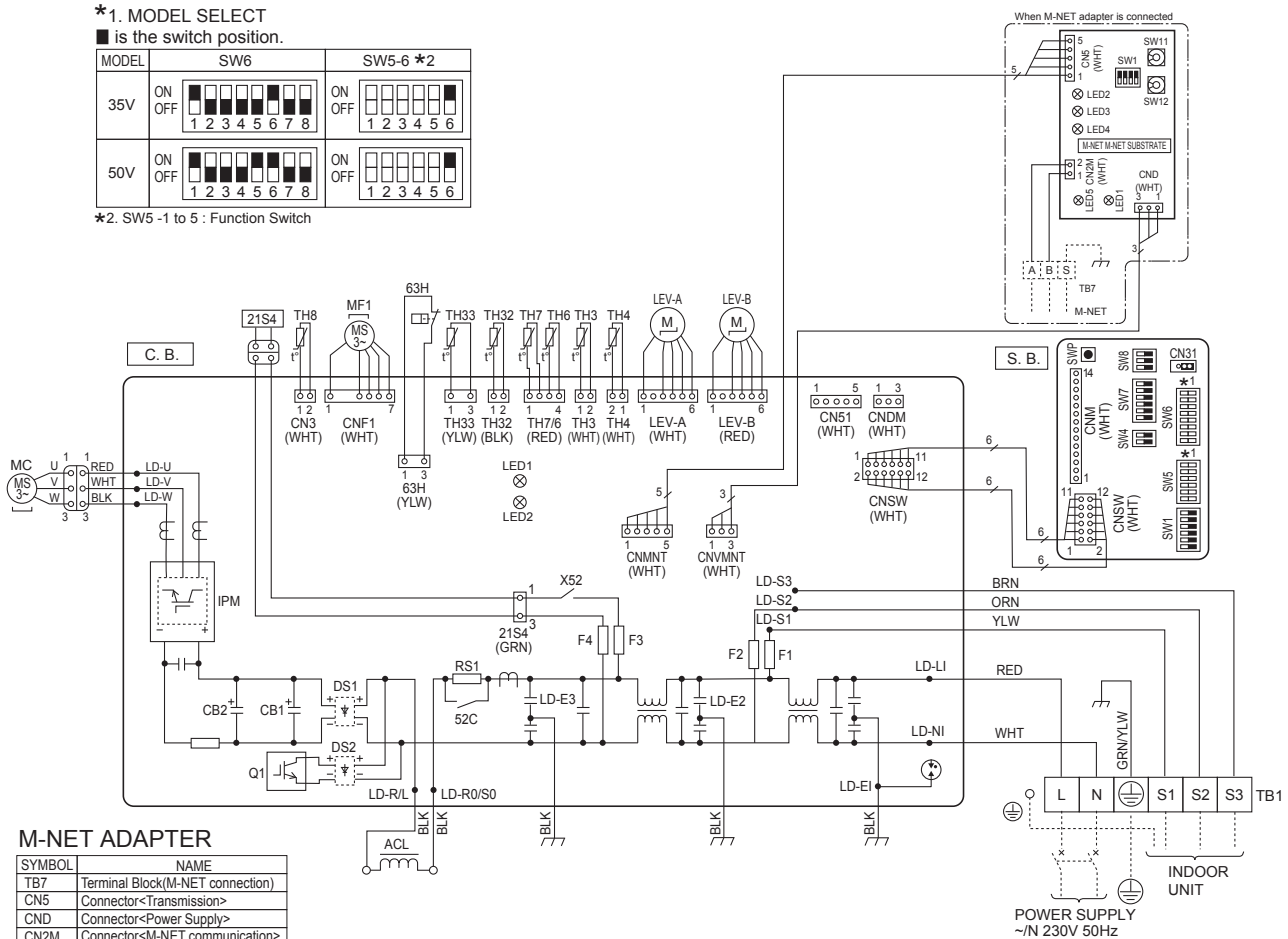
2. PUHZ-ZRP•HA/KA(2)
PUHZ-ZRP35VKA PUHZ-ZRP50VKA

SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>	F1, F2	Fuse <10A>
MC	Motor for Compressor	F3, F4	Fuse <3.15A>
MF1	Fan Motor	52C	Relay
21S4	Solenoid Valve (Four-Way Valve)	RS1	Resistor
63H	High Pressure Switch	LED1, LED2	LED <Operation Inspection Indicators>
TH3, TH33	Thermistor <Outdoor Pipe>	X52	Relay
TH4	Thermistor <Discharge>	CNMNT	Connector <Connected to Optional M-NET Adapter Board>
TH6	Thermistor <Outdoor 2-Phase Pipe>		
TH7	Thermistor <Outdoor>	CNVMNT	Connector <Connected to Optional M-NET Adapter Board>
TH8	Thermistor <Heat Sink>		
TH32	Thermistor <Shell>	CNDM	Connector <Connected for Option (Contact Input)>
LEV-A, LEV-B	Electronic Expansion Valve	CN51	Connector <Connection for Option>
ACL	Reactor	CNSW	Connector <Connection for Switch Board>
C. B.	Controller Circuit Board	S. B.	Switch Board
LD-U	Lead Wire <U-Phase>	SW1	Switch <Forced Defrost, Defect History Record Reset, Refrigerant Address>
LD-V	Lead Wire <V-Phase>		
LD-W	Lead Wire <W-Phase>	SW4	Switch <Test Operation>
LD-LI	Lead Wire <L-Phase>	SW5	Switch <Function Switch>
LD-NI	Lead Wire <N-Phase>	SW6	Switch <Model Select>
LD-R0/S0, LD-R/L	Lead Wire <L-Phase(Reactor)>	SW7	Switch <Function Setup>
LD-S1, LD-S2, LD-S3	Lead Wire <Indoor/Outdoor>	SW8	Switch <Function Setup>
LD-EI, LD-E2, LD-E3	Lead Wire <Ground>	SWP	Switch <Pump Down>
DS1, DS2	Diode Bridge	CN31	Connector <Emergency Operation>
IPM	Power Module	CNM	Connector <A-Control Service Inspection Kit>
Q1	IGBT	CNSW	Connector <Connector for Controller Board>
CB1, CB2	Main Smoothing Capacitor		

*1. MODEL SELECT
■ is the switch position.

MODEL	SW6	SW5-6 *2
35V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
50V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

*2. SW5 -1 to 5 : Function Switch



M-NET ADAPTER

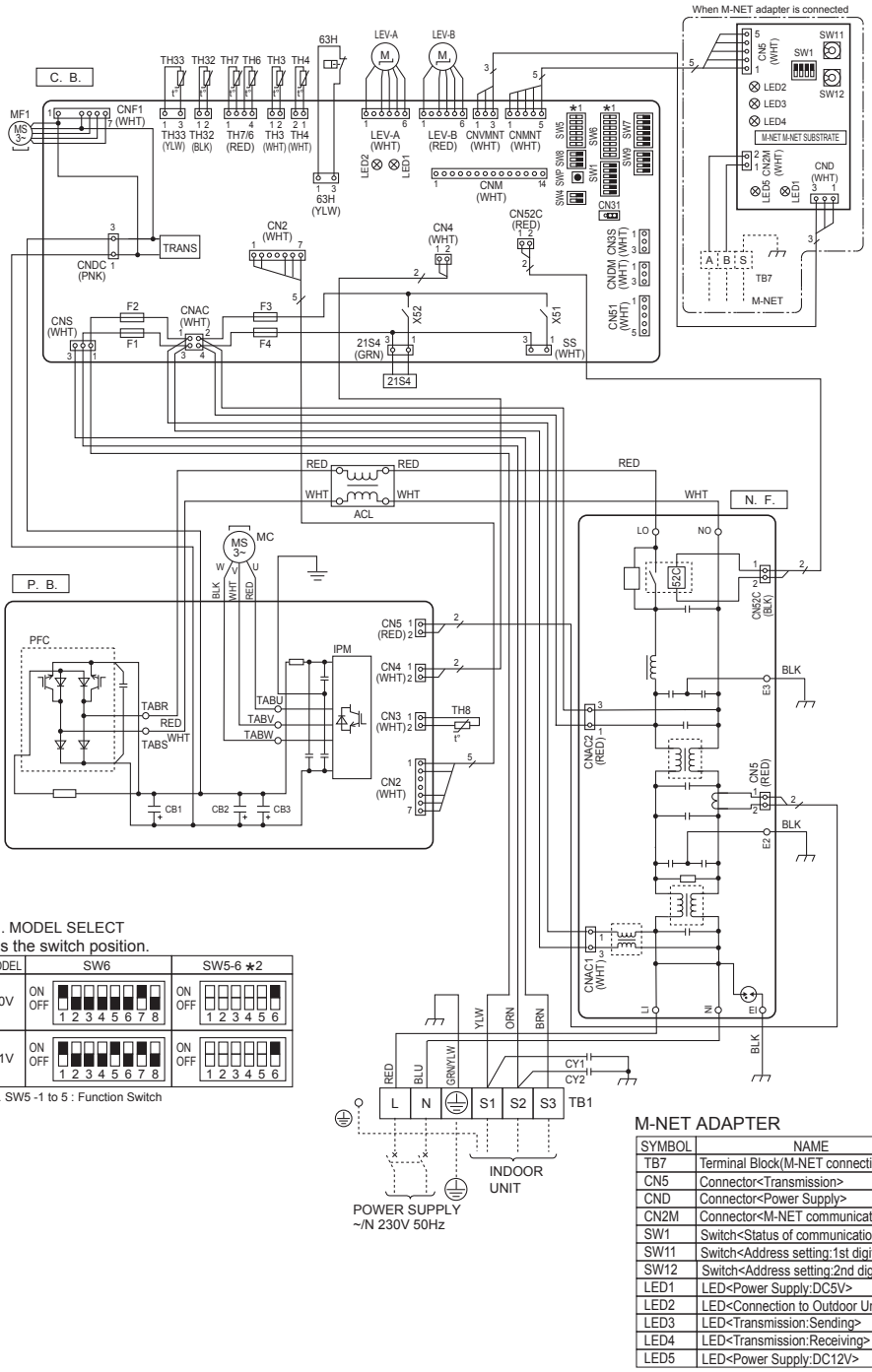
SYMBOL	NAME
TB7	Terminal Block(M-NET connection)
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>
SW1	Switch<Status of communication>
SW11	Switch<Address setting:1st digit>
SW12	Switch<Address setting:2nd digit>
LED1	LED<Power Supply:DC5V>
LED2	LED<Connection to Outdoor Unit>
LED3	LED<Transmission:Sending>
LED4	LED<Transmission:Receiving>
LED5	LED<Power Supply:DC12V>

PUHZ-ZRP60VHA PUHZ-ZRP71VHA

SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>
MC	Motor for Compressor
MF1	Fan Motor
21S4	Solenoid Valve (Four-Way Valve)
63H	High Pressure Switch
TH3, TH33	Thermistor <Outdoor Pipe>
TH4	Thermistor <Discharge>
TH6	Thermistor <Outdoor 2-Phase Pipe>
TH7	Thermistor <Outdoor>
TH8	Thermistor <Heat Sink>
TH32	Thermistor <Shell>
LEV-A, LEV-B	Electronic Expansion Valve
ACL	Reactor
CY1,CY2	Capacitor
P.B.	Power Circuit Board
TABR/S	Connection Terminal <L/N-Phase>
TABU/V/W	Connection Terminal <U/V/W-Phase>
IPM	Power Module

SYMBOL	NAME
PFC	Converter
CB1~CB3	Main Smoothing Capacitor
N.F.	Noise Filter Circuit Board
LI/LO	Connection Terminal <L-Phase>
NI/NO	Connection Terminal <N-Phase>
EI,E2,E3	Connection Terminal <Ground>
52C	52C Relay
C.B.	Controller Circuit Board
SW1	Switch <Forced Defrost, Defect History Record Reset, Refrigerant Address>
SW4	Switch <Test Operation>
SW5	Switch <Function Switch>
SW6	Switch <Model Select>
SW7	Switch <Function Setup>
SW8	Switch <Function Setup>
SW9	Switch
LED1,LED2	LED <Operation Inspection Indicators>

SYMBOL	NAME
F1~4	Fuse <T6.3AL250V>
SWP	Switch <Pump Down>
CN31	Connector <Emergency Operation>
CN3S	Connector <Connection for Option>
CN51	Connector <Connection for Option>
SS	Connector <Connection for Option>
CNM	Connector <A-Control Service Inspection Kit>
CNMNT	Connector <Connected to Optional M-NET Adapter Board>
CNVMNT	Connector <Connected to Optional M-NET Adapter Board>
CNDM	Connector <Connected for Option (Contact Input)>
X51,X52	Relay



★1. MODEL SELECT
■ is the switch position.

MODEL	SW6	SW5-6 ★2
60V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
71V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

★2. SW5 -1 to 5 : Function Switch

M-NET ADAPTER

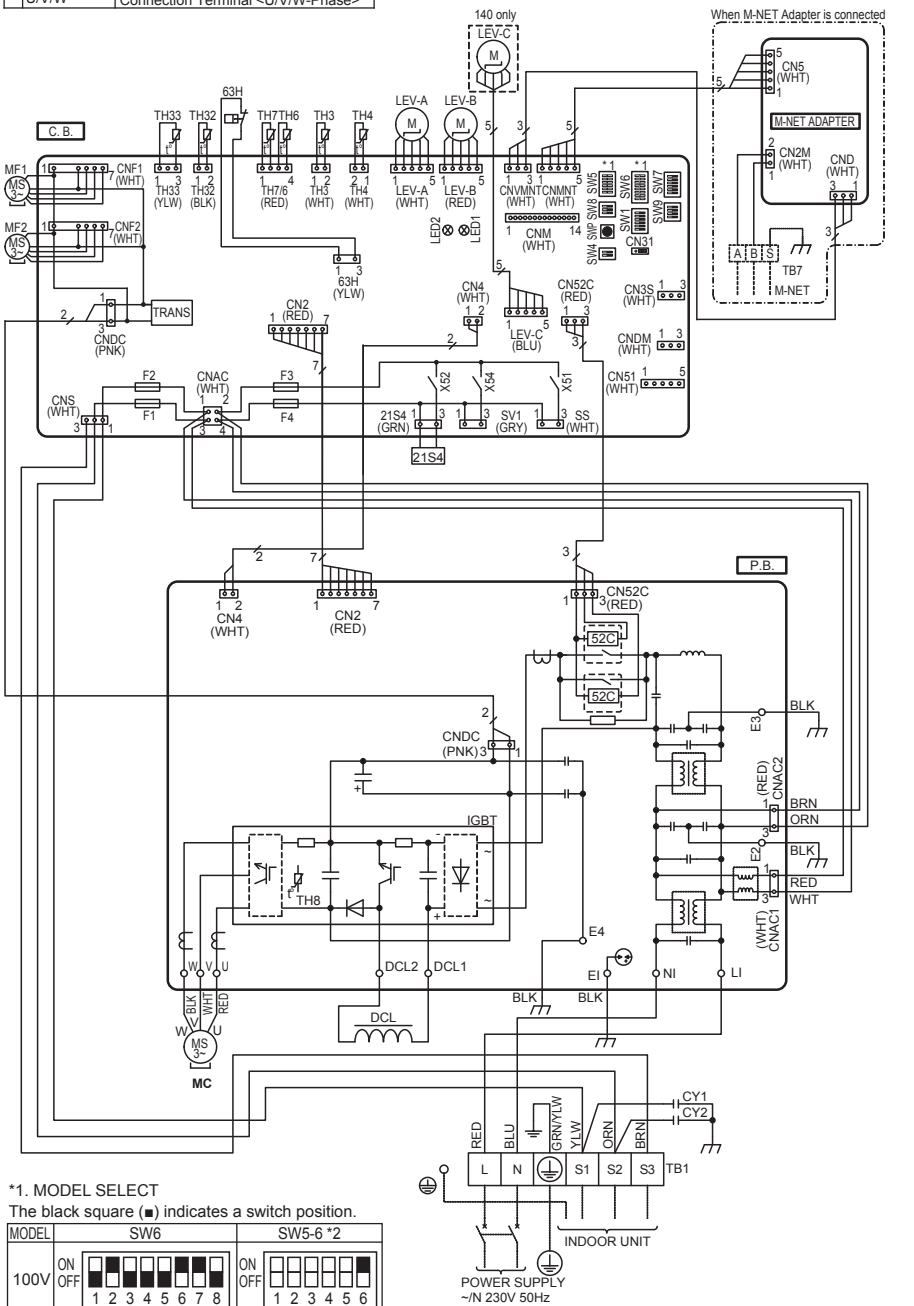
SYMBOL	NAME
TB7	Terminal Block(M-NET connection)
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>
SW1	Switch<Status of communication>
SW11	Switch<Address setting:1st digit>
SW12	Switch<Address setting:2nd digit>
LED1	LED<Power Supply:DC5V>
LED2	LED<Connection to Outdoor Unit>
LED3	LED<Transmission:Sending>
LED4	LED<Transmission:Receiving>
LED5	LED<Power Supply:DC12V>

PUHZ-ZRP100VKA2 PUHZ-ZRP125VKA2 PUHZ-ZRP140VKA2

SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>
MC	Motor for Compressor
MF1, MF2	Fan Motor
21S4	Solenoid Valve (Four-Way Valve)
63H	High Pressure Switch
TH3	Thermistor <Liquid>
TH4	Thermistor <Discharge>
TH6	Thermistor <2-Phase Pipe>
TH7	Thermistor <Ambient>
TH8	Thermistor <Heat Sink>
TH32	Thermistor <Comp. Surface>
TH33	Thermistor <Ref. Check>
LEV-A, LEV-B, LEV-C	Linear Expansion Valve
DCL	Reactor
CY1, CY2	Capacitor
P.B.	Power Circuit Board
U/V/W	Connection Terminal <U/V/W-Phase>

SYMBOL	NAME
LI	Connection Terminal <L-Phase>
NI	Connection Terminal <N-Phase>
DCL1, DCL2	Connection Terminal <Reactor>
IGBT	Power Module
EI, E2, E3, E4	Connection Terminal <Ground>
C.B.	Controller Circuit Board
SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>
SW4	Switch <Test Operation>
SW5	Switch <Function Switch, Model Select>
SW6	Switch <Model Select>
SW7	Switch <Function Switch>
SW8	Switch <Function Switch>
SW9	Switch <Function Switch>
SWP	Switch <Pump Down>
CN31	Connector <Emergency Operation>
CN3S	Connector <Connection for Option>

SYMBOL	NAME
CNDM	Connector <Connection for Option>
CN51	Connector <Connection for Option>
SV1	Connector <Connection for Option>
SS	Connector <Connection for Option>
CNM	Connector <Connection for Option>
CNMNT	Connector <Connect to Optional M-NET Adapter Board>
CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
LED1, LED2	LED <Operation Inspection Indicators>
F1, F2, F3, F4	Fuse <T6.3AL250V>
X51, X52, X54	Relay



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6	SW5-6 *2
100V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
125V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
140V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

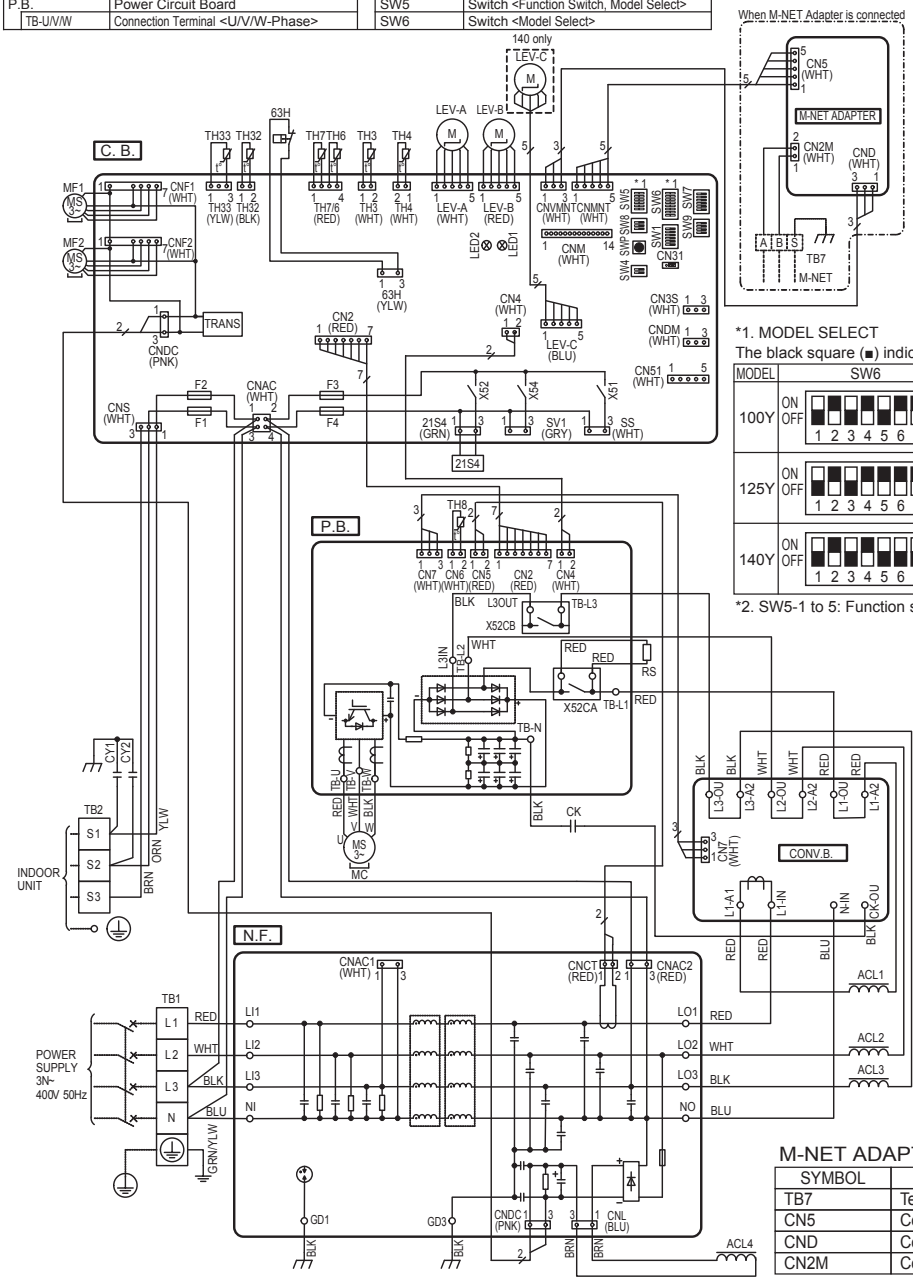
*2. SW5-1 to 5: Function switch

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

PUHZ-ZRP100YKA2 PUHZ-ZRP125YKA2 PUHZ-ZRP140YKA2

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	SW7	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-N	Connection Terminal	SW8	Switch <Function Switch>
MC	Motor for Compressor	X52CA/B	52C Relay	SW9	Switch <Function Switch>
MF1, MF2	Fan Motor	N.F.	Noise Filter Circuit Board	SWP	Switch <Pump Down>
21S4	Solenoid Valve (Four-Way Valve)	LI1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	CN31	Connector <Emergency Operation>
63H	High Pressure Switch	LO1/LO2/LO3/NO	Connection Terminal <L1/L2/L3/N-Power Supply>	CN3S	Connector <Connection for Option>
TH3	Thermistor <Liquid>	GD1,GD3	Connection Terminal <Ground>	CNDM	Connector <Connection for Option>
TH4	Thermistor <Discharge>	CONV.B.	Converter Circuit Board	CN51	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	L1-A1/IN	Connection Terminal <L1-Power Supply>	SV1	Connector <Connection for Option>
TH7	Thermistor <Ambient>	L1-A2/OU	Connection Terminal <L1-Power Supply>	SS	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	L2-A2/OU	Connection Terminal <L2-Power Supply>	CNM	Connector <Connection for Option>
TH32	Thermistor <Comp. Surface>	L3-A2/OU	Connection Terminal <L3-Power Supply>	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH33	Thermistor <Ref. Check>	N-IN	Connection Terminal	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A, LEV-B, LEV-C	Linear Expansion Valve	CK-OU	Connection Terminal	LED1, LED2	LED <Operation Inspection Indicators>
ACL1,ACL2,ACL3,ACL4	Reactor	C.B.	Controller Circuit Board	F1, F2, F3, F4	Fuse <T6.3AL250V>
CK	Capacitor	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	X51, X52, X54	Relay
RS	Rush Current Protect Resistor	SW4	Switch <Test Operation>		
CY1, CY2	Capacitor	SW5	Switch <Function Switch, Model Select>		
P.B.	Power Circuit Board	SW6	Switch <Model Select>		
TB-U/V/W	Connection Terminal <U/V/W-Phase>				



*1. MODEL SELECT
The black square (■) indicates a switch position.

MODEL	SW6	SW5-6 *2
100Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
125Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
140Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

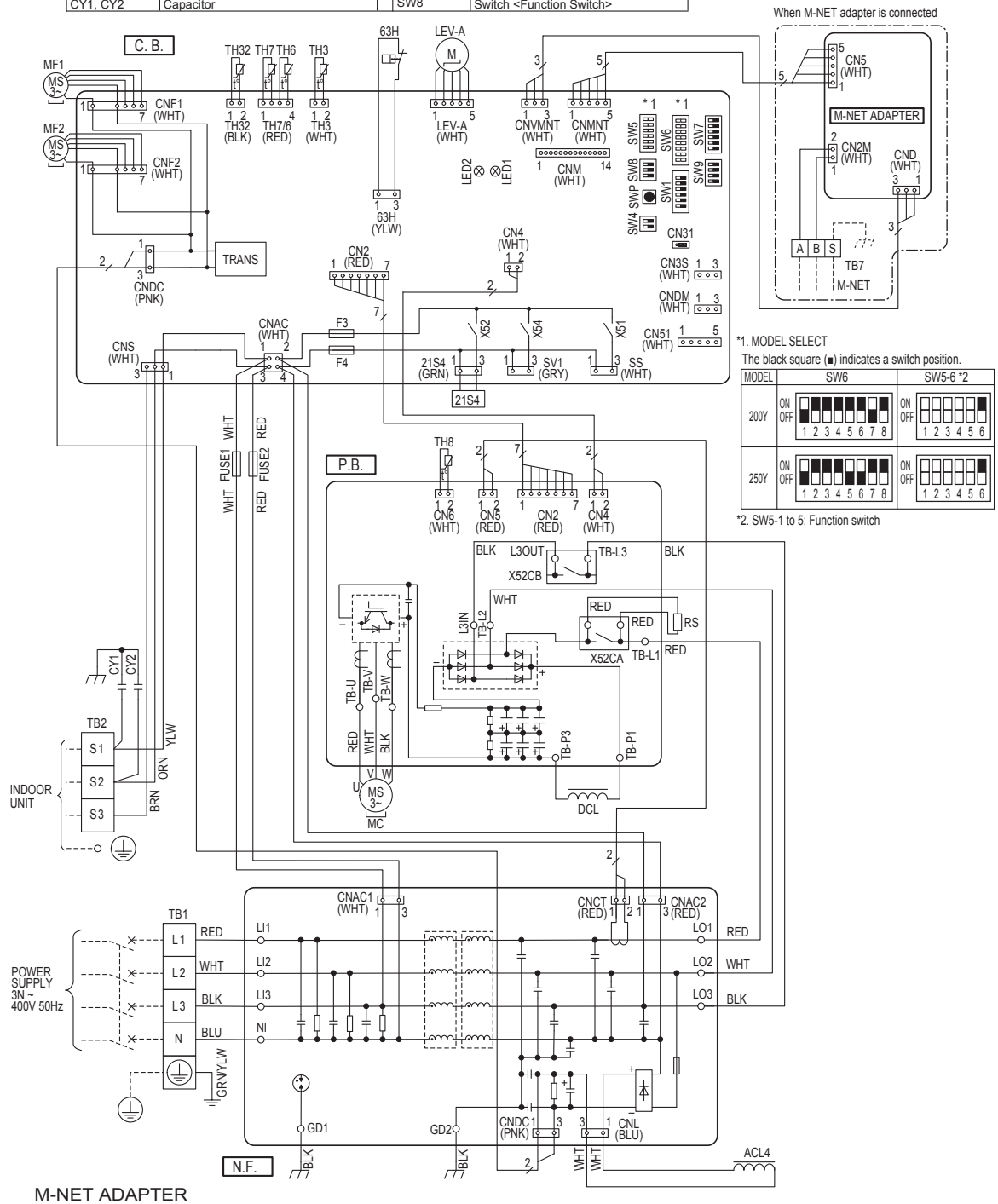
*2. SW5-1 to 5: Function switch

M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

PUHZ-ZRP200YKA PUHZ-ZRP250YKA

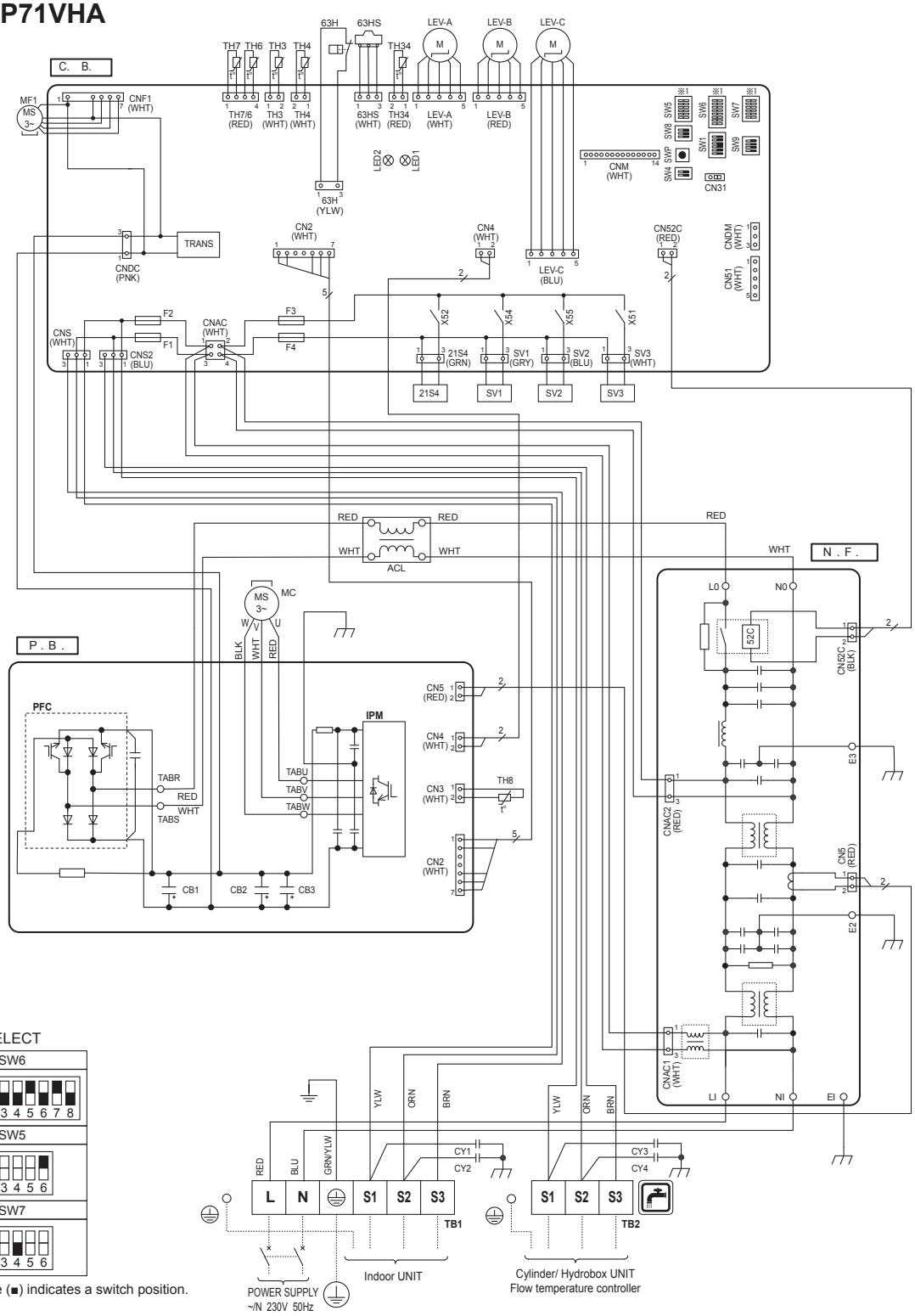
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (Four-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TH3	Thermistor <Liquid>	LI1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	SS	Connector <Connection for Option>
TH7	Thermistor <Ambient>	GD1, GD2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH32	Thermistor <Comp. Surface>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A	Linear Expansion Valve	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
ACL4	Reactor	SW5	Switch <Function Switch, Model Select>	F3, F4	Fuse <T6.3AL250V>
DCL	Reactor	SW6	Switch <Model Select>	X51, X52, X54	Relay
RS	Rush Current Protect Resistor	SW7	Switch <Function Switch>		
FUSE1, FUSE2	Fuse <T15AL250V>	SW8	Switch <Function Switch>		
CY1, CY2	Capacitor				



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

3. PUHZ-FRP71VHA



※1 MODEL SELECT

MODEL	SW6	SW5	SW7
71V	ON / OFF 1 2 3 4 5 6 7 8	ON / OFF 1 2 3 4 5 6	ON / OFF 1 2 3 4 5 6

The black square (■) indicates a switch position.

