









Model	Remarks
GWCN18B5NK1NB GWHN18B5NK1NB	1PH 220~240V 50Hz R22







O Specifications and Technical Parameters

Model		GWHN18	B5NK3NA	GWCN18B5NK1NC	GWHN24	B5NK3NA
Function		COOLING	HEATING	COOLING	COOLING	HEATING
Rated Vo	oltage	220-2	240V~	220-240V~	220-2	40V~
Rated Fr	requency	50	Hz	50Hz	50	Hz
Total Ca	pacity (Btu/h)(High/Normal)	5300	5600	5200	6000	6600
Power In	put (W) (High/Normal)	1750	1700	1600	2260	2320
Rated In	put (W) (High/Normal)	2400	2300	2200	3200	3250
Rated C	urrent (A) (High/Normal)	10.9	10.5	9.6	13.9	14.1
Air Flow	Volume (m³/h) (H/M/L)	85	50	850	92	20
Dehumi	difying Volume (I/h)	:	3	3	4	ļ
C.O.P / E	ER (W/W) (High/Normal)	3	3.3	3.25	2.65	2.84
	Model of Indoor Unit	GWHN18E	35NK3NA/I	GWCN18B5NK1NC /I	GWHN24E	35NK3NA/I
	Fan Motor Speed (r/min) (H/M/L)	1250/11	50/1050	1250/1150/1050	1350/12	50/1150
	Output of Fan Motor (w)	20		20	20	
	Input of Heater (w)	/		/	/	
	Fan Motor Capacitor (uF)	1		1		
	Fan Motor RLA (A)	0.1		0.1	0	.1
	Fan Type-Piece	Cross flow fan – 1		Cross flow fan – 1	Cross flow fan – 1	
	Diameter-Length (mm)	φ96X 840		φ96X 840	φ96X840	
	Evaporator	Aluminum fin-copper tube		Aluminum fin-copper tube	Aluminum fin-copper tube	
	Pipe Diameter (mm)	¢	07	φ7	Ф7	
	Row-Fin Gap(mm)	2-1	1.6	2-1.6	2-1.6	
Indoor unit	Coil length (I) x height (H) x coil width (L)	785X19	95X25.4	785X195X25.4	785X195X25.4	
	Swing Motor Model	MP2	4GA	MP24GA	MP24GA	
	Output of Swing Motor (W)	4	2	2	2	2
	Fuse (A)	PCB 3.15A 0.2	Transformer 2A	PCB 3.15A Transformer 0.2A	PCB 3.15A Transformer 0.2A	
	Sound Pressure Level dB (A) (H/WL)	45、4	3、41	46/44/42	48/46/44	
	Sound Power Level dB (A) (H/M/L)	55, 5	3, 51	56/54/52	58/5	6/54
	Dimension (W/D/H)(mm)	1020X2	28X310	1020X228X310	1020 X2	28X310
	Dimension of Package (W/D/H)(mm)	1078X3	25X390	1078X325X390	1078X325X390	
	Net Weight /Gross Weight (kg)	13/	117	13/17	13/17	

	Model of Ou	utdoor Unit		GWHN18B5NK3NA/O	GWCN18B5NK1NC /O	GWHN24B5NK3NA/O
	Compress	or Model		ASH210SV-C8LU	SHY33MC4-S	ASH264SV-C8LU
	Compress	or Type		rotary compressor	rotary compressor	rotary compressor
	L.R.A. (A)			40	45	60
	Compress	or RLA (A)		7.7-8.0	7.6	10.3
	Compress	or Power In	out (W)	1725-1800	1650	2215
	Overload P	rotector		/	/	/
	Throttling N	/lethod		Capillary	Capillary	Capillary
	Starting Me	thod		Capacitor	Capacitor	Capacitor
	Working Te	emp Range	(°C)	-5℃≪T≪43℃	-7~43	-7℃≪T≪43℃
	Condense	r			Aluminum fin-copper tube	
	Pipe Diame	eter (mm)		Ф9.52	φ9.52	Ф9.52
	Rows-Fin C	Gap(mm)		2-1.4	2-1.6	2-1.7
	Coil length width (W)	(I) x height ((H) x coil	782X559X25.4	795X660X44	804X660X44
	Fan Motor S	Speed (rpm)) (H/M/L)	885	780	780
	Output of Fa	an Motor (W	/) /)	48	68	68
	Fan Motor F	RLA (A)		0.2	0.3	0.31
Outdoor	Fan Motor (Capacitor (u	F)	3	2.5	2.5
Outdoor unit	Air Flow Volume of Outdoor Unit		/	/	/	
	Fan Type-Piece		Axial fan –1	Axial fan –1	Axial fan –1	
	Fan Diameter (mm)		409	460	460	
	Defrosting Method		Auto defrost	Auto defrost	Auto defrost	
	Climate Type		T1	T1	T1	
	Isolation					
	Moisture Pr	rotection		IP24	IP24	IP24
	Permissibl	eExcessive	;			
	Operating F	Pressure for	r the	3.8	2.5	3.8
	Discharge	Side(MPa)				
	Permissibl	eExcessive	;			
	Operating F	Pressure for	r the	1.2	0.6	1.2
	Suction Sid	le(MPa)				
	Sound Pres	ssure Level	dB (A)	56/54/52	58/54/52	57//55/53
	Sound Pow	ver Level dB	(A)	66/64/62	68/64/62	67/65/63
	Dimension	i (W/D/H)(m	im)	848X320X592	926X378X685	950X412X700
	Dimension mm)	of Package	e (W/D/H)(878X360X640	994 X 428 X 750	1100/450/755
	Net Weight	/Gross Wei	ght (kg)	45/49	52/57	59/64
	Refrigerant	t Charge (ko))	R410A/1.7	R22/1.85	R410A/2.051
	Length		(m)	4	4	4
Connect	Outer	Liquid	(mm)	Ф6(1/4")	φ6(1/4")	φ9.52(3/8")
on Dine	Diameter	Gas Pipe	(mm)	Φ12(1/2")	φ12(1/2")	φ16(5/8")
on Pipe	Max	Height	(m)	5	5	5
	Distance	Length	(m)	10	10	10

Model		GWCN18B5NK1RA	GWCN24B5NK1RA	GWCN18B5NK1NA
Function		COOLING	COOLING	COOLING
Rated Volt	tage	220-240V~	220-240V~	220-240V~
Rated Fre	quency	50Hz	50Hz	50Hz
Total Capa	acity (W)	5000	6100	5000
(High/Nor	mal)	5000		5000
Power Inp	out (W) (High/Normal)	1860	2280	1860
Rated Inp	ut (W) (High/Normal)	2550	3200	2550
Rated Cur	rrent (A) (High/Normal)	11.6	14.5	11.6
Air Flow V	/olume (m ³ /h) (H/M/L)	850	920	850
Dehumidi	ifying Volume (l/h)	3	4	3
C.O.P / EE	ER (Btu/W) (High/Normal)	2.69	2.68	2.69
Energy Cla	ass	/	/	/
Ν	Model of Indoor Unit	GWCN18B5NK1RA/I	GWCN24B5NK1RA/I	GWCN18B5NK1NA/I
F (Fan Motor Speed (r/min) (H/M/L)	1350/1250/1150	1350/1250/1150	1350/1250/1150
C	Output of Fan Motor (w)	20	20	20
li	nput of Heater (w)	/	/	/
F	Fan Motor Capacitor (uF)	1	1	1
F	Fan Motor RLA(A)	0.1	0.1	0.1
F	Fan Type-Piece	Cross flow fan – 1	Cross flow fan – 1	Cross flow fan – 1
	Diameter-Length (mm)	φ96X 840	φ96X 840	φ96X 840
E	Evaporator	Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube
F	Pipe Diameter (mm)	φ7	φ7	φ7
F	Row-Fin Gap(mm)	2-1.6	2-1.6	2-1.6
unit c	Coil length (I) x height (H) x coil width (L)	785X195X25.4	785X195X25.4	785X195X25.4
5	Swing Motor Model	MP24GA	MP24GA	MP24GA
C	Output of Swing Motor (W)	2	2	2
F	Fuse (A)	PCB 3.15A Transformer 0.2A	PCB 3.15A Transformer 0.2A	PCB 3.15A Transformer 0.2A
S (Sound Pressure Level dB (A) (H/M/L)	46/44/42	48/46/44	46/44/42
S (Sound Power Level dB (A) (H/M/L)	56/54/52	58/56/54	56/54/52
C	Dimension (L/W/H)(mm)	1020X228X310	1020X228X310	1020X228X310
[(Dimension of Package (L/W/H)(mm)	1130X386X350	1130X386X350	1130X386X350
N (Net Weight /Gross Weight (kg)	13/17	13/17	13/17

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	Model of Outd	oor Unit	GWCN18B5NK1RA/O	GWCN24B5NK1RA/O	GWCN18B5NK1NA/O
	Compressor I	Model	QX-34F050g	C-R191H5C	QX-34F050g(GREE)
	Compressor	Гуре	rotary compressor	rotary compressor	rotary compressor
	L.R.A. (A)		46.5	62	46.5
	Compressor F	RLA(A)	8.7	10.4	8.7
	Compressor I	Power	1850	2285	1850
	Overload Prote	ector	/	/	/
	Throttling Meth	nod	Capillary	Capillary	Capillary
	Starting Metho	d	Capacitor	Capacitor	Capacitor
	Working Temp	o Range (℃)	-7~43	-7~43	-7~43
	Condenser		Aluminum fin-copper tube	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diamete	r (mm)	φ9.52	φ9.52	φ9.52
	Rows-Fin Gap	o(mm)	2-1.4	2-1.5	2-1.4
	Coil length (I) coil width (L)	x height (H) x	781X508X44	660X683X44	781X508X44
	Fan Motor Spe	ed (rpm)	885	780	885
Outdoor unit	Output of Fan	Motor (W)	48	68	48
	Fan Motor RLA	A(A)	0.22	0.31	0.22
	Fan Motor Capacitor (uF)		3	2.5	3
	Air Flow Volum	ne of Outdoor	1	1	/
	Unit		7	/	,
	Fan Type-Piece		Axial fan –1	Axial fan –1	Axial fan -1
	Fan Diameter (mm)		409	460	409
	Defrosting Method		Auto defrost	Auto defrost	Auto defrost
	Climate Type		T1	T1	T1
	Isolation		I	Ι	
	Moisture Prote	ection	IP24	IP24	IP24
	Permissible Excessive Operating Pressure for the		2.5	2.5	2.5
	Discharge Sid	le(MPa)			
	Permissible E Operating Pre	excessive ssure for the MPa)	0.6	0.6	0.6
	Sound Pressu	ure Level dB	56/54/52	57/55/53	56/54/52
	Sound Power	Level dB (A)			
	(H/M/L)		66/64/62	67/65/63	66/64/62
	Dimension (L	/W/H)(mm)	848/320/540	950/412/700	848/320/540
	Dimension of	Package	878/360/590	1100/450/755	878/360/590
	Net Weight /G (kg)	ross Weight	40/45	59/64	40/45
	Refrigerant Ch	narge (kg)	R22/1.3	R22/1.6	R22/1.3
	Length (m)	0 (0)	4	4	4
Connec	Outer	Liquid Pipe	φ6(1/4")	φ9.52(3/8")	φ6(1/4")
tion	Diameter	Gas Pipe	φ12(1/2")	φ16(5/8")	φ12(1/2")
Pipe		Height (m)	5	5	5
	wax Distance	Length (m)	10	10	10
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Nodel		GWHN18E	35NK3HA	GWHN24	B5NK3HA	
unctio	on	COOLING	HEATING	COOLING	HEATING	
Rated	Voltage	220-24	40V~	220-2	40V~	
Rated	Frequency	501	Ηz	50	Hz	
otal C	apacity (Btu)(High/Normal)	18000	19000	23000	26000	
ower	Input (W) (High/Normal)	1750	1700	2280	2400	
lated	Input (W) (High/Normal)	2400	2300	3300	3500	
lated	Current (A) (High/Normal)	10.9	10.5	15	15.9	
ir Flov	v Volume (m ³ /h) (H/M/L)	85	0	92	20	
ehum	nidifying Volume (I/h)	3	1	2	1	
.O.P /	EER (W/W) (High/Normal)	3	3.3	3	3.2	
	Model of Indoor Unit	GWHN18B	5NK3HA/I	GWHN24B	5NK3HA/I	
	Fan Motor Speed (r/min) (H/WL)	1250/115	50/1050	1350/1250/1150		
	Output of Fan Motor (w)	20		20		
	Input of Heater (w)	/	/		/	
	Fan Motor Capacitor (uF)	1		1		
	Fan Motor RLA (A)	0.1		0.1		
	Fan Type-Piece	Cross flow fan – 1		Cross flo	w fan – 1	
	Diameter-Length (mm)	φ96X	840	φ96X 840		
	Evaporator	Aluminum fin∙	-copper tube	Aluminum fin-copper tube		
	Pipe Diameter (mm)	Φ7	7	Φ7		
	Row-Fin Gap(mm)	2-1	.6	2-1.6		
ndoor unit	Coil length (I) x height (H) x coil width (L)	785X195X25.4		785X195X25.4		
	Swing Motor Model	MP24	4GA	MP24GA		
	Output of Swing Motor (W)	2		2		
	Fuse (A)	PCB 3.15A Tra	insformer 0.2A	PCB 3.15A Transformer 0.2A		
	Sound Pressure Level dB (A) (H/WL)	45、43	3、41	47、45、43		
	Sound Power Level dB (A) (H/WL)	55, 53	3, 51	57、55、53		
	Dimension (W/D/H)(mm)	1020X22	28X310	1020X2	28X310	
	Dimension of Package (W/D/H)(mm)	1078X32	25X395	1078X3	25X395	
	Net Weight /Gross Weight 13/18.5		13/1	18.5		