SYMBOL	NAME
TB1	Terminal Block<Power Supply, Indoor/Outdoor>
TB2	Terminal Block<Cylinder/HydroboxUNIT/Outdoor>
MC	Motor for Compressor
MF1	Fan Motor
21S4	Solenoid Valve (Four-Way Valve)
SV1~3	Solenoid Valve
63H	High Pressure Switch
63HS	High Pressure Sensor
TH3	Thermistor<Outdoor Pipe>
TH4	Thermistor<Discharge>
TH6	Thermistor<Outdoor 2-Phase Pipe>
TH7	Thermistor<Outdoor>
TH8	Thermistor<Heat Sink>
TH34	Thermistor<Comp. Surface>
LEV-A, LEV-B, LEV-C	Linear Expansion Valve
ACL	Reactor
CY1~4	Capacitor

SYMBOL	NAME
P.B.	Power Circuit Board
TABR/S	Connection Terminal<L/N-Phase>
TABU/V/W	Connection Terminal<U/V/W-Phase>
IPM	Power Module
PFC	Converter
CB1~CB3	Main Smoothing Capacitor
N.F.	Noise Filter Circuit Board
LI/LO	Connection Terminal<L-Phase>
NI/NO	Connection Terminal<N-Phase>
EI,E2,E3	Connection Terminal<Ground>
52C	52C Relay
C.B.	Controller Circuit Board
SW1	Switch<Forced Defrost, Defect History Record Reset, Refrigerant Address>
SW4	Switch<Test Operation>
SW5	Switch<Function Switch, Model Select>
SW6	Switch<Model Select>

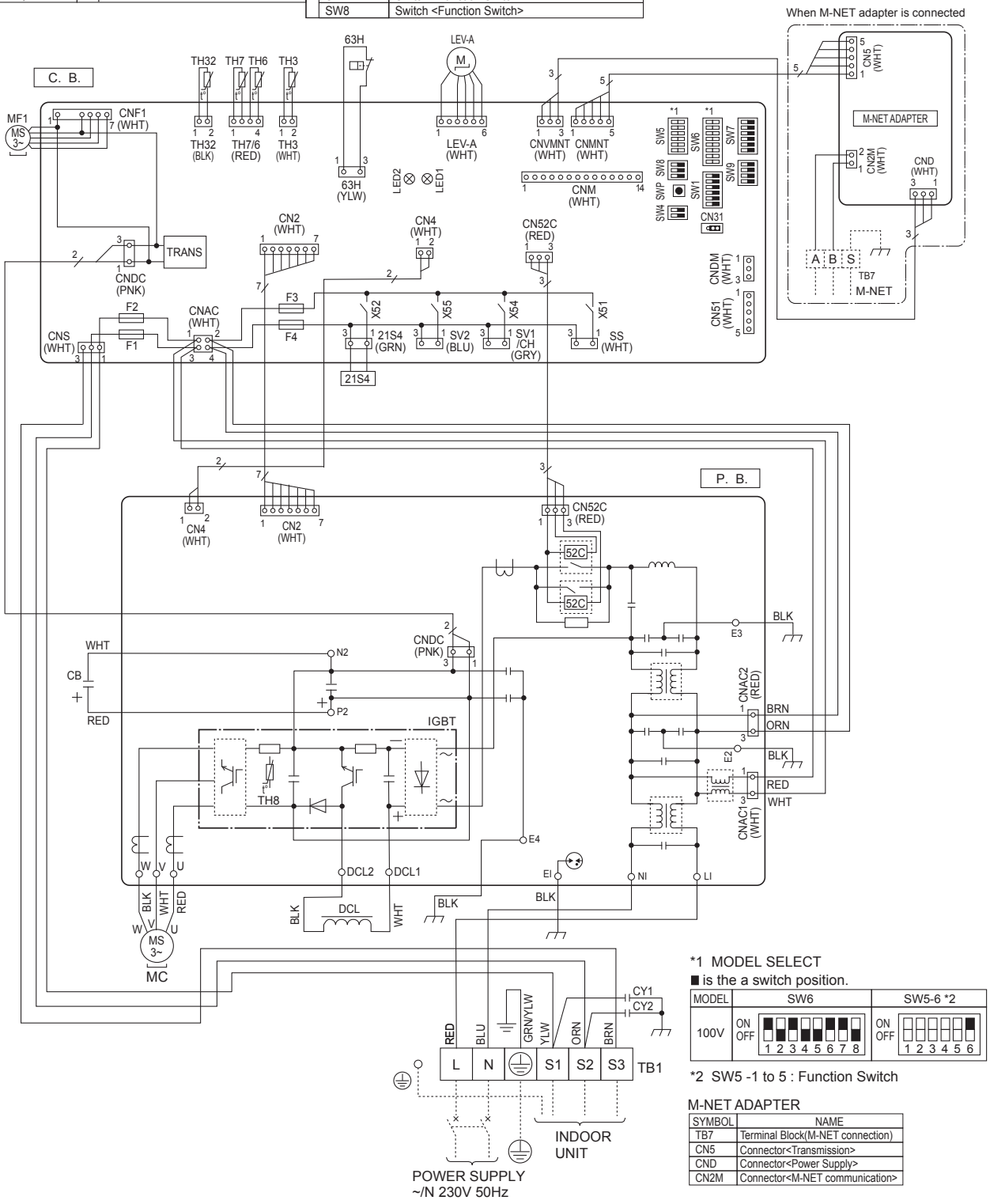
SYMBOL	NAME
SW7	Switch<Function Switch, Model Select>
SW8	Switch<Function Switch>
SW9	Switch<Function Switch>
LED1,LED2	LED <Operation Inspection Indicators>
F1~4	Fuse<T6.3AL250V>
SWP	Switch<Pump Down>
CN31	Connector<Emergency Operation>
CN51	Connector<Connection for Option>
CNM	Connector<A-Control Service Inspection Kit>
CNDM	Connector < Connected for Option (Contact Input)>
X51,X52,X54,X55	Relay

4. PUHZ-P·HA
PUHZ-P100VHA4

SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>
MC	Motor for Compressor
MF1	Fan Motor
21S4	Solenoid Valve (Four-Way Valve)
63H	High Pressure Switch
TH3	Thermistor <Liquid>
TH6	Thermistor <2-Phase Pipe>
TH7	Thermistor <Ambient>
TH8	Thermistor (internal) <Heat Sink>
TH32	Thermistor <Comp. Surface>
LEV-A	Linear Expansion Valve
DCL	Reactor
CB	Main Smoothing Capacitor
CY1, CY2	Capacitor

SYMBOL	NAME
P.B.	Power Circuit Board
U/V/W	Connection Terminal <U/V/W-Phase>
LI	Connection Terminal <L-Phase>
NI	Connection Terminal <N-Phase>
DCL1, DCL2	Connection Terminal <Reactor>
IGBT	Power Module
EI, E2, E3, E4	Connection Terminal <Ground>
C.B.	Controller Circuit Board
SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>
SW4	Switch <Test Operation>
SW5	Switch <Function Switch, Model Select>
SW6	Switch <Model Select>
SW7	Switch <Function Switch>
SW8	Switch <Function Switch>

SYMBOL	NAME
SW9	Switch <Function Switch>
SWP	Switch <Pump Down>
CN31	Connector <Emergency Operation>
SS	Connector <Connection for Option>
CNDM	Connector <Connection for Option>
CNM	Connector <Connection for Option>
LED1, LED2	LED <Operation Inspection Indicators>
F1, F2, F3, F4	Fuse <T6.3AL250V>
X51, X52, X54, X55	Relay

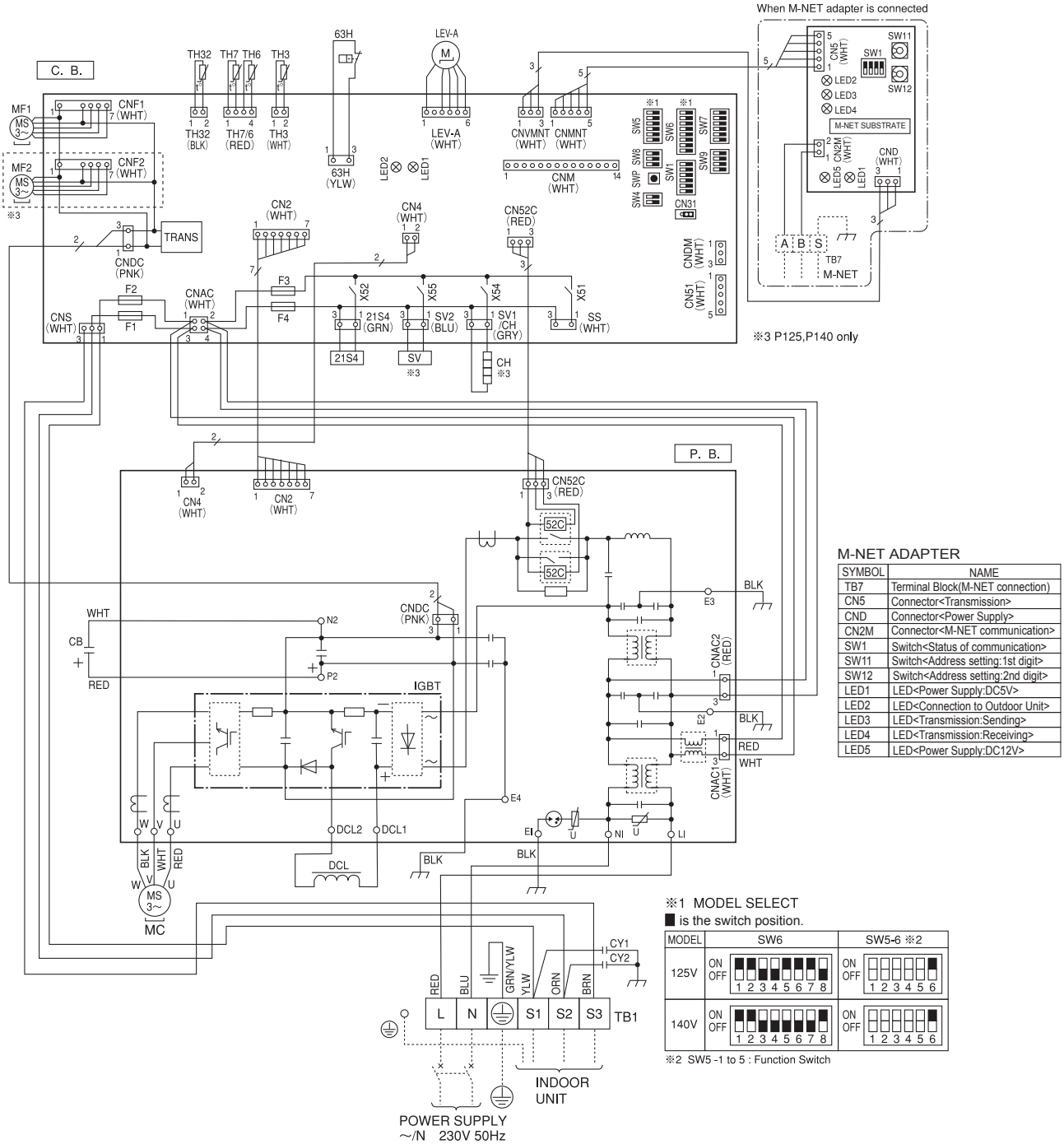


MODEL	SW6	SW5-6 *2
100V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

SYMBOL	NAME
TB7	Terminal Block(M-NET connection)
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>

PUHZ-P125VHA3 PUHZ-P140VHA3

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block 〈Power Supply, Indoor/Outdoor〉	P.B.	Power Circuit Board	SW9	Switch 〈Function Switch〉
MC	Motor for Compressor	U/V/W	Connection Terminal 〈U/V/W-Phase〉	SWP	Switch 〈Pump Down〉
MF1, MF2	Fan Motor	LI	Connection Terminal 〈L-Phase〉	CN31	Connector 〈Emergency Operation〉
21S4	Solenoid Valve (Four-Way Valve)	NI	Connection Terminal 〈N-Phase〉	SS	Connector 〈Connection for Option〉
SV	Solenoid Valve (Bypass Valve)	DCL1,DCL2	Connection Terminal 〈Reactor〉	CNDM	Connector 〈 Connection for Option (Contact Input)〉
CH	Crankcase Heater	IGBT	Power Module		
63H	High Pressure Switch	EI,E2,E3,E4	Connection Terminal 〈Ground〉	CNM	Connector 〈A-Control Service Inspection Kit〉
TH3	Thermistor 〈Outdoor Pipe〉	C.B.	Controller Circuit Board	LED1, LED2	LED 〈Operation Inspection Indicators〉
TH6	Thermistor 〈Outdoor 2-Phase Pipe〉	SW1	Switch 〈Manual Defrost, Defect History Record Reset, Refrigerant Address〉	F1,F2,F3,F4	Fuse 〈 T6.3AL250V〉
TH7	Thermistor 〈Ambient〉			X51,X52,X54,X55	Relay
TH32	Thermistor 〈Comp. Surface〉	SW4	Switch 〈Test Operation〉		
LEV-A	Electronic Expansion Valve	SW5	Switch 〈Function Switch, Model Select〉		
DCL	Reactor	SW6	Switch 〈Model Select〉		
CB	Main Smoothing Capacitor	SW7	Switch 〈Function Switch〉		
CY1,CY2	Capacitor	SW8	Switch 〈Function Switch〉		

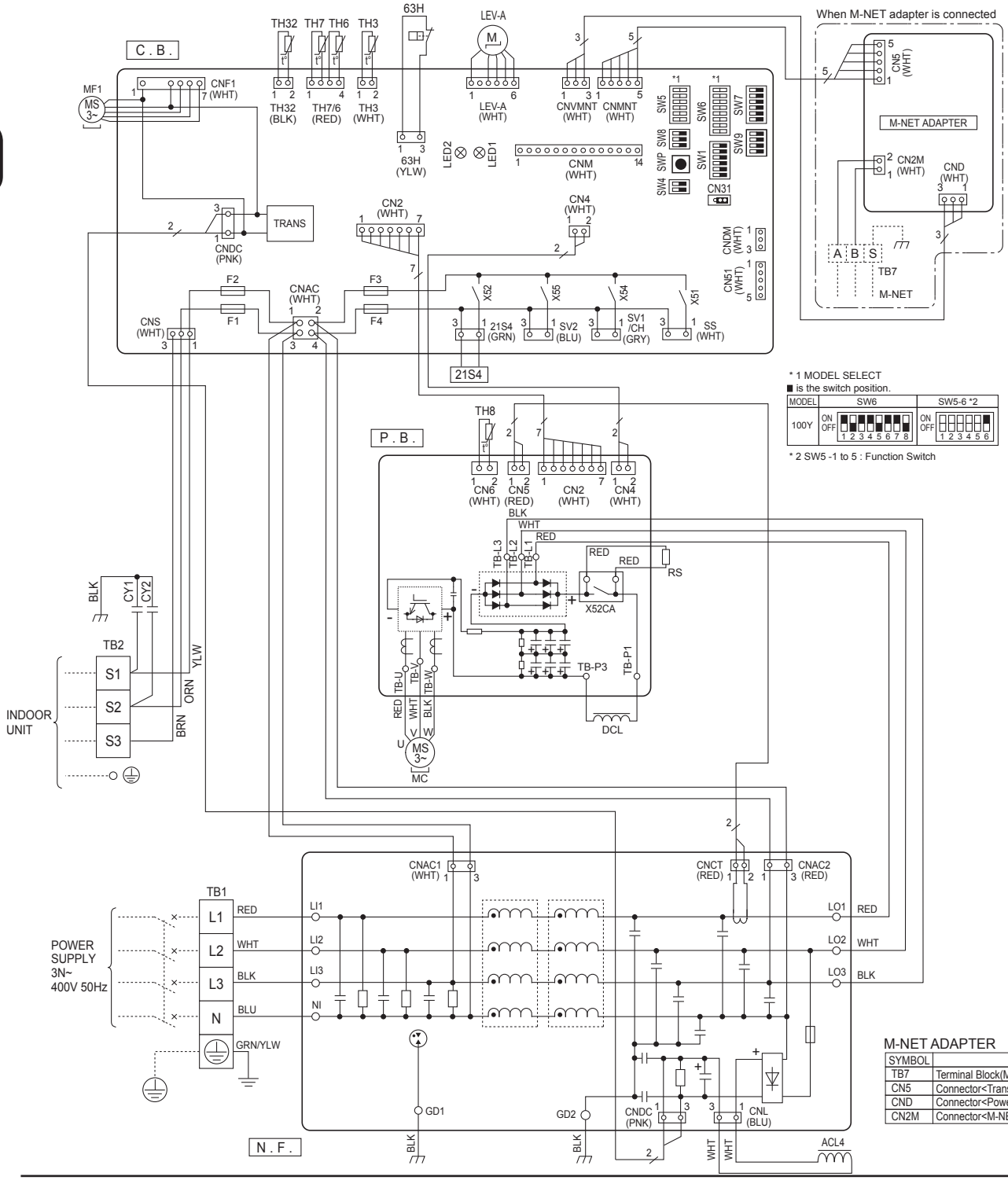


SYMBOL	NAME
TB7	Terminal Block(M-NET connection)
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>
SW1	Switch<Status of communication>
SW11	Switch<Address setting:1st digit>
SW12	Switch<Address setting:2nd digit>
LED1	LED<Power Supply:DC5V>
LED2	LED<Connection to Outdoor Unit>
LED3	LED<Transmission:Sending>
LED4	LED<Transmission:Receiving>
LED5	LED<Power Supply:DC12V>

MODEL	SW6	SW5-6 ※2
125V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
140V	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

PUHZ-P100YHA2

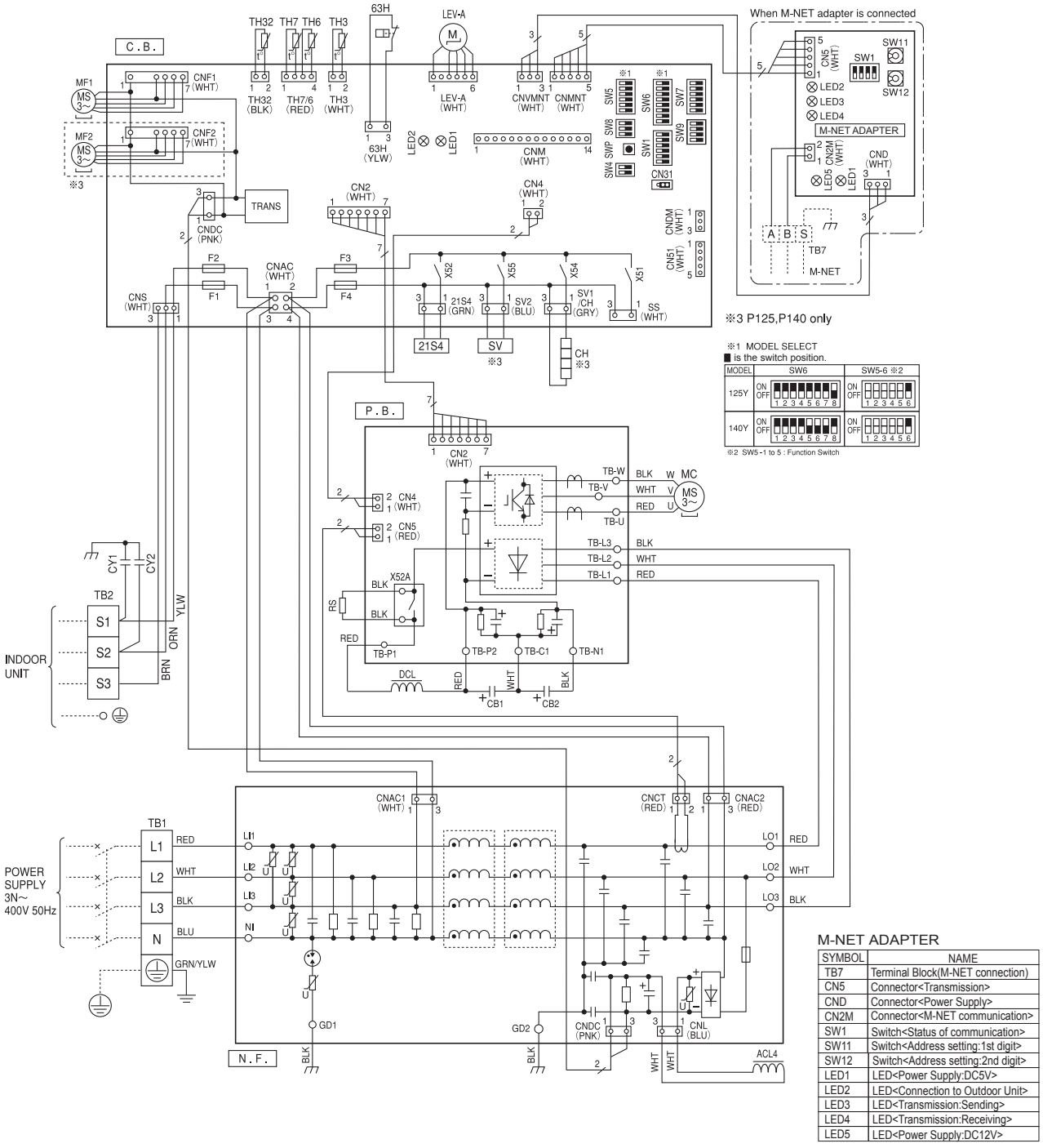
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	RS	Rush Current Protect Resistor	SW4	Switch <Test Operation>
TB2	Terminal Block <Indoor/Outdoor>	CY1, CY2	Capacitor	SW5	Switch <Function Switch, Model Select>
MC	Motor for Compressor	P.B.	Power Circuit Board	SW6	Switch <Model Select>
MF1	Fan Motor	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SW7	Switch <Function Switch>
21S4	Solenoid Valve (Four-Way Valve)	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	SW8	Switch <Function Switch>
63H	Hign Pressure Switch	TB-P1/P3	Connection Terminal	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	X52CA	52C Relay	SWP	Switch <Pump Down>
TH6	Thermistor <2-Phase Pipe>	N.F.	Noise Filter Circuit Board	CN31	Connector <Emergency Operation>
TH7	Thermistor <Ambient>	LI1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SS	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	CNDM	Connector <Connection for Option>
TH32	Thermistor <Comp. Surface>	GD1, GD2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
LEV-A	Linear Expansion Valve	C.B.	Controller Circuit Board	LED1, LED2	LED <Operation Inspection Indicators>
DCL	Reactor	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	F1, F2, F3, F4	Fuse <T6.3AL250V>
ACL4	Reactor			X51, X52, X54, X55	Relay



PUHZ-P125YHA PUHZ-P140YHA

SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block〈Power Supply〉	CY1,CY2	Capacitor
TB2	Terminal Block〈Indoor/Outdoor〉	P.B.	Power Circuit Board
MC	Motor for Compressor	TB-U/V/W	Connection Terminal〈U/V/W-Phase〉
MF1, MF2	Fan Motor	TB-L1/L2/L3	Connection Terminal〈L1/L2/L3-Power Supply〉
21S4	Solenoid Valve (Four-Way Valve)	TB-P1	Connection Terminal
SV	Solenoid Valve (Bypass Valve)	TB-P2	Connection Terminal
CH	Crankcase Heater	TB-C1	Connection Terminal
63H	High Pressure Switch	TB-N1	Connection Terminal
TH3	Thermistor〈Outdoor Pipe〉	X52A	52C Relay
TH6	Thermistor〈Outdoor 2-Phase Pipe〉	N.F.	Noise Filter Circuit Board
TH7	Thermistor〈Ambient〉	LI1/LI2/LI3/NI	Connection Terminal〈L1/L2/L3/N-Power Supply〉
TH32	Thermistor〈Comp. Surface〉	LO1/LO2/LO3	Connection Terminal〈L1/L2/L3/N-Power Supply〉
LEV-A	Electronic Expansion Valve	GD1, GD2	Connection Terminal〈Ground〉
ACL4	Reactor	C.B.	Controller Circuit Board
DCL	Reactor	SW1	Switch〈Manual Defrost, Defect History Record Reset, Refrigerant Address〉
CB1, CB2	Main Smoothing Capacitor		
RS	Rush Current Protect Resistor	SW4	Switch〈Test Operation〉

SYMBOL	NAME
SW5	Switch〈Function Switch, Model Select〉
SW6	Switch〈Model Select〉
SW7	Switch〈Function Switch〉
SW8	Switch〈Function Switch〉
SW9	Switch〈Function Switch〉
SWP	Switch〈Pump Down〉
CN31	Connector〈Emergency Operation〉
SS	Connector〈Connection for Option〉
CNDM	Connector 〈Connection for Option(Contact Input)〉
CNM	Connector〈A-Control Service Inspection Kit〉
LED1,LED2	LED〈Operatiion Inspection Indicators〉
F1,F2,F3,F4	FUSE〈T6.3AL250V〉
X51,X52,X54,X55	Relay

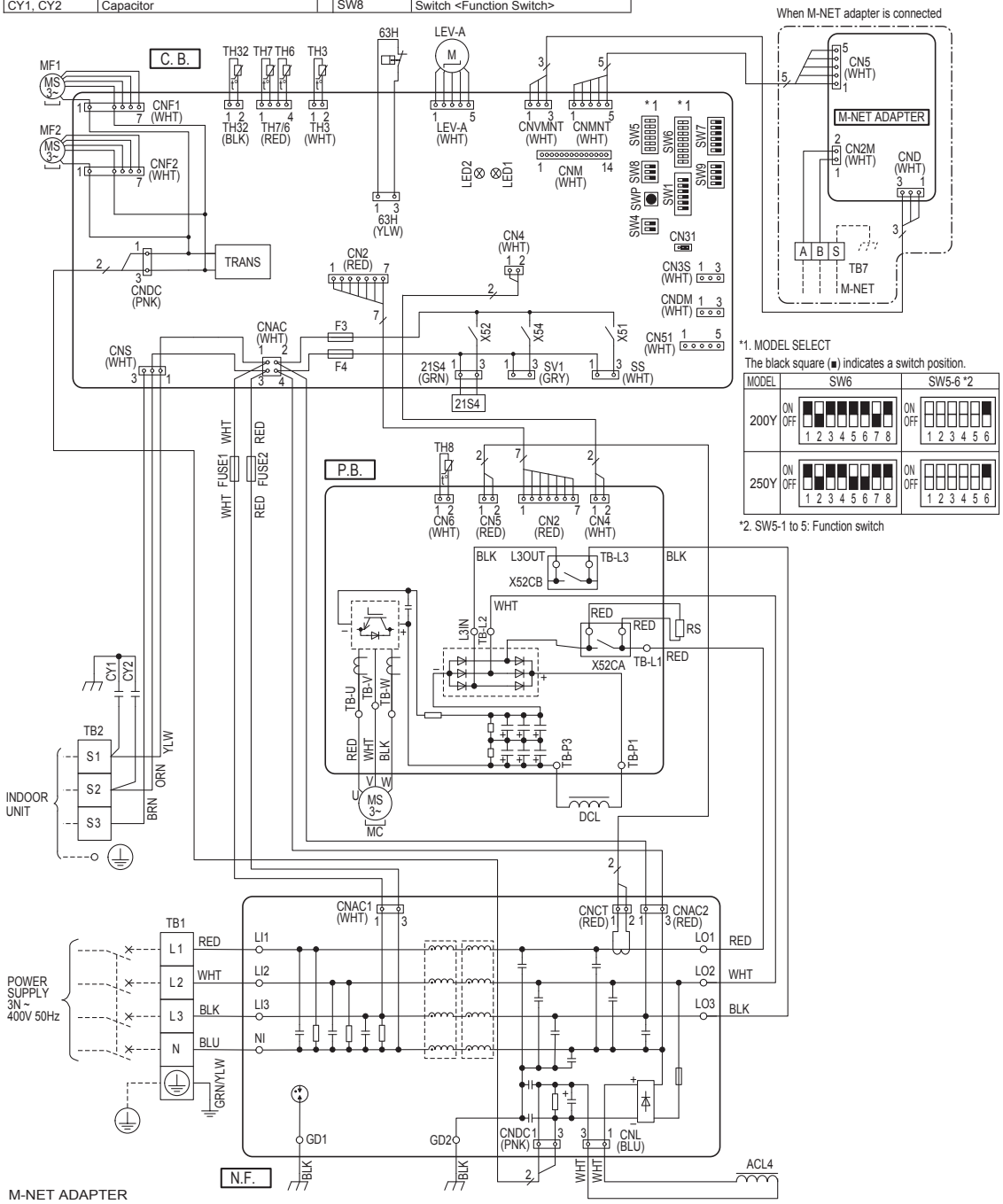


MODEL	SW6	SW5-6 ※2
125Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6
140Y	ON OFF 1 2 3 4 5 6 7 8	ON OFF 1 2 3 4 5 6

SYMBOL	NAME
TB7	Terminal Block(M-NET connection)
CN5	Connector<Transmission>
CND	Connector<Power Supply>
CN2M	Connector<M-NET communication>
SW1	Switch<Status of communication>
SW11	Switch<Address setting:1st digit>
SW12	Switch<Address setting:2nd digit>
LED1	LED<Power Supply:DC5V>
LED2	LED<Connection to Outdoor Unit>
LED3	LED<Transmission:Sending>
LED4	LED<Transmission:Receiving>
LED5	LED<Power Supply:DC12V>

PUHZ-P200YKA PUHZ-P250YKA

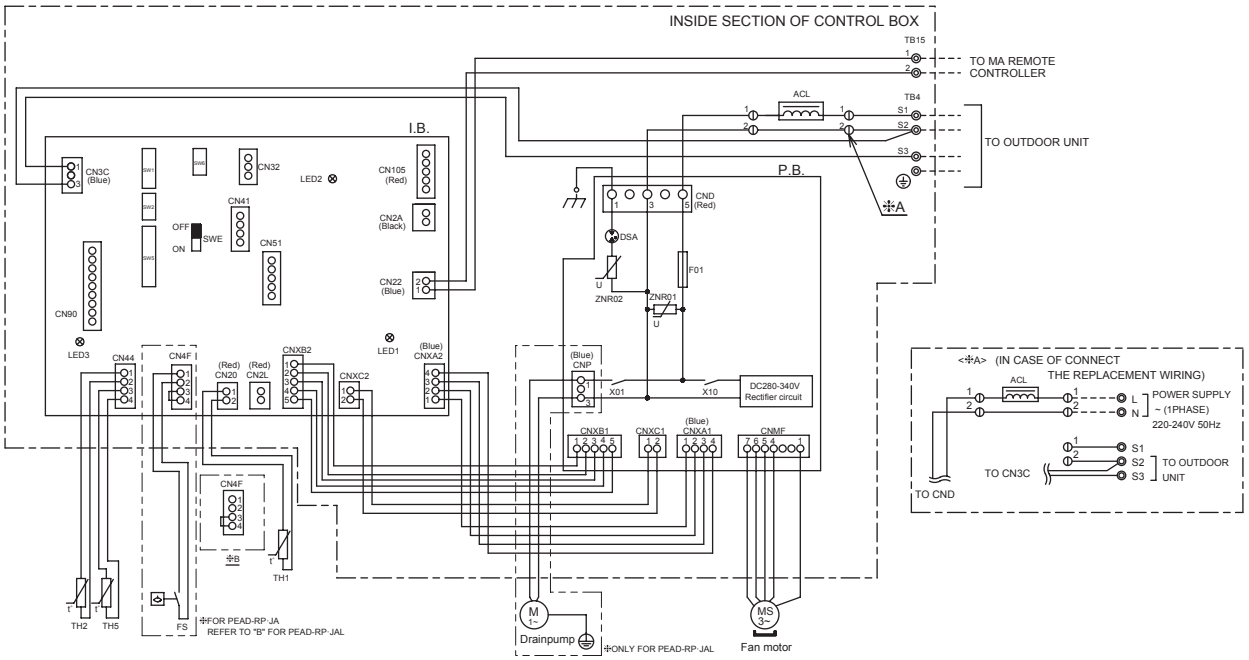
SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	P.B.	Power Circuit Board	SW9	Switch <Function Switch>
TB2	Terminal Block <Indoor/Outdoor>	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SWP	Switch <Pump Down>
MC	Motor for Compressor	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	CN31	Connector <Emergency Operation>
MF1, MF2	Fan Motor	TB-P1/P3	Connection Terminal	CN3S	Connector <Connection for Option>
21S4	Solenoid Valve (Four-Way Valve)	X52CA/B	52C Relay	CNDM	Connector <Connection for Option>
63H	High Pressure Switch	N.F.	Noise Filter Circuit Board	CN51	Connector <Connection for Option>
TH3	Thermistor <Liquid>	LI1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SV1	Connector <Connection for Option>
TH6	Thermistor <2-Phase Pipe>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	SS	Connector <Connection for Option>
TH7	Thermistor <Ambient>	GD1, GD2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	C.B.	Controller Circuit Board	CNMNT	Connector <Connect to Optional M-NET Adapter Board>
TH32	Thermistor <Comp. Surface>	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	CNVMNT	Connector <Connect to Optional M-NET Adapter Board>
LEV-A	Linear Expansion Valve	SW4	Switch <Test Operation>	LED1, LED2	LED <Operation Inspection Indicators>
ACL4	Reactor	SW5	Switch <Function Switch, Model Select>	F3, F4	Fuse <T6.3AL250V>
DCL	Reactor	SW6	Switch <Model Select>	X51, X52, X54	Relay
RS	Rush Current Protect Resistor	SW7	Switch <Function Switch>		
FUSE1, FUSE2	Fuse <T15AL250V>	SW8	Switch <Function Switch>		
CY1, CY2	Capacitor				



M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

5. SUZ-SA•VA
SUZ-SA71VA2

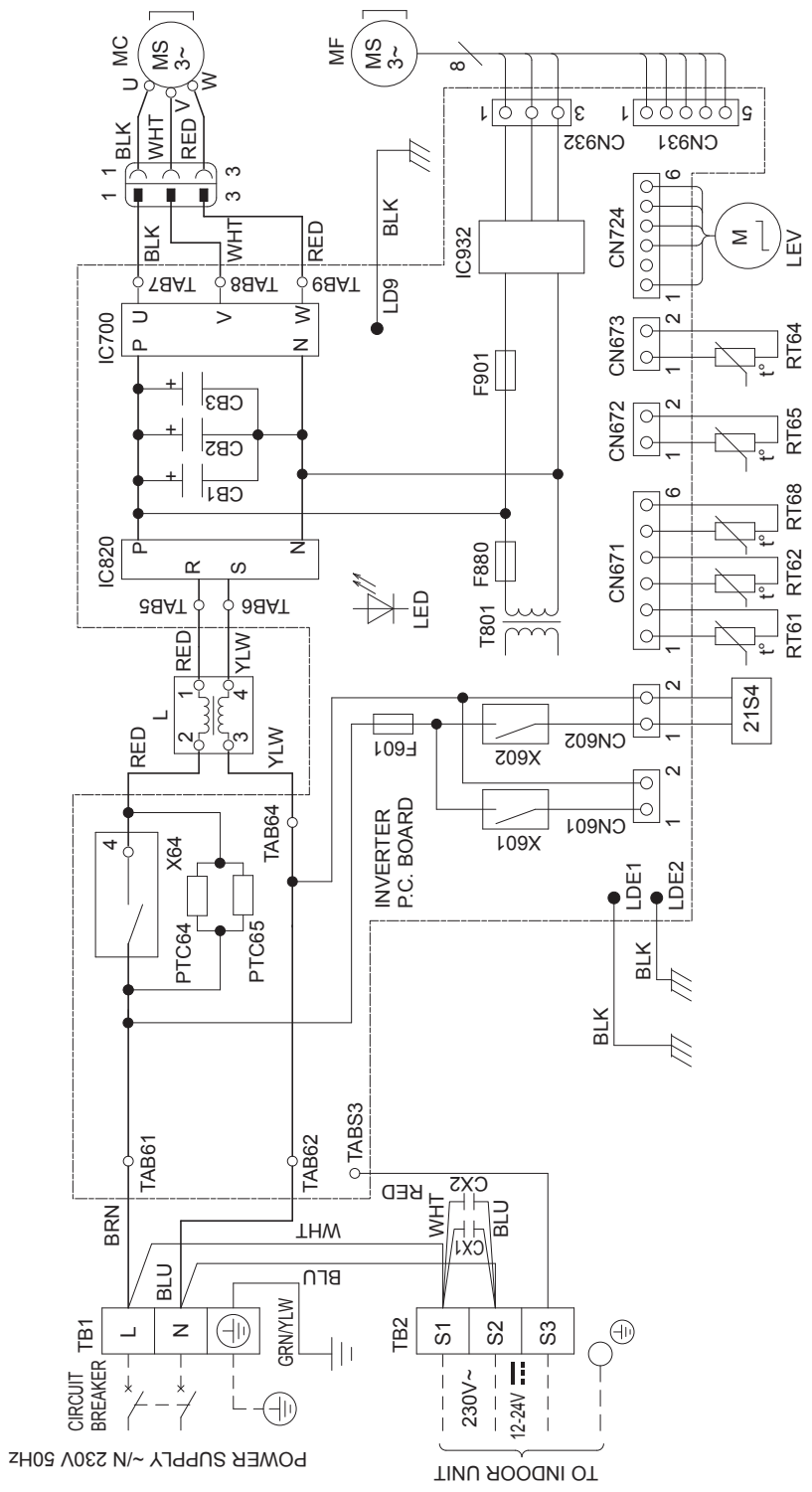


SYMBOL EXPLANATION

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
I.B.	Indoor controller board	I.B.	Indoor controller board	TH1	Intake air temp. Thermistor
CN2A	Connector (0-10V Analog input)	SW1	Switch (for mode selection)	TH2	Pipe temp. Thermistor/liquid
CN2L	Connector (Lossnay)	SW2	Switch (for capacity code)	TH5	Cond./eva.temp. Thermistor
CN32	Connector (Remote switch)	SW5	Switch (for model selection)	ACL	AC reactor(Power factor improvement)
CN41	Connector (HA terminal-A)	SW6	Switch (for model selection)	FS	Float switch
CN51	Connector (Centrally control)	SWE	Connector (emergency operation)	TB4	Terminal block (Indoor/outdoor connecting line)
CN90	Connector (Wireless)	P.B.	Power supply board		
CN105	Connector (IT terminal)	F01	Fuse AC250V 6.3A	TB15	Terminal block (Remote controller transmission line)
LED1	LED(Power supply)	ZNR01,02	Varistor		
LED2	LED(Remote controller power supply)	DSA	Arrester		
LED3	LED(Transmission indoor-outdoor)	X01	Aux. relay		
		X10	Aux. relay		

NOTE:1.Since the outdoor side electric wiring may change, be sure to check the outdoor unit electric wiring for servicing.
2.Indoor and outdoor connecting wires are made with polarities,make wiring matching terminal numbers(S1,S2,S3).
3.Symbols used in wiring diagram above are, ◎ terminal block, ⏀ connector.

SUZ-SA100VA



SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
CB1~3	SMOOTHING CAPACITOR	IC932	IGBT Module	PTC65	CIRCUIT PROTECTION	TB1,TB2	TERMINAL BLOCK
CX1,CX2	CAPACITOR	L	REACTOR	RT61	DEFROST THERMISTOR	T801	TRANSFORMER
F601	FUSE(T3.15AL250V)	LED	LED	RT62	DISCHARGE TEMP.THERMISTOR	X601	RELAY
F880	FUSE(T3.15AL250V)	LEV	EXPANSION VALVE COIL	RT64	FIN TEMP.THERMISTOR	X602	RELAY
F901	FUSE(T3.15AL250V)	MC	COMPRESSOR	RT65	AMBIENT TEMP.THERMISTOR	X64	RELAY
IC700	IGBT Module	MF	FAN MOTOR	RT68	OUTDOOR HEAT EXCHANGER TEMP.THERMISTOR	21S4	REVERSING VALVE SOLENOID COIL
IC820	DIODE Module	PTC64	CIRCUIT PROTECTION				

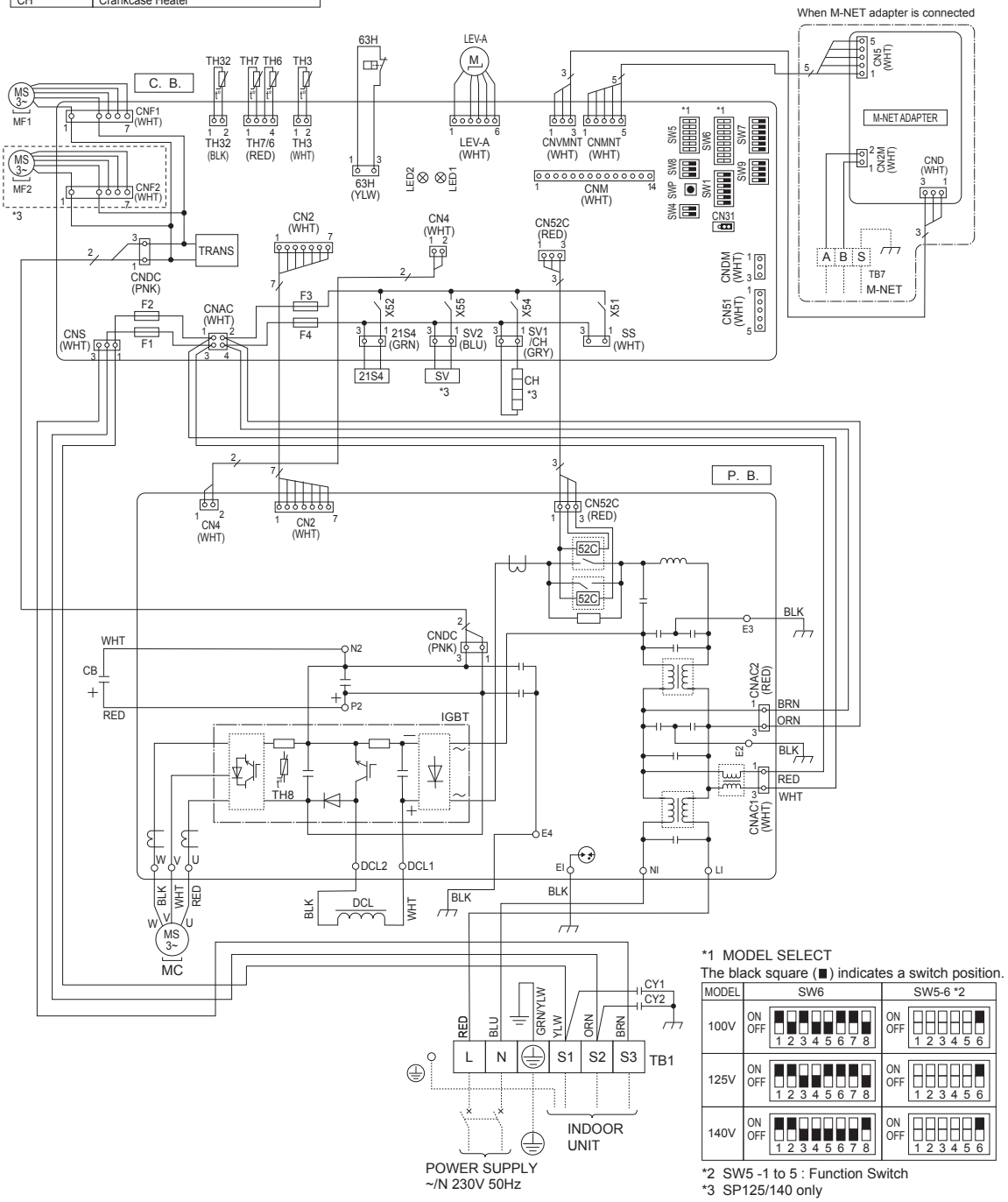
NOTES 1.About the indoor side electric wiring, refer to the indoor unit electric wiring diagram for servicing.
2.Use copper conductors only(for field wiring). 3.Symbols indicate, □□ : Terminal block

6. PUHZ-SP•HA
PUHZ-SP100VHA
PUHZ-SP125VHA
PUHZ-SP140VHA

SYMBOL	NAME
TB1	Terminal Block <Power Supply, Indoor/Outdoor>
MC	Motor for Compressor
MF1, MF2	Fan Motor
21S4	Solenoid Valve (Four-Way Valve)
63H	High Pressure Switch
TH3	Thermistor <Liquid>
TH6	Thermistor <2-Phase Pipe>
TH7	Thermistor <Ambient>
TH8	Thermistor (internal) <Heat Sink>
TH32	Thermistor <Comp. Surface>
LEV-A	Linear Expansion Valve
DCL	Reactor
CB	Main Smoothing Capacitor
CY1, CY2	Capacitor
SV	Solenoid Valve (Bypass Valve)
CH	Crankcase Heater

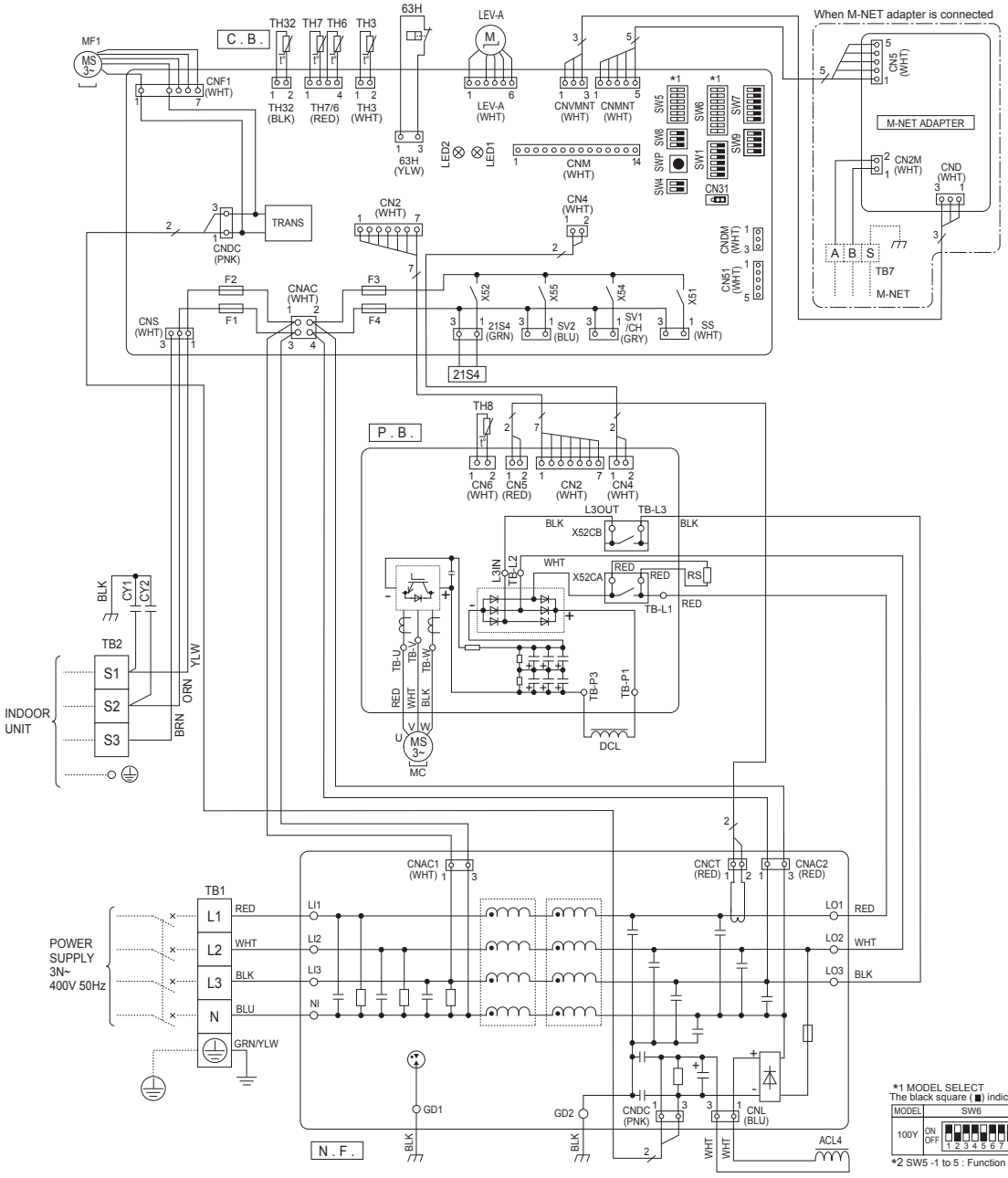
SYMBOL	NAME
P.B.	Power Circuit Board
U/V/W	Connection Terminal <U/V/W-Phase>
LI	Connection Terminal <L-Phase>
NI	Connection Terminal <N-Phase>
DCL1, DCL2	Connection Terminal <Reactor>
IGBT	Power Module
EI, E2, E3, E4	Connection Terminal <Ground>
C.B.	Controller Circuit Board
SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>
SW4	Switch <Test Operation>
SW5	Switch <Function Switch, Model Select>
SW6	Switch <Model Select>
SW7	Switch <Function Switch>
SW8	Switch <Function Switch>

SYMBOL	NAME
SW9	Switch <Function Switch>
SWP	Switch <Pump Down>
CN31	Connector <Emergency Operation>
SS	Connector <Connection for Option>
CNDM	Connector <Connection for Option>
CNM	Connector <Connection for Option>
LED1, LED2	LED <Operation Inspection Indicators>
F1, F2, F3, F4	Fuse <T6.3AL250V>
X51, X52, X54, X55	Relay



PUHZ-SP100YHA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block <Power Supply>	RS	Rush Current Protect Resistor	SW4	Switch <Test Operation>
TB2	Terminal Block <Indoor/Outdoor>	CY1, CY2	Capacitor	SW5	Switch <Function Switch, Model Select>
MC	Motor for Compressor	P.B.	Power Circuit Board	SW6	Switch <Model Select>
MF1	Fan Motor	TB-U/V/W	Connection Terminal <U/V/W-Phase>	SW7	Switch <Function Switch>
21S4	Solenoid Valve (Four-Way Valve)	TB-L1/L2/L3	Connection Terminal <L1/L2/L3-Power Supply>	SW8	Switch <Function Switch>
63H	High Pressure Switch	TB-P1/P3	Connection Terminal	SW9	Switch <Function Switch>
TH3	Thermistor <Liquid>	X52CA/B	52C Relay	SWP	Switch <Pump Down>
TH6	Thermistor <2-Phase Pipe>	N.F.	Noise Filter Circuit Board	CN31	Connector <Emergency Operation>
TH7	Thermistor <Ambient>	LI1/LI2/LI3/NI	Connection Terminal <L1/L2/L3/N-Power Supply>	SS	Connector <Connection for Option>
TH8	Thermistor <Heat Sink>	LO1/LO2/LO3	Connection Terminal <L1/L2/L3-Power Supply>	CNDM	Connector <Connection for Option>
TH32	Thermistor <Comp. Surface>	GD1, GD2	Connection Terminal <Ground>	CNM	Connector <Connection for Option>
LEV-A	Linear Expansion Valve	C.B.	Controller Circuit Board	LED1, LED2	LED <Operation Inspection Indicators>
DCL	Reactor	SW1	Switch <Manual Defrost, Defect History, Record Reset, Refrigerant Address>	F1, F2, F3, F4	Fuse <T6.3AL250V>
ACL4	Reactor			X51, X52, X54, X55	Relay

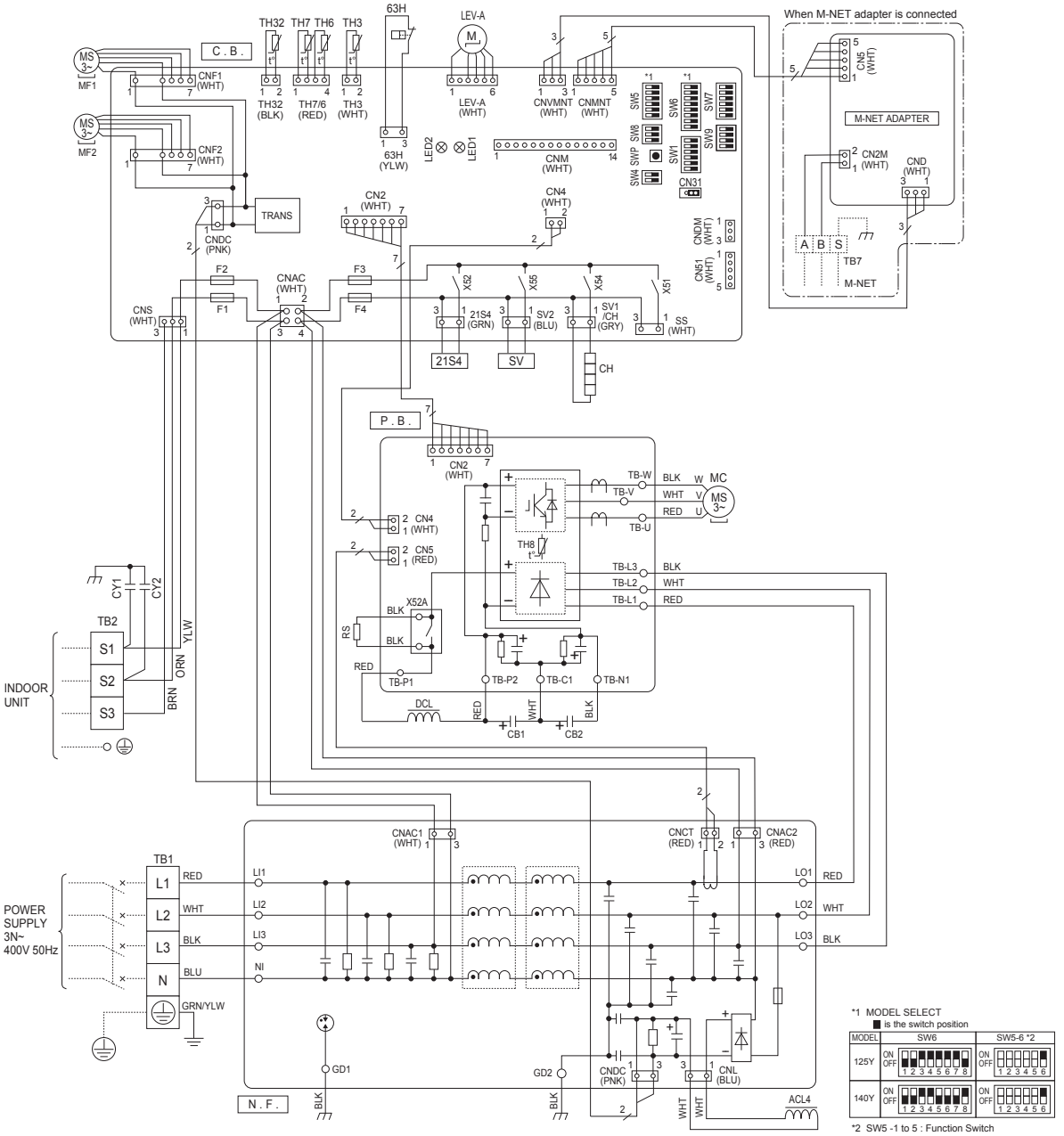


M-NET ADAPTER

SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

PUHZ-SP125YHA
PUHZ-SP140YHA

SYMBOL	NAME	SYMBOL	NAME	SYMBOL	NAME
TB1	Terminal Block<Power Supply >	CY1,CY2	Capacitor	SW5	Switch<Function Switch, Model Select>
TB2	Terminal Block<Indoor/Outdoor >	P.B.	Power Circuit Board	SW6	Switch<Model Select>
MC	Motor for Compressor	TB-U/V/W	Connection Terminal<U/V/W-Phase>	SW7	Switch<Function Switch>
MF1, MF2	Fan Motor	TB-L1/L2/L3	Connection Terminal<L1/L2/L3-Power Supply>	SW8	Switch<Function Switch>
21S4	Solenoid Valve (Four-Way Valve)	TB-P1	Connection Terminal	SW9	Switch<Function Switch>
SV	Solenoid Valve (Bypass Valve)	TB-P2	Connection Terminal	SWP	Switch<Pump Down>
CH	Crankcase Heater	TB-C1	Connection Terminal	CN31	Connector<Emergency Operation>
63H	High Pressure Switch	TB-N1	Connection Terminal	SS	Connector<Connection for Option>
TH3	Thermistor<Liquid>	X52A	52C Relay	CNDM	Connector<Connection for Option>
TH6	Thermistor<2-Phase Pipe>	N.F.	Noise Filter Circuit Board	CNM	Connector<Connection for Option>
TH7	Thermistor<Ambient>	LI1/LI2/LI3/NI	Connection Terminal<L1/L2/L3/N-Power Supply>	LED1,LED2	LED<Operatiion Inspection Indicators>
TH8	Thermistor (internal) <Heat Sink>	LO1/LO2/LO3	Connection Terminal<L1/L2/L3/N-Power Supply>	F1,F2,F3,F4	FUSE<T6.3AL250V>
TH32	Thermistor<Comp. Surface>	GD1, GD2	Connection Terminal<Ground>	X51,X52,X54,X55	Relay
LEV-A	Electronic Expansion Valve	C.B.	Controller Circuit Board		
ACL4	Reactor	SW1	Switch<Manual Defrost, Defect History, Record Reset, Refrigerant Address>		
DCL	Reactor				
CB1, CB2	Main Smoothing Capacitor	SW4	Switch<Test Operation>		
RS	Rush Current Protect Resistor				



M-NET ADAPTER

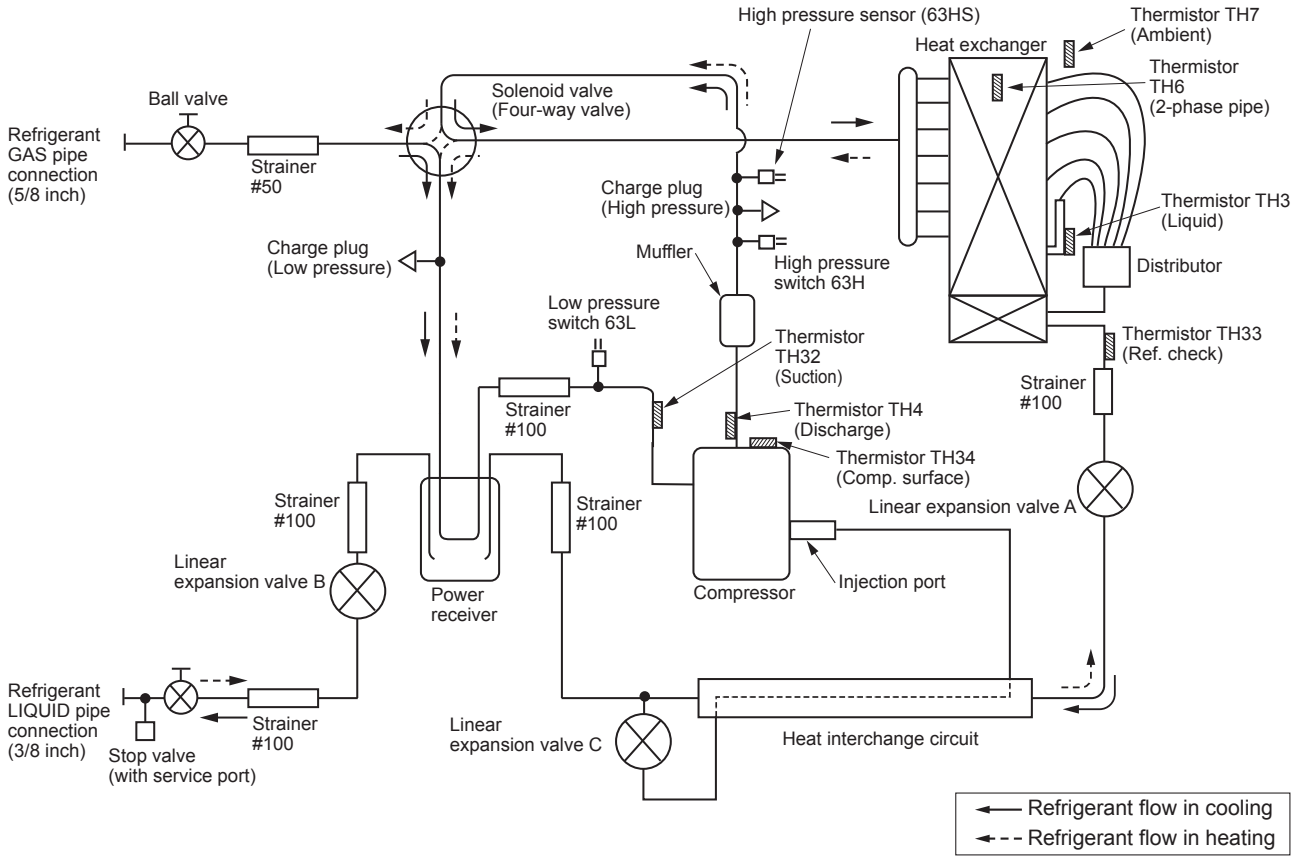
SYMBOL	NAME
TB7	Terminal Block <M-NET connection>
CN5	Connector <Transmission>
CND	Connector <Power Supply>
CN2M	Connector <M-NET communication>

A.8.3 REFRIGERANT SYSTEM DIAGRAM

A.8.3.1 INVERTER MODELS Heat pump type

1. PUHZ-SHW•HA/PUHZ-SHW•KA

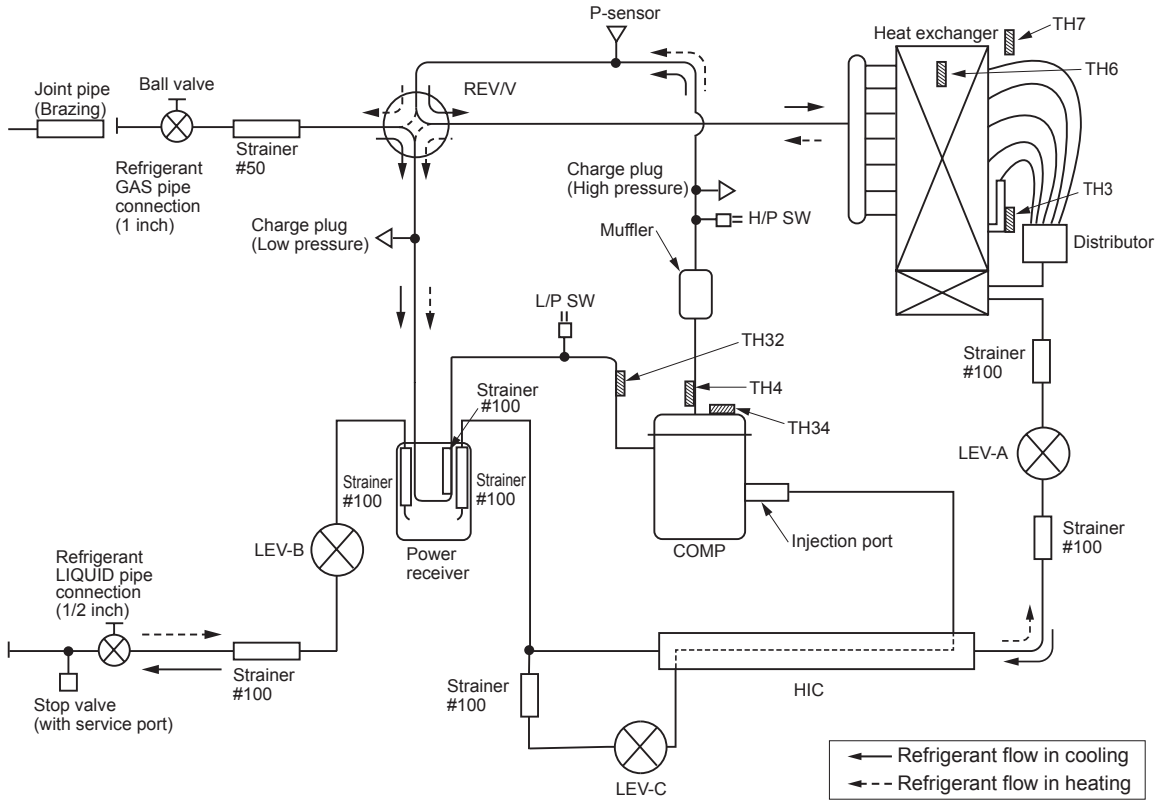
PUHZ-SHW112VHA(-BS)
PUHZ-SHW112YHA(-BS) PUHZ-SHW140YHA(-BS)



Symbol	Part name	Detail
COMP	Compressor	DC inverter scroll compressor (Mitsubishi Electric Corporation)
H/P SW	High pressure switch (63H)	For protection (OFF: 4.15MPa)
L/P SW	Low pressure switch (63L)	For protection (OFF: -0.03MPa)
REV/V	Reversing (4-way) valve (21S4)	Change the refrigerant circuit (Heating / Cooling) and for Defrosting
Charge plug	Charge plug	High pressure / Low pressure / For production test use
P-Sensor	Pressure sensor (63HS)	For calculation of the condensing temperature from high pressure
LEV-A	Linear expansion valve -A	Heating:Secondary LEV Cooling:Primary LEV
LEV-B	Linear expansion valve -B	Heating:Primary LEV Cooling:Secondary LEV
LEV-C	Linear expansion valve -C	For HIC (heating only)
TH32	Suction temperature thermistor	For LEV control
TH33	Refrigerant leakage detection (Ref. check) thermistor	For refrigerant leakage detection
TH3	Liquid temperature thermistor	Heating:Evaporating temperature Cooling:Sub cool liquid temperature
TH4	Discharge temperature thermistor	For LEV control and for compressor protection
TH6	2-phase pipe temperature thermistor	Outdoor 2-phase pipe temperature
TH7	Ambient temperature thermistor	For fan control and for compressor frequency control
TH34	Comp. surface temperature thermistor	For protection
Power Receiver	Power Receiver	For accumulation of refrigerant
HIC	Heat interchange circuit	For high heating capacity

PUHZ-SHW230YKA2

Unit : mm (inch)

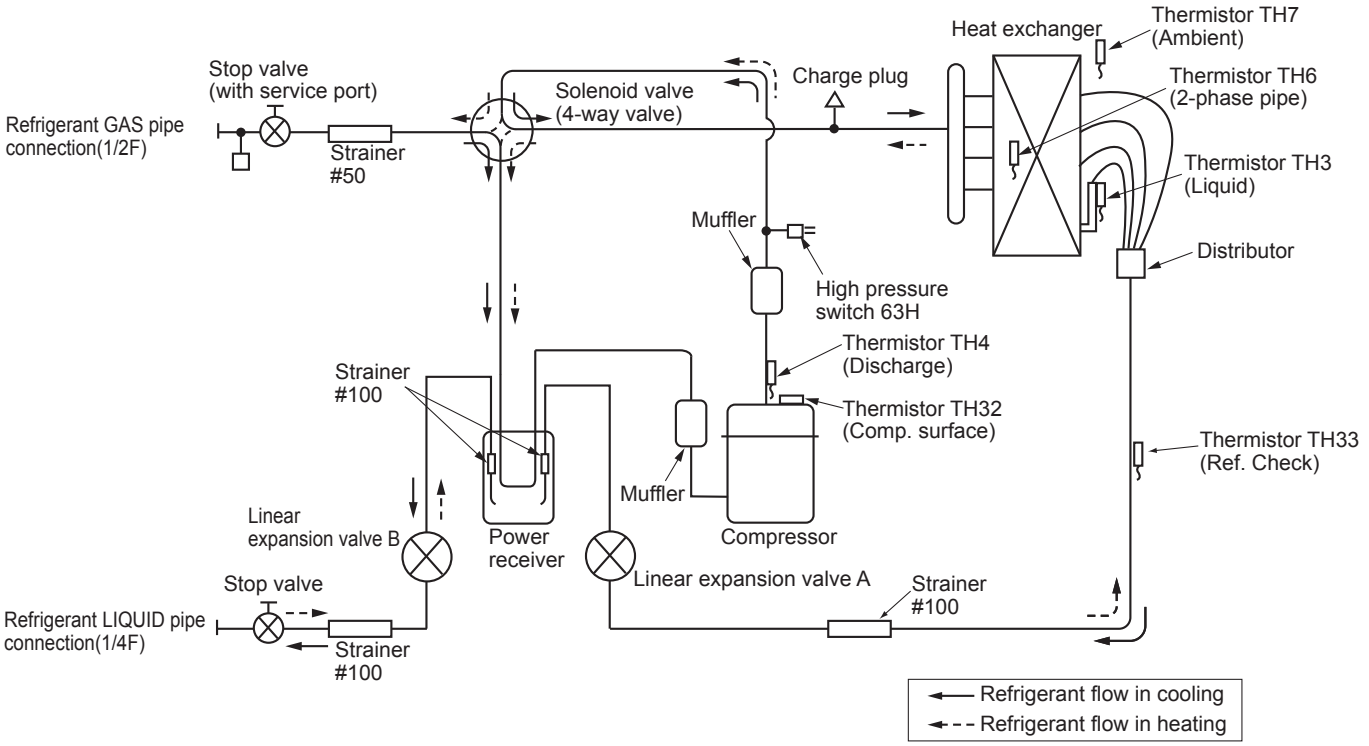


Symbol	Part name	Detail
COMP	Compressor	DC inverter scroll compressor (Mitsubishi Electric Corporation)
H/P SW	High pressure switch (63H)	For protection (OFF: 4.15MPa)
L/P SW	Low pressure switch (63L)	For protection (OFF: -0.03MPa)
REV/V	Reversing (4-way) valve (21S4)	Change the refrigerant circuit (Heating / Cooling) and for Defrosting
Charge plug	Charge plug	High pressure / Low pressure / For production test use
P-Sensor	Pressure sensor (63HS)	For calculation of the condensing temperature from high pressure
LEV-A	Linear expansion valve -A	Heating:Secondary LEV Cooling:Primary LEV
LEV-B	Linear expansion valve -B	Heating:Primary LEV Cooling:Secondary LEV
LEV-C	Linear expansion valve -C	For HIC (heating only)
TH32	Suction temperature thermistor	For LEV control
TH3	Liquid temperature thermistor	Heating:Evaporating temperature Cooling:Sub cool liquid temperature
TH4	Discharge temperature thermistor	For LEV control and for compressor protection
TH6	2-phase pipe temperature thermistor	Outdoor 2-phase pipe temperature
TH7	Ambient temperature thermistor	For fan control and for compressor frequency control
TH34	Comp. surface temperature thermistor	For protection
Power Receiver	Power Receiver	For accumulation of refrigerant
HIC	Heat interchange circuit	For high heating capacity

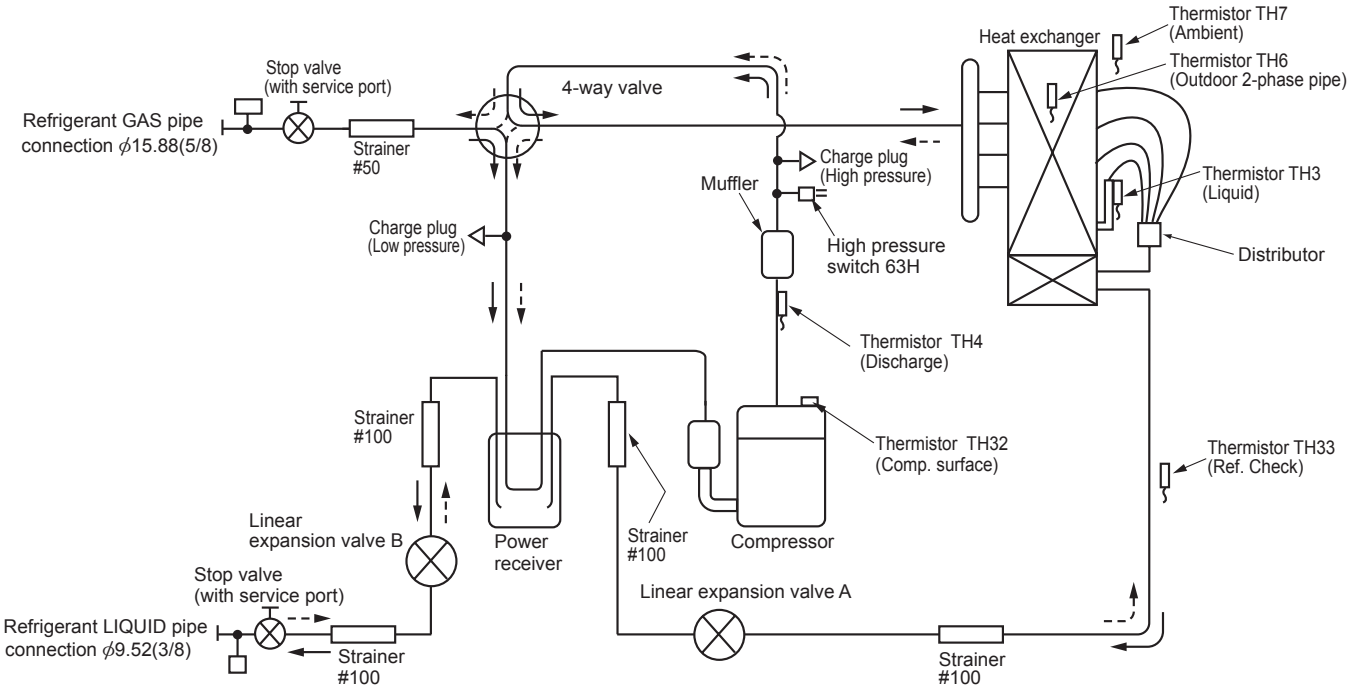
2. PUHZ-ZRP•HA/KA(2)

PUHZ-ZRP35VKA
PUHZ-ZRP50VKA

Unit : mm (inch)

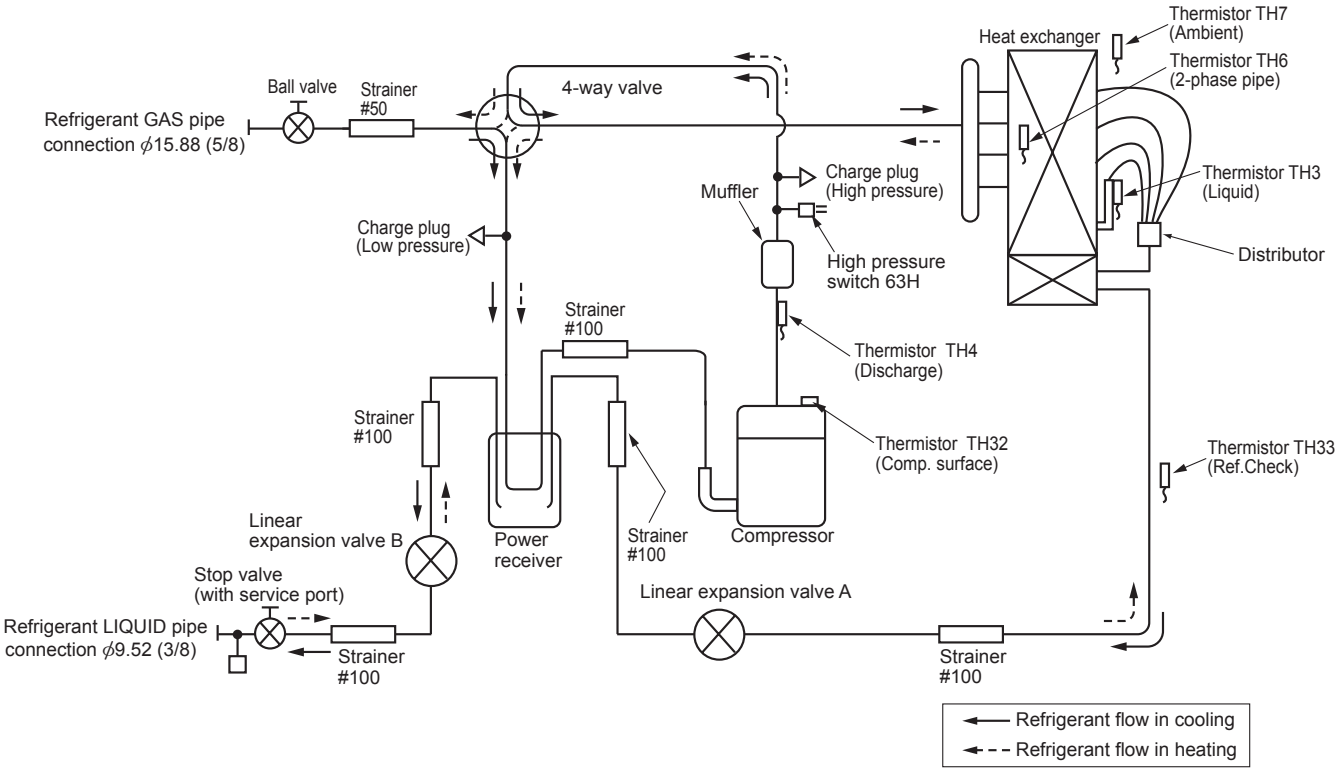


PUHZ-ZRP60VHA PUHZ-ZRP71VHA

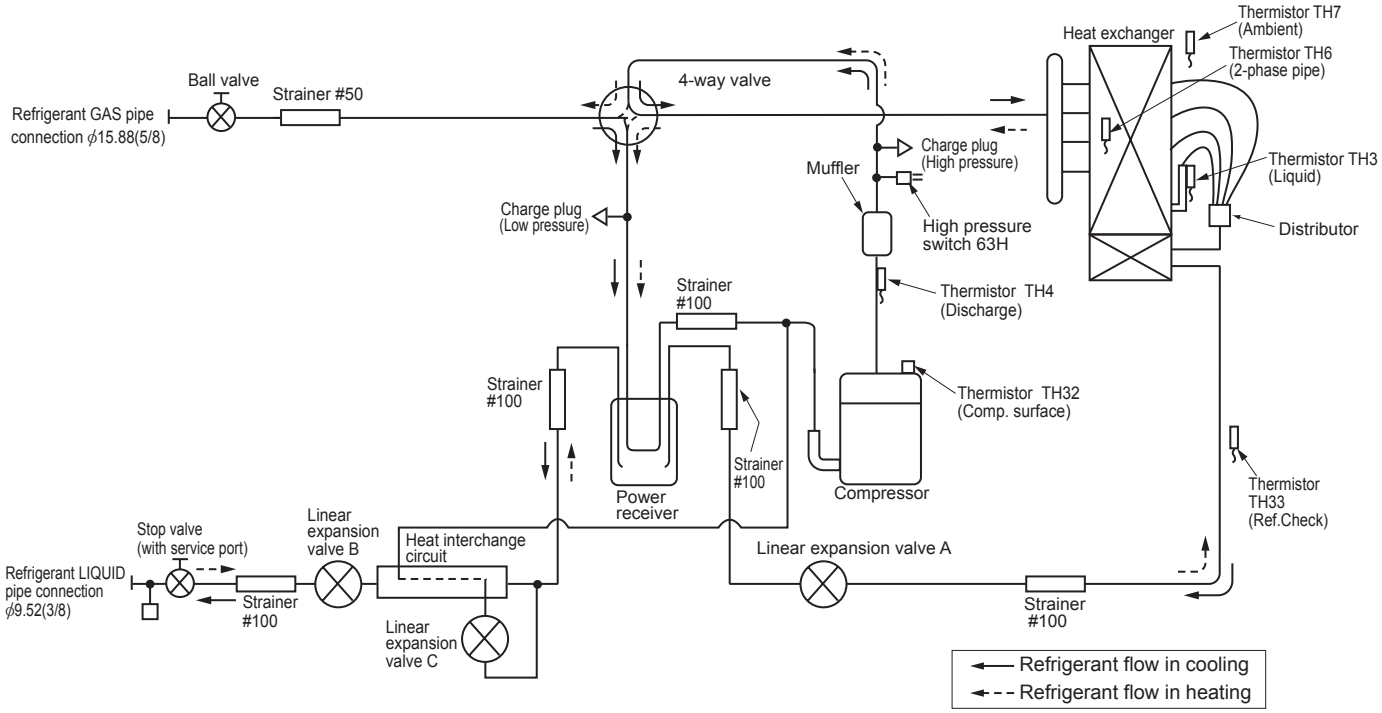


PUHZ-ZRP100VKA2 PUHZ-ZRP125VKA2
PUHZ-ZRP100YKA2 PUHZ-ZRP125YKA2

Unit : mm(inch)