		014/1014 000		
	Model of Outdoor Unit	GWHN18B5	NK3HA/O	GWHN24B5NK3HA/O
	Compressor Model	ASH210S	V-C8LU	ATH280CV-C9LU
	Compressor Type	rotary con	npressor	rotary compressor
	L.R.A. (A)	40)	68
	Compressor RLA (A)	7.7-6	3.0	11.0-10.8
	Compressor Power Input	1725-	1800	2380-2450
-	Overload Protector	/		/
	Throttling Method	Capil	lary	Capillary
	Starting Method		Capacitor	Capacitor
	Working Temp Range (°C)	-5℃≪T	≪43 ℃	-5℃≪T≪43℃
	Condenser	Aluminum fin-	copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	Ф9.	52	Ф9.52
	Rows-Fin Gap(mm)	2-1	.4	2-1.8
	Coil length (I) x height (H) x coil width (W)	782X55	9X25.4	813X683X25.4
	Fan Motor Speed (rpm)	88	5	780
-	Output of Fan Motor (W)	48	}	60
	Fan Motor RLA (A)	0.:	2	0.27
	Fan Motor Capacitor (uF)	3		3
Outdo	Air Flow Volume of Outdoor	. /		/
or unit	Fan Type-Piece	Axial fa	an —1	Axial fan -1
	Fan Diameter (mm)	Ф409		¢ 450
	Defrosting Method	Auto de	efrost	Auto defrost
	Climate Type	T1		T1
	Isolation	I		I
	Moisture Protection	IP2	4	IP24
	Permissible Excessive Operating Pressure for the Discharge Side(MPa)	3.8		3.8
	Permissible Excessive Operating Pressure for the Suction Side(MPa)	1.:	2	1.2
	Sound Pressure Level dB (A) (H/M/L)	56, 54	l, 52	57, 55, 53
	Sound Power Level dB (A) (H/M/L)	66, 64	l, 62	67, 65, 63
	Dimension (W/D/H)(mm)	848X32	0X592	950X412X840
	Dimension of Package	878X36	0X640	1100X450X905
	Net Weight /Gross Weight	45/	49	75/
	Refrigerant Charge (kg)	R410/	\/1.7	R410A/2.35
	Length (m)	4		4
Conn	Outer Diameter	Liquid Pipe (mm)	Ф6(1/4")	Ф9.52(3/8")
ection		Gas Pipe (mm)	Ф12(1/2")	Ф16(5/8")
Pipe	MaxDistance	Height (m)	5	5
		Length (m)	10	10

Model		GWCN18B5NK3PA	GWCN18B5NK1NB
Function		COOLING	COOLING
Rated Vol	tage	220-240V	220-240V~
Rated Frequency		50Hz	50Hz
Rated Frequency Total Capacity (Btu)(High/Normal)		5300W	5000W
Power Inp	out (W) (High/Normal)	1850	1600
Rated Inp	ut (W) (High/Normal)	2775	2200
Rated Cu	rrent (A) (High/Normal)	12.1	9.6
Air Flow V	′olume (m ³ /h) (H/M/L)	850	850
Dehumidi	ifying Volume (l/h)	3.0	3
C.O.P / EE	ER (W/W) (High/Normal)	3.0	3.125
	Model of Indoor Unit	GWHN18B5NK3PA/I	GWCN18B5NK1NB/I
	Fan Motor Speed (r/min) (H/M/L)	1250/1150/1050	1250/1150/1050
	Output of Fan Motor (w)	20	20
	Input of Heater (w)	/	/
	Fan Motor Capacitor (uF)	1	1
	Fan Motor RLA (A)	0.1	0.1
	Fan Type-Piece	Cross flow fan – 1	Cross flow fan – 1
	Diameter-Length (mm)	φ96X 840	φ96X 840
	Evaporator	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	Φ7	φ7
	Row-Fin Gap(mm)	2-1.6	2-1.6
Indoor unit	Coil length (I) x height (H) x coil width (L)	0.153m ²	785X195X25.4
	Swing Motor Model	MP24GA	MP24GA
	Output of Swing Motor (W)	2	2
	Fuse (A)	PCB 3.15A Transformer 0.2A	PCB 3.15A Transformer 0.2A
	Sound Pressure Level dB (A) (H/WL)	46, 44, 42	46/44/42
	Sound Power Level dB (A) (H/WL)	56, 54, 52	56/54/52
	Dimension (W/D/H)(mm)	1020X228X310	1020X228X310
	Dimension of Package (W/D/H)(mm)	1078X325X395	1078X325X390
	Net Weight /Gross Weight (kg)	13/17	13/17



	Model of Outdoor Unit	GWCN18B5NK3PA/O	GWCN18B5NK1NB/O	
	Compressor Model	ASH218SV-C8LU	SHY33MC4-S	
	Compressor Type	rotary compressor	rotary compressor	
	L.R.A. (A)	40	45	
	Compressor RLA (A)	8.25	7.6	
	Compressor Power Input (W)	1785	1650	
	Overload Protector	/	/	
	Throttling Method	Capillary	Capillary	
	Starting Method	Capacitor	Capacitor	
	Working Temp Range (°C)	-5°C≤T≤43°C	-7~43	
	Condenser	Aluminum fin-copper tube	Aluminum fin-copper tube	
	Pipe Diameter (mm)	Ф9.52	φ9.52	
	Rows-Fin Gap(mm)	2-1.6	2-1.6	
	Coil length (I) x height (H) x coil			
	width (W)	795X660X44	795X660X44	
	Fan Motor Speed (rpm) (H/M/L)	780	780	
	Output of Fan Motor (W)	68	68	
	Fan Motor RLA (A)	0.3	0.3	
	Fan Motor Capacitor (uF)	2.5	2.5	
Outdoor	Air Flow Volume of Outdoor Unit	/	/	
unit	Fan Type-Piece	Axial fan –1	Axial fan –1	
	Fan Diameter (mm)	Ф460	460	
	Defrosting Method	Auto defrost	Auto defrost	
	Climate Type	T1	T1	
	Isolation	1		
	Moisture Protection	IP24	IP24	
	Permissible Excessive			
	Operating Pressure for the	3.8	2.5	
	Discharge Side(MPa)			
	Permissible Excessive			
	Operating Pressure for the	1.2	0.6	
	Suction Side(MPa)			
	Sound Pressure Level dB (A)	50 54 50	EC/EA/ED	
	(H/M/L)	56, 54, 52	56/54/52	
	Sound Power Level dB (A)	66 64 62	66/64/62	
	(H/M/L)	00, 04, 02	00/04/02	
	Dimension (W/D/H)(mm)	926X378X685	926X378X685	
	Dimension of Package (W/D/H)	994X428X750	994 X 428 X 750	
	Net Weight /Gross Weight (kg)	52/57	52/57	
	Refrigerant Charge (kg)	R410A/1.9	R22/1.85	
	Length (m)	4	4	
Connecti	Outer Diameter	Ф6(1/4")	φ6(1/4")	
on Pipe		Ф12(1/2")	φ12(1/2")	
	MaxDistance	5	5	
		10	10	
		Interior Dimensions L*W*H:		
	20' Container	5898*2352*2393, Door Opening	64	
		W*H: 2343*2280		
Loading		Interior Dimensions L*W*H:		
Quantity	40' Container	12032*2350*2390, Door Opening	138	
,		W*H: 2343*2280		
		Interior Dimensions L*W*H	450	
	40' High Cube Container	12032^2350*2697, Door Opening	153	
		₩°H: 2338*2585		
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Model		GWHN18	35NK1NB	GWHN18	B5NK3QA
unctio	on	COOLING	HEATING	COOLING	HEATING
Rated	Voltage	220-2	240V	220-	240V
Rated	Frequency	50	Hz	50	Hz
Total C	apacity (Btu)(High/Normal)	5000W	5500W	5300W	5700W
Power	Input (W) (High/Normal)	1670W	1900W	1930	1850
Rated	Input (W) (High/Normal)	2500W	2850W	2500	2300
Rated	Current (A) (High/Normal)	10.9	12.4	10.9	10
vir Flov	v Volume (m ³ /h) (H/M/L)	85	50	85	50
ehum	nidifying Volume (I/h)	3.	.0	3	.0
.O.P /	EER (W/W) (High/Normal)	3.0	2.9	3.0	3.39
	Model of Indoor Unit	GWHN18E	5NK1NB/I	GWHN18E	35NK3QA/I
	Fan Motor Speed (r/min) (H/WL)	1250/11	50/1050	1250/1150/1050	
	Output of Fan Motor (w)	2	0	20	
	Input of Heater (w)	/		/	
	Fan Motor Capacitor (uF)	1		1	
	Fan Motor RLA (A)	0.1		0	.1
	Fan Type-Piece	Cross flow fan – 1		Cross flo	w fan – 1
	Diameter-Length (mm)	φ96X 840		φ96>	(840
	Evaporator	Aluminum fin	-copper tube	Aluminum fin-copper tube	
	Pipe Diameter (mm)	φ	7	Ф	7
	Row-Fin Gap(mm)	2-1	.6	2-1.6	
ndoor unit	Coil length (I) x height (H) x coil width (L)	785X195X25.4		0.15	3m2
	Swing Motor Model	MP2	4GA	MP24GA	
	Output of Swing Motor (W)	2	2	2	
	Fuse (A)	PCB 3.15A Tra	ansformer 0.2A	PCB 3.15A Transformer 0.2A	
	Sound Pressure Level dB (A) (H/WL)	464	4/42	48、4	6、44
	Sound Power Level dB (A) (H/WL)	56/5	4/52	58、5	6、54
	Dimension (W/D/H)(mm)	1020X2	28X310	1020X2	28X310
	Dimension of Package (W/D/H)(mm)	1078X3	25X390	1078X3	25X395
	Net Weight /Gross Weight (kg)	13/	(17	1	3