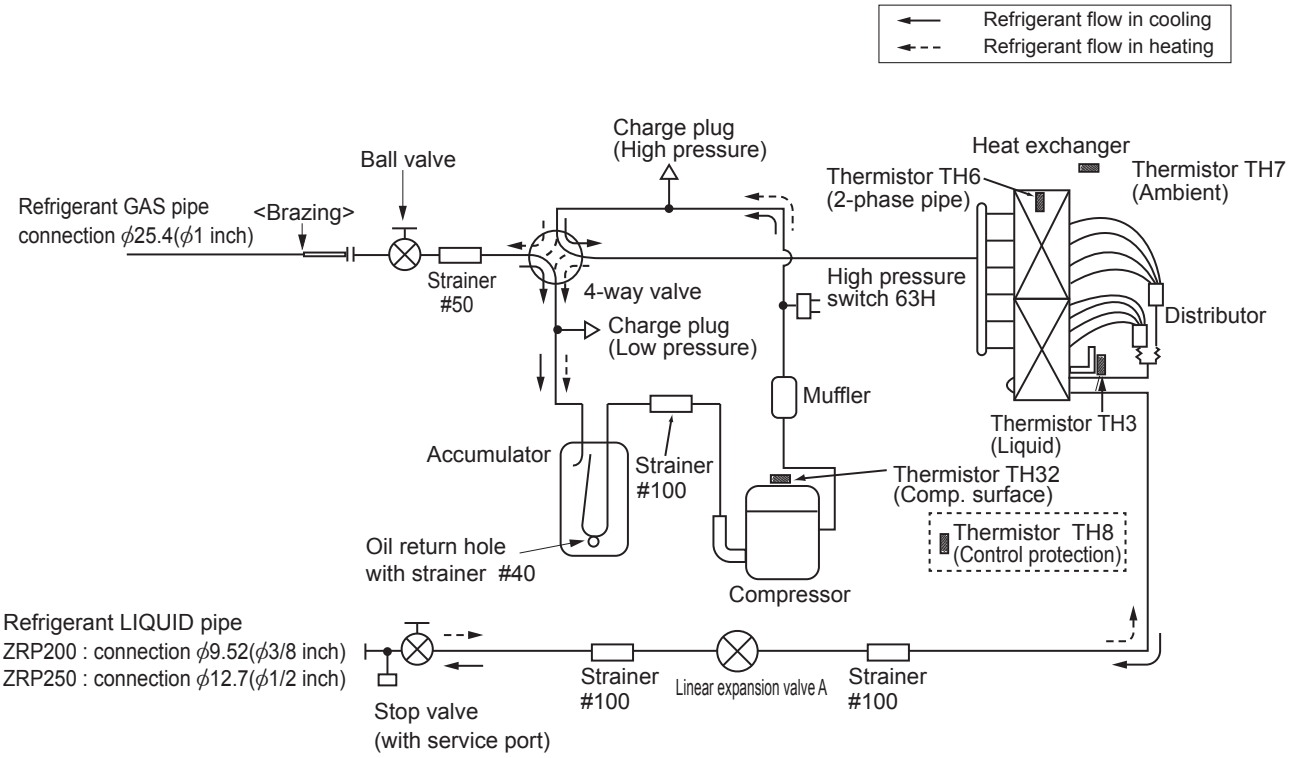


PUHZ-ZRP140VKA2 PUHZ-ZRP140YKA2



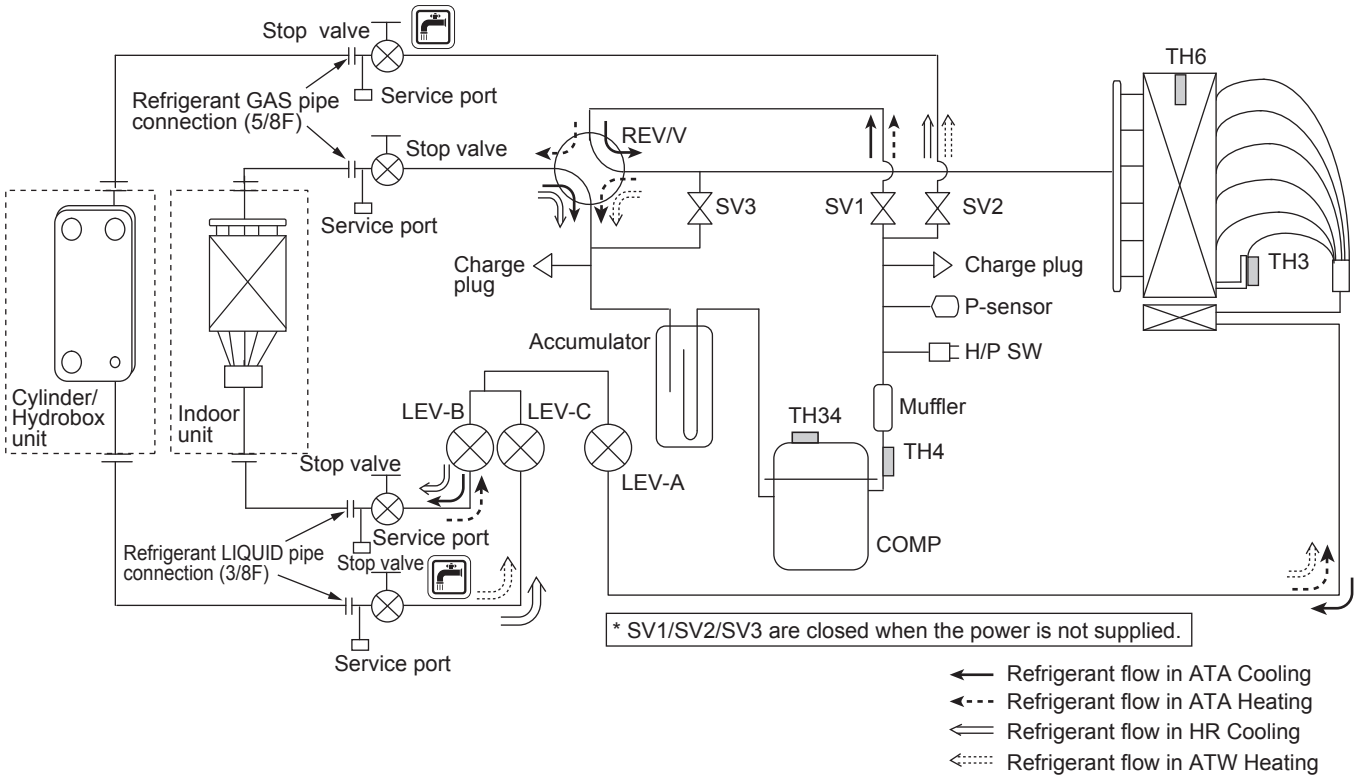
PUHZ-ZRP200YKA
PUHZ-ZRP250YKA

Unit : mm(inch)



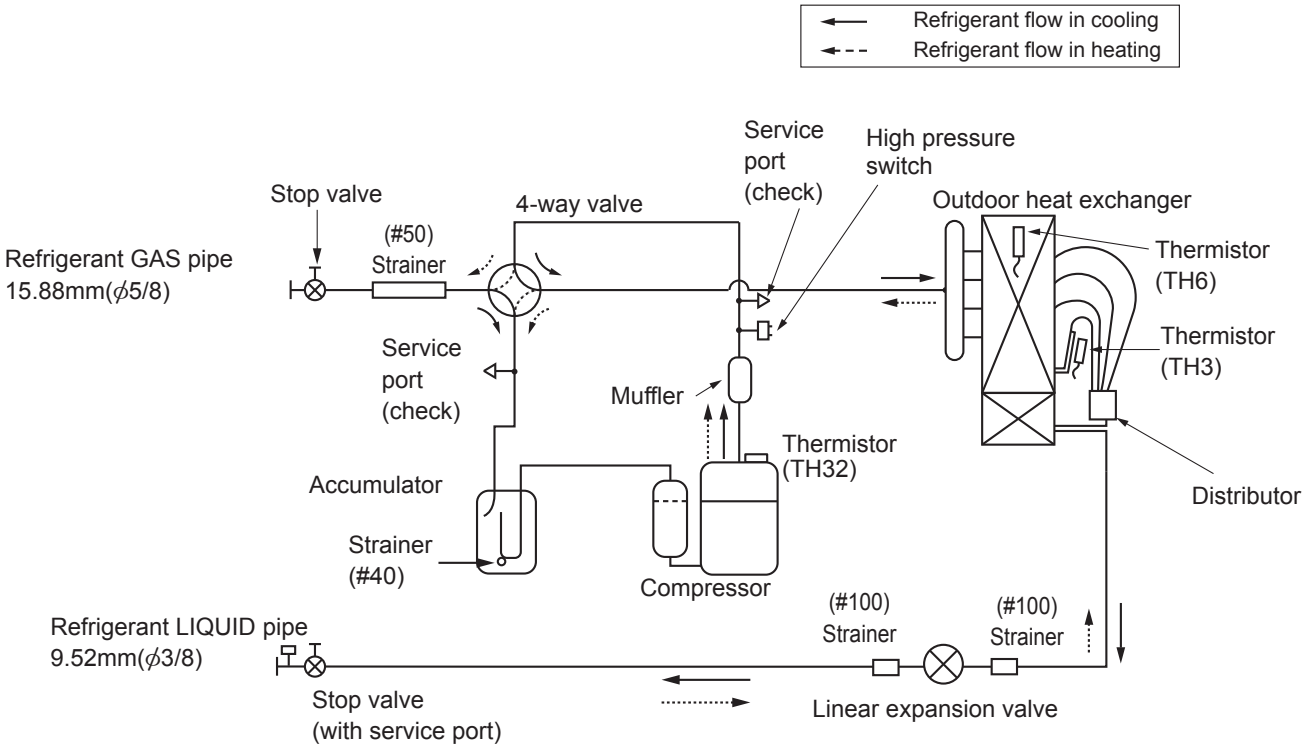
3. PUHZ-FRP71VHA

Unit : mm (inch)

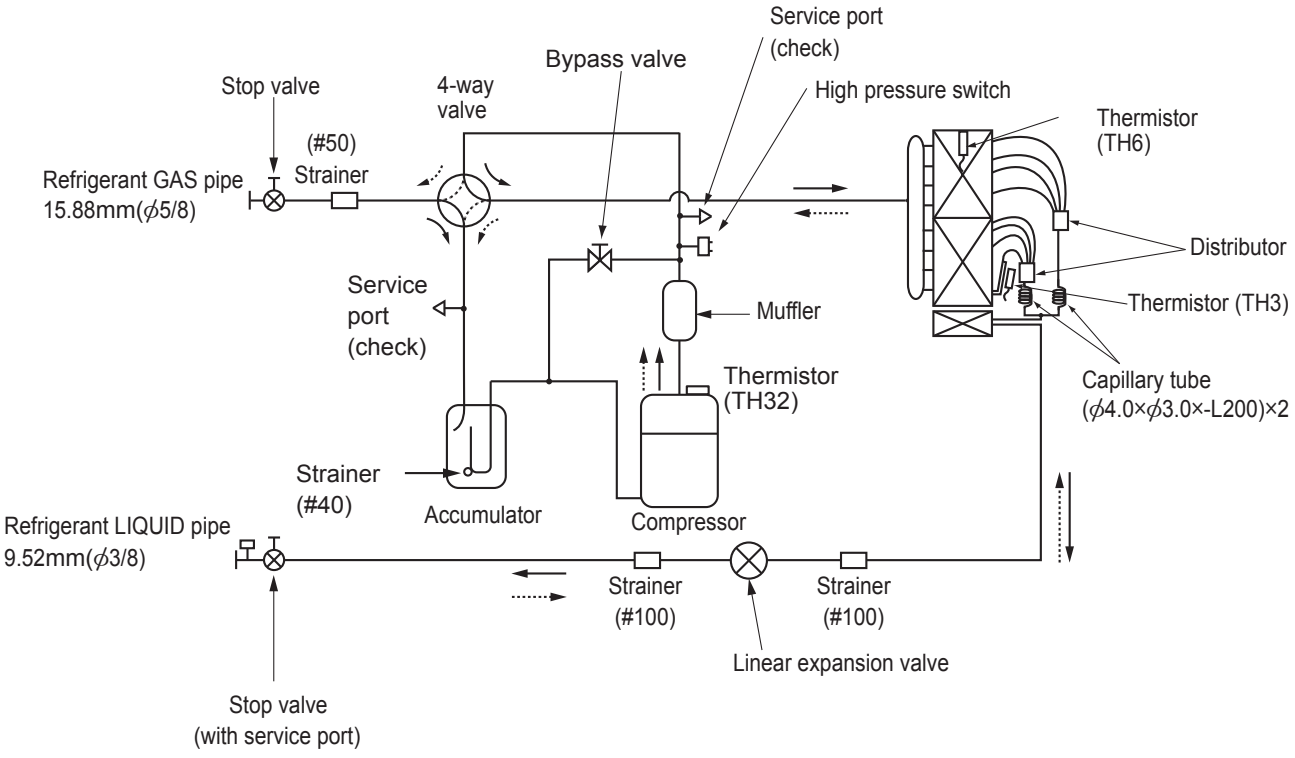


4. PUHZ-P•HA
PUHZ-P100VHA4
PUHZ-P100YHA2

Unit : mm(inch)

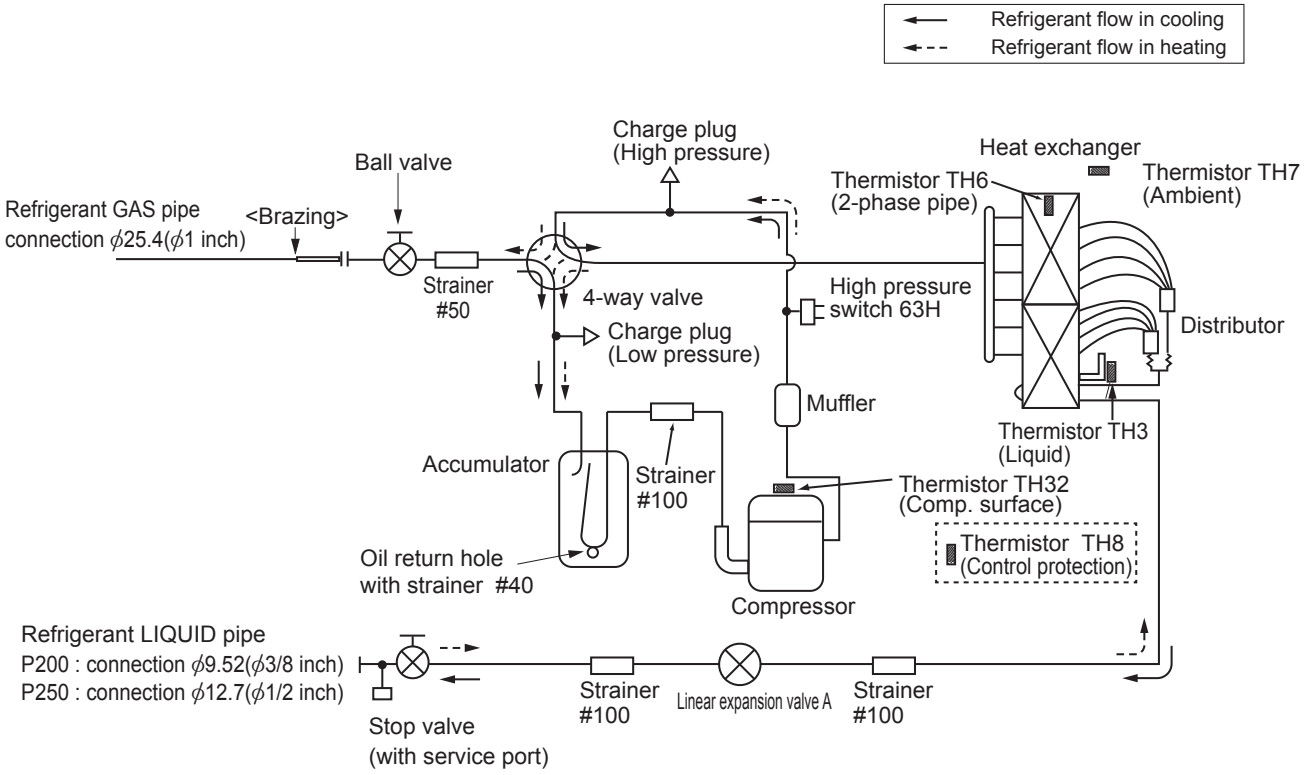


PUHZ-P125VHA PUHZ-P140VHA
PUHZ-P125YHA PUHZ-P140YHA



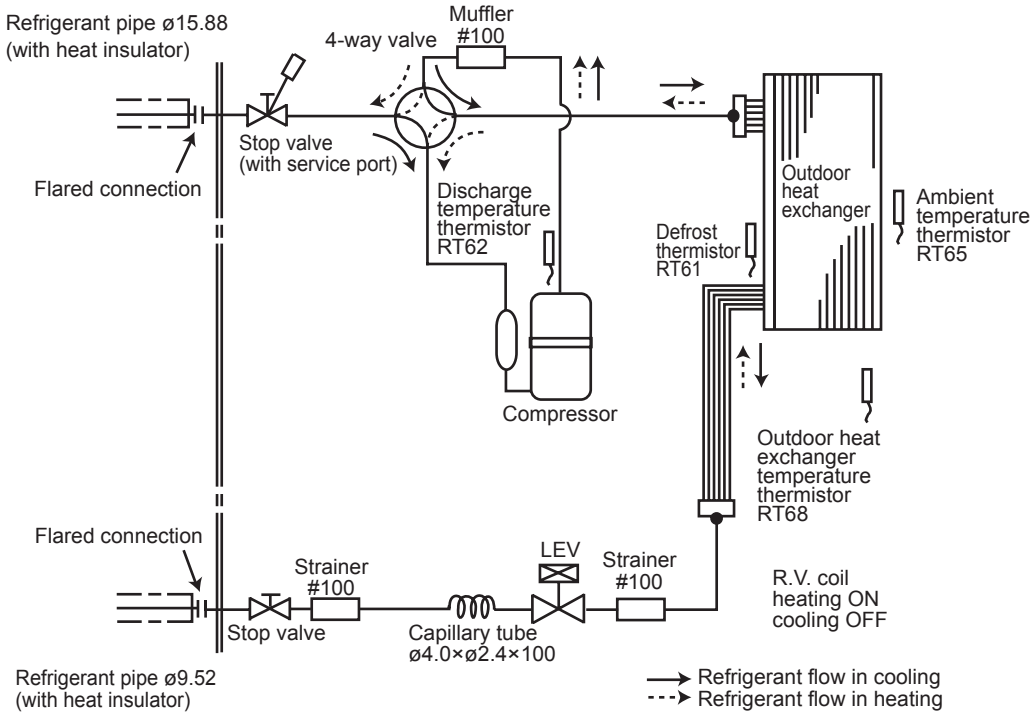
PUHZ-P200YKA
PUHZ-P250YKA

Unit : mm(inch)



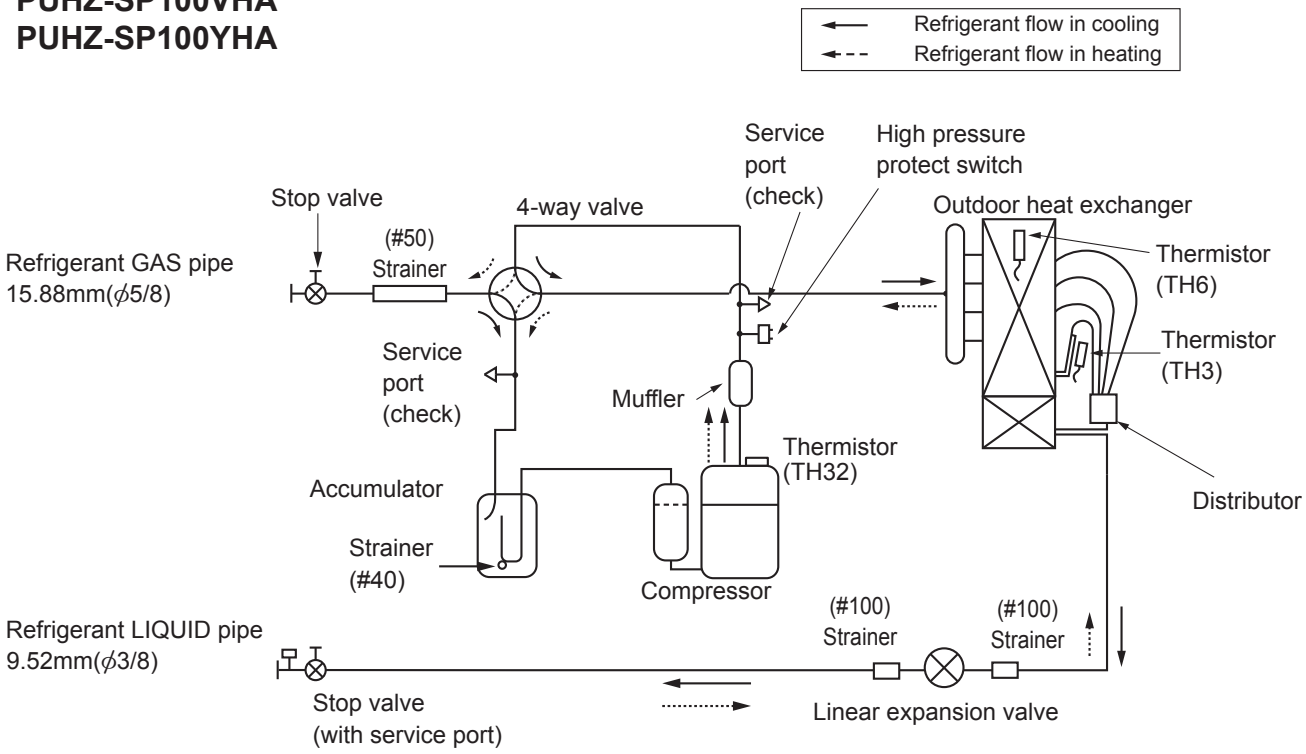
5. SUZ-SA•VA
SUZ-SA71VHA2
SUZ-SA100VA

Unit : mm(inch)

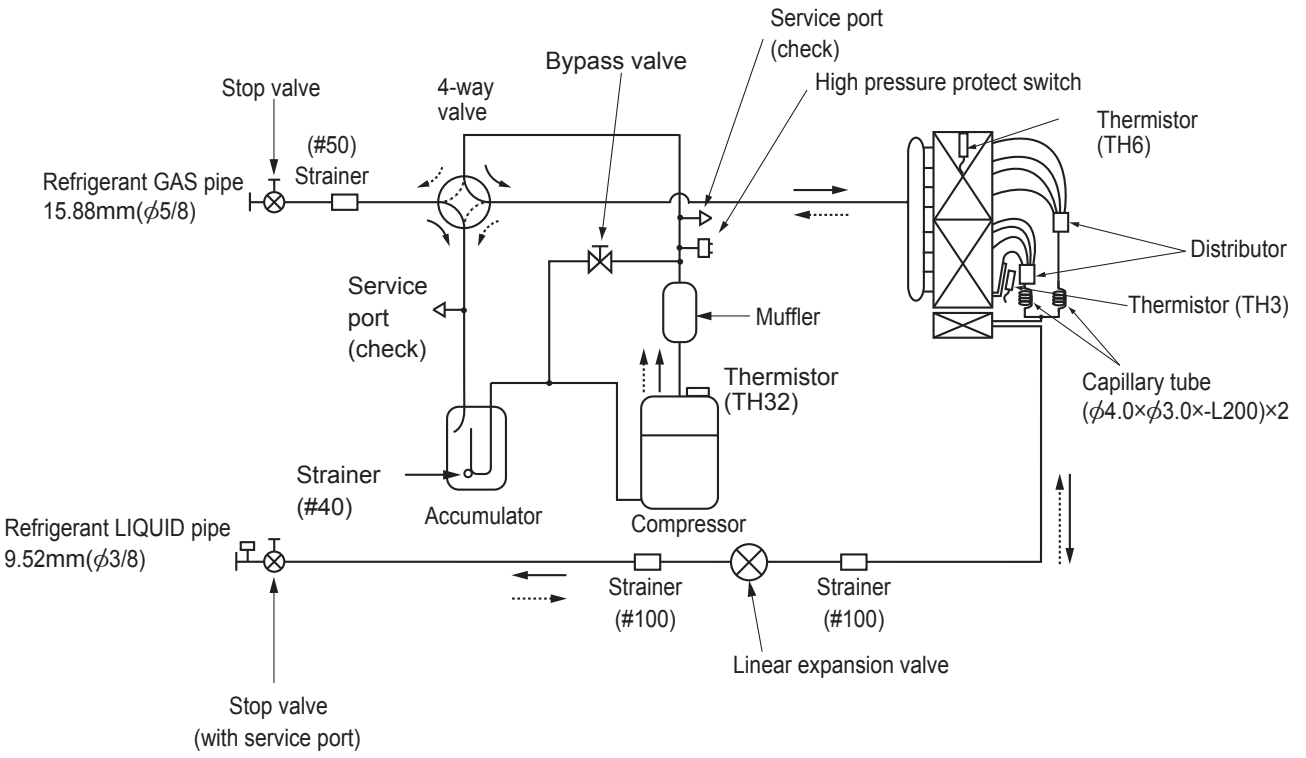


6. PUHZ-SP•HA
PUHZ-SP100VHA
PUHZ-SP100YHA

Unit : mm(inch)



PUHZ-SP125VHA PUHZ-SP140VHA
PUHZ-SP125YHA PUHZ-SP140YHA

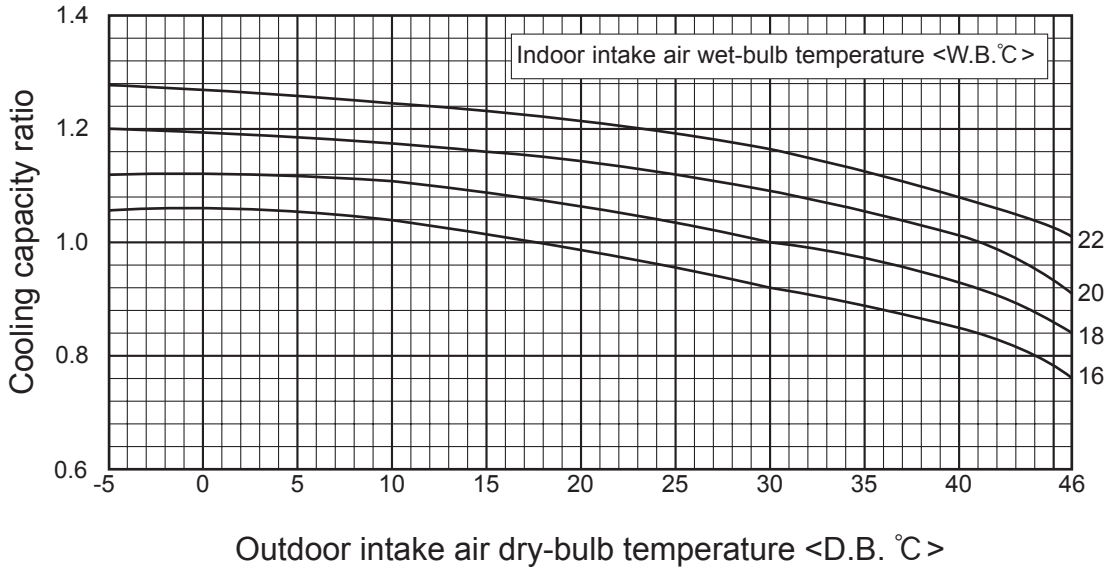


A.8.4 PERFORMANCE CURVES

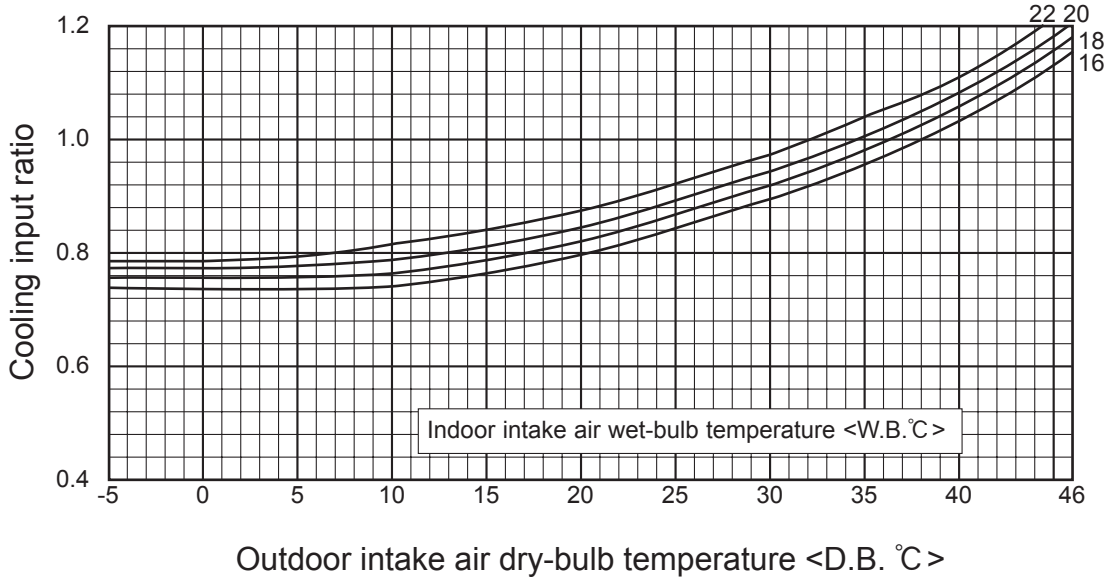
A.8.4.1 INVERTER MODELS Heat pump type [Without the optional Air protect guide]

1.FOR THE COMBINATION OF OUTDOOR UNIT PUHZ-SHW•HA(-BS)/PUHZ-SHW•KA

Cooling capacity

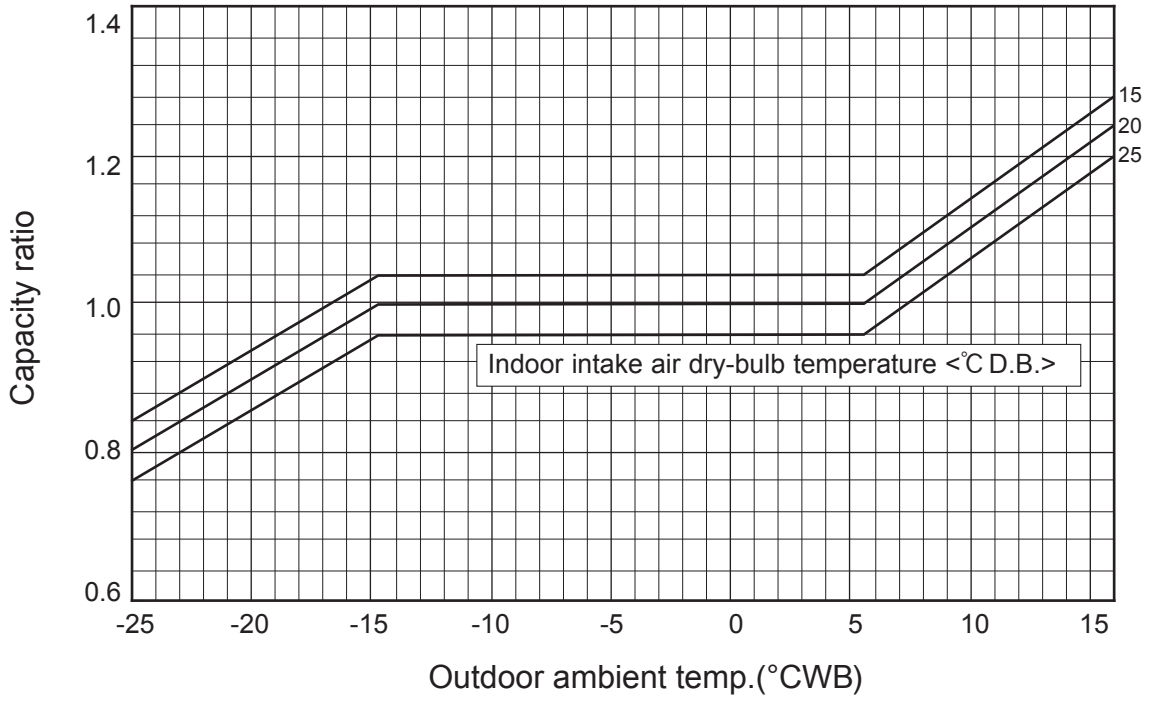


Cooling input

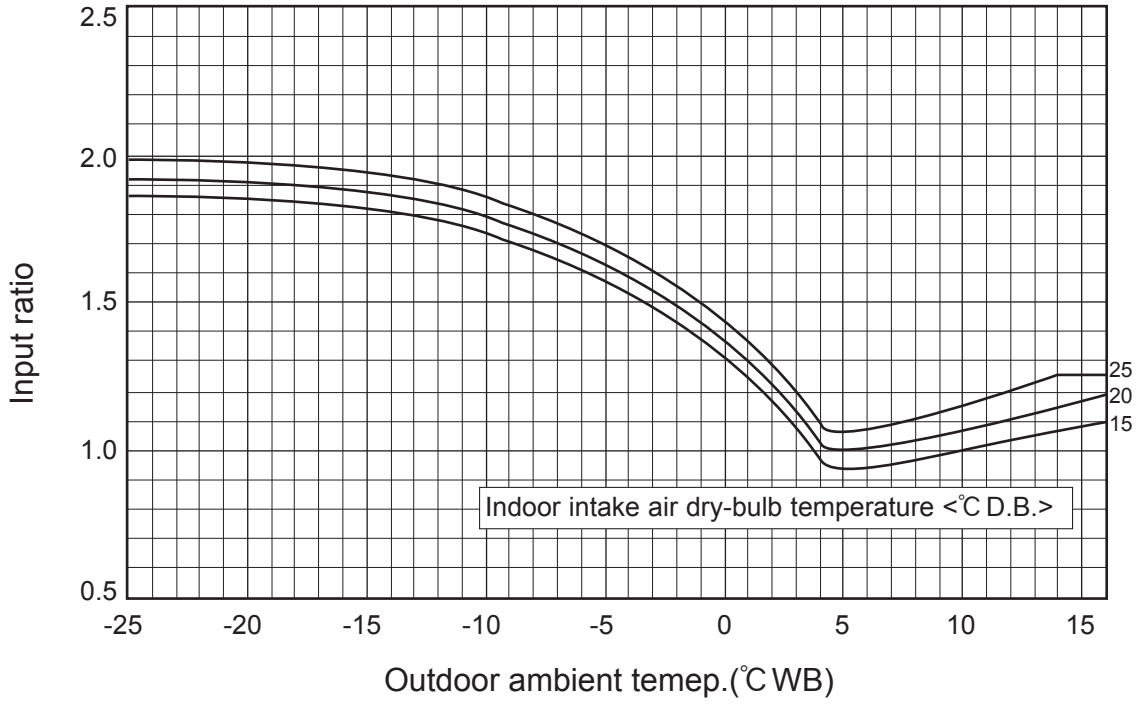


Note : This diagrams show the case where the operation frequency of a compressor is fixed.