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	Model of Outdoor Unit	GWHN18B5NK1NB/O	GWHN18B5NK3QA/O	
	Compressor Model	SHY33MC4-S	ASH218SV-C8LU	
	Compressor Type	rotary compressor	rotary compressor	
	L.R.A. (A)	45	40	
	Compressor RLA (A)	7.6	8.25	
	Compressor Power Input (W)	1650	1785	
	Overload Protector	/	/	
	Throttling Method	Capillary	Capillary	
	Starting Method	Capacitor	Capacitor	
	Working Temp Range (°C)	-7~43	-5℃ ≤ T≤43℃	
	Condenser	Aluminum fin-copper tube	Aluminum fin-copper tube	
	Pipe Diameter (mm)	φ9.52	Ф9.52	
	Rows-Fin Gap(mm)	2-1.6	2-1.6	
	Coil length (I) x height (H) x coil	705//000////	705/0002/44	
	width (W)	795X660X44	795X660X44	
	Fan Motor Speed (rpm) (H/M/L)	780	780	
	Output of Fan Motor (W)	68	68	
	Fan Motor RLA (A)	0.3	0.3	
	Fan Motor Capacitor (uF)	2.5	2.5	
Outdoor	Air Flow Volume of Outdoor Unit	/	/	
unit	Fan Type-Piece	Axial fan –1	Axial fan –1	
	Fan Diameter (mm)	460	Ф460	
	Defrosting Method	Auto defrost	Auto defrost	
	Climate Type	T1	T1	
	Isolation	Ι	Ι	
	Moisture Protection	IP24	IP24	
	Permissible Excessive			
	Operating Pressure for the	2.5	3.8	
	Discharge Side(MPa)			
	Permissible Excessive			
	Operating Pressure for the	0.6	1.2	
	Suction Side(MPa)			
	Sound Pressure Level dB (A)	F0/F4/F0		
	(H/M/L)	56/54/52	56, 50, 54	
	Sound Power Level dB (A)	66/64/62	69 66 64	
	(H/M/L)	00/04/02	66, 66, 64	
	Dimension (W/D/H)(mm)	926X378X685	926X378X685	
	Dimension of Package (W/D/H)	994 X 428 X 750	994X428X750	
	Net Weight /Gross Weight (kg)	52/57	52/57	
	Refrigerant Charge (kg)	R22/2	R410A/1.95	
	Length (m)	4	4	
Connecti	Outer Diameter	φ6(1/4")	Ф6(1/4")	
on Pine	Odiel Diameter	φ12(1/2")	Ф12(1/2")	
on ipc	MaxDistance	5	5	
		10	10	
		Interior Dimensions L*W*H :		
	20' Container	5898*2352*2393 , Door Opening	64	
		W*H: 2343*2280		
Loading		Interior Dimensions L*W*H :		
Quantity	40' Container	12032*2350*2390 , Door Opening	138	
- a a a a a a a a a a a a a a a a a a a		W*H: 2343*2280		
		Interior Dimensions L*W*H :		
	40' High Cube Container	12032*2350*2697 , Door Opening	153	
		W*H: 2338*2585		

Model		GWHN18B5NK1RA		GWHN24B5NK1RA	
Function		COOLING	HEATING	COOLING	HEATING
Rated Voltage		220-240V~		220-240V~	
Rated F	requency	50Hz		50Hz	
Total Capacity (W)		5000	5500	6000	6800
Power Input (W)		1860	1650	2250	2400
Rated Input (W)		2800	2475	3375	3600
Rated C	Current (A)	15	11.3	15.3	16.4
Air Flow Volume (m ³ /h)		850		920	
Dehumi	idifying Volume (l/h)	3		4	
C.O.P / I	EER (W/W) (High/Normal)	2.69	3.3	2.67	2.83
Energy	Class	/	/	/	/
	Model of Indoor Unit	GWHN18B5NK1RA/I		GWHN24B5NK1RA/I	
	Fan Motor Speed (r/min) (H/WL)	1350/1250/1150		1350/1250/1150	
	Output of Fan Motor (w)	20		20	
	Input of Heater (w)	/		/	
	Fan Motor Capacitor (uF)	1		1	
	Fan Motor RLA(A)	0.1		0.1	
	Fan Type-Piece	Cross flow fan – 1		Cross flow fan - 1	
	Diameter-Length (mm)	φ96X840		φ96X840	
	Evaporator	Aluminum fin-copper tube		Aluminum fin-copper tube	
	Pipe Diameter (mm)	Φ7		Φ7	
ndoor	Row-Fin Gap(mm)	2-1.6		2-1.6	
unit	Coil length (I) x height (H) x coil width (L)	785X195X25.4		785X195X25.4	
	Swing Motor Model	MP24GA		MP24GA	
	Output of Swing Motor (W)	2		2	
	Fuse (A)	PCB 3.15A Transformer 0.2A		PCB 3.15A Transformer 0.2A	
	Sound Pressure Level dB (A) (H/M/L)	46/44/42		48/46/44	
	Sound Power Level dB (A) (H/M/L)	56/54/52		58/56/54	
	Dimension (W/D/H)(mm)	1020 X228X310		1020 X228X310	
	Dimension of Package (W/D/H)(mm)	1130X386X350		1130X386X350	
	Net Weight /Gross Weight	13/17		13/17	

	Model of Outdoor Unit		GWHN18B5NK1RA/O	GWHN24B5NK1RA/O	
	Compressor Model		QX-34F050g	C-R191H5C	
	Compressor Type		rotary compressor	rotary compressor	
	L.R.A. (A))	46.5	62	
	Compressor RLA(A)		8.7	10.4	
	Compressor Power Input(W)		1850	2285	
	Overload Protector		/	/	
	Throttling Method		Capillary	Capillary	
	Starting Method		Capacitor	Capacitor	
	Working Temp Range (℃)		-7℃≪T≪43℃	-7℃ ≤ T≤43℃	
	Condenser		Aluminum fin-copper tube	Aluminum fin-copper tube	
	Pipe Diameter (mm)		Ф9.52	Ф9.52	
	Rows-Fin Gap(mm)		2-1.4	2-1.5	
	Coil length (I) x height (H) x coil width		781X508X44	660X683X44	
	(L) Ean Motor Speed (rpm) (H/M/L)		885	780	
	Output of Ean Motor (W)		48	68	
0.11	Ean Motor RLA(A)		0.22	0.31	
Outdoor	Fan Motor Capacitor (uE)		3	2.5	
unit	Air Flow	Volume of Outdoor Unit	/	/	
	Fan Type-Piece		Axial fan –1	Axial fan –1	
	Fan Diameter (mm)		409	460	
	Defrosting Method		Auto defrost	Auto defrost	
	Climate Type		T1	T1	
	Isolation			I	
	Moisture Protection		IP24	IP24	
	Permissible Excessive Operating				
	Pressure for the Discharge		2.5	2.5	
	Side(MPa)				
	Permissible Excessive Operating		0.6	0.6	
	Pressure for the Suction Side(MPa)				
	Sound Pressure Level dB (A) (H/M/L)		56/54/52	57/55/53	
	Sound Power Level dB (A) (H/WL)		66/64/62	67/65/63	
	Dimension (W/D/H)(mm)		848X32UX54U 950X412X7		
	Dimension of Package (W/D/H)(mm)		878/360/590	1100/450/755	
	Net Weight /Gross Weight (kg)		40/45	59/64	
	Refrigerant Charge (kg)		R22/1.35	R22/1.7	
0	Length (m)		4	4	
tion	Outer	Liquid Pipe (mm)	φ6(1/4")	φ9.52(3/8″) • 4.245 (21)	
uon	Diamet	Gas Pipe (mm)	φ12(1/2″)	φ16(5/8″)	
Pipe		Height (m)	5	5	
	Distanc	Length (m)	10	10	







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Bright Series Suitable for: GWHN18B5NK3QA - 11 Air inlet grill 310 * * - * * 1020 228 Left Tube-exit Sign Top View Right Tube-exit Sign **Rear View** Unit:mm n $\ge 17 \mathrm{cm}$ $\geq 20 \, \mathrm{cm}$ $\geq 20 \mathrm{cm}$ 0 0 · _ · ... ~ 0 С å Ceiling









L1	mm	378
L2	mm	550
L3	mm	342

Electrical Diagram

GWHN18B5NK3NA

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Bright Series





Bright Series

GWHN18B5NK1NB







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Remote Controller Function Manual and Operating Instruction

6.1 Remote Controller Function Manual

6.1.1 Temperature Parameters

Indoor preset temperature (T_{preset})

◆Indoor ambient temperature (T_{amb.})

6.1.2 Basic Functions

Once energized, the compressor should in no way be restarted unless after 3-minute time interval at least. For the first energization, the compressor will be started without 3-minute lag. Once started, the compressor will not be stopped within 6 minutes with the change of room temperature.

6.1.2.1 Cooling Mode

6.1.2.1.1 Working Conditions and Process of Cooling

When $T_{amb} \ge T_{preset} + 1^{\circ}C$, the unit will run under cooling mode, in which case the compressor and outdoor fan will start and the indoor fan will run at preset speed.

When $T_{amb.} \leq T_{preset} - 1^{\circ}C$, the compressor and the outdoor fan will be stopped, the indoor fan will run at preset speed. When $T_{preset} - 1^{\circ}C < T_{amb.} < T_{preset} + 1^{\circ}C$, the unit will maintain its original operating status.

Under this mode, the reversal valve will be de-energized and the temperature can be set within a range from 16 to 30°C.



6.1.2.1.2 Display

The display window will display run icon, cooling icon and the set temperature. 6.3.2.1.3 Pretection

♦ Antifreeze Protection

If it is detected that the system is under antifreeze protection, the compressor and outdoor fan will be stopped, and the indoor fan will run at preset speed. When antifreeze protection is released and the compressor has stopped for 3 minutes, the unit will resume its original operating status.



Overcurrent Protection

If it is detected that the system amperage exceeds the specified value(about 22 A), the main unit will enter into the status that only the fan is running. After 3 minutes and overcurrent protection is released, the main unit will resume its original operating status .If it is 3 times continuously detected overcurrent protection (if the compressor has run over 5 mins continuously, the times of protection will be cleared), the main unit will be stopped on standby, the nixietube will display error code "E5", the power indicator will blink and it is need to restart the unit by the wireless remote control.

6.1.2.2 Dehumidifying Mode

6.1.2.2.1 Working Conditions and Process of Dehumidifying

When $T_{amb} > T_{preset} + 2^{\circ}C$, the unit will run under dehumidifying and cooling mode, in which case the compressor and outdoor fan will start to run, the indoor fan will run at low speed.

When $T_{\text{preset}} - 2^{\circ}C \le T_{\text{amb}} \le T_{\text{preset}} + 2^{\circ}C$, the unit will run under dehumidifying mode, in which case the indoor fan will keep run at low speed, while the compressor and outdoor fan will run 6 minutes and stop 4 minutes so repeated in cycle. When $T_{\text{amb}} < T_{\text{preset}} - 2^{\circ}C$, the compressor and outdoor fan will be stopped and the indoor fan will run at low speed.

Under this mode, the reversal valve will be de-energized and the temperature can be set within a range from 16 to 30°C.



Bright Series

6.1.2.2.2 Display

The display window will display run icon, dehumidifying icon and the set temperature. **6.3.2.2.3 Protection**

Antifreeze Protection

Under dehumidifying and cooling mode, if it is detected that the system is under antifreeze protection, the compressor and outdoor fan will be stopped, and the indoor fan will run at low speed. When antifreeze protection is released and the compressor has stopped for 3 minutes, the complete unit will resume its original operating status.

Upon meeting "run 6 mins and stop 4 mins" dehumidify condition, if it is detected that the system is under antifreeze protection, the compressor and outdoor fan will be stopped, and the indoor fan will run at low speed. When antifreeze protection is released and the compressor has stopped for 4 minutes, the complete unit will resume its original operating status.



6.1.2.3 Heating Mode

6.1.2.3.1 Working Conditions and Process of Heating

When $T_{amb} \leq T_{preset} + 2^{\circ}C$, the unit will run under heating mode, in which case the reversal valve, compressor and outdoor fan will be simultaneously started, and the indoor fan will be started after 2 minutes the latest. If $T_{amb} \geq T_{preset} + 4^{\circ}C$, the compressor and outdoor fan will be stopped, the reversal valve is still energized and the indoor fan will run at low speed for 60 seconds before it is stopped.