Heating capacity

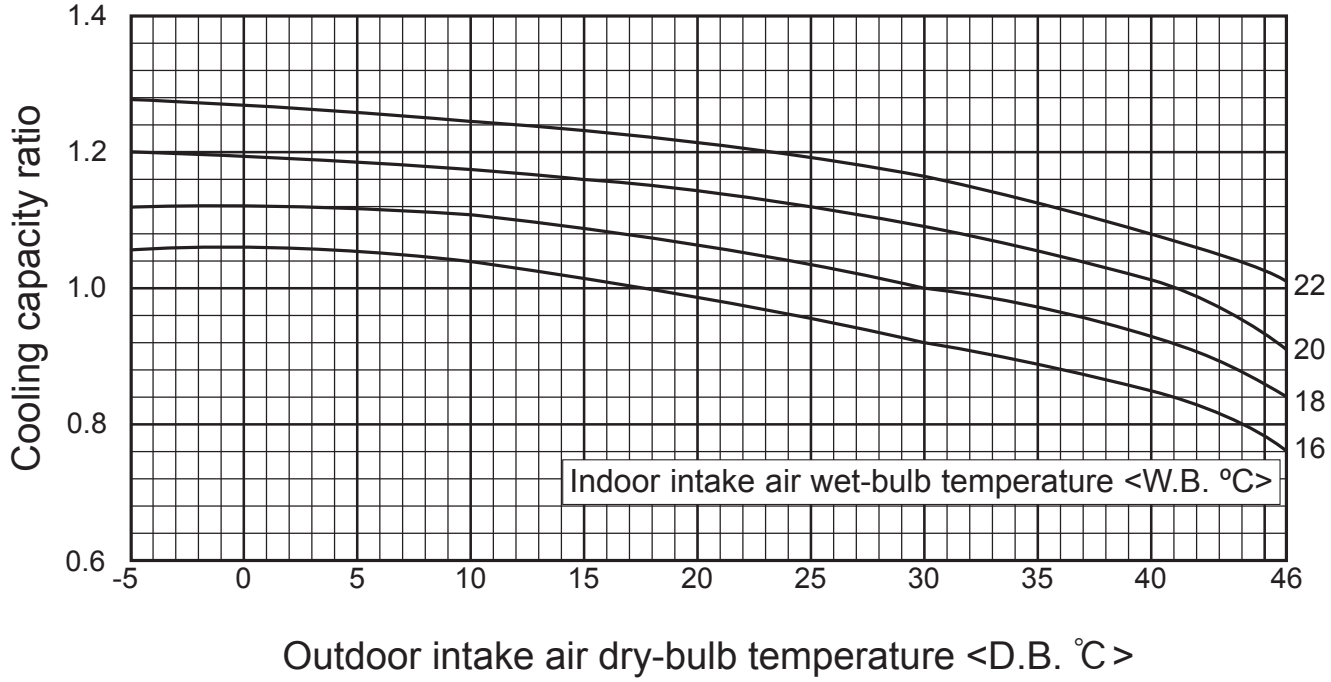


Heating input



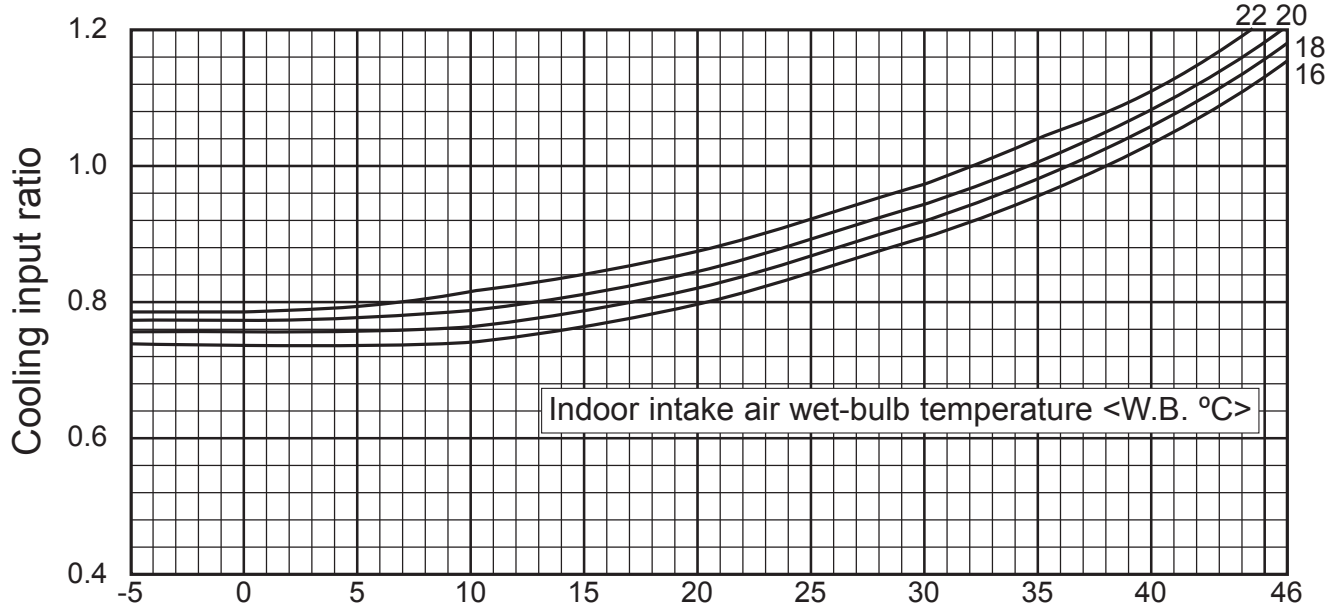
2.FOR THE COMBINATION OF OUTDOOR UNIT **PUHZ-FRP71VHA**
PUHZ-ZRP35,50VKA
PUHZ-ZRP60,71VHA, PUHZ-ZRP100~140VKA2
PUHZ-ZRP100~140YKA2, PUHZ-ZRP200·250YKA
PUHZ-P100VHA4,PUHZ-P125·140VHA3
PUHZ-P100YHA2,PUHZ-P125·140YHA
PUHZ-P200, 250YKA
PUHZ-SP100~140VHA,
PUHZ-SP100~140YHA

Cooling capacity



Outdoor intake air dry-bulb temperature <D.B. ℃>

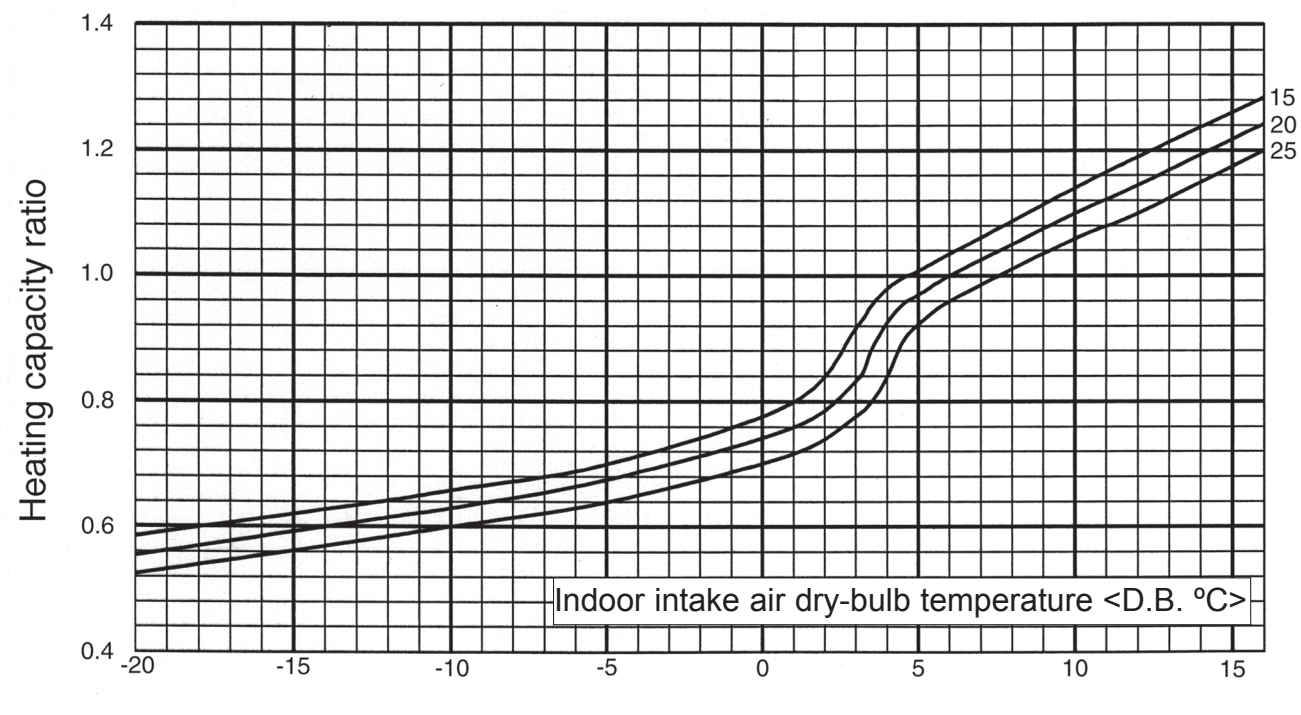
Cooling input



Outdoor intake air dry-bulb temperature <D.B. ℃>

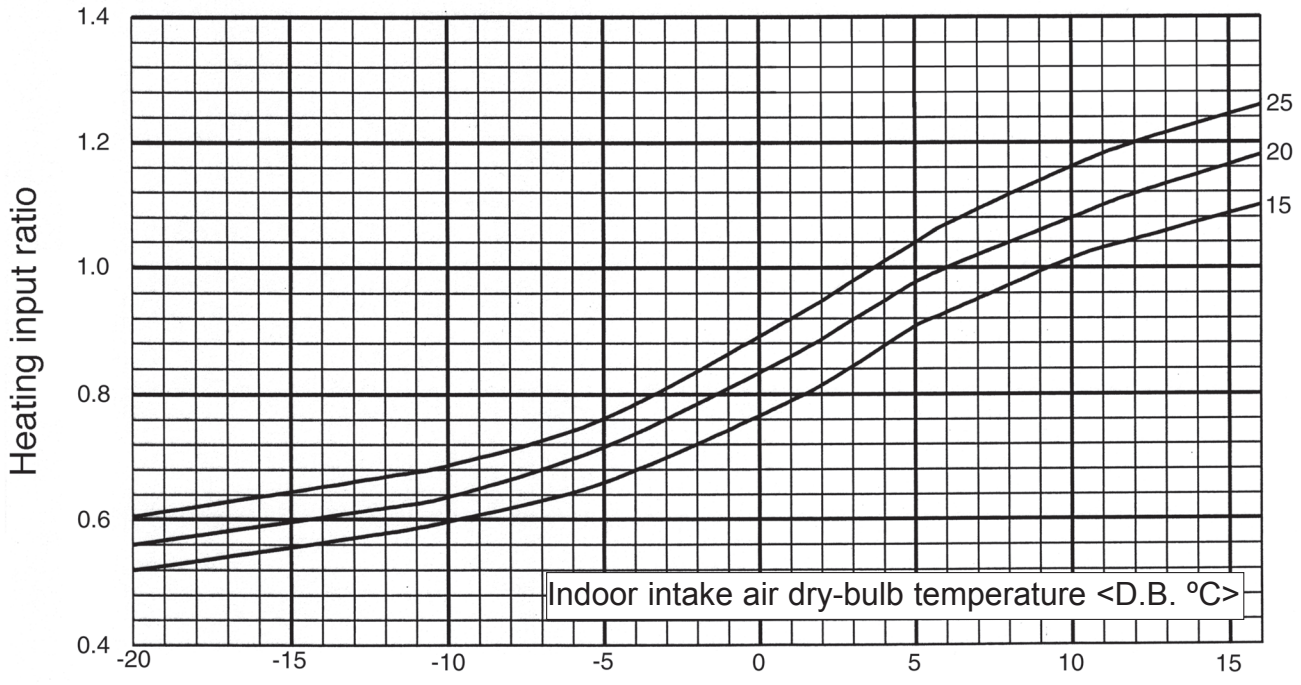
Note : This diagrams show the case where the operation frequency of a compressor is fixed.

Heating capacity



Outdoor intake air wet-bulb temperature <W.B. ºC>

Heating input

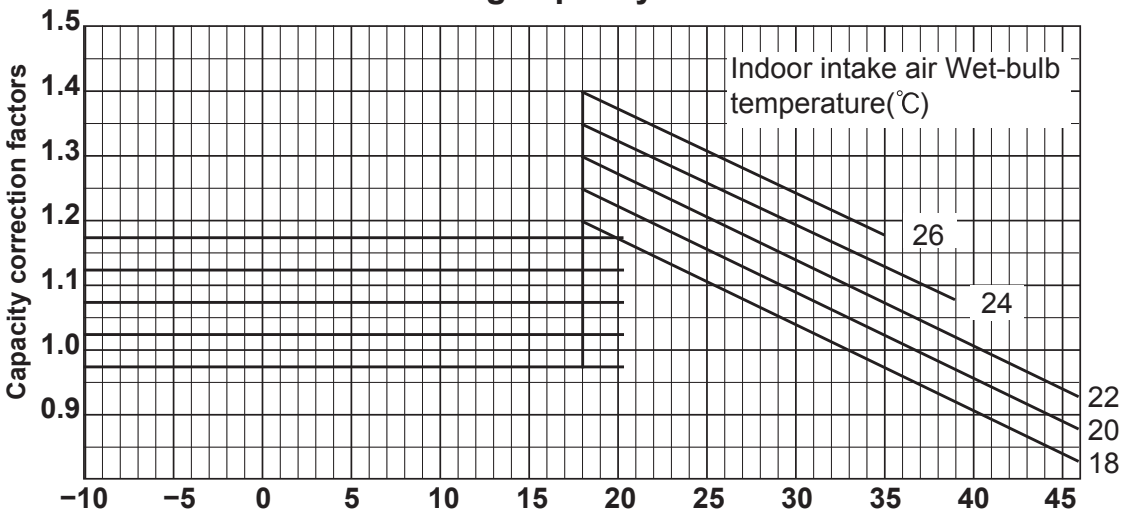


Outdoor intake air wet-bulb temperature <W.B. ºC>

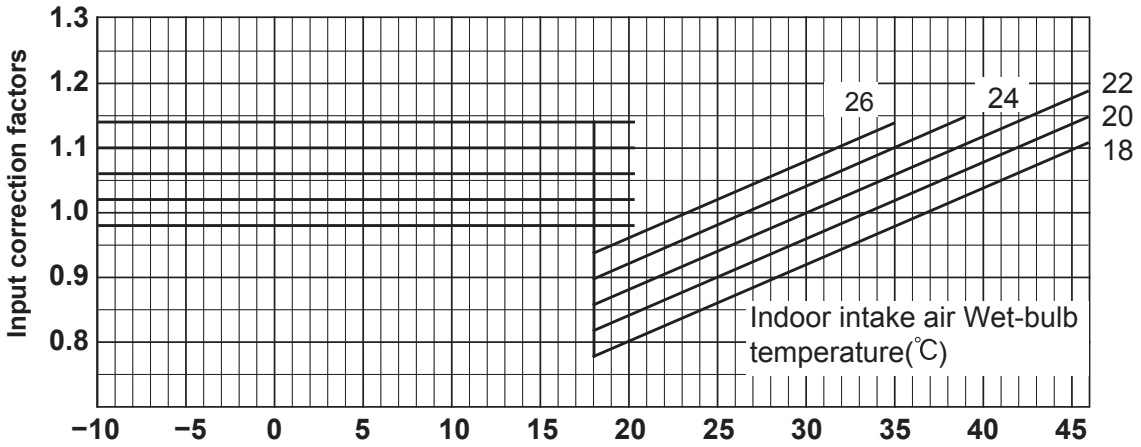
Note : This diagrams show the case where the operation frequency of a compressor is fixed.

FOR THE COMBINATION OF OUTDOOR UNIT SUZ-SA71VA
<COOLING>

Cooling capacity

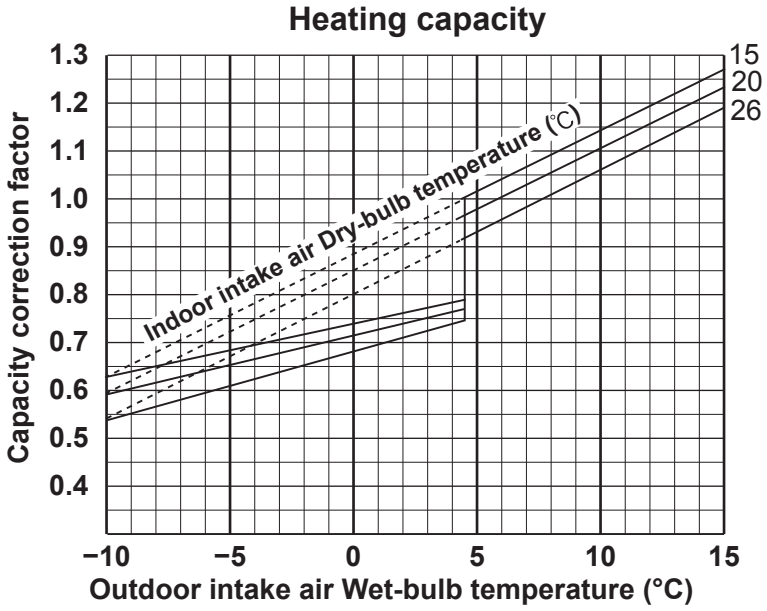


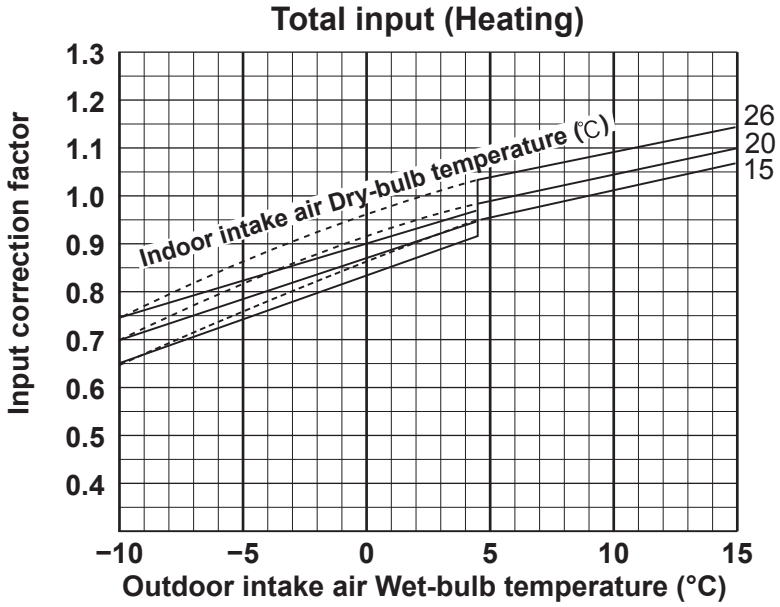
Total input (Cooling)



Lower limit of guaranteed operating range in cooling: −10°C

<HEATING>

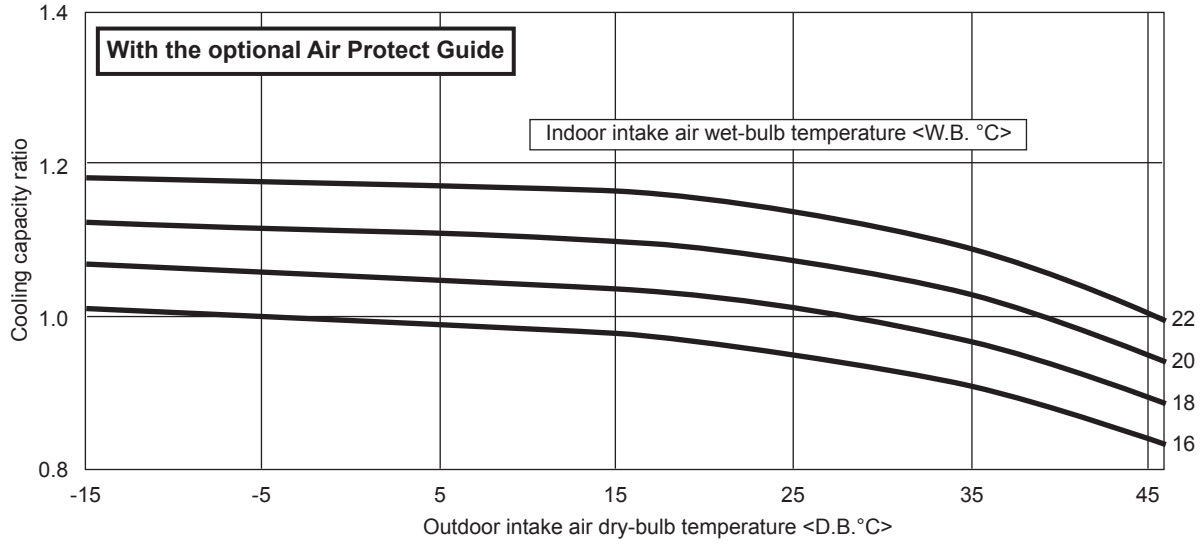

Heating capacity
Capacity correction factor
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
−10
−5
0
5
10
15
Outdoor intake air Wet-bulb temperature (°C)
Indoor intake air Dry-bulb temperature (°C)
15
20
26


Total input (Heating)
Input correction factor
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
−10
−5
0
5
10
15
Outdoor intake air Wet-bulb temperature (°C)
Indoor intake air Dry-bulb temperature (°C)
26
20
15

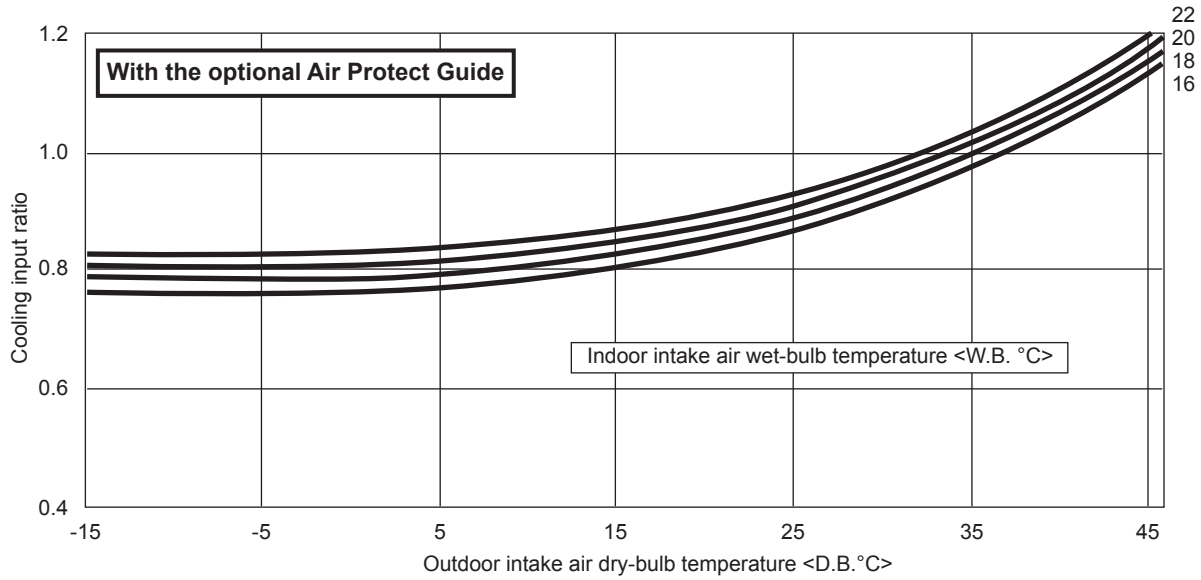
A.8.4.2 INSTALLING AN AIR PROTECT GUIDE

Installing an air protect guide allows the cooling operation in the extended outside air temperature range down to -15°C.

Cooling capacity



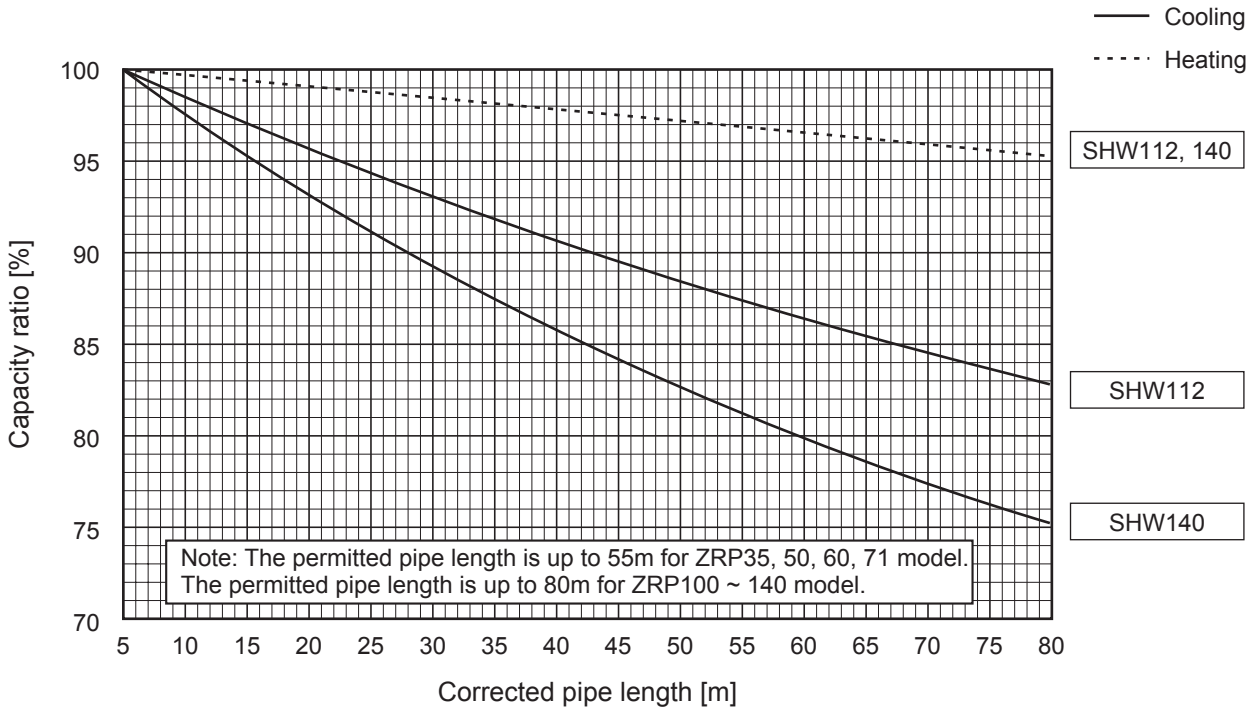
Cooling input



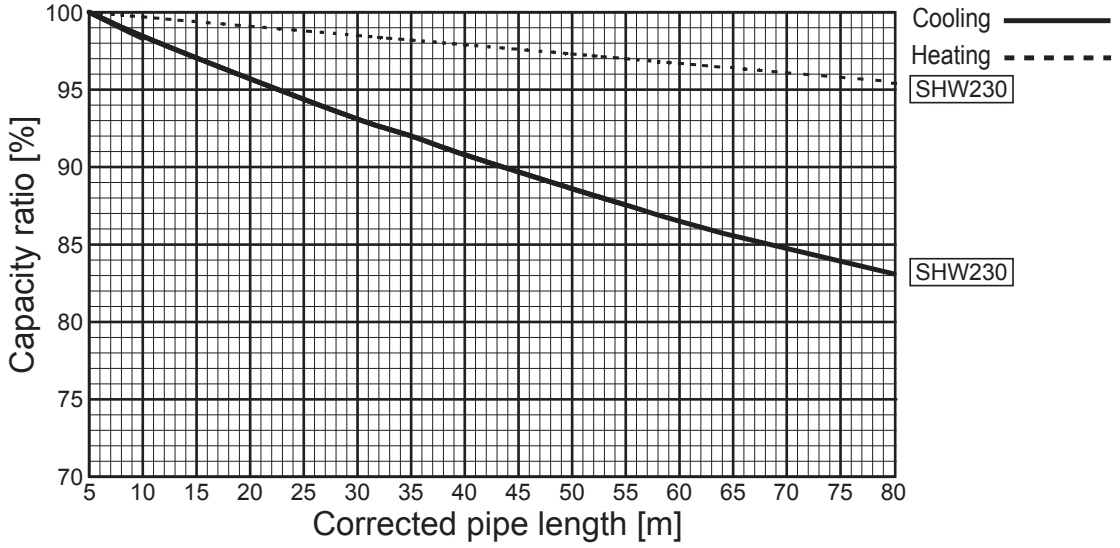
Applicable Models	Optional parts name	Optional parts No.	See page
PUHZ-ZRP35/50	Air protect guide (for cooling at -15°C)	PAC-SJ06AG-E	E-212
PUHZ-FRP71VHA PUHZ-ZRP60/71 PUHZ-SHW80/112/140 PUHZ-P100/125/140 PUHZ-SP100/125/140		PAC-SH63AG-E	E-214
PUHZ-ZRP100/125/140 PUHZ-ZRP200/250 PUHZ-P200/250 PUHZ-SHW230		PAC-SH95AG-E	E-217

A.8.4.3 CAPACITY CORRECTION RATIO CURVE PIPNG LENGTH

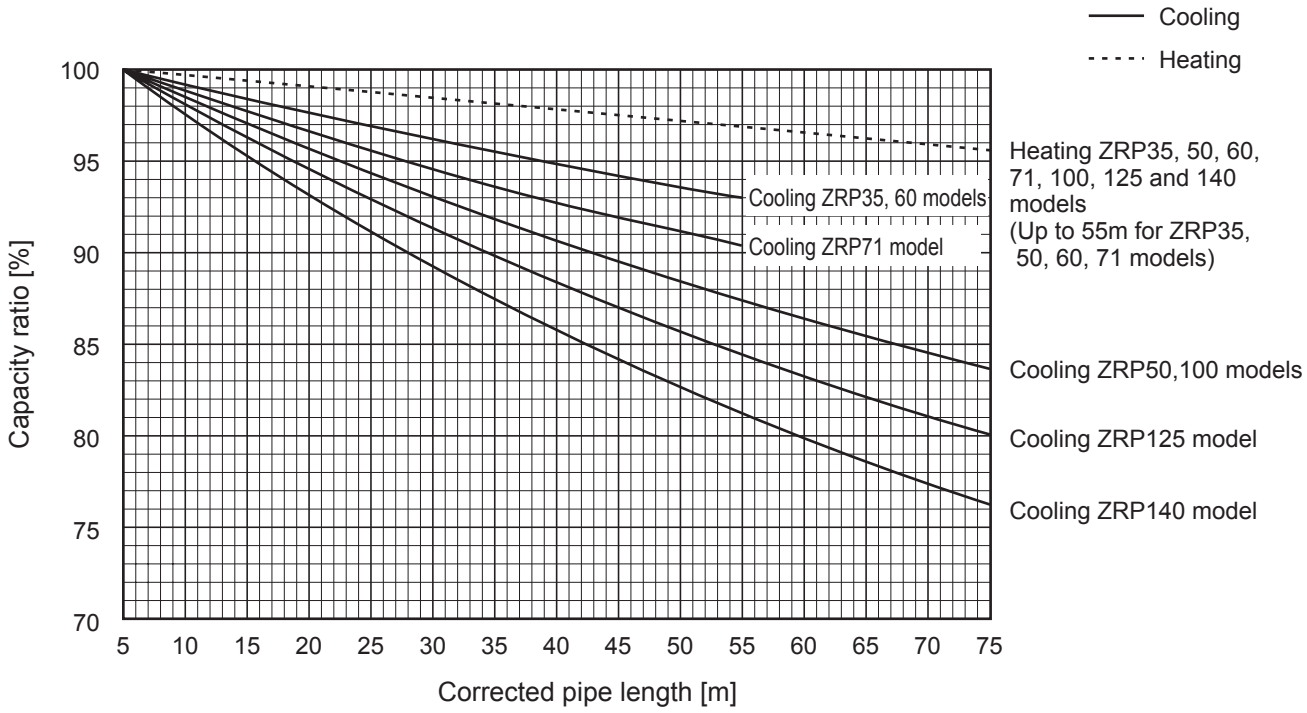
PUHZ-SHW112VHA
PUHZ-SHW112YHA
PUHZ-SHW140YHA



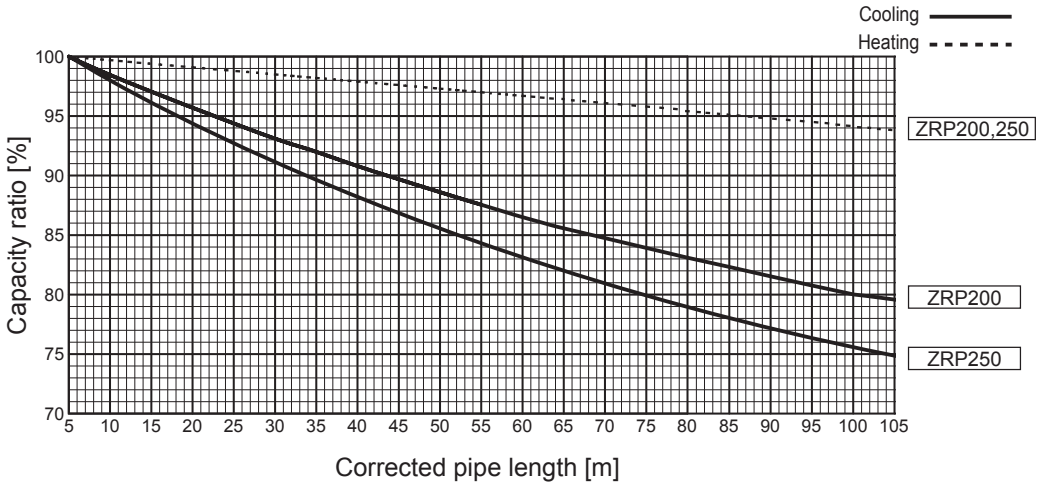
PUHZ-SHW230YKA2



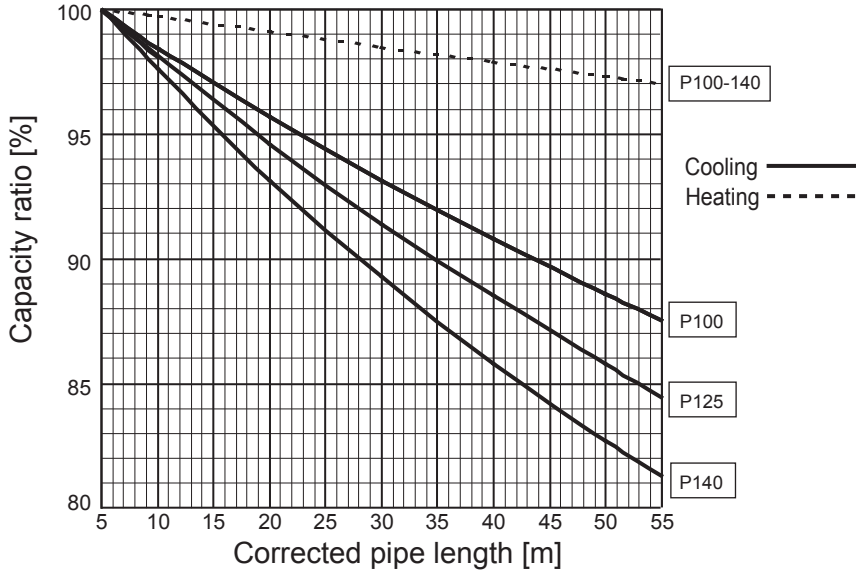
PUHZ-ZRP35,50VKA
PUHZ-ZRP60,71VHA
PUHZ-ZRP100,125,140VKA2
PUHZ-ZRP100,125,140YKA2



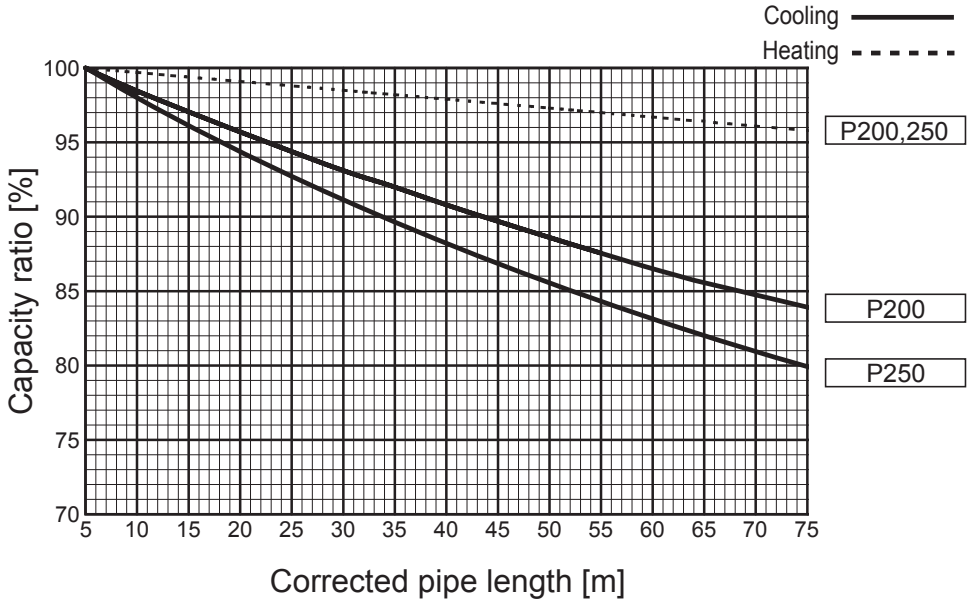
PUHZ-ZRP200·250YKA



PUHZ-P100VHA4
PUHZ-P125,140VHA3
PUHZ-P100YHA2
PUHZ-P125·140YHA

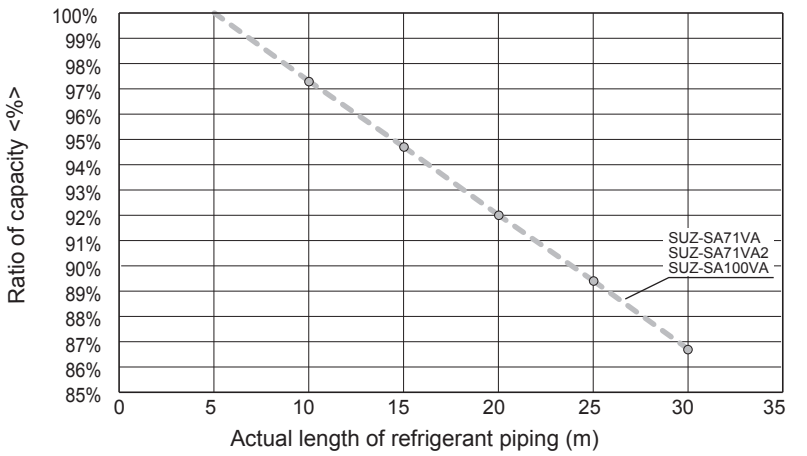


PUHZ-P200,250YKA

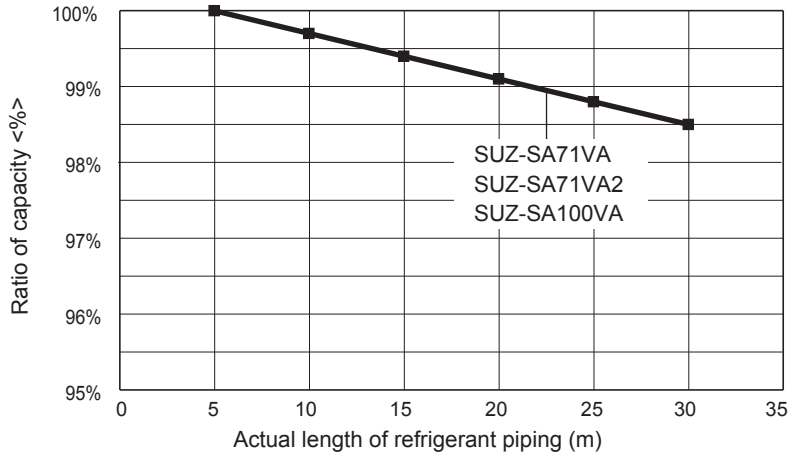


SUZ-SA71VA
SUZ-SA71VA2
SUZ-SA100VA

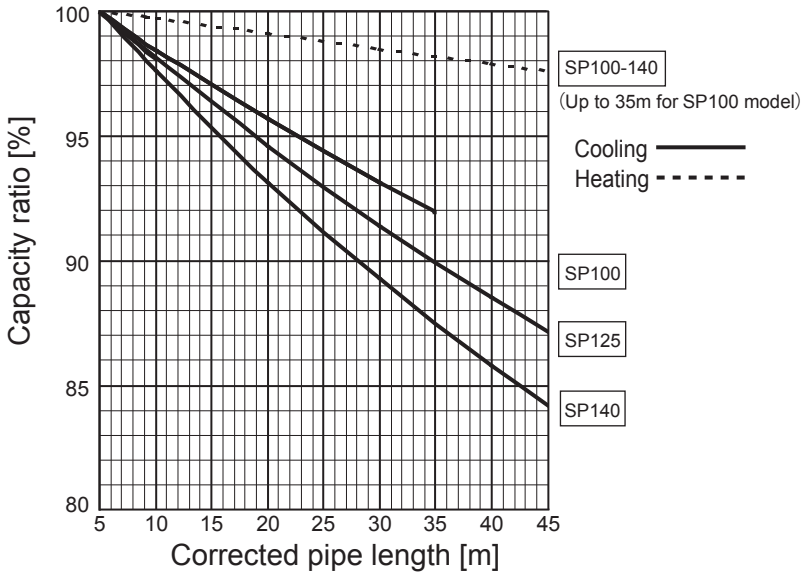
Correction ratio of capacity according to the length of piping (cooling)



Correction ratio of capacity according to the length of piping (heating)

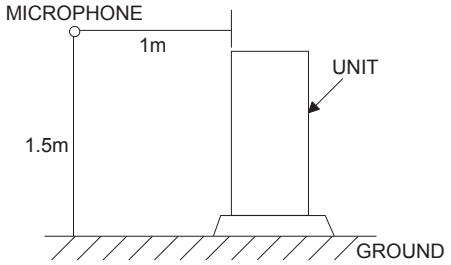


PUHZ-SP100,125,140VHA
PUHZ-SP100,125,140YHA



A.8.5 NOISE CRITERIA CURVES

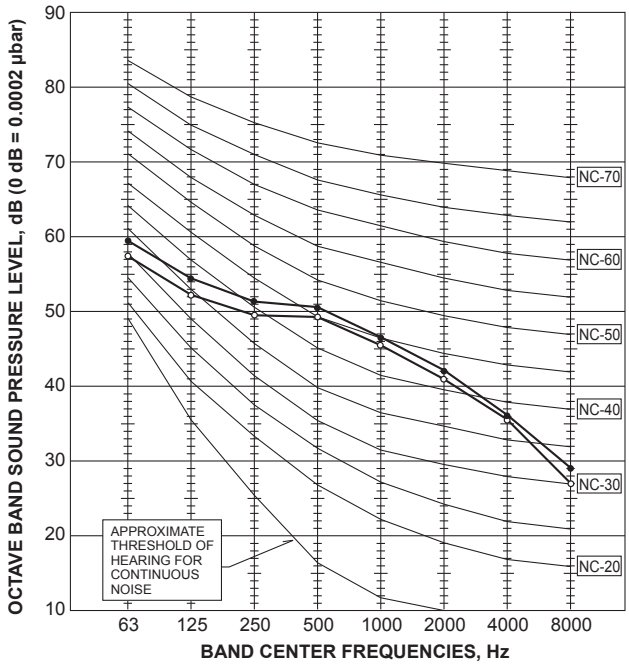
A.8.5.1 INVERTER MODELS Heat pump type



<Notes>
1) Sound data is taken when the system is running stably.
2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