When $T_{preset} + 2^{\circ}C < T_{amb.} < T_{preset} + 4^{\circ}C$, the unit will maintain its original operating status.

> Under this mode, the temperature can be set within a range from 16 to 30 °C.



6.1.2.3.2 Display

The display window will display run icon, heating icon and the set temperature.

6.1.2.3.3 Protection

♦ High Temp. Protection

If it is detected that the evaporator tube temperature is too high, the outdoor fan will be stopped. When the tube temp. resumes to normal, the outdoor fan will be restarted.

Noise Silencing Protection

If the unit is stopped by pressing ON/OFF, or mode switching, the reversal valve will be stopped after 2-minute lag.

• Overcurrent Protection is the same as that under cooling mode(only indoor fan will run at low speed for 60 seconds before it is stopped).

6.1.2.3.4 Conditions and Process of Defrosting Upon meet the defrosting condition, the system will enter into defrosting status, in which case the compressor will continue to run, the outdoor fan, 4-way valve and indoor fan will be stopped and the running indicator will blink. When it is detected that the frost in condenser is completely eliminated, the outdoor fan, 4-way valve and indoor fan will be started, the compressor will keep running, and the running indicator will stop blinking.

The first defrost after energization will last 10 minutes. Later, the defrost time can be adjusted according to the \triangleright quantity of frost. Defrost takes longer if more frost (Max. 12 minutes) and takes shorter if less frost (Min. 7.0 minutes). The system will exit defrost mode upon completion of defrostina.

6.1.2.4 Fan mode

Under FAN mode, only the indoor fan runs at preset speed, the compressor,outdoor fan and 4-way valve are stop.

 \succ Under this mode, the temperature can be set within a range from 16 to 30 °C.

> Display : The display window will display run icon .

6.1.2.5 Auto Mode

Under this mode, the system will automatically select its run mode (cool, dehumidify, heat or fan) with the change of ambient temperature.

> Display : The display window will display run icon, current mode icon and the set temperature.

> For protection function, same as under cooling, dehumidifying, fan and heating mode. There is 30s delay for mode switch.

6.3.3.Other Control

6.1.3.1 AUTO ON

To set AUTO ON function when the unit is under STOP status, after reaching the time of AUTO ON, the controller will rur under preset mode. The time interval for AUTO ON is 0.5h and can be set within 0.5 - 24 hours.

6.1.3.2 AUTO OFF

You can set AUTO OFF function when the unit is under ON status. After reaching the time of AUTO OFF, the system will be switched off. The time interval for AUTO OFF is 0.5h, and can be set within 0.5 - 24 hours.

6.1.3.3 Automatic Control of Fan Speed

In this mode, according to the change of ambient temperature, indoor fan will select High, Middle and Low fan speed auto -matically with an interval of changing at leasts 3mins and 30s among the wind speeds(first enter into Auto fan speed or mode switch, there is no 3mins and 30 s delay). Under any mode, there is not super high fan speed for Auto fan speed.

6.1.3.4 UP/DOWN Swing motor control

Once energized, the up and down swing motor will rotate the guide louver to position 0 to close the air outlet

If swing function is not set after the unit is started, the guide louver will be turned to L position when cooling

and will be turned to D position when heating. If swing function is set after the unit start, the guide louver will swing between L and D position.when the unit is stop, the guide louver will be closed. If swing function is set,

the guide louver will stay at current position when the indoor fan is stopped. When the indoor fan is restarted

to run, the guide louver will resume to swing.



6.1.3.5 Buzzer

When the controller is energized or receives remote control signal or the auto key be pressed, the buzzer will give out a beep. 6.1.3.6 Auto key

If one press of this key, the unit will run under AUTO mode and the indoor fan will run at AUTO SPEED. The swing motor is started when the indoor fan is working. Press this key again to stop the unit.

6.1.3.7 Indicator

There is a dual colour indicator on the running display section, after energized, if the unit is standby, the run indicator will be red, and if the unit is running, the run indicator will be green.

6.1.3.8 Sleep Function

Setting SLEEP function under COOL or DEHUMIDIFY mode, the preset temperature will automatically rise by 1° C after 1 hour and rise by another 1° C after 2 hours. Preset temperature will rise by 2° C in total within 2 hours. After that, the unit will run at this preset temperature. If the indoor fan will run at preset speed.



Setting SLEEP function under HEAT mode, the preset temperature will automatically decrease by $1^{\degree C}$ after 1 hour and decrease by another $1^{\degree C}$ after 2 hours. Preset temperature will decrease by $2^{\degree C}$ in total within 2 hours. After that, the unit will run at this preset temperature. If the indoor fan will run at preset speed.



If set sleep function under fan or auto mode, the set temperature will remain unchanged.

6.1.3.9 Dry and mildewproof function

- 1). At "on" status under cooling or dehumidifying mode, you can set dry function "on" or "off". If the dry function is set "on", when the unit is switched off, the indoor fan will run at low speed for 10 mins(during this 10 mins, the swing will maintain its original operating status, other loads will be turned off), and then the whole unit will be stop. If the dry function is set "off", when the unit is switched off, the whole unit will be stopped directly.
- 2) During drying, if the dry function is set "off", the indoor fan will be stopped immediately and the guide louver will be closed.
- 3). When the dry function is set "on", there is "DRY" displayed on the display windor of remote controller. When turn off the dry function; there is no "DRY" displayed on the display windor of remote controller.
- 4).When de-energized and re-energized, the dry function is at "off" status.
- 5). Unless switched on by the remote controller, the dry function is defaulted "off".

6.1.3.10 Super high fan speed control

Control this fuction on/off by pressing TURBO button in COOL and HEAT mode(no this function in AUTO,DRY or FAN mode).Press this button once,the remote controller will display TURBO and remian the fan speed level display,meanwhile, inner fan runs at super high speed(only the controller with 3-level speed receives TURBO,the inner fan runs at high speed). Repress this button again to quit ,then TURBO disappears, inner fan runs at preset speed.Or in which case,operate the fan speed to quit turbo function with corresponding fan speed.

Turbo function is defaulted off after power on of the remote controller.

The controller with the function of power down memory will resume turbo setting once power on again after power off. The remote controller or controller will memorize turbo setting of the unit from stop to start ,another mode to cool mode

or heat mode; but no turbo memory for another mode to auto, dry or fan mode.

6.3.3.11 Display

6.3.3.11.1 Display of Run Icon and Mode Icon

Once energized, all icons will flash in dynamic. When the unit is turned on by remote controller, the RUN icon and the preset Mode icon are bright at the same time. If the light key is turned off, only the RUN Icon is bright. When the unit is switched off, all icons except the power indicator are black.

6.3.3.11.2 Dual 8 Display

When turn on the unit,the Dual 8 nixietube will display preset temperature(range from 16 to 30°C). If PG motor locked protection occurs, the nixietube will display "H6", and PTC protection occurs, the nixietube will display "H9", but both of the maldunctions occur at the same time, the 3S will be displayed circularly.

6.3.3.12 Power-off Memory

Memory contents: Mode, UP/DOWN Swing, light, Set temp, Set fan speed.

After de-energized, and re-energized, the unit will start to run with the memory function automatically. The system, if the last remote control signal do not set timer function, will memorize the last remote control signal and run according to it. If the last remote control signal has set timer function, the system is de-energized before the set time, when re-energized, the system will memorize the timer function, the set time will recalculate. If the last remote control signal has set timer function and the system is de-energized after the set time, when re-energized, the system will memorize the running status before de-energized.

6.1.3.13 Indoor fan motor locked protection

1) When motor locked protection occurs, all loads stop (indoor fan, outer fan, compress etc, 4-way valve stop after 2 mins lag).

2) Once the motor locked protection occurs, it is need to power off the unit and then power on to resume to work.

3) When motor locked protection occurs, both the remote control receiving and pressing is available, but does not for specific

4) When motor locked protection occurs, if the unit is under "on" status, the malfunction indicator will have display; if the unit is under "off" status, the malfunction indicator will be turned off. The specific display method method: the dual 8 nixietube will display "H6" and the running indicator will blink.

6. 2 Remote Controller Function Manual

This manual is suitable for: WHIRL POOL50, 60 Split UnitS: GWHN18B5NK3HA GWHN24B5NK3HA

6.2.1 Temperature Parameters

◆ Indoor preset temperature (T_{preset})

Indoor ambient temperature (T_{amb.})

6.2.2 Basic Functions

Once energized, the compressor should in no way be restarted unless after 3-minute time interval at least. For the first energization, the compressor will be started without 3-minute lag if the unit is off before power off;on the contrary ,3-minute lag if the unit is on before power off. Once started, the compressor will not stop in 6 minutes with the change of indoor temp.

6.2.2.1 Cooling Mode

6.2.2.1.1 Working Conditions and Process of Cooling

When $T_{amb} \ge T_{preset} + 1^{\circ}C$, the unit will run under cooling mode, in which case the compressor and outdoor fan will start and the indoor fan will run at preset speed.

When $T_{amb.} \leq T_{preset} - 1^{\circ}C$, the compressor and the outdoor fan will be stopped, the indoor fan will run at preset speed. When $T_{preset} - 1^{\circ}C < T_{amb.} < T_{preset} + 1^{\circ}C$, the unit will maintain its original operating status.

> Under this mode, the reversal valve will be de-energized and the temperature can be set within a range from 16 to 30°C.



6.2.2.1.3 Pretection

Antifreeze Protection

If it is detected that the system is under antifreeze protection, the compressor and outdoor fan will be stopped, and the indoor fan will run at preset speed. When antifreeze protection is released and the compressor has stopped for 3 minutes, the unit will resume its original operating status.



• Overcurrent Protection

If it is detected that the system amperage exceeds the specified value(about 22 A), the main unit will enter into the status that only the fan is running. After 3 minutes and overcurrent protection is released, the main unit will resume its original operating status. If it is 3 times continuously detected overcurrent protection (if the compressor has run over 5 mins continuously the times of protection will be cleared), the main unit will be stopped on standby, the nixietube will display error code "E5", the power indicator will blink and it is need to restart the unit by the wireless remote control.

Locked Protection to Indoor Fan Motor

- When motor locked protection occurs, all loads stop (indoor fan, outer fan, compress etc, 4-way valve stop after 2 mins lag).
 Once the motor locked protection occurs, it is need to power off the unit and then power on to resume to work.
- 3) When motor locked protection occurs, both the remote control receiving and pressing is available, but does not for specific control.
- 4) When motor locked protection occurs, if the unit is under "on" status, the malfunction indicator will display: if the unit is under "off" status, the malfunction indicator will be turned off. The specific display method method: the dual 8 nixietube will display "H6" and the running indicator will blink.

Note: It will be treated as locked while the motor rotating speed is too low.

6.2.2.2 Dehumidifying Mode

6.2.2.2.1 Working Conditions and Process of Dehumidifying

 $+2^{\circ}$, the unit will run under dehumidifying and cooling mode, in which case the compressor and outdoor fan will start to run, the indoor fan will run at low speed.

 $amb.\leq T_{preset} + 2^{\circ}C$, the unit will run under dehumidifying mode, in which case the indoor fan will keep run at low speed, while the compressor and outdoor fan will run 6 minutes and stop 4 minutes so repeated in cycle. When $T_{amb.} < T_{preset} - 2^{\circ}C$, the compressor and outdoor fan will be stopped and the indoor fan will run at low speed.

Under this mode, the reversal valve will be de-energized and the temperature can be set within a range from 16 to 30°C.



6.2.2.2.2 Protection

♦ Antifreeze Protection

Under dehumidifying and cooling mode, if it is detected that the system is under antifreeze protection, the compressor and outdoor fan will be stopped, and the indoor fan will run at low speed. When antifreeze protection is released and the compressor has stopped for 3 minutes, the complete unit will resume its original operating status.