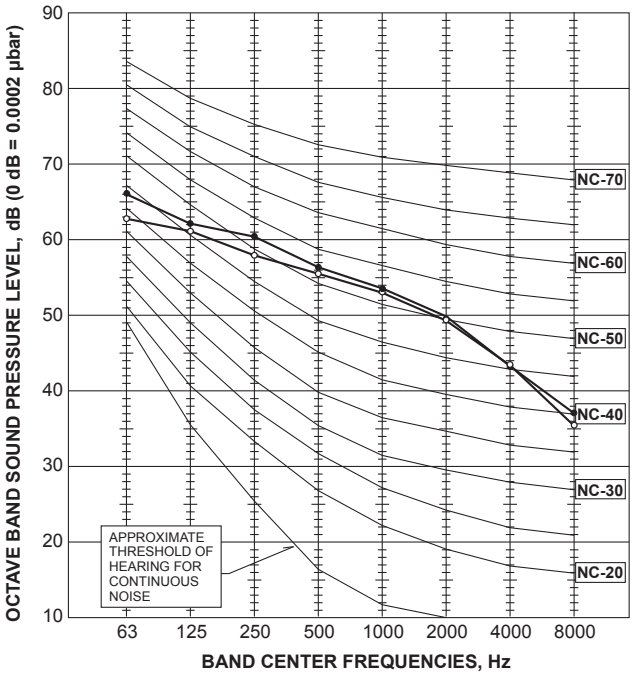
PUHZ-SHW112VHA(-BS)
PUHZ-SHW112YHA(-BS)
PUHZ-SHW140YHA(-BS)

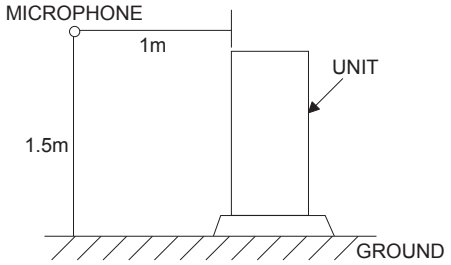
MODE	SPL(dB)	LINE
COOLING	51	○—○
HEATING	52	●—●



PUHZ-SHW230YKA2

MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	59	●—●

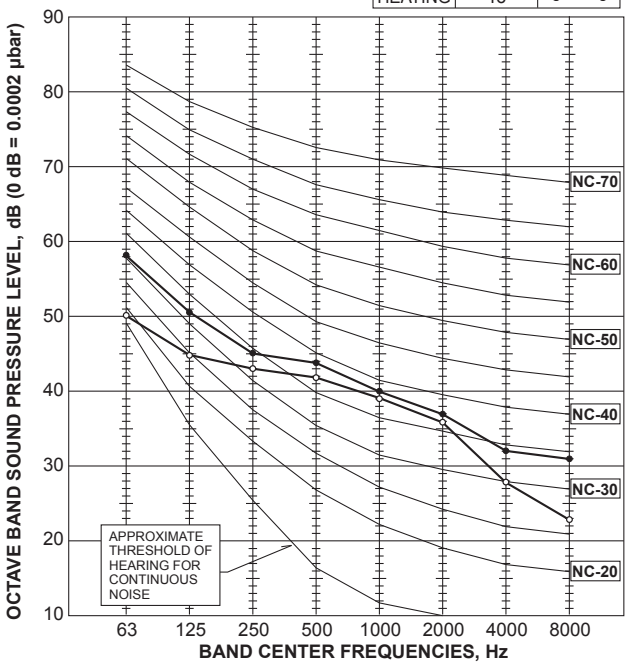




<Notes>
1) Sound data is taken when the system is running stably.
2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

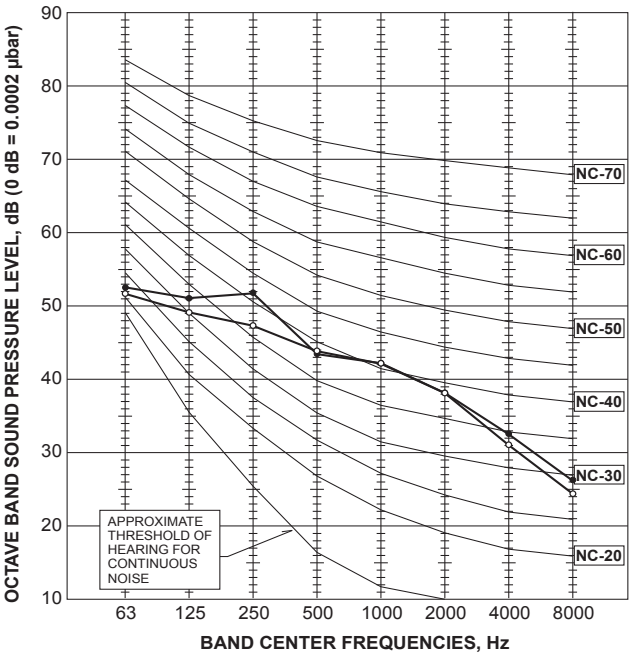
PUHZ-ZRP35VKA
PUHZ-ZRP50VKA

MODE	SPL(dB)	LINE
COOLING	44	○—○
HEATING	46	●—●



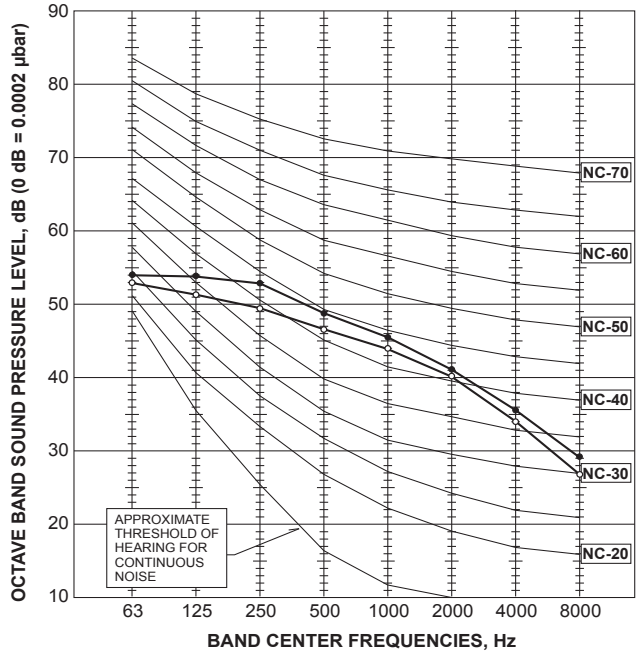
PUHZ-ZRP60VHA
PUHZ-ZRP71VHA

MODE	SPL(dB)	LINE
COOLING	47	○—○
HEATING	48	●—●



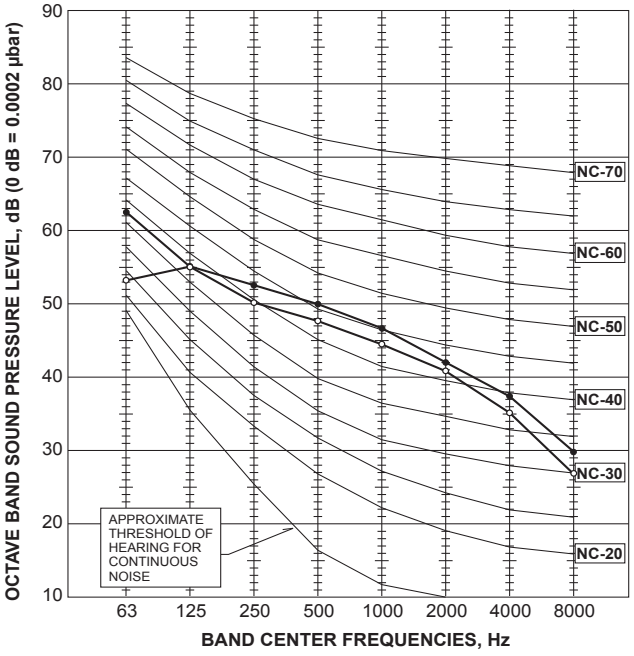
PUHZ-ZRP100VKA2
PUHZ-ZRP100YKA2

MODE	SPL(dB)	LINE
COOLING	49	○—○
HEATING	51	●—●



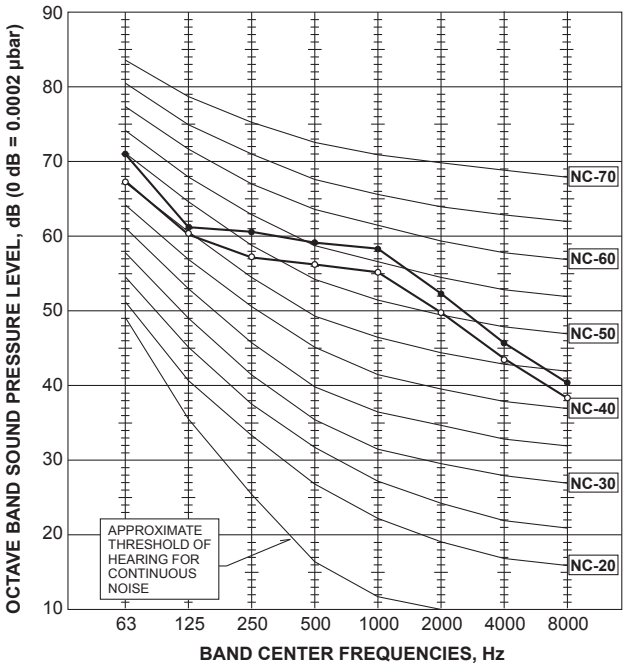
PUHZ-ZRP125/140VKA2
PUHZ-ZRP125/140YKA2

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	52	●—●



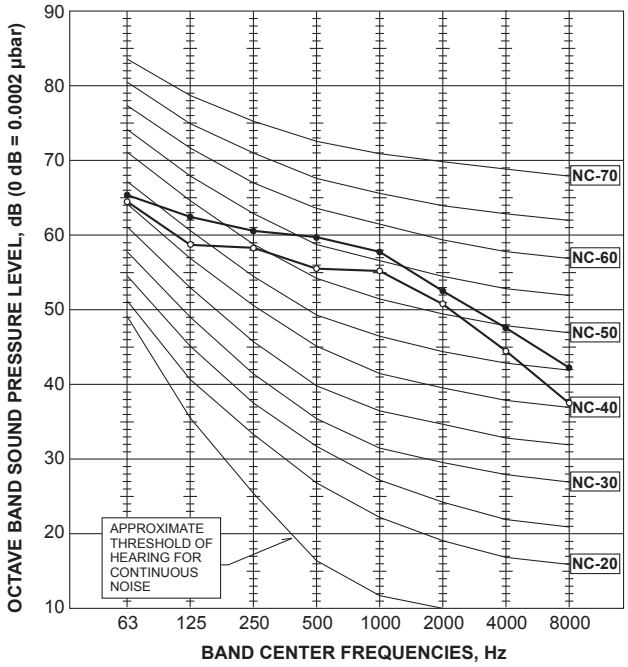
PUHZ-ZRP200YKA

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



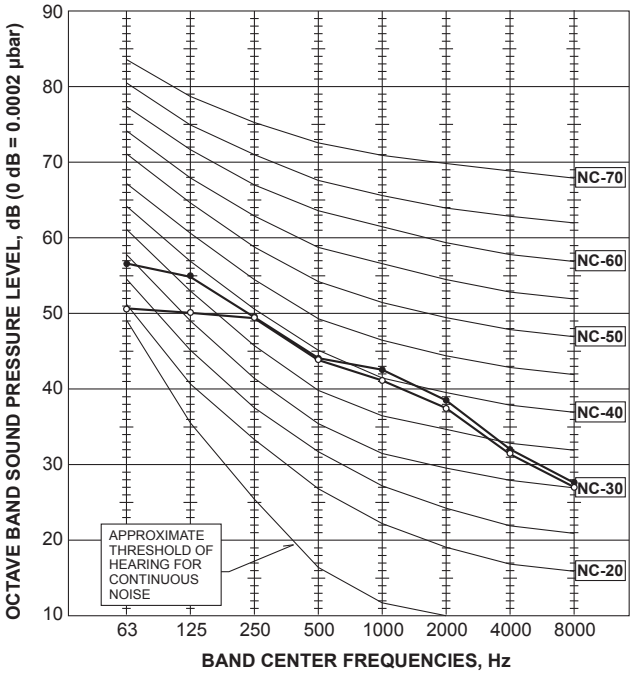
PUHZ-ZRP250YKA

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●

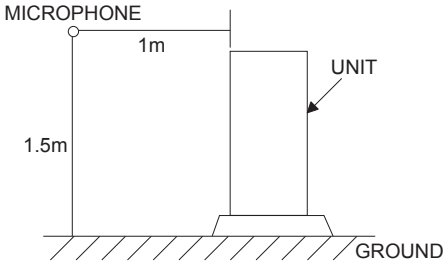


PUHZ-FRP71VHA

MODE	SPL(dB)	LINE
ATA Cooling	47	○—○
ATA Heating	48	●—●



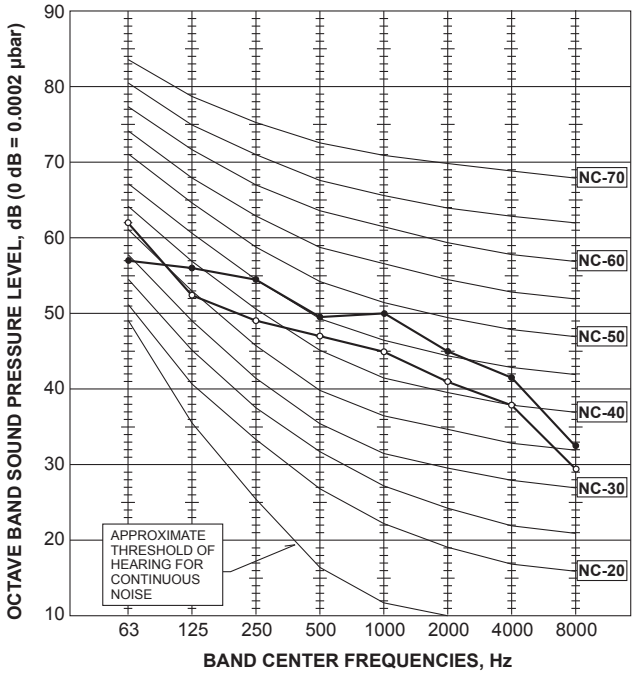
<Notes>
1) Sound data is taken when the system is running stably.
2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.



<Notes>
1) Sound data is taken when the system is running stably.
2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

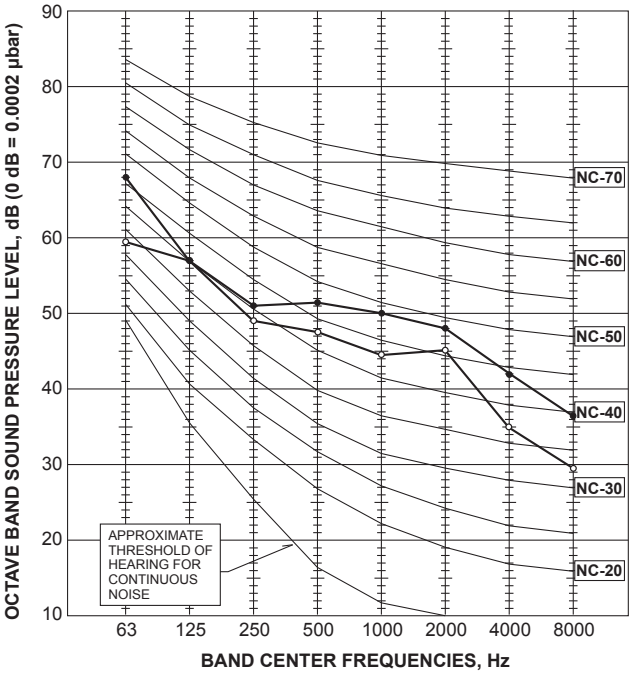
PUHZ-P100VHA4
PUHZ-P100YHA2

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	54	●—●



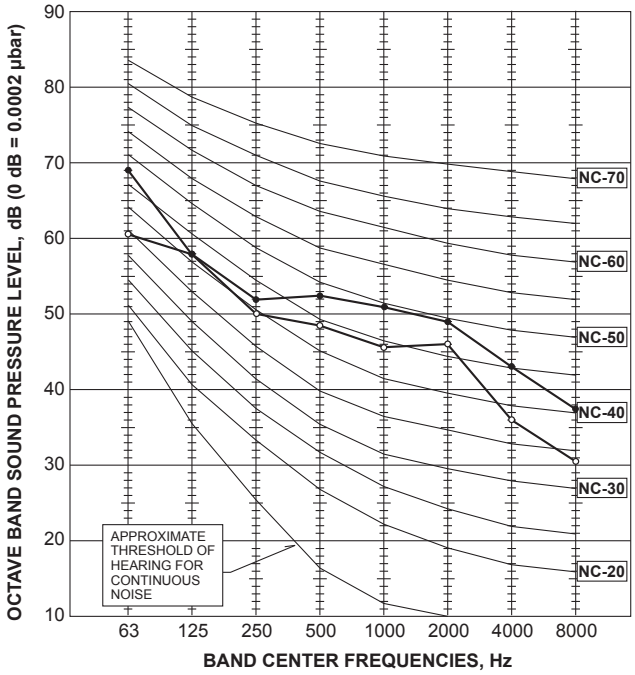
PUHZ-P125VHA3
PUHZ-P125YHA

MODE	SPL(dB)	LINE
COOLING	51	○—○
HEATING	55	●—●



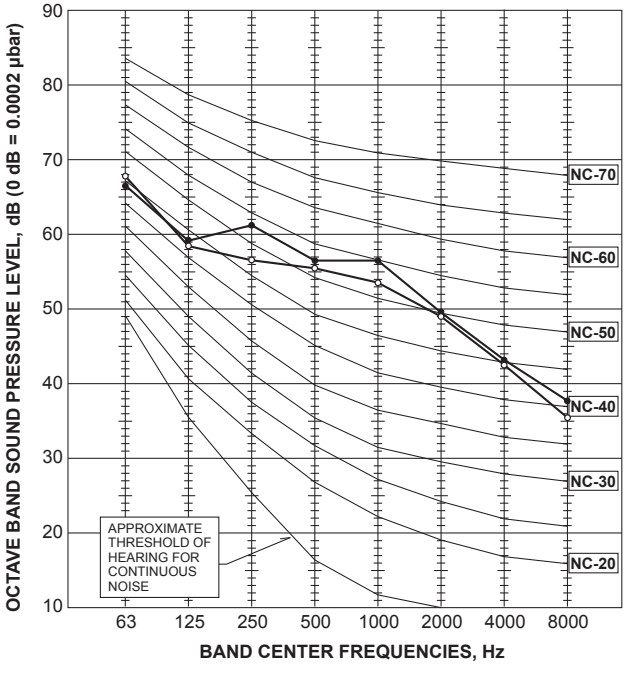
PUHZ-P140VHA3
PUHZ-P140YHA

MODE	SPL(dB)	LINE
COOLING	52	○—○
HEATING	56	●—●



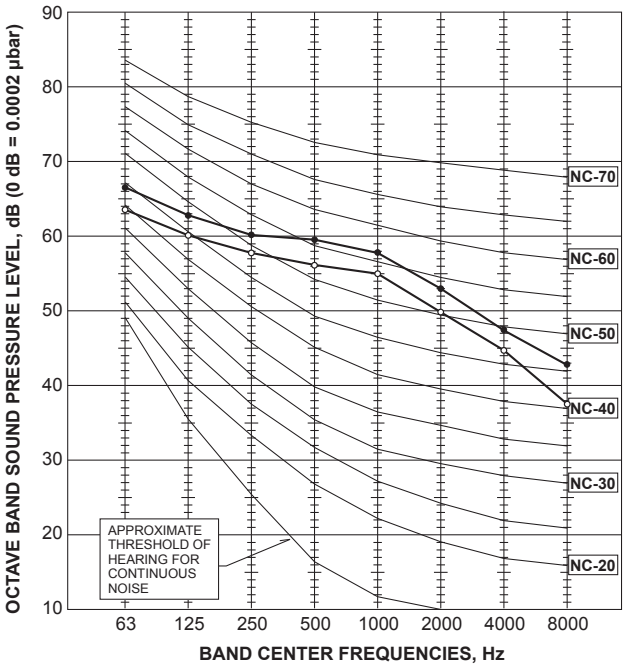
PUHZ-P200YKA

MODE	SPL(dB)	LINE
COOLING	58	○—○
HEATING	60	●—●



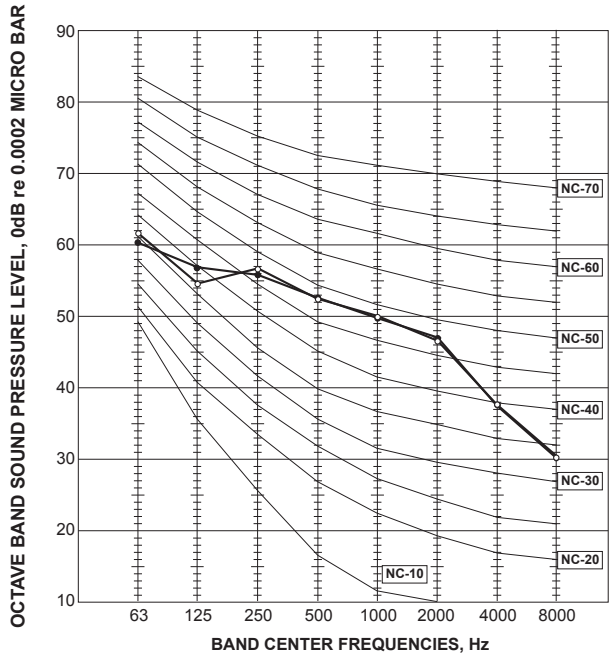
PUHZ-P250YKA

MODE	SPL(dB)	LINE
COOLING	59	○—○
HEATING	62	●—●



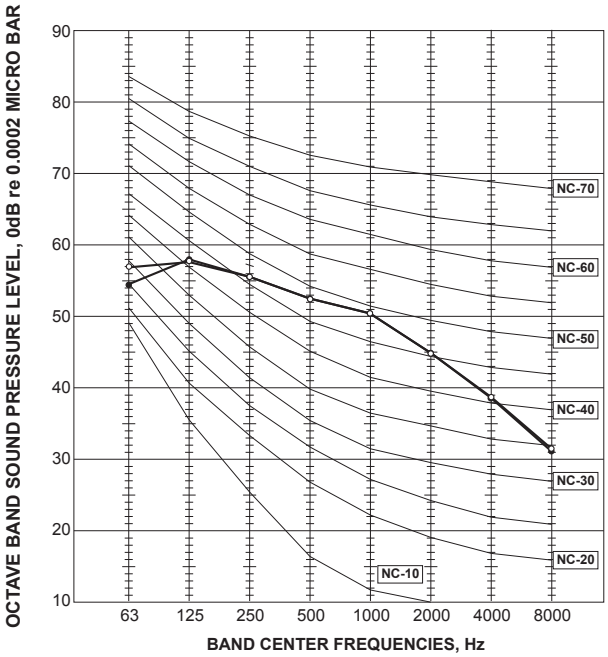
SUZ-SA71VA2

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	55	●—●
	HEATING	55	○—○



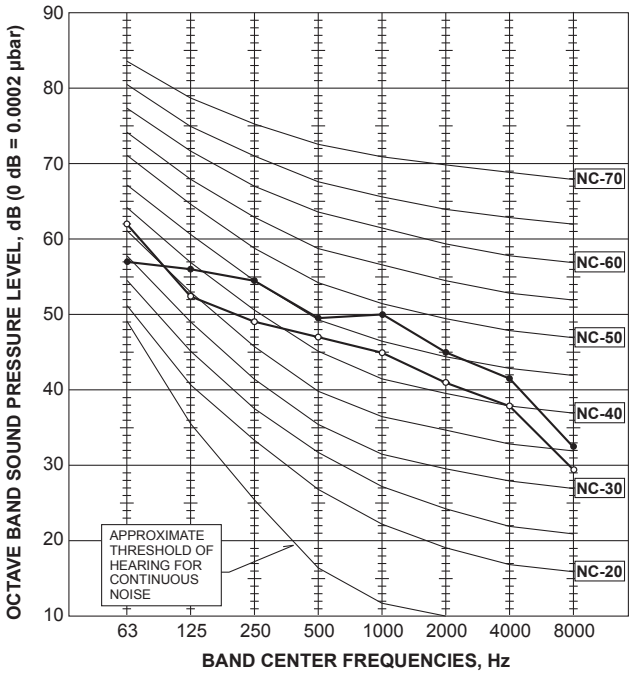
SUZ-SA100VA

FAN SPEED	FUNCTION	SPL(dB(A))	LINE
High	COOLING	55	●—●
	HEATING	55	○—○



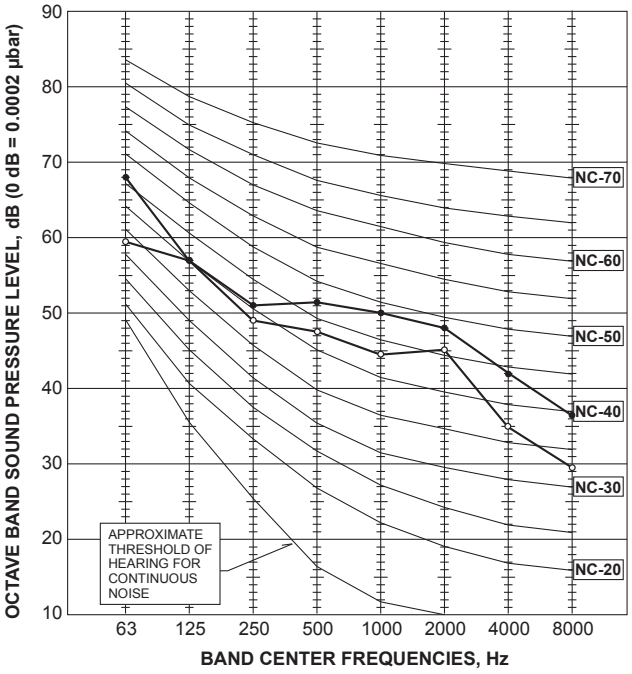
PUHZ-SP100VHA
PUHZ-SP100YHA

MODE	SPL(dB)	LINE
COOLING	50	○—○
HEATING	54	●—●



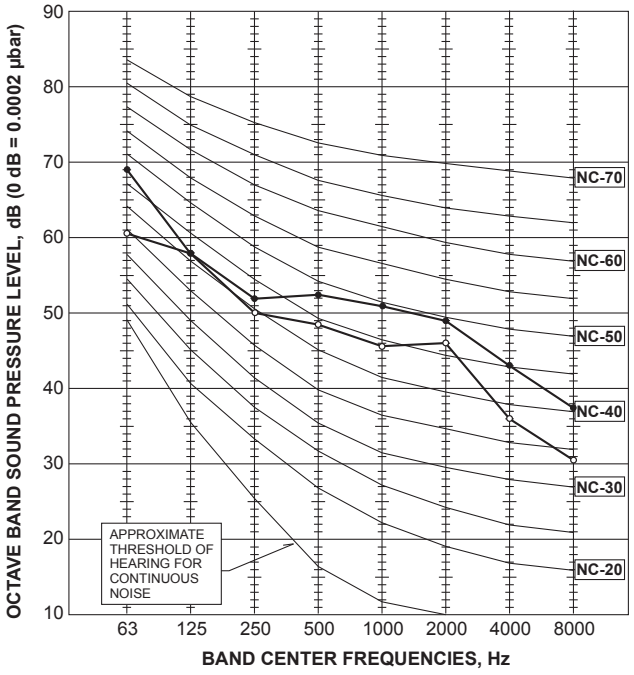
PUHZ-SP125VHA
PUHZ-SP125YHA

MODE	SPL(dB)	LINE
COOLING	51	○—○
HEATING	55	●—●



PUHZ-SP140VHA
PUHZ-SP140YHA

MODE	SPL(dB)	LINE
COOLING	52	○—○
HEATING	56	●—●



A.8.6 EARTHQUAKE-PROOF STRENGTH ANALYSIS

1.Type: ZUBADAN Outdoor unit

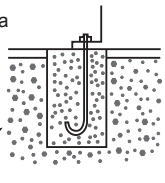
2.Model name: PUHZ-SHW112VHA(-BS)

3.Specification

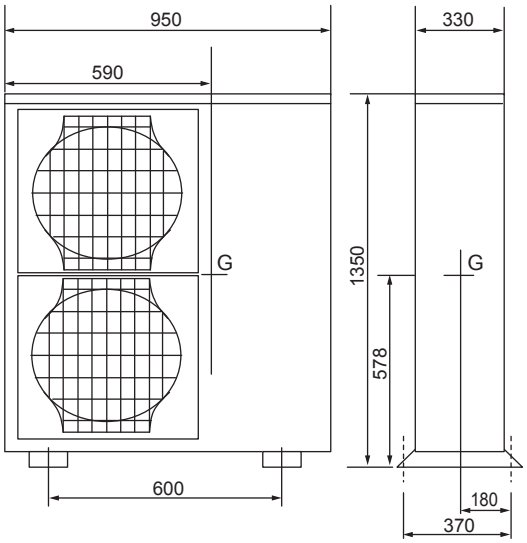
(1) Unit mass	W=	120	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	578	mm=	0.578	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	180	mm(Lg≦L/2)=	0.180	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	1176.0	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	588.0	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	775.5	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	294.0	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	9.9	MPa	＜ft=176.4MPa	
2.The shearing stress.	τ=Q/A=	3.8	MPa	＜fs=132.3MPa	
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	240.9	MPa		
σ= 9.9 MPa	＜ fts=	240.9	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 776	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: ZUBADAN Outdoor unit

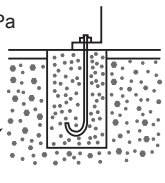
2.Model name: PUHZ-SHW112YHA(-BS),PUHZ-SHW140YHA(-BS)

3.Specification

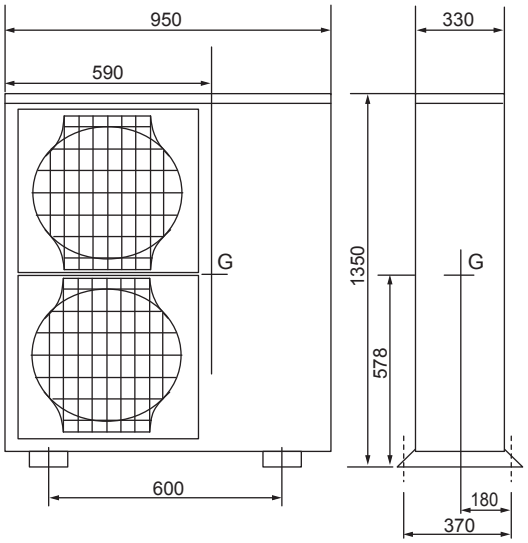
(1) Unit mass	W=	134	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	578	mm=	0.578	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	180	mm(Lg≦L/2)=	0.180	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	1313.2	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	656.6	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$	=	866.0	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	328.3	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	11.1	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	4.2	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	240.2	MPa		
σ= 11.1 MPa	＜ fts=	240.2	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 866	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: ZUBADAN Outdoor unit

2.Model name: PUHZ-SHW230YKA2

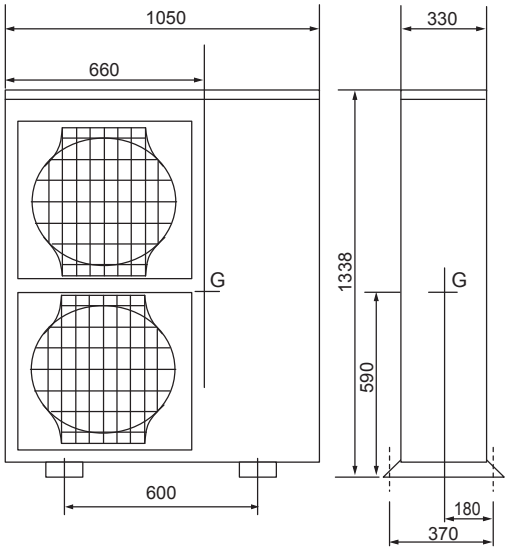
3.Specification

(1) Unit mass	W=	149	kg			
(2) Anchor bolt						
1.The total number of bolts	N=	4				
2.The size and shape	"=M	10	type			
3.The axis section area per one bolt	A=	78	mm^2=	78 ×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	590	mm=	0.590	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	180	mm(Lg≦L/2)=	0.180	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0				
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5				
(3) The horizontal earthquake forces for designing	Fh=Kh･W･9.8=	1460.2	N			
(4) The vertical earthquake forces for designing	Fv=Kv･W･9.8=	730.1	N			
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh･Hg-(W･9.8-Fv)･Lg}{L･Nt}$	=	986.6	N			
(6) The shear forces of the anchor bolt	Q=Fh/N=	365.1	N			
(7) The stress arising to the anchor bolt						
1.The tensile stress	σ=Rb/A=	12.6	MPa	＜ft=176.4MPa		
2.The shearing stress	τ=Q/A=	4.7	MPa	＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time	fts=1.4ft-1.6τ=	239.5	MPa			
σ= 12.3 MPa	＜ fts=	176.4	MPa			
(8) The construction way of the anchor bolt						
1.The construction way of the anchor bolt	=	Boxed J type anchor				
2.The thickness of the concrete	=	120	mm=	0.120	m	
3.The length of buried part of bolt	=	70	mm=	0.070	m	
4.The permissible withdrawal weight	Ta=	3136	N	＞	Rb=	960.1 N

Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

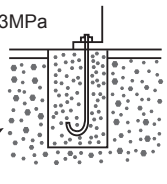
2.Model name: PUHZ-ZRP35VKA

3.Specification

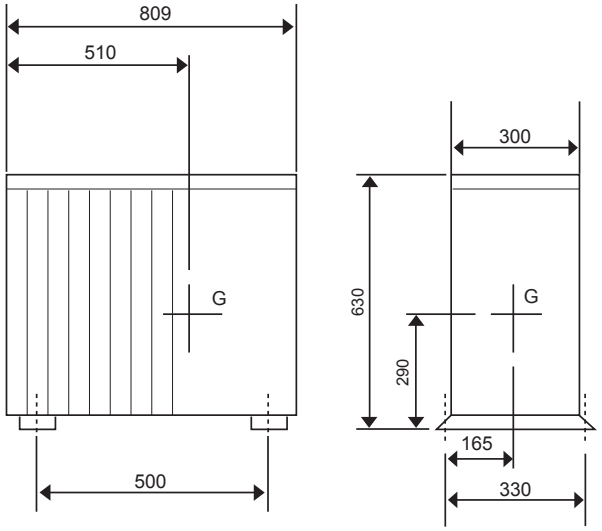
(1) Unit mass	W=	43	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	290	mm=	0.290	m	
(4) The bolt-span from the examination angle	L=	330	mm=	0.330	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	165	mm(Lg≦L/2)=	0.165	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	421.4	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	210.7	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	132.5	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	105.4	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	1.7	MPa	＜ft=176.4MPa	
2.The shearing stress.	τ=Q/A=	1.3	MPa	＜fs=132.3MPa	
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	244.9	MPa		
σ= 1.7 MPa	＜ fts=	244.9	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 129	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

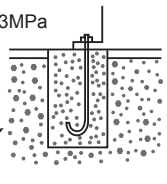
2.Model name: PUHZ-ZRP50VKA

3.Specification

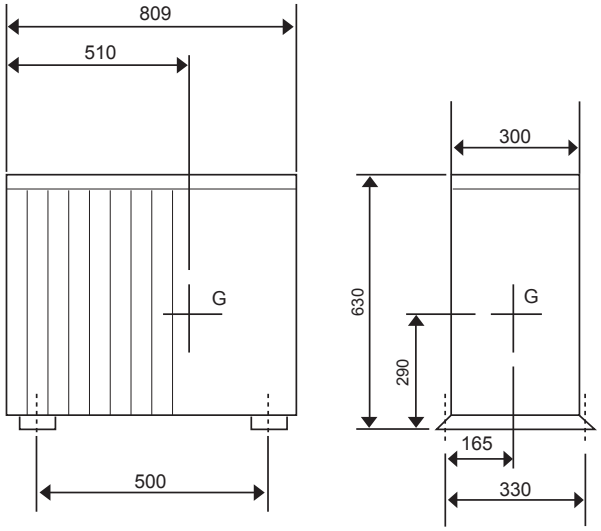
(1) Unit mass	W=	46	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	290	mm=	0.290	m	
(4) The bolt-span from the examination angle	L=	330	mm=	0.330	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	165	mm(Lg≦L/2)=	0.165	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	450.8	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	225.4	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$	=	141.7	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	112.7	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	1.7	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	1.3	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	244.9	MPa		
σ= 1.7 MPa	＜ fts=	244.9	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 129	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

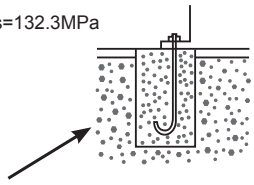
2.Model name: PUHZ-ZRP60VHA, PUHZ-ZRP71VHA

3.Specification

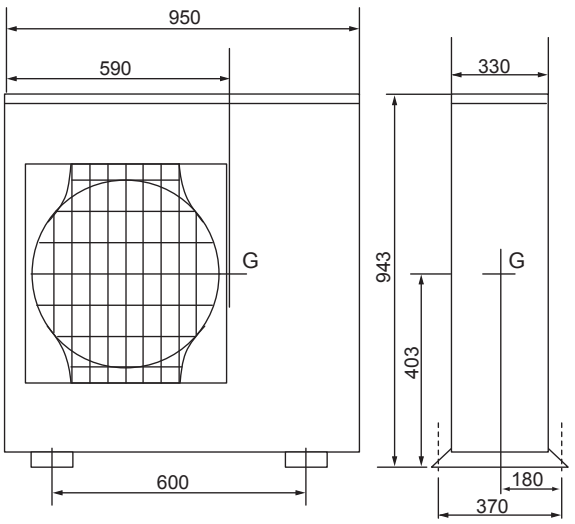
(1) Unit mass	W=	67	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	403	mm=	0.403	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	180	mm(Lg≦L/2)=	0.180	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	656.6	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	328.3	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$	=	277.7	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	164.2	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	3.6	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	2.1	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	243.6	MPa		
σ= 3.6 MPa	＜ fts=	243.6	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 278	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

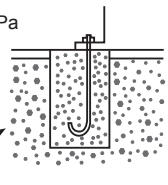
2.Model name: PUHZ-ZRP100VKA2 , PUHZ-ZRP125VKA2