Upon meeting "run 6 mins and stop 4 mins" dehumidify condition, if it is detected that the system is under antifreeze protection, the compressor and outdoor fan will be stopped, and the indoor fan will run at low speed. When antifreeze protection is released and the compressor has stopped for 4 minutes, the complete unit will resume its original operating status.



• Overcurrent protection and indoor fan locked protection are the same as that in COOL mode.

6.2.2.3 Heating Mode

6.2.2.3.1 Working Conditions and Process of Heating

When $T_{amb.} \leq T_{preset} + 2^{\circ}C$, the unit will run under heating mode, in which case the reversal valve, compressor and outdoor fan will be simultaneously started, and the indoor fan will be started after 2 minutes the latest. If $T_{amb.} \geq T_{preset} + 4^{\circ}C$, the compressor and outdoor fan will be stopped, the reversal valve is still energized and the indoor fan will run at low speed for 60 seconds before it is stopped.

When $T_{preset} + 2^{\circ}C < T_{amb.} < T_{preset} + 4^{\circ}C$, the unit will maintain its original operating status.

> Under this mode, the temperature can be set within a range from 16 to 30 °C.



6.2.2.3.2 Protection

High Temp. Protection

If it is detected that the evaporator tube temperature is too high, the outdoor fan will be stopped. When the tube temp. resumes to normal, the outdoor fan will be restarted.

Bright Series

♦Noise Silencing Protection

- If the unit is stopped by pressing ON/OFF, or mode switching, the reversal valve will be stopped after 2-minute lag.
- Overcurrent Protection is the same as that under cooling mode(only indoor fan will run at low speed for 60 seconds before it is stopped).
- ♦ Locked protection to indoor fan is the same as that in cooling mode.

6.2.2.3.3 Conditions and Process of Defrosting

Upon meet the defrosting condition, the system will enter into defrosting status, in which case the compressor will continue to run, the outdoor fan, 4-way valve and indoor fan will be stopped and the running indicator will blink. When it is detected that the frost in condenser is completely eliminated, the outdoor fan, 4-way valve and indoor fan will be started , the compressor will keep running, and the running indicator will stop blinking.

The first defrost after energization will last 10 minutes. Later, the defrost time can be adjusted according to the quantity of frost. Defrost takes longer if more frost (Max. 12 minutes) and takes shorter if less frost (Min. 7.0 minutes). The system will exit defrost mode upon completion of defrosting.

6.2.2.4 Fan mode

Under FAN mode, only the indoor fan runs at preset speed, the compressor,outdoor fan and 4-way valve are stop. > Under this mode, the temperature can be set within a range from 16 to 30° C.

6.2.2.5 Auto Mode

Under this mode, the system will automatically select its run mode (cool, dehumidify, heat or fan) with the change of ambient temperature. Standard preset temp. of cooling and heating is respectively 25° C and 20° C.

> Protection function is the same as that under cooling, dehumidifying, fan or heating mode. There is 30s delay for mode switch.

Note: In auto mode for cooling and heating unit, if the mode is from heating to another status, the 4-way valve will be powered off in 2-minute delay.

6.2.3.Other Control

6.2.3.1 Automatic Control of Fan Speed

In this mode, according to the change of ambient temperature, indoor fan will select High,Middle and Low fan speed auto -matically with an interval of changing at leasts 3mins and 30s among the wind speeds(first enter into Auto fan speed or mode switch,there is no 3mins and 30 s delay).Under any mode, there is not super high fan speed for Auto fan speed.

6.2.3.2Malfunction Detection of Temp. Sensor

If short circuit or break of indoor temp sensor is detected, F1 will be displayed in nixietube ;in the same way, if that of pipetemp sensor is detected, F2 will be displayed. If the unit is started (including unit is stopped at certain temp) with the above

malfunctions, the indoor unit will stop immediately and display malfunctions. And the unit won't display malfunction, but it receives signals from remote controller when stopping the unit. The unit won't be started but it displays malfunctions after it is stopped with above malfunctions. Only after the compressor has been stopped for 3 minutes and malfunctions have been resolved can the unit resume its normal running.

6.2.3.3Turbo Function

This function is available only in cool and heat mode. In heat mode, the inner fan will run at high-level speed and preset temp be at 30'C after the controller receives turbo instruction; in the same way, in cool mode, the inner fan at high-level speed and preset temp at 16'C. This function will be automatically canceled during switch of mode or fan speed.

6.2.3.4 Timer

6.2.3.4.1 AUTO ON

To set AUTO ON function when the unit is under STOP status, after reaching the time of AUTO ON, the controller will run under preset mode. The time interval for AUTO ON is 0.5h and can be set within 0.5 - 24 hours.

6.2.3.4.2 AUTO OFF

You can set AUTO OFF function when the unit is under ON status. After reaching the time of AUTO OFF, the system will be switched off. The time interval for AUTO OFF is 0.5h, and can be set within 0.5 - 24 hours.

6.2.3.4.3 Change of Timer

When the unit is in timer status, start or stop of the unit can be set by pressing ON/OFF button of remote controller; timer can also be anew set so that the unit will run by the latest setting. If the unit is on and set auto on/off simultaneously, it won't stop present running until auto off; in the same way, if the unit is off, the unit won't start until auto on.

In future days, the unit will run at preset mode when its time for auto start of the unit; the unit will stop when it's time for auto stop. If the same setting to auto start and auto stop occurs, the unit will perform the instruction of auto stop.

6.2.3.5 Display



6.2.3.5.1 Display of Running and Mode Icons and Dual-8

When power-on after power-off, all the icons will be displayed for 3S. If the unit is on and remote controller is in operation, preset temp display in dynamic will turn to ambient temp display in 10S.(If temp is from remote controller, the unit will display it; If not, the unit will display the temp of AC temp sensor itself.) When starting the unit by remote controller, running icon will light, meanwhile, preset running mode will be also displayed. If shut off LIGHT button, no display but running icon will be displayed. When stopping the unit, no icon but light icon will be display. The two-color indicator in the region of displaying running status will be in red if the unit is standby after power-on; it will be in green if the unit is running.

6.2.3.5.2 Malfunction Display

Upon locked running of PG motor, the nixietube will display H6 with blink of running light. If short circuit or break of indoor temp sensor is detected, F1 will be displayed in nixietube with blink of cooling indicator; in the same way, if that of pipe- temp sensor is detected, F2 will be displayed with blink of cooling indicator. During outdoor defrosting, H1 will be displayed in nixietube with blink of heating indicator; during overcurrent protection,E5 will be displayed ;If various malfunctions occur simultaneously, the

codes will be displayed circularly.

6.2.3.6 Round-U Function

If the controller receives round-u instruction, it will run at the ambient temp sent by remote controller (but it will also run at the

temp of AC temp sensor itself during defrosting or anti-cool air protection.) The remote controller will send ambient temp to

controller every 10min, so if the controller hasn't received ambient temp from remote controller after 11 min, it will run at the ambient temp of AC itself. If the function of round-u hasn't been set, all the ambient temp will adopt sampling value of AC temp

sensor itself. This function is not available after power-off.

6.2.3.7 Swing UP/DOWN

After energization, the up and down swing motor will rotate the guide louver to position 0 to close the air outlet .If swing function is not set after the unit is started, the guide louver will be turned to level position L under cooling status, and will be turned to maximum position D under heating status. If swing function is set after the unit is started, the guide louver will swing between L and D position. The guide louver will be closed after the unit is stopped .Swing motor will stop at maximum degree upon reset after power-on ;the guide louver will stop by present position immediately after the inner fan stopps running, which will

continue swing after inner fan resumes running.



6.2.3.8 Buzzer

When the controller is energized or receives remote control signal , the buzzer will beep. $\bf 6.2.3.9~Auto~Button$

If once press of this button, the unit will run under AUTO mode and the indoor fan will run at AUTO SPEED. The swing motor is started when the indoor fan is working. Press this key again to stop the unit.



6.2.3.10 Sleep Function

Setting SLEEP function under COOL or DEHUMIDIFY mode, the preset temperature will automatically rise by 1° after 1 hour and rise by another 1° after 2 hours. Preset temperature will rise by 2° in total within 2 hours. After that, the unit will run at this preset temperature. If the indoor fan will run at preset speed.



Setting SLEEP function under HEAT mode, the preset temperature will automatically decrease by 1 $^{\circ}$ after 1 hour and decrease by another 1 $^{\circ}$ after 2 hours. Preset temperature will decrease by 2 $^{\circ}$ in total within 2 hours. After that, the unit will run at this preset temperature. If the indoor fan will run at preset speed.



If set sleep function under fan or auto mode, the set temperature will remain unchanged.

6.2.3.11 Power-off Memory

Memory contents: Mode, UP/DOWN Swing, light, Set temp, Set fan speed.

After de-energized, and re-energized, the unit will start to run with the memory function automatically. The system, if the last remote control signal do not set timer function, will memorize the last remote control signal and run according to it. If the last remote control signal has set timer function, the system is de-energized before the set time, when re-energized, the system will memorize the timer function, the set time will recalculate. If the last remote control signal has set timer function and the system is de-energized after the set time, when re-energized, the system will memorize the running status before de-energized.



7. 1. 4 |||||||Disassemble Front Case

Unclench the three screw covers, unscrew the three screws fixing the front case, loosen the fore-and-aft clasps and remove the front case.

(refer to Fig. 7-4)



Screw Screw Cover



7. 1. 5 ||||||||| Disassemble Cover of Electric Box

Loosen the three clasps, and remove the cover of the electric box.

(refer to Fig. 7-5)



clasps Fig. 7-5



Loose the clasp at the left side, and disconnect the terminal of the stepping motor and take out the water tray .

(Pay attention not to damage the drainage pipe).

(refer to Fig. 7-6;7-7)







terminal

Fig. 7-7

7. 1. 7 |||||||| Disassemble Electric Box

Unscrew the two screws fixing the electric box, loosen the clasp, pull out the tube sensor, unscrew grounding nut, disconnect the terminal of the motor and remove the electric box.

(refer to Fig. 7-8)







7. 1. 8 |||||||| Disassemble Evaporator

Unscrew the screws fixing the evaporator; one on the left, two on the right. (refer to Fig. 7-9,7-10)

Manually lift the left side of evaporator, and push backward to let the side clasp of evaporator out of the groove. Carefully take out the evaporator and pay attention to protect the connecting pipe.

7.1.9 Disassemble Motor

remove the clamp.

(refer to Fig. 7-11)

(refer to Fig. 7-12)

Unscrew the 3 screws fixing the motor clamp to

Unscrew the holding nut fixing the cross flow fan,

pull out the motor from the cross flow fan.



Fig. 7-9



Fig. 7-10







Fig. 7-12



7. 1. 10

Refer to the above step, after pull out the motor, yor can remove the cross flow fan from the base. (refer to Fig. 7-12)





7. 2. 7 |||||||| Disassemble axial-flow vane

Unscrew the nuts fixing the axial-flow vane with a spanner, and then take it out.

(refer to Fig. 7-19)

axial-flow vane ----

tight nut.



Fig.7-19

7.2.8 |||||||| Disassemble Outdoor Motor and Motor Support

Unscrew the 4 tapping screws fixing the motor, and pull out the inset block of compressor lead-out wire to take the motor out.Unscrew the two screws fixing the motor support, and lift the motor support to remove it.

(refer to Fig. 7-20)



Disassemble 4-Way Valve 7.2.9 ||||||||| (cooling only unit has not)

Screw off the holding nut of the 4-way valve coil and remove the coil. Use wet cotton cloth to wrap the 4-way valve, unsold the four soldering points connecting the 4-way valve, and remove the 4-way valve. Be quick during the unsoldering process, pay attention to keep the wrapping cloth wet and do not allow the soldering flame to burn the compressor lead-out cable. Fig.7-20



(refer to Fig. 7-21)





7.2.10

Unsolder the soldering spots of the capillary subassembly and remove the capillary. Make sure that do not let any welding dregs block the capillary.

(refer to Fig. 7-22)

Capillary



Fig.7-22

7.2.11 Disassemble Valves

Screw off the 2 pieces of bolts that fix the gas valve and unsolder the welding spot connecting gas valve and air return pipe to take off the big valve.

(Note: When unsoldering welding spot, wrap the big valve completely with wet cloth to avoid high-temperature damage to the valve body.)

Screw off the 2 pieces of bolts that fix the liquid valve and unsolder the welding spot conneting liqud valve and Y-type pipe to take off the liquid valve.

(refer to Fig. 7-23)

liquid valve bolts gas valve





First, unsolder the pipe that connects to the compressor, then disassemble the 3 foot nuts of the compressor to

disassemble the compressor.

(refer to Fig. 7-24)



Fig.7-24





73.4 ||||||||| Disassemble Rear Side Plate

Unscrew the 9 screws at the rear side plate and take it off.

(refer to Fig. 7-28)



Fig.7-28



Unscrew the 4 screws at the cover of the electric box to take out the cover.

Unscrew the 2 screws fixing the electric box,pull out the terminal pins of fan motor, compressor, reactor and 4-way valve and inset block of motor lead-out wire, next then take out the electric box.

(refer to Fig. 7-29)



screws

Fig.7-29



7 4. 6 IIIIII Disassemble Axial-flow Vane

Loosen tight nut by a spanner to take off nuts, spring washer, flat washer, and take off axial-flow vane forcibly.

(refer to Fig. 7-30

axial-flow vane

tight nut



Fig.7-30

7. 3. 7 |||||||| Disassemble Motor and Motor Support

Unscrew the 4 screws fixing the motor, and remove the motor. Unscrew the two screws fixing the motor support, and remove the motor support .

(refer to Fig. 7-31)



Fig.7-31

7.3.8 |||||||| Disassemble 4-Way Valve

Screw off the tight nuts fixing the 4-way valve coil and remove the coil. Use wet cotton cloth to wrap the 4-way valve, unsold the four soldering spots connecting the 4-way valve, and remove it.

(refer to Fig. 7-32)



Fig.7-32



8.

2	Components and	Parts	List of	Indoor	Unit

		Part Code	
No	Description	GWHN18B5NK3NA/I	Qty
1	Wall-Mounting Frame	01252004	1
2	Rear Case	22202329	1
3	Fan Bearing	76512210	1
4	Screw Cover	24252015	3
5	Swing Louver	10512429	12
6	Swing Link 1	10582057	1
7	Swing Link 2	10582058	1
8	Water Tray	20182057	1
9	Guide Louver (up)	10512085	1
10	Guide Louver (down)	10512086	1
11	Cross Flow Fan	10352022	1
12	Evaporator Assy	010022283	1
13	Drainage Pipe	052324111	1
14	Evaporator Support	24212067	1
15	Filter	11122048	2
16	Front Case	20002652	1
17	Front Panel Case	20002843	1
18	Front Panel		—
19	Displaying Light Board		—
20	Electric Box Cover 1	20112019	1
21	Wire Clamp	71010103	1
22	Terminal Board T4B3A	42011233	1
23	Electric Box Cover	20112020	1
24	Main PCB	30030307	1
25	Transformer 57X25C	43110237	1
26	Room Sensor 15k	390000451	1
27	Tube Sensor 20k	390000595	1
28	Sensor Insert	42020063	1
29	Electric Box	20112018	1
30	Lower Shield of Electric Box	01592037	1
31	Upper Shield of Electric Box	01592038	1
32	Stepping Motor MP28EA	15212102	1
33	Motor Clamp	26112095	1
34	Helicoid tongue	26252009	1
35	Motor FN20C-PG	15012077	1
36	Pipe Clamp	24242001	1
37	Connecting Cable	400205382	1
38	Remote Controller YJ1B	30511009	1

The above data are subject to change without notice.



8.4 Components and Parts List of Indoor Unit

No	Description	Part Code	Part Code	Part Code	Otv
NU	Description	GWCN18B5NK1NA/I	GWCN18B5NK1NC/I	GWHN24B5NK3NA/I	
1	Wall-Mounting Frame	1252004	01252004	01252004	1
2	Rear Case	22202329	22202329	22202329	1
3	Fan Bearing	76512210	76512210	76512210	1
4	Screw Cover	24252015	24252015	24252015	3
5	Swing Louver	10512429	10512429	10512429	12
6	Swing Link 1	10582057	10582057	10582057	1
7	Swing Link 2	10582058	10582058	10582058	1
8	Water Tray	20182057	201820571	20182057	1
9	Guide Louver (up)	10512085	10512085	10512085	1
10	Guide Louver (down)	10512086	10512086	10512086	1
11	Cross Flow Fan	10352022	10352022	10352022	1
12	Evaporator Assy	10022281	010022281	010024904	1
13	Drainage Pipe	52324111	052324111	052324111	1
14	Evaporator Support	24212067	24212067	24212067	1
15	Filter	11122048	111220481	11122048	2
16	Front Case	20002652	20002652	20002878	1
17	Front Panel	20002843	20002843	20002879	1
18	Remote Controller YB1A21	30511009	30511009	30511009	1
19	Displaying Light Board	224320691	224320691	22432069	1
20	Electric Box Cover 1	20112019	20112019	20112019	1
21	Wire Clamp	71010103	71010103	71010103	1
22	Terminal Board T4B3A	42011233	42011233	42011233	1
23	Electric Box Cover	20112020	20112020	20112020	1
24	Main PCB	30030308	30030310	30037606	1
25	Transformer 57X25C	43110237	43110237	43110237	1
26	Room Sensor 15k	390000451	390000451	390000451	1
27	Tube Sensor 20k	390000595	390000595	390000595	1
28	Sensor Insert	42020063	42020063	42020063	1
29	Electric Box	20112018	20112018	20112018	1
30	Lower Shield of Electric Box	1592037	01592037	01592037	1
31	Upper Shield of Electric Box	1592038	01592038	01592038	1
32	Stepping Motor MP28EA	15212102	15212102	15212102	1
33	Motor Clamp	26112095	26112095	26112095	1
34	Helicoid tongue	26252009	26252009	26252009	1
35	Motor FN20C-PG	15012077	15012077	15012077	1
36	Pipe Clamp	24242001	24242001	24242001	1
37	Connecting Cable	400205382	400205382	400205382	1



8.6 Components and Parts List of Indoor Unit

		Part Code	Part Code	
No	Description			Qty
1	Wall-Mounting Frame	01252004	01252004	1
2	Rear Case	22202329	22202329	1
3	Fan Bearing	76512210	76512210	1
4	Screw Cover	24252015	24252015	3
5	Swing Louver	10512429	10512429	12
6	Swing Link 1	10582057	10582057	1
7	Swing Link 2	10582058	10582058	1
8	Water Trav	20182057	20182057	1
9	Guide Louver (up)	10512085	10512085	1
10	Guide Louver (down)	10512086	10512000	1
11	Cross Flow Fan	10352022	10352022	1
12	Evaporator Assy	010022281	010024901	1
13	Drainage Pipe	052324111	052324111	1
14	Evaporator Support	24212067	24212067	1
15	Filter	11122048	11122048	2
16	Front Case	20002652	20002652	1
17	Front Panel Case	20002590	20002590	1
18	Electric Box Cover 1	20112019	20112019	1
19	Wire Clamp	71010103	71010103	1
20	Terminal Board T4B3A	42011233	42011233	1
21	Electric Box Cover	20112020	20112020	1
22	Main PCB	30030308	30030310	1
23	Transformer 57X25C	43110237	43110237	1
24	Room Sensor 15k	390000451	390000451	1
25	Tube Sensor 20k	390000595	390000595	1
26	Sensor Insert	42020063	42020063	1
27	Electric Box	20112018	20112018	1
28	Lower Shield of Electric Box	01592037	1592037	1
29	Upper Shield of Electric Box	01592038	1592038	1
30	Stepping Motor MP28EA	15212102	15212102	1
31	Motor Clamp	26112095	26112095	1
32	Helicoid tongue	26252009	26252009	1
33	Motor FN20C-PG	15012077	15012077	1
34	Pipe Clamp	24242001	24242001	1
35	Connecting Cable	400205382	400205382	1
36	Remote Controller YB1A21	30511009	30511009	1



8.8 Components and Parts List of Indoor Unit

	Port Code			
No	Description			Qty
1	Wall-Mounting Frame	01252004	01252004	1
2	Rear Case	22202329	22202329	1
2	Fan Bearing	76512210	76512210	1
3 1	Screw Cover	24252015	24252015	3
5	Swing Louver	10512429	10512429	12
6	Swing Link 1	10582057	10582057	1
7	Swing Link 2	10582058	10582058	1
8	Water Trav	20182057	201820571	1
9	Guide Louver (up)	10512085	105120851	1
10	Guide Louver (down)	10512086	105120861	1
10	Cross Flow Fan	10352022	10352022	1
12	Evaporator Assy	010022283	010022281	1
13	Drainage Pipe	052324111	052324111	1
14	Evaporator Support	24212067	24212067	1
15	Filter	11122048	11122048	2
16	Front Case	20002652	20002652	1
17	Front Panel	20002722	20002843	1
18	Remote Controller YB1A21	30511009	30511009	1
19	Displaying Light Board	22432069	224320691	1
20	Electric Box Cover 1	20112019	20112019	1
21	Wire Clamp	71010103	71010103	1
22	Terminal Board T4B3A	42011233	42011233	1
23	Electric Box Cover	20112020	20112020	1
24	Main PCB	30030308	30030308	1
25	Transformer 57X25C	43110237	43110237	1
26	Room Sensor 15k	390000451	390000451	1
27	Tube Sensor 20k	390000595	390000595	1
28	Sensor Insert	42020063	42020063	1
29	Electric Box	20112018	20112018	1
30	Lower Shield of Electric Box	01592037	01592037	1
31	Upper Shield of Electric Box	01592038	01592038	1
32	Stepping Motor MP24GA	15212102	15212102	1
33	Motor Clamp	26112095	26112095	1
34	Helicoid tongue	26252009	262520091	1
35	Motor FN20C-PG	15012077	15012077	1
36	Pipe Clamp	24242001	24242001	1
37	Connecting Cable	400205382	400205382	1



8. 10 Components and Parts List of Indoor Unit

No	Description -	Part Code		
		GWHN18B5NK1NB/I		
1	Wall-Mounting Frame	01252004	1	
2	Rear Case	22202329	1	
3	Fan Bearing	76512210	1	
4	Screw Cover	24252015	3	
5	Swing Louver	10512429	12	
6	Swing Link 1	10582057	1	
7	Swing Link 2	10582058	1	
8	Water Tray	20182057	1	
9	Guide Louver (up)	10512085	1	
10	Guide Louver (down)	10512086	1	
11	Cross Flow Fan	10352022	1	
12	Evaporator Assy	010022281	1	
13	Drainage Pipe	052324111	1	
14	Evaporator Support	24212067	1	
15	Filter	11122048	2	
16	Front Case	20002652	1	
17	Front Panel Case	20002842	1	
18	Front Panel	20002806	1	
19	Displaying Light Board			
20	Electric Box Cover 1	20112019	1	
21	Wire Clamp	71010103	1	
22	Terminal Board T4B3A	42011233	1	
23	Electric Box Cover	20112020	1	
24	Main PCB	30030307	1	
25	Transformer 57X25C	43110237	1	
26	Room Sensor 15k	390000451	1	
27	Tube Sensor 20k	390000595	1	
28	Sensor Insert	42020063	1	
29	Electric Box	20112018	1	
30	Lower Shield of Electric Box	01592037	1	
31	Upper Shield of Electric Box	01592038	1	
32	Stepping Motor MP24GA	15212102	1	
33	Motor Clamp	26112095	1	
34	Helicoid tongue	26252009	1	
35	Motor FN20C-PG	15012077	1	
36	Pipe Clamp	24242001	1	
37	Connecting Cable	400205382	1	
38	Remote Controller	30511009	1	