3.Specification

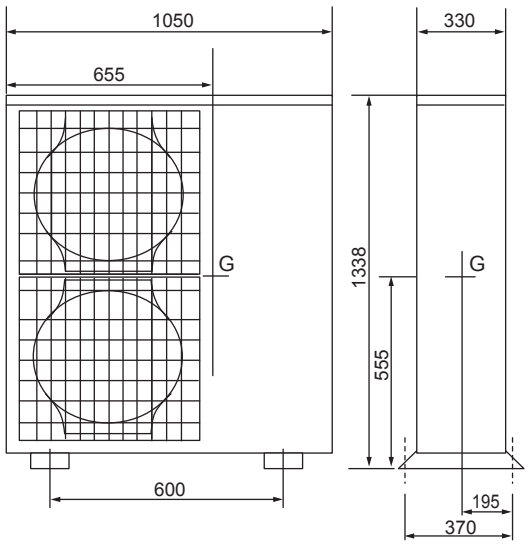
(1) Unit mass	W=	116	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	555	mm=	0.555	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	195	mm(Lg≦L/2)=	0.195	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	1137.6	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	568.8	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hq-(W\cdot 9.8-Fv)\cdot Lq}{L\cdot Nt}$	=	703.3	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	284.4	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	9.0	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	3.6	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	241.1	MPa		
σ= 9.0 MPa	＜ fts=	241.1	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 714	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

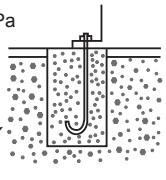
2.Model name: PUHZ-ZRP140VKA2

3.Specification

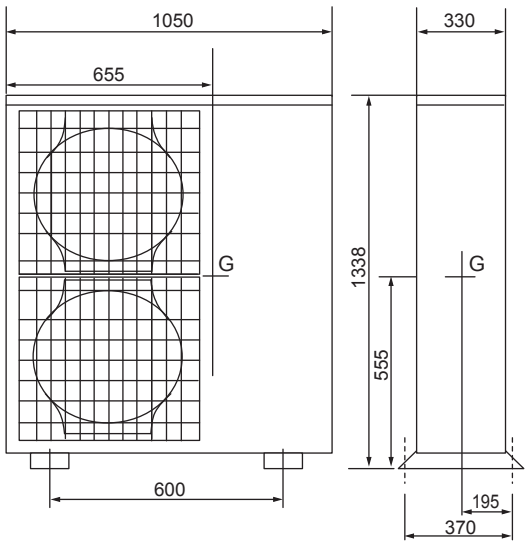
(1) Unit mass	W=	118	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	555	mm=	0.555	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	195	mm(Lg≦L/2)=	0.195	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	1157.2	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	578.6	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	715.4	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	289.3	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	9.2	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	3.7	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	241.0	MPa		
σ= 9.2 MPa	＜ fts=	241.0	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 733	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

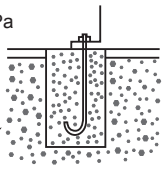
2.Model name: PUHZ-ZRP100YKA2

3.Specification

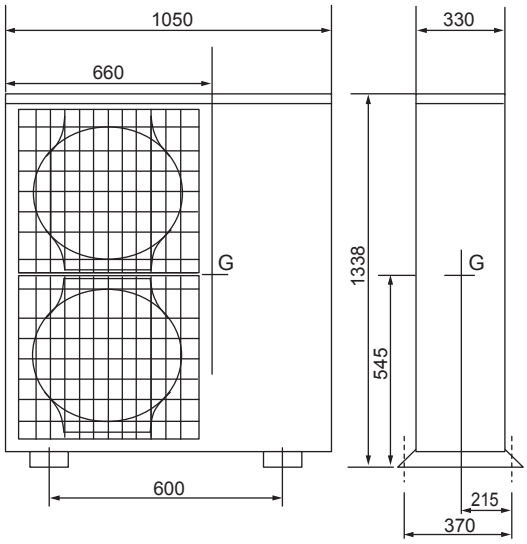
(1) Unit mass	W=	123	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	545	mm=	0.545	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	215	mm(Lg≦L/2)=	0.215	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0				
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5				
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	1206.3	N			
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	603.1	N			
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	713.2	N			
(6) The shear forces of the anchor bolt	Q=Fh/N=	301.6	N			
(7) The stress arising to the anchor bolt						
1.The tensile stress.	σ=Rb/A=	9.1	MPa＜ft=176.4MPa			
2.The shearing stress.	τ=Q/A=	3.9	MPa＜fs=132.3MPa			
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	240.8	MPa			
σ= 9.1 MPa	＜ fts=	240.8	MPa			
(8) The construction way of the anchor bolt						
1.The construction way of the anchor bolt.	=	Boxed J type anchor				
2.The thickness of the concrete.	=	120	mm=	0.120	m	
3.The length of buried part of bolt.	=	70	mm=	0.070	m	
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb=	764	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

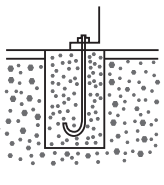
2.Model name: PUHZ-ZRP125YKA2

3.Specification

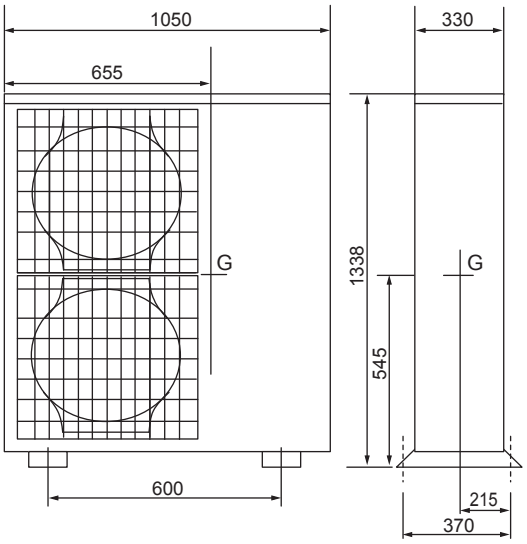
(1) Unit mass	W=	125	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	545	mm=	0.545	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	215	mm(Lg≦L/2)=	0.215	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	1225.9	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	612.9	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	724.8	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	306.5	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	9.3	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	3.9	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	240.7	MPa		
σ= 9.3 MPa	＜ fts=	240.7	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 776	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

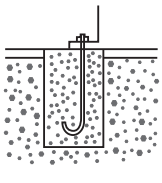
2.Model name: PUHZ-ZRP140YKA2

3.Specification

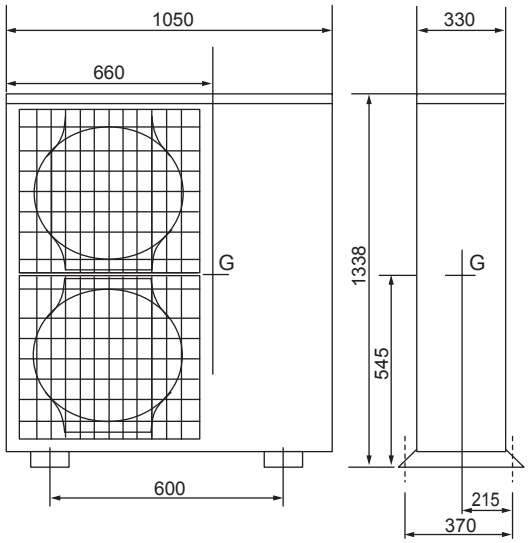
(1) Unit mass	W=	131	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	545	mm=	0.545	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	215	mm(Lg≦L/2)=	0.215	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0				
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5				
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	1284.7	N			
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	642.4	N			
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$	=	759.5	N			
(6) The shear forces of the anchor bolt	Q=Fh/N=	321.2	N			
(7) The stress arising to the anchor bolt						
1.The tensile stress.	σ=Rb/A=	9.7	MPa＜ft=176.4MPa			
2.The shearing stress.	τ=Q/A=	4.1	MPa＜fs=132.3MPa			
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	240.4	MPa			
σ= 9.7 MPa	＜ fts=	240.4	MPa			
(8) The construction way of the anchor bolt						
1.The construction way of the anchor bolt.	=	Boxed J type anchor				
2.The thickness of the concrete.	=	120	mm=	0.120	m	
3.The length of buried part of bolt.	=	70	mm=	0.070	m	
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb=	813	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Power Inverter Outdoor unit

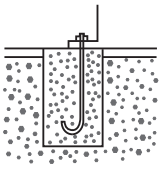
2.Model name: PUHZ-ZRP200YKA, PUHZ-ZRP250YKA

3.Specification

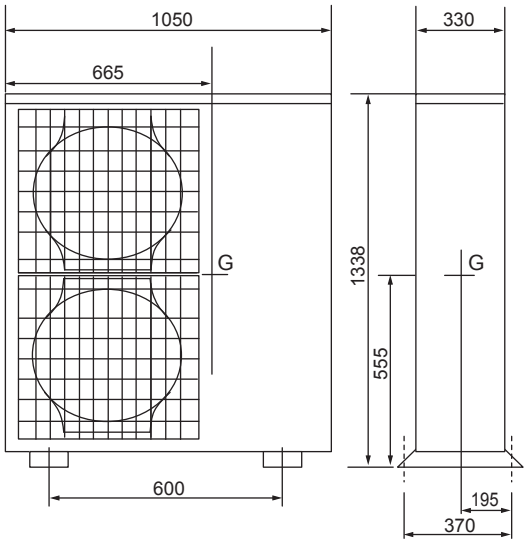
(1) Unit mass	W=	135	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	555	mm=	0.555	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	195	mm(Lg≦L/2)=	0.195	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	1323.9	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	662.0	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	818.5	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	331.0	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	10.5	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	4.2	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	240.2	MPa		
σ= 10.5 MPa	＜ fts=	240.2	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 831	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Mr.Slim+

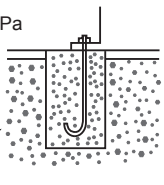
2.Model name: PUHZ-FRP71VHA

3.Specification

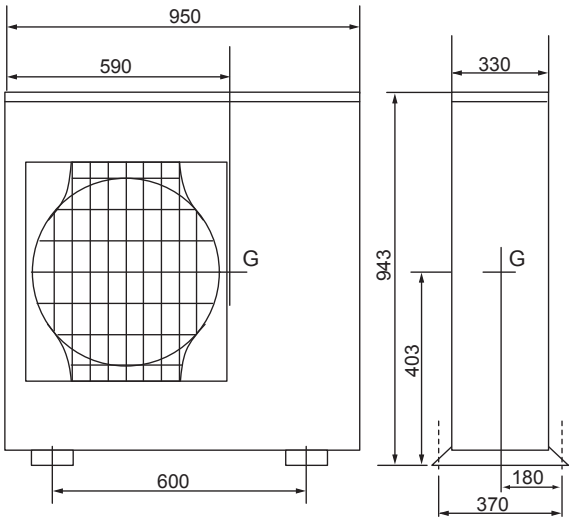
(1) Unit mass	W=	73	kg			
(2) Anchor bolt						
1.The total number of bolts	N=	4				
2.The size and shape	"=M	10	type			
3.The axis section area per one bolt	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	445	mm=	0.445	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	185	mm(Lg≦L/2)=	0.185	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0				
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5				
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	715.4	N			
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	357.7	N			
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	340.8	N			
(6) The shear forces of the anchor bolt	Q=Fh/N=	178.9	N			
(7) The stress arising to the anchor bolt						
1.The tensile stress	σ=Rb/A=	4.4	MPa＜ft=176.4MPa			
2.The shearing stress	τ=Q/A=	2.3	MPa＜fs=132.3MPa			
3.The stress when affected by both the shearing and the tensile at the same time	fts=1.4ft-1.6τ=	242.7	MPa			
σ= 4.4 MPa	＜ fts=	242.7	MPa			
(8) The construction way of the anchor bolt						
1.The construction way of the anchor bolt	=	Boxed J type anchor				
2.The thickness of the concrete	=	120	mm=	0.120	m	
3.The length of buried part of bolt	=	70	mm=	0.070	m	
4.The permissible withdrawal weight	Ta=	3136	N ＞	Rb=	340.8	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Standard Inverter Outdoor unit

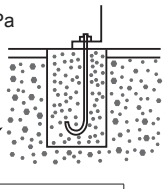
2.Model name: PUHZ-P100VHA4

3.Specification

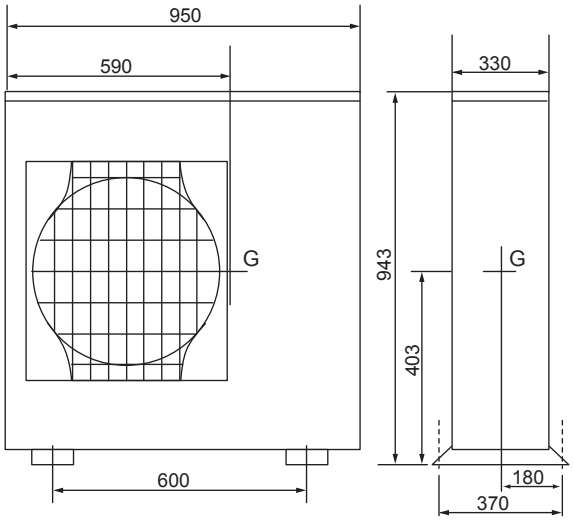
(1) Unit mass	W=	75	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	403	mm=	0.403	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	180	mm(Lg≦L/2)=	0.180	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	735.0	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	367.5	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	310.9	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	183.8	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	4.0	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	2.4	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	243.1	MPa		
σ= 4.0 MPa	＜ fts=	243.1	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 311	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Standard Inverter Outdoor unit

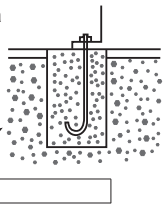
2.Model name: PUHZ-P125VHA3 , PUHZ-P140VHA3

3.Specification

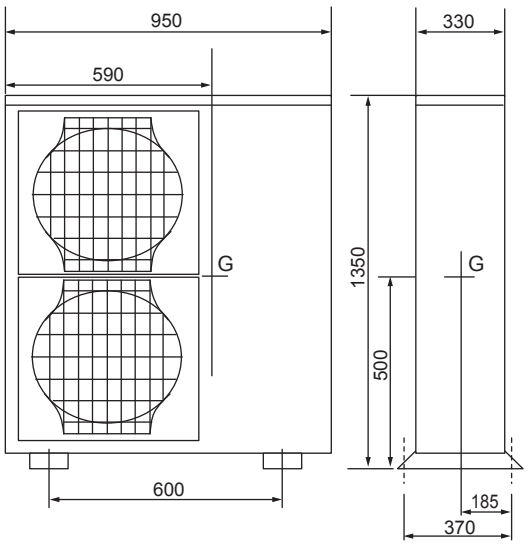
(1) Unit mass	W=	99	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78 $\times 10^{-6}$	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	500	mm=	0.500	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	185	mm(Lg≦L/2)=	0.185	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0				
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5				
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	970.2	N			
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	485.1	N			
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	534.3	N			
(6) The shear forces of the anchor bolt	Q=Fh/N=	242.6	N			
(7) The stress arising to the anchor bolt						
1.The tensile stress.	σ=Rb/A=	6.8	MPa＜ft=176.4MPa			
2.The shearing stress.	τ=Q/A=	3.1	MPa＜fs=132.3MPa			
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	242.0	MPa			
σ= 6.8 MPa	＜ fts=	242.0	MPa			
(8) The construction way of the anchor bolt						
1.The construction way of the anchor bolt.	=	Boxed J type anchor				
2.The thickness of the concrete.	=	120	mm=	0.120	m	
3.The length of buried part of bolt.	=	70	mm=	0.070	m	
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb=	534	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Standard Inverter Outdoor unit

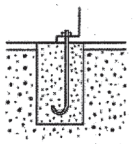
2.Model name: PUHZ-P100YHA2

3.Specification

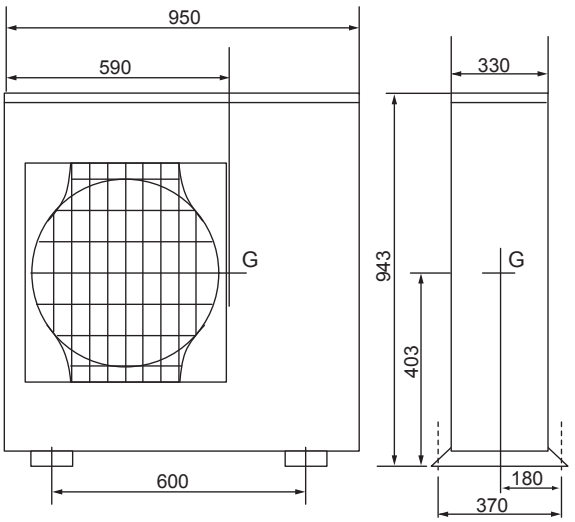
(1) Unit mass	W=	77	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	403	mm=	0.403	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0 370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	180	mm(Lg≦L/2)=	0.180	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	754.6	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	377.3	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	319.2	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	188.7	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	4.1	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	2.4	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6τ =	243.1	MPa			
σ= 4.1 MPa	＜ fts=	243.1	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 319	N



Since the results from the examination above, the anchor bolt has enough strength



1.Type: Standard Inverter Outdoor unit

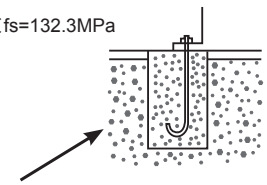
2.Model name: PUHZ-P125YHA, PUHZ-P140YHA

3.Specification

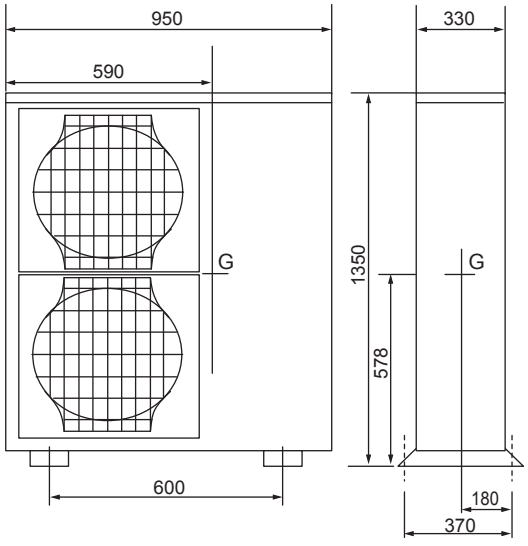
(1) Unit mass	W=	101	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	500	mm=	0.500	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	185	mm(Lg≦L/2)=	0.185	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0				
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5				
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	989.8	N			
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	494.9	N			
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$	=	545.1	N			
(6) The shear forces of the anchor bolt	Q=Fh/N=	247.5	N			
(7) The stress arising to the anchor bolt						
1.The tensile stress.	σ=Rb/A=	7.0	MPa＜ft=176.4MPa			
2.The shearing stress.	τ=Q/A=	3.2	MPa＜fs=132.3MPa			
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	241.8	MPa			
σ= 7.0 MPa	＜ fts=	241.8	MPa			
(8) The construction way of the anchor bolt						
1.The construction way of the anchor bolt.	=	Boxed J type anchor				
2.The thickness of the concrete.	=	120	mm=	0.120	m	
3.The length of buried part of bolt.	=	70	mm=	0.070	m	
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb=	311	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Standard Inverter Outdoor unit

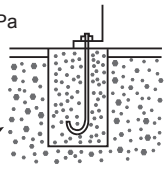
2.Model name: PUHZ-P200YKA

3.Specification

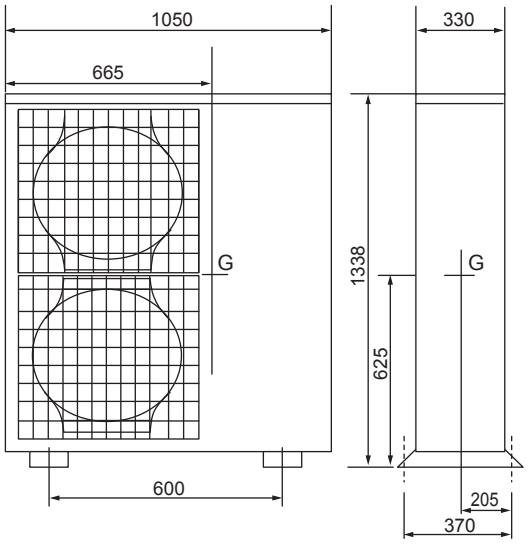
(1) Unit mass	W=	127	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	625	mm=	0.625	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	205	mm(Lg≦L/2)=	0.205	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0				
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5				
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	1245.5	N			
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	622.7	N			
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$	=	879.4	N			
(6) The shear forces of the anchor bolt	Q=Fh/N=	311.4	N			
(7) The stress arising to the anchor bolt						
1.The tensile stress.	σ=Rb/A=	11.3	MPa＜ft=176.4MPa			
2.The shearing stress.	τ=Q/A=	4.0	MPa＜fs=132.3MPa			
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	240.6	MPa			
σ= 11.3 MPa	＜ fts=	240.6	MPa			
(8) The construction way of the anchor bolt						
1.The construction way of the anchor bolt.	=	Boxed J type anchor				
2.The thickness of the concrete.	=	120	mm=	0.120	m	
3.The length of buried part of bolt.	=	70	mm=	0.070	m	
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb=	831	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Standard Inverter Outdoor unit

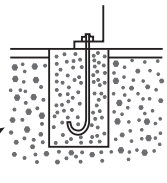
2.Model name: PUHZ-P250YKA

3.Specification

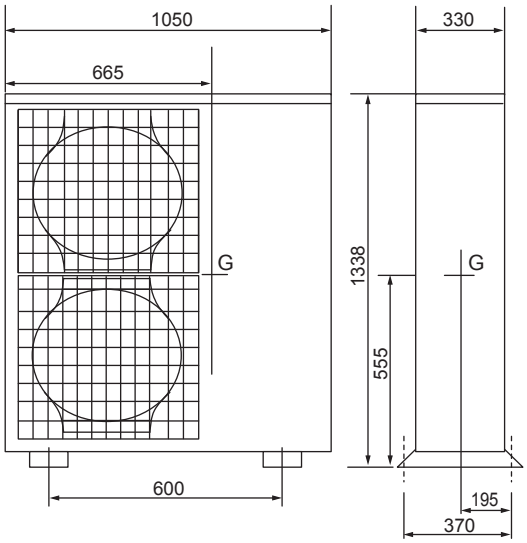
(1) Unit mass	W=	135	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	555	mm=	0.555	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	180	mm(Lg≦L/2)=	0.180	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0				
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5				
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	1323.9	N			
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	662.0	N			
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$	=	818.5	N			
(6) The shear forces of the anchor bolt	Q=Fh/N=	331.0	N			
(7) The stress arising to the anchor bolt						
1.The tensile stress.	σ=Rb/A=	10.5	MPa＜ft=176.4MPa			
2.The shearing stress.	τ=Q/A=	4.2	MPa＜fs=132.3MPa			
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	240.2	MPa			
σ= 10.5 MPa	＜ fts=	240.2	MPa			
(8) The construction way of the anchor bolt						
1.The construction way of the anchor bolt.	=	Boxed J type anchor				
2.The thickness of the concrete.	=	120	mm=	0.120	m	
3.The length of buried part of bolt.	=	70	mm=	0.070	m	
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb=	868	N



Since the results from the examination above, the anchor bolt has enough strength.



Earthquake-proof strength analysis <Anchor bolt>

1.Type: Economy Inverter Outdoor unit

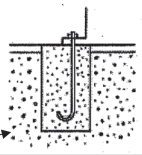
2.Model name: SUZ-SA71VA2

3.Specification

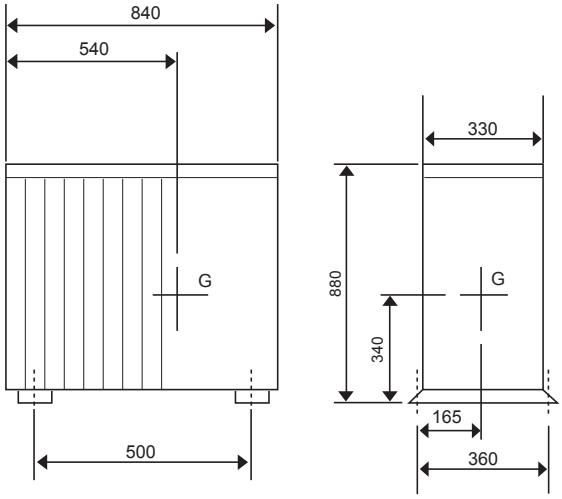
(1) Unit mass	W=	52	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	340	mm=	0.340	m	
(4) The bolt-span from the examination angle	L=	360	mm=	0.360	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	165	mm(Lg≦L/2)=	0.165	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coeffcient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	509.6	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	254.8	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	182.3	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	127.4	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	2.3	MPa	＜ft=176.4MPa	
2.The shearing stress.	τ=Q/A=	1.6	MPa	＜fs=132.3MPa	
3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6 τ =		244.4	MPa		
σ= 2.4 MPa	＜ fts=	244.4	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb 182	N



Since the results from the examination above, the anchor bolt has enough strength



Earthquake-proof strength analysis <Anchor bolt>

1.Type: Economy Inverter Outdoor unit

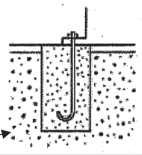
2.Model name: SUZ-SA100VA

3.Specification

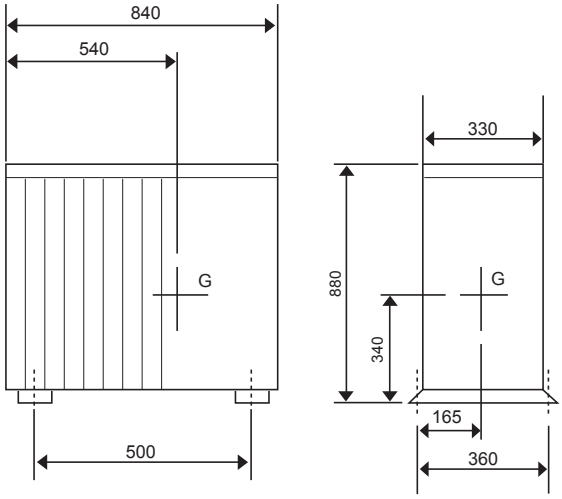
(1) Unit mass	W=	56	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	340	mm=	0.340	m	
(4) The bolt-span from the examination angle	L=	360	mm=	0.360	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	165	mm(Lg≦L/2)=	0.165	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coeffcient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	548.8	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	274.4	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	196.3	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	137.2	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	2.5	MPa	＜ft=176.4MPa	
2.The shearing stress.	τ=Q/A=	1.8	MPa	＜fs=132.3MPa	
3.The stress when affected by both the shearing and the tensile at the same time. fts=1.4ft-1.6τ =		244.1	MPa		
σ= 2.4 MPa	＜ fts=	244.1	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb 196	N



Since the results from the examination above, the anchor bolt has enough strength



1.Type: Economy Inverter Outdoor unit

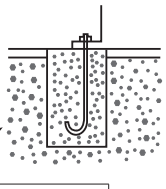
2.Model name: PUHZ-SP100VHA

3.Specification

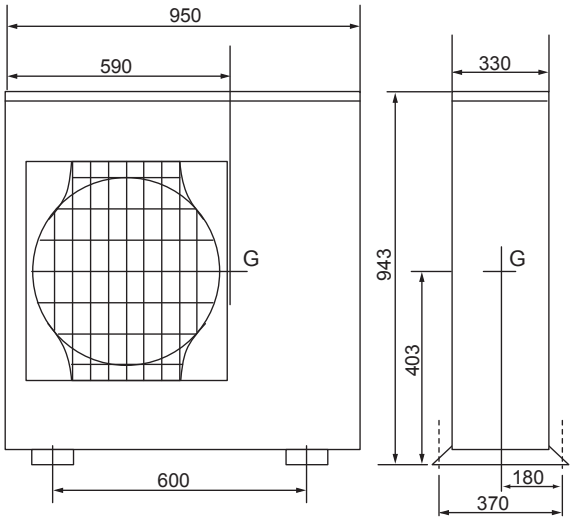
(1) Unit mass	W=	75	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	403	mm=	0.403	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	180	mm(Lg≦L/2)=	0.180	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	735.0	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	367.5	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	310.9	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	183.8	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	4.0	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	2.4	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	243.1	MPa		
σ= 4.0 MPa	＜ fts=	243.1	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 311	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Economy Inverter Outdoor unit

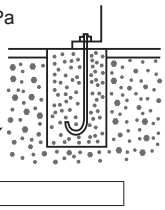
2.Model name: PUHZ-SP125VHA, PUHZ-SP140VHA

3.Specification

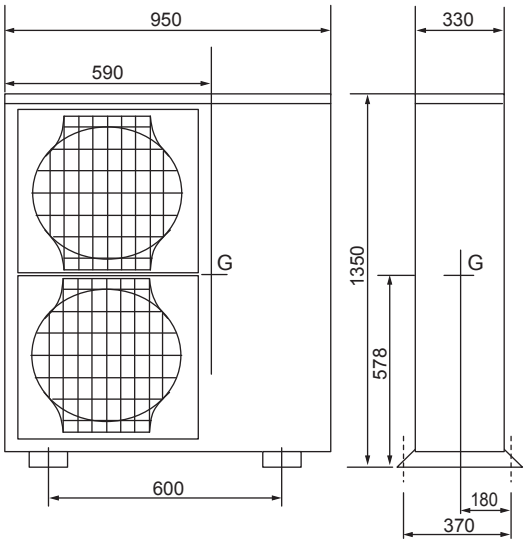
(1) Unit mass	W=	99	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	500	mm=	0.500	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	185	mm(Lg≦L/2)=	0.185	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0				
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5				
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	970.2	N			
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	485.1	N			
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$	=	534.3	N			
(6) The shear forces of the anchor bolt	Q=Fh/N=	242.6	N			
(7) The stress arising to the anchor bolt						
1.The tensile stress.	σ=Rb/A=	6.8	MPa＜ft=176.4MPa			
2.The shearing stress.	τ=Q/A=	3.1	MPa＜fs=132.3MPa			
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	242.0	MPa			
σ= 6.8 MPa	＜ fts=	242.0	MPa			
(8) The construction way of the anchor bolt						
1.The construction way of the anchor bolt.	=	Boxed J type anchor				
2.The thickness of the concrete.	=	120	mm=	0.120	m	
3.The length of buried part of bolt.	=	70	mm=	0.070	m	
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb=	311	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Economy Inverter Outdoor unit

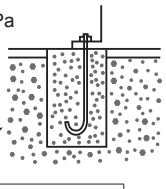
2.Model name: PUHZ-SP100YHA

3.Specification

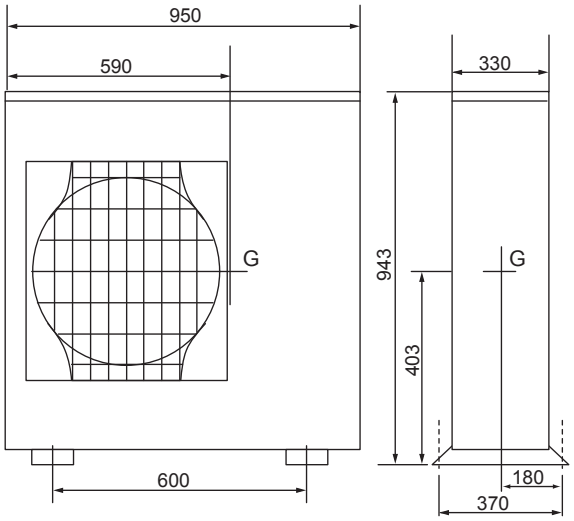
(1) Unit mass	W=	77	kg			
(2) Anchor bolt						
1.The total number of bolts.	N=	4				
2.The size and shape.	"=M	10	type			
3.The axis section area per one bolt.	A=	78	mm^2=	78×10^{-6}	m^2	
4.The total number of bolts in one side which be pulled stronger when the unit inverted.	Nt=	2				
(3) The height between the installing surface and the center of gravity of the unit	Hg=	403	mm=	0.40.	m	
(4) The bolt-span from the examination angle	L=	370	mm=	0.370	m	
(5) The distance between the center of bolt and the center of gravity of the unit	Lg=	180	mm(Lg≦L/2)=	0.180	m	

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing	Kh=	1.0			
(2) The vertical seismic coefficient for designing	Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing	Fh=Kh·W·9.8=	754.6	N		
(4) The vertical earthquake forces for designing	Fv=Kv·W·9.8=	377.3	N		
(5) The withdrawal strength of the anchor bolt $Rb=\frac{Fh\cdot Hg-(W\cdot 9.8-Fv)\cdot Lg}{L\cdot Nt}$	=	319.2	N		
(6) The shear forces of the anchor bolt	Q=Fh/N=	188.7	N		
(7) The stress arising to the anchor bolt					
1.The tensile stress.	σ=Rb/A=	4.1	MPa＜ft=176.4MPa		
2.The shearing stress.	τ=Q/A=	2.4	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.	fts=1.4ft-1.6τ=	243.1	MPa		
σ= 4.1 MPa	＜ fts=	243.1	MPa		
(8) The construction way of the anchor bolt					
1.The construction way of the anchor bolt.	=	Boxed J type anchor			
2.The thickness of the concrete.	=	120	mm=	0.120	m
3.The length of buried part of bolt.	=	70	mm=	0.070	m
4.The permissible withdrawal weight.	Ta=	3136	N ＞	Rb= 311	N



Since the results from the examination above, the anchor bolt has enough strength.



1.Type: Economy Inverter Outdoor unit

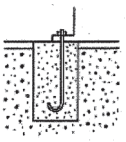
2.Model name: PUHZ-P125YHA , PUHZ-P140YHA

3.Specification

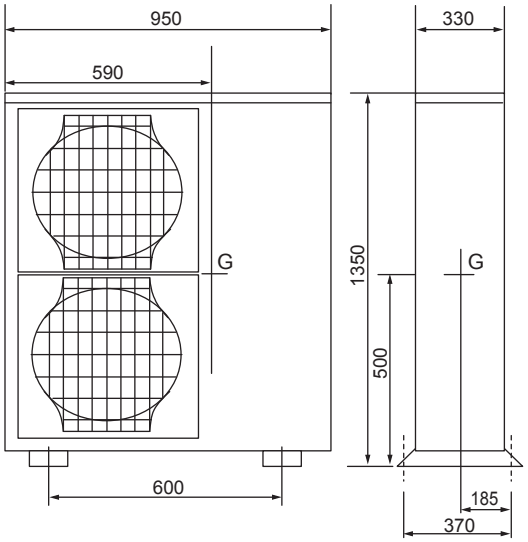
(1) Unit mass		W=	101	kg		
(2) Anchor bolt						
1.The total number of bolts.		N=	4			
2.The size and shape.		"=M	10	type		
3.The axis section area per one bolt.		A=	78	mm^2=	78×10^{-6}	m^2
4.The total number of bolts in one side which be pulled stronger when the unit inverted.		Nt=	2			
(3) The height between the installing surface and the center of gravity of the unit		Hg=	500	mm=	0.500	m
(4) The bolt-span from the examination angle		L=	370	mm=	0.370	m
(5) The distance between the center of bolt and the center of gravity of the unit		Lg=	185	mm(Lg≦L/2)=	0.185	m

4.The examination calculation (by rounding off to the first decimal place of each item)

(1) The horizontal seismic coefficient for designing		Kh=	1.0			
(2) The vertical seismic coefficient for designing		Kv=Kh/2=	0.5			
(3) The horizontal earthquake forces for designing		Fh=Kh·W·9.8=	989.8	N		
(4) The vertical earthquake forces for designing		Fv=Kv·W·9.8=	494.9	N		
(5) The withdrawal strength of the anchor bolt	$Rb=\frac{Fh \cdot Hg-(W \cdot 9.8-Fv) \cdot Lg}{L \cdot Nt}$	=	545.1	N		
(6) The shear forces of the anchor bolt		Q=Fh/N=	247.5	N		
(7) The stress arising to the anchor bolt						
1.The tensile stress.		σ=Rb/A=	7.0	MPa＜ft=176.4MPa		
2.The shearing stress.		τ=Q/A=	3.2	MPa＜fs=132.3MPa		
3.The stress when affected by both the shearing and the tensile at the same time.		fts=1.4ft-1.6τ=	241.8	MPa		
	σ= 7.0 MPa	＜ fts=	241.8	MPa		
(8) The construction way of the anchor bolt						
1.The construction way of the anchor bolt.		=	Boxed J type anchor			
2.The thickness of the concrete.		=	120	mm=	0.120	m
3.The length of buried part of bolt.		=	70	mm=	0.070	m
4.The permissible withdrawal weight.		Ta=	3136	N ＞	Rb= 545	N



Since the results from the examination above, the anchor bolt has enough strength



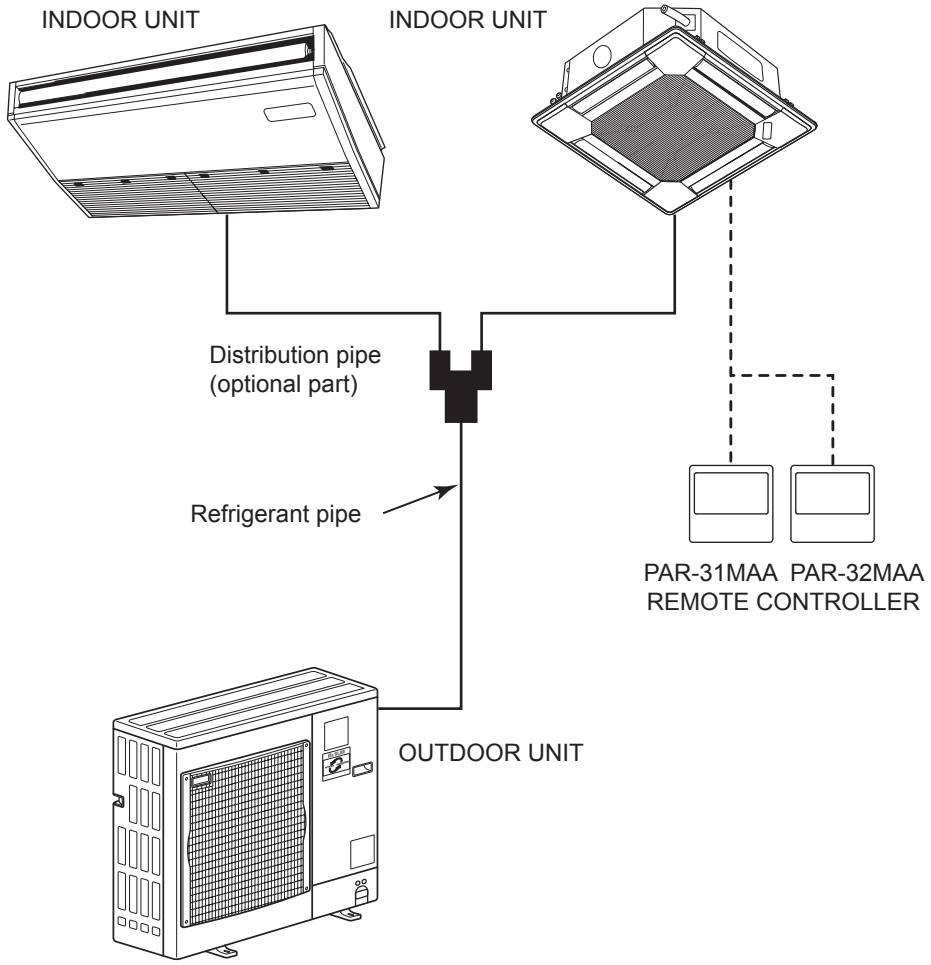
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A.9 MULTI SYSTEM

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A.9.1 2,3 & 4-WAY MULTI SYSTEM

A single outdoor unit has sufficient power to serve up to 4 indoor units, and 1 remote controller can be used to manage all unit. If 2 remote controllers are available, they can be used as main and sub control terminals. Multi-Distributor piping for greater system installation flexibility is also available.