8. 12 Components and Parts List of Indoor Unit

	-	Part Code	
No	Description	GWHN18B5NK3QA/I	Qty
1	Wall-Mounting Frame	01252004	1
2	Rear Case	22202329	1
3	Fan Bearing	76512210	1
4	Screw Cover	24252015	3
5	Swing Louver	10512429	12
6	Swing Link 1	10582057	1
7	Swing Link 2	10582058	1
8	Water Tray	20182057	1
9	Guide Louver (up)	10512085	1
10	Guide Louver (down)	10512086	1
11	Cross Flow Fan	10352022	1
12	Evaporator Assy	010022283	1
13	Drainage Pipe	052324111	1
14	Evaporator Support	24212067	1
15	Filter	11122048	2
16	Front Case	20002652	1
17	Front Panel Case	20002733	1
18	Electric Box Cover 1	20112019	1
19	Wire Clamp	71010103	1
20	Terminal Board T4B3A	42011233	1
21	Electric Box Cover	20112020	1
22	Main PCB	30030307	1
23	Transformer 57X25C	43110237	1
24	Room Sensor 15k	390000451	1
25	Tube Sensor 20k	390000595	1
26	Sensor Insert	42020063	1
27	Electric Box	20112018	1
28	Lower Shield of Electric Box	01592037	1
29	Upper Shield of Electric Box	01592038	1
30	Stepping Motor MP24GA	15212102	1
31	Motor Clamp	26112095	1
32	Helicoid tongue	26252009	1
33	Motor FN20C-PG	15012077	1
34	Pipe Clamp	24242001	1
35	Connecting Cable	400204052	1
36	Remote Controller YB1A21	30511009	1



8.14 Components and Parts List of Indoor Unit

No Description GWHN18B5NK3HAI GWHN24B5NK3HAI GW 1 Wall-Mounting Frame 01252004 01252004 1 2 Rear Case 22203292 222023292 1 3 Fan Bearing 76512210 76512210 1 4 Screw Cover 242520152 242520152 3 5 Swing Link 1 10582057 10582057 1 7 Swing Link 2 10582058 10582057 1 8 Water Tray 201820572 201820572 1 9 Guide Louver (up) 105120852 105120852 1 10 Guide Louver (down) 105120852 105120852 1 11 Cross Flow Fan 1032022 10352022 1 12 Evaporator Assy 01002283 010022362 1 13 Drainage Pipe 052324111 052324111 1 14 Evaporator Support 244212067 244212067 1 15 Fi	Nia	Description	Part	Code	054	
1 Wall-Mouning Frame 01252004 01252004 1 2 Rear Case 222023292 222023292 1 3 Fan Bearing 76512210 76512210 1 4 Screw Cover 242520152 242520152 3 5 Swing Louver 105124297 105124297 12 6 Swing Link 1 10582058 1 12 7 Swing Link 2 10582057 201820572 1 9 Guide Louver (up) 105120852 105120852 1 10 Guide Louver (down) 105120852 105120852 1 11 Cross Flow Fan 1032022 1 1 12 Evaporator Assy 01002283 010022862 1 13 Drainage Pipe 052324111 052324111 1 14 Evaporator Support 24212067 1 1 15 Filter 11122048 21120467 1 16 Front Panel 7 2000280	NO	Description	GWHN18B5NK3HA/I	GWHN24B5NK3HA/I	Qty	
2 Rear Case 22203292 1 3 Fan Bearing 76512210 76512210 1 4 Screw Cover 242520152 242520152 3 5 Swing Lower 105124297 12 105124297 12 6 Swing Link 1 10582057 10582057 1 10582057 1 7 Swing Link 2 10582058 10582057 1 1 10582057 1 9 Guide Louver (up) 105120852 105120852 1 1 1052022 1 10 Guide Louver (down) 105120852 10532022 1	1	Wall-Mounting Frame	01252004	01252004	1	
3 Fan Bearing 76512210 76512210 1 4 Screw Cover 242520152 242520152 3 5 Swing Louver 105124297 105124297 12 6 Swing Link 1 10582057 10582057 1 7 Swing Link 2 10582058 10582058 1 9 Guide Louver (up) 105120852 1 105120852 1 10 Guide Louver (down) 105120852 105120852 1 11 Cross Flow Fan 10352022 10352022 1 12 Evaporator Assy 010022833 010022362 1 13 Drainage Pipe 052324111 053234111 1 14 Evaporator Support 24212067 24212067 1 15 Filter 11122048 11122048 2 16 Front Panel 7 200028031 1 1 17 Drainage Pipe 7030103 20028031 1 18 Front	2	Rear Case	222023292	222023292	1	
4 Screw Cover 242520152 242520152 3 5 Swing Louver 105124297 105124297 105124297 12 6 Swing Link 1 10582057 1 10582057 1 7 Swing Link 2 10582058 10582058 1 8 Water Tray 201820572 201820572 1 9 Guide Louver (up) 105120852 105120852 1 10 Guide Louver (down) 105120852 10352022 1 11 Cross Flow Fan 10352022 10352022 1 12 Evaporator Assy 010022833 010022362 1 13 Drainage Pipe 052324111 052324111 1 14 Evaporator Support 24212067 1 1 15 Filter 11122048 2 1 16 Front Case 200026526 200026526 1 17 Front Panel 7 200028031 1 1 19	3	Fan Bearing	76512210	76512210	1	
5 Swing Louver 105124297 105124297 12 6 Swing Link 1 10582057 10582057 1 7 Swing Link 2 10582058 10582057 1 8 Water Tray 201820572 201820572 1 9 Guide Louver (up) 105120852 105120852 1 10 Guide Louver (down) 105120852 105120852 1 11 Cross Flow Fan 10352022 10352022 1 12 Evaporator Assy 010022833 010022362 1 13 Drainage Pipe 052324111 052324111 1 14 Evaporator Support 24212067 24212067 1 15 Filter 11122048 11122048 2 1 16 Front Case 200026526 200026526 1 1 17 Front Panel 7 200028031 1 1 1 10 Displaying Light Board 22432250 22432250 1	4	Screw Cover	242520152	242520152	3	
6 Swing Link 1 10582057 10582057 1 7 Swing Link 2 10582058 10582058 1 8 Water Tray 201820572 201820572 1 9 Guide Louver (up) 105120852 105120852 1 10 Guide Louver (up) 105120862 1 1 12 Evaporator Assy 010022833 010022362 1 13 Drainage Pipe 052324111 052324111 1 14 Evaporator Assy 010022362 24212067 1 15 Filter 11122048 11122048 2 16 Front Case 200026526 200026526 1 17 Front Panel 7 200028031 1 1 19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 1 1 21 Wire Clamp 71010103 71 1 22 Terminal Board T4B3A <td< td=""><td>5</td><td>Swing Louver</td><td>105124297</td><td>105124297</td><td>12</td></td<>	5	Swing Louver	105124297	105124297	12	
7 Swing Link 2 10582058 10582058 1 8 Water Tray 201820572 201820572 1 9 Guide Louver (up) 105120852 105120852 1 10 Guide Louver (down) 105120852 105120862 1 11 Cross Flow Fan 10352022 10352022 1 12 Evaporator Assy 010022833 010022362 1 13 Drainage Pipe 052324111 052324111 1 14 Evaporator Support 24212067 24212067 1 15 Filter 11122048 1112048 2 16 Front Case 200026526 200028031 1 19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 1 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011203 1 23 Elec	6	Swing Link 1	10582057	10582057	1	
8 Water Tray 201820572 1 9 Guide Louver (up) 105120852 105120852 1 10 Guide Louver (down) 105120862 1 1 11 Cross Flow Fan 10352022 10352022 1 12 Evaporator Assy 01002283 010022362 1 13 Drainage Pipe 052324111 052324111 1 14 Evaporator Support 24212067 24212067 1 15 Filter 11122048 11122048 2 16 Front Case 200026526 200026526 1 17 Front Panel 7 200028041 200028041 1 18 Front Panel 11 200028041 200028041 1 19 Displaying Light Board 22432250 22432250 1 21 Vire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover	7	Swing Link 2	10582058	10582058	1	
9 Guide Louver (up) 105120852 105120852 1 10 Guide Louver (down) 105120862 105120862 1 11 Cross Flow Fan 10352022 1 1 12 Evaporator Assy 010022283 010022362 1 13 Drainage Pipe 052324111 0532324111 1 14 Evaporator Support 24212067 24212067 1 15 Filter 11122048 11122048 2 16 Front Case 200026526 200028031 1 17 Front Panel 7 200028031 1 1 18 Front Panel 7 200028041 200028031 1 10 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 20112019 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 El	8	Water Tray	201820572	201820572	1	
10 Guide Louver (down) 105120862 105120862 1 11 Cross Flow Fan 10352022 10352022 1 12 Evaporator Assy 010022283 010022362 1 13 Drainage Pipe 052324111 052324111 1 14 Evaporator Assy 01002283 010022362 1 14 Evaporator Assy 010022362 1 1 14 Evaporator Support 24212067 24212067 1 15 Filter 11122048 11122048 2 16 Front Case 200026526 200026526 1 17 Front Panel 7 200028031 1 1 18 Front Panel 7 200028041 200028041 1 10 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 1 1 21 Wire Clamp 71010103 1 1 22 Terminal Board T4B3A <td>9</td> <td>Guide Louver (up)</td> <td>105120852</td> <td>105120852</td> <td>1</td>	9	Guide Louver (up)	105120852	105120852	1	
11 Cross Flow Fan 10352022 10352022 1 12 Evaporator Assy 01002283 01002282 1 13 Drainage Pipe 052324111 052324111 1 14 Evaporator Support 24212067 24212067 1 15 Filter 11122048 11122048 2 16 Front Case 200026526 200026526 1 17 Front Panel 7 200028031 200028031 1 18 Front Panel 7 200028041 200028041 1 19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 1 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transforme	10	Guide Louver (down)	105120862	105120862	1	
12 Evaporator Assy 01002283 010022362 1 13 Drainage Pipe 052324111 052324111 1 14 Evaporator Support 24212067 24212067 1 15 Filter 11122048 11122048 2 16 Front Case 200026526 200026526 1 17 Front Panel 7 200028041 200028041 1 18 Front Panel 7 200028041 200028041 1 19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 20112019 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 1 1 26 Rosm	11	Cross Flow Fan	10352022	10352022	1	
13 Drainage Pipe 052324111 052324111 1 14 Evaporator Support 24212067 24212067 1 15 Filter 11122048 11122048 2 16 Front Case 200026526 200026526 1 17 Front Panel 7 200028031 200028031 1 18 Front Panel 11 200028041 200028041 1 19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 20112019 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000451 1 27	12	Evaporator Assy	010022283	010022362	1	
14 Evaporator Support 24212067 24212067 1 15 Filter 11122048 11122048 2 16 Front Case 200026526 200026526 1 17 Front Panel 7 200028031 200028031 1 18 Front Panel 11 200028041 200028041 1 19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 1 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000595 390000595 1 28 Sensor Insert 42020063 42020063 1 29 Elect	13	Drainage Pipe	052324111	052324111	1	
15 Filter 11122048 11122048 2 16 Front Case 200026526 200026526 1 17 Front Panel 7 200028031 200028031 1 18 Front Panel 11 200028041 200028041 1 19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 20112019 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000451 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 1 1 29 Electr	14	Evaporator Support	24212067	24212067	1	
16 Front Case 200026526 200026526 1 17 Front Panel 7 200028031 200028031 1 18 Front Panel 11 200028041 200028041 1 19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 20112019 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000595 1 28 Sensor 1set 42020063 42020063 1 29 Electric Box 01592037 01592037 1 30 Lower Shield of Electric Box 01592038 1 1 32	15	Filter	11122048	11122048	2	
17 Front Panel 7 200028031 200028031 1 18 Front Panel 11 200028041 200028041 1 19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 20112019 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000451 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Issert 42020063 42020063 1 29 Electric Box 01592037 1 1 30 Lower Shield of Electric Box 01592038 01592038 1 31 </td <td>16</td> <td>Front Case</td> <td>200026526</td> <td>200026526</td> <td>1</td>	16	Front Case	200026526	200026526	1	
18 Front Panel 11 200028041 200028041 1 19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 20112019 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000451 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 1 1 30 Lower Shield of Electric Box 01592037 01592037 1 31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 15212102 1	17	Front Panel 7	200028031	200028031	1	
19 Displaying Light Board 22432250 22432250 1 20 Electric Box Cover 1 20112019 20112019 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000451 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 42020063 1 29 Electric Box 01592037 01592037 1 30 Lower Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 1 1 33 Motor Clamp 262520092 262520092 1 3	18	Front Panel 11	200028041	200028041	1	
20 Electric Box Cover 1 20112019 20112019 1 21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000595 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 1 1 29 Electric Box 01592037 01592037 1 30 Lower Shield of Electric Box 01592038 01592037 1 31 Upper Shield of Electric Box 01592038 01592037 1 32 Stepping Motor MP28EA 15212102 15212102 1 33 Motor Clamp 262520092 262520092 1	19	Displaying Light Board	22432250	22432250	1	
21 Wire Clamp 71010103 71010103 1 22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000451 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 42020063 1 29 Electric Box 01592037 01592037 1 30 Lower Shield of Electric Box 01592038 1 1 31 Upper Shield of Electric Box 01592038 1 1 32 Stepping Motor MP28EA 15212102 1 1 33 Motor Clamp 262520092 262520092 1 34 Helicoid tongue 262520092 262520092 1 35	20	Electric Box Cover 1	20112019	20112019	1	
22 Terminal Board T4B3A 42011233 42011233 1 23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000451 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 42020063 1 29 Electric Box 20112018 20112018 1 30 Lower Shield of Electric Box 01592037 01592037 1 31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 15212102 1 33 Motor Clamp 262520092 262520092 1 34 Helicoid tongue 262520092 1 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 <td< td=""><td>21</td><td>Wire Clamp</td><td>71010103</td><td>71010103</td><td>1</td></td<>	21	Wire Clamp	71010103	71010103	1	
23 Electric Box Cover 20112020 20112020 1 24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000451 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 42020063 1 29 Electric Box 20112018 1 1 30 Lower Shield of Electric Box 01592037 01592037 1 31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 15212102 1 33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 <td>22</td> <td>Terminal Board T4B3A</td> <td>42011233</td> <td>42011233</td> <td>1</td>	22	Terminal Board T4B3A	42011233	42011233	1	
24 Main PCB 30037620 30037618 1 25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000451 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 42020063 1 29 Electric Box 20112018 20112018 1 30 Lower Shield of Electric Box 01592037 01592037 1 31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 1 1 33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	23	Electric Box Cover	20112020	20112020	1	
25 Transformer 57X25C 43110237 43110237 1 26 Room Sensor 15k 390000451 390000451 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 42020063 1 29 Electric Box 20112018 20112018 1 30 Lower Shield of Electric Box 01592037 01592037 1 31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 1 1 33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	24	Main PCB	30037620	30037618	1	
26 Room Sensor 15k 390000451 390000451 1 27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 42020063 1 29 Electric Box 20112018 20112018 1 30 Lower Shield of Electric Box 01592037 01592037 1 31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 1 1 33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	25	Transformer 57X25C	43110237	43110237	1	
27 Tube Sensor 20k 390000595 390000595 1 28 Sensor Insert 42020063 42020063 1 29 Electric Box 20112018 20112018 1 30 Lower Shield of Electric Box 01592037 01592037 1 31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 1 1 33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	26	Room Sensor 15k	390000451	390000451	1	
28 Sensor Insert 42020063 42020063 1 29 Electric Box 20112018 20112018 1 30 Lower Shield of Electric Box 01592037 01592037 1 31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 1 1 33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	27	Tube Sensor 20k	390000595	390000595	1	
29 Electric Box 20112018 20112018 1 30 Lower Shield of Electric Box 01592037 01592037 1 31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 15212102 1 33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	28	Sensor Insert	42020063	42020063	1	
30 Lower Shield of Electric Box 01592037 01592037 1 31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 15212102 1 33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	29	Electric Box	20112018	20112018	1	
31 Upper Shield of Electric Box 01592038 01592038 1 32 Stepping Motor MP28EA 15212102 1 1 33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	30	Lower Shield of Electric Box	01592037	01592037	1	
32 Stepping Motor MP28EA 15212102 1 33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	31	Upper Shield of Electric Box	01592038	01592038	1	
33 Motor Clamp 26112095 26112095 1 34 Helicoid tongue 262520092 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	32	Stepping Motor MP28EA	15212102	15212102	1	
34 Helicoid tongue 262520092 1 35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1	33	Motor Clamp	26112095	26112095	1	
35 Motor FN20C-PG 15012077 15012077 1 36 Pipe Clamp 24242001 24242001 1 37 Connecting Cable 400204054 400204054 1 38 Pameta Controller V11P 20514000 20514000 1	34	Helicoid tongue	262520092	262520092	1	
36 Pipe Clamp 24242001 1 37 Connecting Cable 400204054 400204054 1 38 Remote Controller V11R 20514000 20514000 1	35	Motor FN20C-PG	15012077	15012077	1	
37 Connecting Cable 400204054 400204054 1 38 Remote Controller VIIR 20514000 20514000 1	36	Pipe Clamp	24242001	24242001	1	
29 Permete Controller VIIP 20544000 20544000 4	37	Connecting Cable	400204054	400204054	1	
30511008 30511008 10511008	38	Remote Controller YJ1B	30511008	30511008	1	