Advantage of Mr.Slim Multi System

1) Equally comfortable air conditioning for big space with multiple indoor units.
2) Various indoor unit combinations available.
3) Reduction of installation space of outdoor unit.
4) Automatic address setting for easy installation.

Procedure of selection

Selection of outdoor unit ⇒ Selection of indoor unit ⇒ Selection of distribution pipe

A.9.2 MULTI SYSTEM COMBINATION CHART

1. Combination chart

Inverter outdoor unit
PUHZ-ZRP·VHA, PUHZ-ZRP·V(Y)KA(2)
PUHZ-SHW·V(Y)(2)(-BS)
PUHZ-P·VHA(3)(4), PUHZ-P·YHA(2)(3), PUHZ-P·YKA

Outdoor unit	Indoor unit		
	Twin	Triple	Quadruple
ZRP71	35 × 2	—	—
ZRP100,SHW112,P100	50 × 2	—	—
ZRP125,SHW140,P125	60 × 2	—	—
ZRP140,P140	71 × 2	50 × 3	—
ZRP200,SHW230, P250	100 × 2	60 × 3	50 × 4
ZRP250,P250	125 × 2	71 × 3	60 × 4
Distribution pipe	MSDD-50TR-E (MSDD-50SR-E) (For 71-140)	MSDT-111R-E	MSDF-1111R-E
	MSDD-50WR-E (For 200/250)		

A.9.3 REFRIGERANT PIPING

A.9.3.1 PUHZ-ZRP71VHA/PUHZ-ZRP100·125·140V(Y)KA2/PUHZ-SHW112·140V(Y)HA(-BS)

1. PIPE LENGTH

(1) 1:1 SYSTEM

Pipe length

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	ϕ6.35			ϕ9.52			ϕ12.7	
	Thickness	t0.8			t0.8			t0.8	
Gas pipe (mm)	OD	ϕ9.52	ϕ12.7	ϕ15.88	ϕ12.7	ϕ15.88	ϕ19.05	ϕ15.88	ϕ19.05
	Thickness	t0.8	t0.8	t1.0	t0.8	t1.0	t1.0	t1.0	t1.0
ZRP35•50		□ 30m ※1 [30m]	Standard size 50m [30m]	○※2 30m [30m]	△ 30m [20m]	△※2 30m [20m]			
ZRP60•71			□ 10m [10m]	○ 10m [10m]	□ 30m [30m]	Standard size 50m [30m]		△ 30m [20m]	
ZRP100~140 SHW112						Standard size 50m ※3 [30m]	○ 50m [30m]	△ 50m [20m]	△ 50m [20m]

<Marks in the table>

○ : It can be used.
□ : Cooling capacity is lowered.
△ : Additional refrigerant charge is required when the pipe length exceeds 10m.
50m [30m] — The maximum pipe length / Charge-less pipe length

※1. ZRP50 : maximum pipe length is 10m.
※2. Change the SW8-1 on the outdoor controller circuit board from OFF to ON.
※3. The maximum length is 75m in case of new pipes.

(2) TWIN AND TRIPLE SYSTEM

(a) TWIN SYSTEM

<Table 2> Maximum pipe length

			ZRP71(35×2)		SHW112(50×2)• ZRP100(50×2)			SHW140(60×2)• ZRP125(60×2) • ZRP140(71×2)		
Main pipe (mm) [A]	Liquid pipe		ϕ6.35	ϕ9.52	ϕ9.52	ϕ9.52	ϕ12.7	ϕ9.52	ϕ9.52	ϕ12.7
	Gas pipe		ϕ12.7	ϕ15.88	ϕ15.88	ϕ19.05	ϕ19.05	ϕ15.88	ϕ19.05	ϕ19.05
Branch pipe (mm) [B, C]	Liquid pipe	ϕ6.35		Standard size 50m [30m]	Standard size 50m ※ [30m]	○ 50m [30m]	△ 50m [20m]			
	Gas pipe	ϕ12.7								
	Liquid pipe	ϕ9.52		○ 50m [30m]	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]	Standard size 50m ※ [30m]	○ 50m [30m]	△ 50m [20m]
	Gas pipe	ϕ15.88								
	Liquid pipe	ϕ12.7								
	Gas pipe	ϕ19.05								

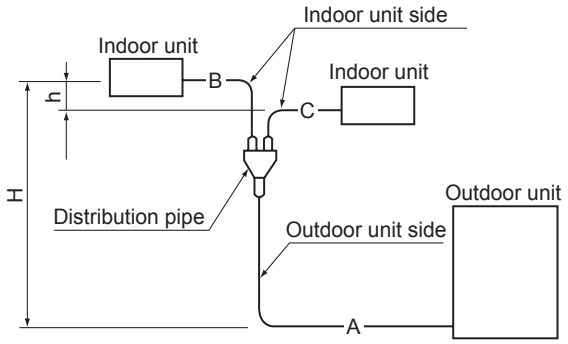
※ The maximum length is 75m in case of new pipes.

(b) TRIPLE SYSTEM

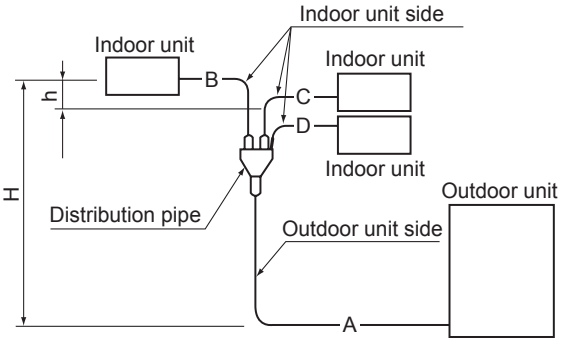
<Table 3> Maximum pipe length

			ZRP140(50×3)		
Main pipe (mm) [A]	Liquid pipe		ø9.52	ø9.52	ø12.7
	Gas pipe		ø15.88	ø19.05	ø19.05
Branch pipe (mm) [B, C, D]	Liquid pipe	ø6.35	Standard size 50m ※ [30m]	○ 50m [30m]	△ 50m [20m]
	Gas pipe	ø12.7			
	Liquid pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 50m [20m]
	Gas pipe	ø15.88			
	Liquid pipe	ø12.7			
	Gas pipe	ø19.05			

※ The maximum length is 75m in case of new pipes.



<TWIN SYSTEM>
Total length A + B + C
ZRP71 : 50 m
ZRP100-140: 75 m
SHW112,140: 75 m



<TRIPLE SYSTEM>
Total length A + B + C + D
ZRP140: 75 m

2. ADJUSTING THE AMOUNT OF REFRIGERANT

• Check additional refrigerant charging amount referring to table 5, 6 when liquid pipe is 1 size larger than standard diameter.

<Table 5> Required additional charge when the pipe size is 1 size larger than the standard diameter (1:1 SYSTEM)

Outdoor unit	Liquid pipe O.D.	Refrigerant amount to be added
PUHZ-ZRP35,50	ϕ9.52	60 g per 1 m
PUHZ-ZRP60,71	ϕ12.7	100 g per 1 m
PUHZ-ZRP100~140 PUHZ-SHW112·140	ϕ12.7	100 g per 1 m

<Table 6> Required additional charge when the pipe size is 1 size larger than the standard diameter (TWIN/TRIPLE SYSTEM)

Outdoor unit	When the extension pipe length (main piping + branch piping) exceeds 20 m
PUHZ-ZRP71~140 PUHZ-SHW112·140	Additional refrigerant amount △W(g) = (100 × L1) + (60 × L2) + (30 × L3) - 2000

If the calculation produces a negative number (△W ≦ 0), additional charging is not necessary.
L1: ϕ12.7 liquid pipe length (m)
L2: ϕ9.52 liquid pipe length (m)
L3: ϕ6.35 liquid pipe length (m)

<Table 7> Additional refrigerant charging amount for pipe of standard diameter

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 60m	61 – 70m	71 – 75m
1 : 1 system	PUHZ-ZRP35	50m or less	2.2kg	0.2kg	0.4kg			
	PUHZ-ZRP50		2.4kg	0.2kg	0.4kg			
	PUHZ-ZRP71		3.5kg	0.6kg	1.2kg			
	PUHZ-ZRP100~140	75m or less	5.0kg	0.6kg	1.2kg	1.8kg	2.4kg	
	PUHZ-SHW112·140	75m or less	5.5kg	0.6kg	1.2kg	1.8kg	2.4kg	

Type	Outdoor unit	Permitted pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)				
				31 – 40m	41 – 50m	51 – 60m	61– 70m	71 – 75m
Twin Triple system	PUHZ-ZRP71	50m or less	3.5kg	0.6kg	1.2kg			
	PUHZ-ZRP100~140	75m or less	5.0kg	0.6kg	1.2kg	1.8kg	2.4kg	
	PUHZ-SHW112·140	75m or less	5.5kg	0.6kg	1.2kg	1.8kg	2.4kg	

A.9.3.2 PUHZ-SP100/125/140VHA, PUHZ-SP100/125/140YHA

1. PIPE LENGTH

1:1 SYSTEM

<Table 1> Maximum pipe length

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
SP100			Standard size 30 m [20 m]	○ 30 m [20 m]	△ 25 m [10 m]	△ 25 m [10 m]
SP125, SP140			Standard size 40 m [30 m]	○ 40 m [30 m]	△ 30 m [10 m]	△ 30 m [10 m]

<Marks in the table>

○: It can be used.
□: Cooling capacity is lowered.
△: Additional refrigerant charge is required when the pipe length exceeds 10 m(SP100–140).

30 m [20 m]
- The maximum pipe length
- Charge-less pipe length

2. ADJUSTING THE AMOUNT OF REFRIGERANT

• Check additional refrigerant charging amount referring to table 5, 6 when liquid pipe is one size larger than standard diameter.

<Table 2> Required additional charge when the liquid pipe is one size larger than the standard diameter (1:1 SYSTEM)

	Liquid pipe dia.	Chargeless	Max. pipe length	Refrigerant amount to be added
SP100	ϕ12.7	10 m	25 m	100 g per 1 m longer than 10 m
SP125/140	ϕ12.7	10 m	30 m	100 g per 1 m longer than 10 m

If the calculation produces a negative number (△W ≦ 0), additional charging is not necessary.

<Table 3> Additional refrigerant charging amount for pipe of standard diameter

Outdoor unit	Max. pipe length	Amount of unit filling refrigerant (kg)	Additional refrigerant charging amount for pipe length exceeding 30 m (kg)	
			21– 30 m	31– 40 m
PUHZ-SP100VHA PUHZ-SP100YHA	30 m	3.0 kg	0.6 kg	
PUHZ-SP125VHA PUHZ-SP125YHA	40 m	4.5 kg		0.6kg
PUHZ-SP140VHA PUHZ-SP140YHA	40 m	4.5 kg		0.6kg

A.9.3.3 PUHZ-ZRP200·ZRP250YKA·PUHZ-SHW230YKA2

1. 1:1 SYSTEM

(1) Pipe length

<Table 1> Maximum pipe length (ZRP200, ZRP250, SHW230)

Liquid pipe (mm)	O.D.	ϕ9.52				ϕ12.7				ϕ15.88			
	Thick-ness	t0.8				t0.8				t1.0			
Gas pipe (mm)	O.D.	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
	Thick-ness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1
ZRP200		□ 20m [20m]	□ 100m [30m]	Standard size ○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
ZRP250		□ 20m [20m]	□ 100m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	Standard size ○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]

Note : Be sure to use hard (tempered) one for pipe over ϕ22.2.

<Marks in the table above>

○: It can be used.
□: Cooling capacity is lowered.
△: Additional refrigerant charge is required when the pipe length exceeds 20m.

100m [30m] — The maximum pipe length / Charge-less pipe length

(2) Adjusting the amount of refrigerant

Check additional refrigerant charging amount referring to table 7 when the liquid pipe diameter is 1 size larger than the standard size, and table 2 when the pipe of the standard diameter is used.

<Table 2>

Outdoor unit	permitted pipe length	Initial charge (kg)	Amount of additional refrigerant charge (kg)					
			30 m and less	31-40 m and less	41-50 m and less	51-60 m and less	61-70 m and less	71-100 m and less
ZRP200	100m or less	7.1	No additional charge necessary	0.9 kg	1.8 kg	2.7 kg	3.6 kg	The additional charge amount is obtained by the following formula.
ZRP250·SHW230		7.7		1.2 kg	2.4 kg	3.6 kg	4.8 kg	

When length exceeds 70 m

When the total length of the piping exceeds 70 m, calculate the amount of additional charge based on the following requirements.
Note: If the calculation produces a negative number (i.e. a "minus" charge), of if calculation results in an amount that is less than the "Additional charage amount for 70 m", perform the additional charge using the amount shown in "Additional charge amount for 70 m".

Amount of additional charge	=	Main piping: Liquid line size ø12.7 overall length × 0.11	+	Main piping: Liquid line size ø9.52 overall length × 0.09 (Gas line: ø25.4)	+	Branch piping: Liquid line size ø9.52 overall length × 0.06 (Gas line: ø15.88)	+	Branch piping: Liquid line size ø6.35 overall length × 0.02	–	3.6 (kg)
(kg)		(m) × 0.11 (kg/m)		(m) × 0.09 (kg/m)		(m) × 0.06 (kg/m)		(m) × 0.02 (kg/m)		

Additional charge amount for 70 meters	ZRP200	3.6 kg
	ZRP250, SHW230	4.8 kg

•If the wiring connecting the indoor and outdoor units is longer than 80m, use separate indoor /outdoor unit power supplies.

2. TWIN, TRIPLE AND QUADRUPLE SYSTEM

(1) Twin

Maximum pipe length (Main pipe[A]+Branch pipe diameter [B and C])

			ZRP200 twin (100×2)												ZRP250 twin (125×2)											
Main pipe	Liquid pipe		ϕ9.52				ϕ12.7				ϕ15.88				ϕ9.52				ϕ12.7				ϕ15.88			
(mm)[A]	Gas pipe		ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
Branch pipe [mm] [B, C]	Liquid pipe	ϕ9.52	□ 20m [20m]	□ 50m [30m]	Standard size ○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	Standard size ○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
	Gas pipe	ϕ15.88																								
	Liquid pipe	ϕ9.52	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
	Gas pipe	ϕ19.05																								
	Liquid pipe	ϕ12.7	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
	Gas pipe	ϕ19.05																								

• Be sure to use hard (tempered) one for pipe over ϕ22.2.

(2) Triple

Maximum pipe length (Main pipe [A] + Branch pipe [B, C and D])

			ZRP200 triple (60×3)												ZRP250 triple (71×3)											
Main pipe	Liquid pipe		ϕ9.52				ϕ12.7				ϕ15.88				ϕ9.52				ϕ12.7				ϕ15.88			
(mm)[A]	Gas pipe		ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
Branch pipe [mm] [B, C, D]	Liquid pipe	ϕ9.52	□ 20m [20m]	□ 50m [30m]	Standard size ○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	Standard size ○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
	Gas pipe	ϕ15.88																								
	Liquid pipe	ϕ9.52	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
	Gas pipe	ϕ19.05																								
	Liquid pipe	ϕ12.7	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
	Gas pipe	ϕ19.05																								

• Be sure to use hard (tempered) one for pipe over ϕ22.2.

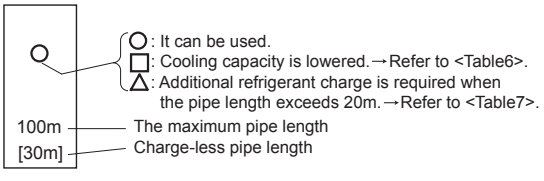
(3) Quadruple

Maximum pipe length (Main pipe[A]+Branch pipe [B, C, D and E])

			ZRP200 quadruple (50×4)												ZRP250 quadruple (60×4)											
Main pipe	Liquid pipe		ϕ9.52				ϕ12.7				ϕ15.88				ϕ9.52				ϕ12.7				ϕ15.88			
(mm)[A]	Gas pipe		ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ19.05	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
Branch pipe [mm] [B, C, D, E]	Liquid pipe	ϕ6.35	□ 20m [20m]	□ 50m [30m]	Standard size ○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]												
	Gas pipe	ϕ12.7																								
	Liquid pipe	ϕ9.52	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]	□ 20m [20m]	□ 50m [30m]	○ 120m [30m]	○ 120m [30m]	□ 20m [20m]	□ 50m [30m]	Standard size ○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
	Gas pipe	ϕ15.88																								
	Liquid pipe	ϕ9.52	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]	□ 20m [20m]	□ 50m [30m]	○ 120m [30m]	○ 120m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
	Gas pipe	ϕ19.05																								
	Liquid pipe	ϕ12.7													□ 20m [20m]	□ 50m [30m]	○ 120m [30m]	○ 120m [30m]	□ 20m [20m]	□ 50m [30m]	○ 100m [30m]	○ 100m [30m]	△□ 50m [20m]	△ 50m [20m]	△ 50m [20m]	△ 50m [20m]
	Gas pipe	ϕ19.05																								

• Be sure to use hard (tempered) one for pipe over ϕ22.2.

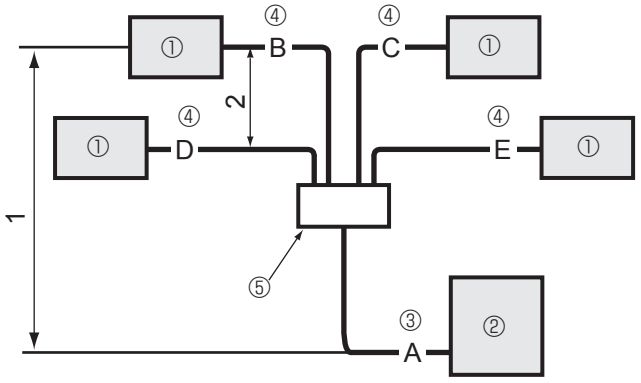
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Pipe diameter and thickness

OD (mm)	φ6.35	φ9.52	φ12.7	φ15.88	φ19.05	φ22.2	φ25.4	φ28.58	φ31.75
Thickness (mm)	0.8	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.1

Be sure to use hard (tempered) one for pipe over φ 22.2.



① Indoor unit
② Outdoor unit
③ Main piping
④ Branch piping
⑤ Multi distribution pipe (option)

1 Height difference (Indoor unit-Outdoor unit) Max. 30 m

2 Height difference (Indoor unit-Indoor unit) Max. 1 m

3 Distance between indoor and indoor units pipe length. Max. 8m

|B—C||B—D||B—E|
|C—D||C—E||D—E|

4 Number of pipe bends
Within 15 points
8 points between main pipe A and each branch pipe (B, C, D, E).

<Table 6> Lowered cooling capacity by the smaller gas pipe diameter

Pipe length	Cooling capacity ratio	
	gas pipe φ22.2	gas pipe φ19.05
5m and less	100%	100%
6~10m	100~95%	100~88%
11~20m	95~88%	88~77%
21~30m	88~83%	—
31~40m	83~79%	—
41~50m	79~75%	—

<Table 7> Additional refrigerant amount when the liquid pipe of the larger diameter is used.
(Single /Simultaneous Twin / Simultaneous Triple / Simultaneous Quadruple)

Capacity	When the extension pipe length (main piping + branch piping) exceeds 20m
ZRP200, ZRP250	Additional refrigerant amount △W(g)=(180×L_1)+(120×L_2) (90×L_3)+(30×L_4)-3000

L_1 : φ15.88 liquid pipe (m) L_2 : φ12.7 liquid pipe (m)
L_3 : φ9.52 liquid pipe (m) L_4 : φ6.35 liquid pipe (m)

If the calculation produces a negative number (i.e. a "minus" charge), additional charging is not necessary.
(△W ≦ 0)

<Table 8>

Outdoor unit	Permissible total piping length A+B+C+D+E	A+B or A+C or A+D or A+E	Charge-less piping length A+B+C+D+E
ZRP200 ZRP250 SHW230	100 m and less	100 m and less	30 m and less

<Table 9>

Outdoor unit	| B-C | or | B-D | or | B-E |or | C-D | or | C-E | or | D-E |	Number of pipe bends
ZRP200 ZRP250 SHW230	8 m and less	Within 15

<Table 10>

Outdoor unit	permitted pipe length	At time of shipping (kg)	A+B+C+D Amount of additional refrigerant charge (kg)					
			30 m and less	31-40 m and less	41-50 m and less	51-60 m and less	61-70 m and less	71-120 m and less
ZRP200	100m or less	7.1	No additional charge necessary	0.9 kg	1.8 kg	2.7 kg	3.6 kg	The additional charge amount is obtained by the following formula.
ZRP250 SHW230		7.7		1.2 kg	2.4 kg	3.6 kg	4.8 kg	

When length exceeds 70 m

When the total length of the piping exceeds 70 m, calculate the amount of additional charge based on the following requirements.
Note: If the calculation produces a negative number (i.e. a “minus” charge), or if calculation results in an amount that is less than the “Additional charge amount for 70 m,”perform the additional charge using the amount shown in “Additional charge amount for 70 m.”

Amount of additional charge	=	Main piping: Liquid line size ϕ12.7 overall length 0.11	+	Main piping: Liquid line size ϕ9.52 overall length 0.09 (Gas line:ϕ28.58)	+	Branch piping: Liquid line size ϕ9.52 overall length 0.06 (Gas line: ϕ15.88)	+	Branch piping: Liquid line size ϕ6.35 overall length 0.02 (Gas line: ϕ15.88)	−	3.6 (kg)

Additional charge amount for 70 m	ZRP200	3.6 kg
	ZRP250 SHW230	4.8 kg

1. Perform refrigerant piping connections for the indoor / outdoor unit while the outdoor unit's stop valve is completely closed (Initial setting), and then vacuumize the refrigerant lines through the service port of the outdoor unit.
2. Open the stop valves of the outdoor unit completely.
   This will completely connects the refrigerant circuits of the indoor and outdoor units.
   Stop valve opening method is shown on the outdoor unit’s installation manual.

Note :

- Apply refrigerating machine oil over the flare seat surface. Do not apply to the threaded portion. (It will cause the flare nut to loosen.)
- Use 2 wrenches to tighten piping connection.
- Use leak detector or soapy water to check for gas leaks after connections are completed.
- For the insulation of the connection at the indoor side, make sure to use the attached insulation materials and thoroughly follow the instruction shown in the manual.
- Always use a non-oxidizing brazing material when brazing the pipes.

Adjusting the amount of refrigerant

Check additional refrigerant charging amount referring to the procedure ② below when the liquid pipe diameter of the main piping A is larger than the standard size.

① When the standard diameter pipe is used for the main piping A, calculate the additional refrigerant amount by referring to <Table 2> as well as the 1:1 system.

② When the liquid pipe diameter of the main piping A is one size larger than the standard size:

- When the extension pipe length (main piping + branch piping) does not exceed 20m, adjustment of the refrigerant is not necessary (charge-less).
- When the extension pipe length (main piping + branch piping) exceeds 20m, charge the amount of refrigerant that is obtained by the formula shown in <Table 7>.

If the calculation produces a negative number (i.e. a "minus" charge), additional charging is not necessary.
Note: Apply 0 to L_1, L_2, L_3 and L_4 which correspond to the liquid pipe size that are not used.

Correcting the capacity value

When calculating the lowered capacity by the extension pipe length, use the longest length between the indoor and the outdoor units.

A.9.3.4 PUHZ-P100VHA4, P125·P140VHA3, P100YHA2, P125·P140YHA, P200·P250YKA

1. PIPE LENGTH

1-1. 1:1 SYSTEM and 1:2(1 indoor / 2 outdoor) SYSTEM

<Table 1-1> Maximum pipe length (P100-140)

Liquid pipe (mm)	OD	ø9.52			ø12.7	
	Thickness	t0.8			t0.8	
Gas pipe (mm)	OD	ø12.7	ø15.88	ø19.05	ø15.88	ø19.05
	Thickness	t0.8	t1.0	t1.0	t1.0	t1.0
P100			Standard size 50m [20m]	○ 50m [20m]	△ 25m [10m]	△ 25m [10m]
P125,P140			Standard size 50m [30m]	○ 50m [30m]	△ 30m [10m]	△ 30m [10m]

<Marks in the table>

○: It can be used.
□: Cooling capacity is lowered.
△: Additional refrigerant charge is required when the pipe length exceeds 10m(P100-140)/20m(P200, 250).

50m [20m] — The maximum pipe length / Charge-less pipe length

<Table 1-2> Maximum pipe length (P200, 250)

Liquid pipe (mm)	OD	ϕ9.52			ϕ12.7			ϕ15.88			
	Thickness	t0.8			t0.8			t1.0			
Gas pipe (mm)	OD	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
	Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0
P200		□ 50m [30m]	Standard size 70m [30m]	○ 70m [30m]	□△ 50m [20m]	○ 50m [20m]	○ 50m [20m]	□△ 40m [20m]	△ 40m [20m]	△ 40m [20m]	△ 40m [20m]
P250		□ 50m [30m]	○ 70m [30m]	○ 70m [30m]	□ 50m [30m]	Standard size 70m [30m]	○ 70m [30m]	□△ 45m [20m]	△ 45m [20m]	△ 45m [20m]	△ 45m [20m]

Note : Be sure to use hard (tempered) one for pipe over ϕ22.2.(Do not use soft (annealed) one.)

1-2. TWIN TRIPLE AND QUADRUPLE SYSTEM

(1) TWIN SYSTEM

<Table 2-1> Maximum pipe length(P100-140)

			P100(50×2)			P125(60×2)·P140(71×2)		
Main pipe (mm) [A]	Liquid pipe		ø9.52	ø9.52	ø12.7	ø9.52	ø9.52	ø12.7
	Gas pipe		ø15.88	ø19.05	ø19.05	ø15.88	ø19.05	ø19.05
Branch pipe (mm) [B, C]	Liquid pipe	ø6.35	Standard size 50m [20m]	○ 50m [20m]	△ 25m [10m]			
	Gas pipe	ø12.7						
	Liquid pipe	ø9.52	○ 50m [20m]	○ 50m [20m]	△ 25m [10m]	Standard size 50m [30m]	○ 50m [30m]	△ 30m [10m]
	Gas pipe	ø15.88						

<Table 2-2> Maximum pipe length(P200, 250)

			P200(100x2)										P250(125x2)									
Main pipe (mm) [A]	Liquid pipe	O.D.	ϕ9.52			ϕ12.7			ϕ15.88				ϕ9.52			ϕ12.7			ϕ15.88			
		Thickness	t0.8			t0.8			t1.0				t0.8			t0.8			t1.0			
	Gas pipe	O.D.	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
		Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1
Branch pipe (mm) [B,C]	Liquid pipe	ϕ9.52	□	Standard size	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size	○	□△	△	△	△
	Gas pipe	ϕ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]	45m [20m]

(2) TRIPLE SYSTEM

<Table 3-1> Maximum pipe length(P140)

			P140(50×3)		
Main pipe (mm) [A]	Liquid pipe		ø9.52	ø9.52	ø12.7
	Gas pipe		ø15.88	ø19.05	ø19.05
Branch pipe (mm) [B, C, D]	Liquid pipe	ø6.35	Standard size 50m [30m]	○ 50m [30m]	△ 30m [10m]
	Gas pipe	ø12.7			
	Liquid pipe	ø9.52	○ 50m [30m]	○ 50m [30m]	△ 30m [10m]
	Gas pipe	ø15.88			

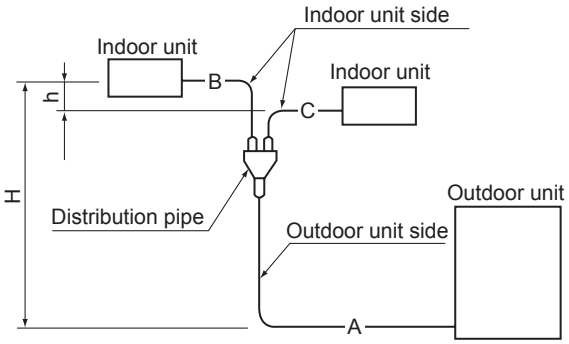
<Table 3-2> Maximum pipe length(P200, 250)

			P200(60x3)										P250(71x3)									
Main pipe (mm) [A]	Liquid pipe	O.D.	ϕ9.52			ϕ12.7			ϕ15.88				ϕ9.52			ϕ12.7			ϕ15.88			
		Thickness	t0.8			t0.8			t1.0				t0.8			t0.8			t1.0			
	Gas pipe	O.D.	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
		Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1
Branch pipe (mm) [B,C]	Liquid pipe	ϕ9.52	□	Standard size	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size	○	□△	△	△	△
	Gas pipe	ϕ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]	45m [20m]

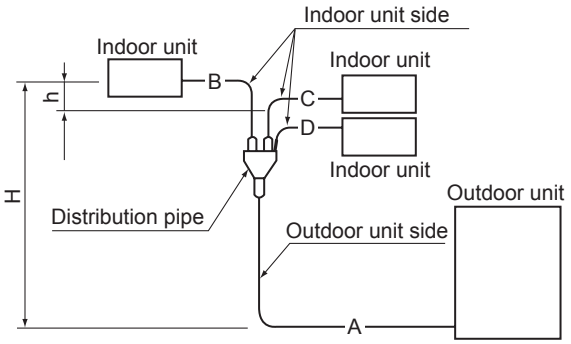
(3) QUADRUPLE SYSTEM

<Table 2-2> Maximum pipe length(P200, 250)

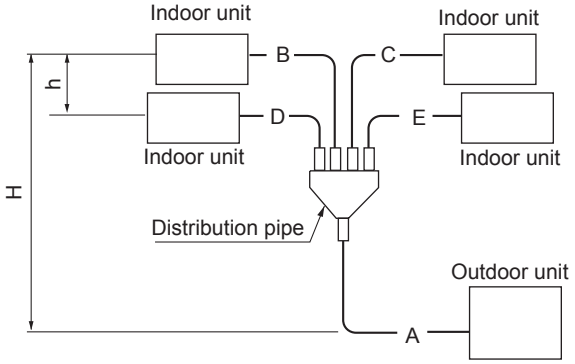
			P200(50x4)										P250(60x4)									
Main pipe (mm) [A]	Liquid pipe	O.D.	ϕ9.52			ϕ12.7			ϕ15.88				ϕ9.52			ϕ12.7			ϕ15.88			
		Thickness	t0.8			t0.8			t1.0				t0.8			t0.8			t1.0			
	Gas pipe	O.D.	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ22.2	ϕ25.4	ϕ28.58	ϕ31.75
		Thickness	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.0	t1.1
Branch pipe (mm) [B,C]	Liquid pipe	ϕ6.35	□	Standard size	○	□△	△	△	□△	△	△	△										
	Gas pipe	ϕ12.7	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]										
	Liquid pipe	ϕ9.52	□	○	○	□△	△	△	□△	△	△	△	□	○	○	□	Standard size	○	□△	△	△	△
	Gas pipe	ϕ15.88	50m [30m]	70m [30m]	70m [30m]	50m [20m]	50m [20m]	50m [20m]	40m [20m]	40m [20m]	40m [20m]	40m [20m]	50m [30m]	70m [30m]	70m [30m]	50m [30m]	70m [30m]	70m [30m]	45m [20m]	45m [20m]	45m [20m]	45m [20m]



<TWIN SYSTEM>
Total length A + B + C
P100-140: 50 m
P200, 250: 70 m



<TRIPLE SYSTEM>
Total length A + B + C + D
P140: 50 m
P200, 250: 70 m



<QUADRUPLE SYSTEM>
Total length A + B + C + D + E
P200, 250 : 70 m

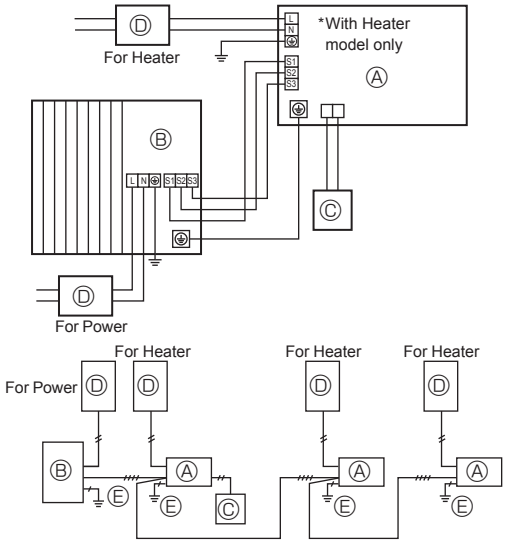
(4) Pipe size and refrigerant pipe limits

	Outdoor unit	Pipe size (mm)				Actual piping length <m>			Height deffence <m>		(Note 1) No. of bend
		Gas side		Liquid side		Total length	Indoor ~ Indoor	Branch pipe B, C, D	Indoor ~ Outdoor	Indoor ~ Indoor	
		Outdoor unit side	Indoor unit side	Outdoor unit side	Indoor unit side	A+B+C+D+E					
TWIN	100-140	ϕ15.88 <5/8>	50 ϕ12.7<1/2> 60,71 ϕ15.88<5/8>	ϕ9.52<3/8>	50 ϕ6.35<1/4> 60,71 ϕ9.52<3/8>	50m	|B-C| 8m	20m	H30m	h 1m	15
TRIPLE	140						|B-C||C-D||B-D| 8m				
TWIN	200, 250	ϕ25.4 <1>	60,71 100, 125 ϕ15.88<5/8>	ϕ9.52<3/8> (P200) ϕ12.7<1/2> (P250)	60,71 100, 125 ϕ9.52<3/8>	70m	|B-C| 8m	30m			
TRIPLE							|B-C||C-D||B-D| 8m				
QUADRUPLE			50 ϕ12.7<1/2> 60 ϕ15.88<5/8>		50 ϕ6.35<1/4> 60 ϕ9.52<3/8>		|B-C||B-D||B-E| |C-D||C-D||C-E| 8m				

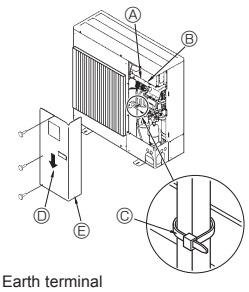
Note1. The number of bends in the refrigerant pipe is respectively 8 or less in the range of <A+B> <A+C> <A+D>.
2. PUHZ-P100: 20 m chargeless PUHZ-P125-250: 30 m chargeless

A.9.4 ELECTRICAL WORK

1. PUHZ-ZRP71VHA, ZRP100·125·140V(Y)KA2
PUHZ-P100VHA4, P125·P140VHA3, P100YHA2, P125·P140YHA
PUHZ-SHW112·140V(Y)HA
PUHZ-SP100~SP140V(Y)HA

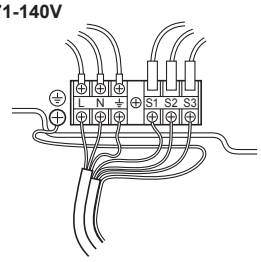


Ⓐ Indoor unit
Ⓑ Outdoor unit
Ⓒ Remote controller
Ⓓ Main switch (Breaker)
Ⓔ Earth

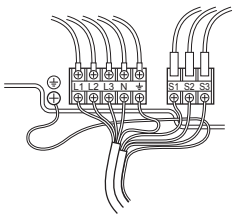


Ⓐ Earth terminal
Ⓑ Terminal block
Ⓒ Clamp
Ⓓ Service panel
Ⓔ Wire the cables so that they do not contact the center of the service panel or the gas valve.

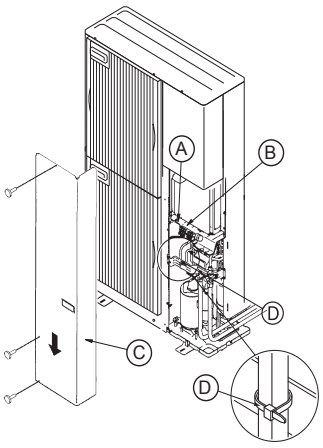
■ **71-140V**



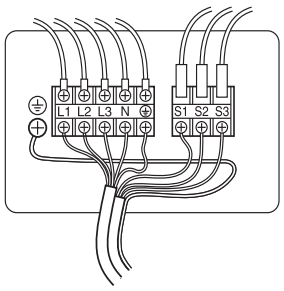
■ **100-140Y**



2. PUHZ-ZRP200, ZRP250, P200, P250YKA
PUHZ-SHW230YKA2

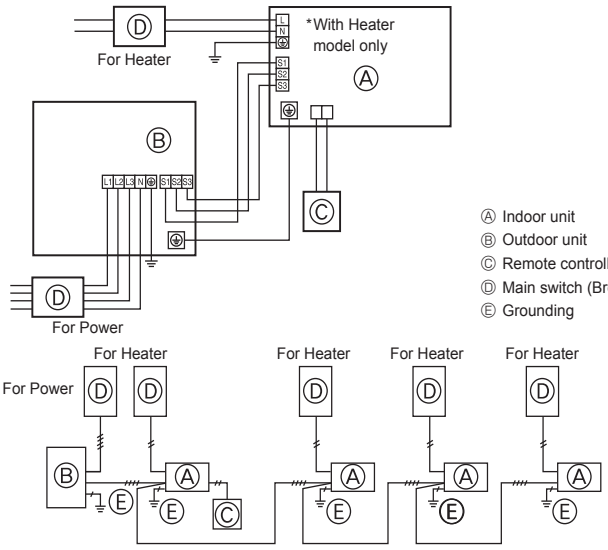


Note: If the protective sheet for the electrical box is removed during servicing, be sure to reinstall it.



Ⓐ Power supply terminal block (L1, L2, L3, N, ⏚)
Ⓑ Indoor/outdoor connection terminal block (S1, S2, S3)
Ⓒ Service panel
Ⓓ Clamp
* Clamp the cables so that they do not contact the center of the service panel or the gas valve.

* Except PEA-RP200, 250, 400, 500GA



Ⓐ Indoor unit
Ⓑ Outdoor unit
Ⓒ Remote controller
Ⓓ Main switch (Breaker)
Ⓔ Grounding