上述数据若有变更,恕不另行通知。



8. 16 Components and Parts List of Indoor Unit

		Part Code	Part Code	
No	Description	GWHN18B5NK1RA/I	GWHN24B5NK1RA/I	Qty
1	Wall-Mounting Frame	01252004	01252004	1
2	Rear Case	22202329	22202329	1
3	Fan Bearing	76512210	76512210	1
4	Screw Cover	24252015	24252015	3
5	Swing Louver	10512429	10512429	12
6	Swing Link 1	10582057	10582057	1
7	Swing Link 2	10582058	10582058	1
8	Water Tray	20182057	20182057	1
9	Guide Louver (up)	10512085	10512085	1
10	Guide Louver (down)	10512086	10512086	1
11	Cross Flow Fan	10352022	10352022	1
12	Evaporator Assy	010022281	010024901	1
13	Drainage Pipe	052324111	052324111	1
14	Evaporator Support	24212067	24212067	1
15	Filter	11122048	11122048	2
16	Front Case	20002652	20002652	1
17	Front Panel Case	20002590	20002590	1
18	Electric Box Cover 1	20112019	20112019	1
19	Wire Clamp	71010103	71010103	1
20	Terminal Board T4B3A	42011233	42011233	1
21	Electric Box Cover	20112020	20112020	1
22	Main PCB	30030307	30030309	1
23	Transformer 57X25C	43110237	43110237	1
24	Room Sensor 15k	390000451	390000451	1
25	Tube Sensor 20k	390000595	390000595	1
26	Sensor Insert	42020063	42020063	1
27	Electric Box	20112018	20112018	1
28	Lower Shield of Electric Box	01592037	01592037	1
29	Upper Shield of Electric Box	01592038	01592038	1
30	Stepping Motor MP28EA	15212102	15212102	1
31	Motor Clamp	26112095	26112095	1
32	Helicoid tongue	26252009	26252009	1
33	Motor FN20C-PG	15012077	15012077	1
34	Pipe Clamp	24242001	24242001	1
35	Connecting Cable	400205382	400205382	1
36	Remote Controller YB1A21	30511009	30511009	1

上述数据若有变更, 恕不另行通知。



8.16 Components and Parts List of Outdoor Unit

			-
No	Description	Part Code	Otv
110	Decemption	GWCN18B5NK1NC/O	Qty
1	Front Grill	22415001	1
2	Nut M6	70310131	1
3	Axial Flow Fan	10335260	1
4	Front Plate	01305015	1
5	Metal Base	01203478	1
6	Compressor SHY33MC4-S	00120218	1
7	Nut with Washer M6	70310015	3
8	Right Side Plate Assy	01305013	1
9	Valve Support	01715008	1
10	Gas Valve Assy	071302331	1
11	Liquid Valve Assy	071302201	1
12	Handle	26235254	1
13	Terminal Board	42011113	1
14	Electric Plate Assy	01405039	1
15	Capacitor 50uF/450V	33000001	1
16	Capacitor 2.5uF/450V	33010026	1
17	Terminal Board 2-8	42011103	1
18	Isolation Sheet Assy	01233038	1
19	Rear Grill	01473005	1
20	Top cover plate	01255002	1
21	Condenser Assy	01103774	1
22	Motor Support	01705003	1
23	Motor LW68B	15015057	1



8.18 Components and Parts List of Outdoor Unit

		Part	Code	
NO	Description	GWCN18B5NK1NA/O	GWCN18B5NK1RA/O	Qty
1	Front Grill	22413431	22413431	1
2	Nut M6	70310131	70310131	1
3	Axial Flow Fan	10333414	10333414	1
4	Front Plate	1533012	1533012	1
5	Metal Base	1205036	1205036	1
6	Compressor QX-34F050g	1001951	100195	1
7	Nut with Washer M6	70310012	70310012	1
8	Right Side Plate Assy	1302004	1302004	1
9	Valve Support	1713041	1713041	1
10	Gas Valve Assy	7100147	7100142	1
11	Liquid Valve Assy	7100120	7100125	1
12	Handle	26233433	26233433	1
13	Terminal Board	42011113	42011113	1
14	Electric Plate Assy	1403117	1403117	1
15	Capacitor 50uF/450V	33000001	33000001	1
16	Capacitor 3uF/450V	33010027	33010027	1
17	Terminal Board 2-8	/		1
18	Isolation Sheet Assy	1235001	1235001	1
19	Rear Grill	1473030	1473030	1
20	Top cover plate	1253443	1253443	1
21	Condenser Assy	1103577	1103577	1
22	Motor Support	17030521	17030521	1
23	Motor FW48E	15013047	15013047	1
23	Motor	15013066	15013066	1



8. 20 Components and Parts List of Outdoor Unit

No	Description	Part Code	Qtv
		GWHN24B5NK3NA/O	
1	Front Grill	22265251	1
2	Front Plate	01433031	1
3	Axial Flow Fan	10335257	1
4	Motor LW68B	15015057	1
5	Motor Support	01703027	1
6	Condenser Assy	01103781	1
7	Top Cover	01255262	1
8	Rear Grill	01473024	1
9	Electric Box Cover	01413047	1
10	Electric Plate	01403248	1
11	Capacitor CBB65 50uF/450V	3300001	1
12	Capacitor CBB61 4uF/450V	33010010	1
13	Terminal Board A	42011113	1
14	4-way Valve Case	030233191	1
15	Terminal Board 2-8	42011103	1
16	4-way Valve Coil	430004002	1
17	4-way Valve	430004032	1
18	Handle	26235253	1
19	Gas Valve Assy	07103030	1
20	Liquid Valve Assy	07103031	1
21	Rear Side Plate	01303115	1
22	Valve Support	01715001	1
23	Capillary Assy	03103277	1
24	Compressor ASH264SV- C8LU	00100525	1
25	Isolation Washer C	70410523	1
26	Clapboard	01233024	1
27	Metal Base	01205073	1
28	Front Side Plate	01303092	1



8. 22 Components and Parts List of Outdoor Unit

No	Description	Part Code	Otv
110		GWCN24B5NK1RA/O	Qty
1	Front Grill	22265251	1
2	Front Plate	1433031	1
3	Axial Flow Fan	10335257	1
4	Motor LW68B	15015057	1
5	Motor Support	1703027	1
6	Condenser Assy	1103677	1
7	Top Cover	1255262	1
8	Rear Grill	1473024	1
9	Electric Box Cover	1413047	1
10	Electric Plate	1403016	1
11	Capacitor CBB61 4uF/450V	33010010	1
12	Capacitor CBB65		
12	35uF/450V	33010743	1
13	Terminal Board A	42011113	1
14	Handle	26235253	1
15	Gas Valve Assy	7105252	1
16	Liquid Valve Assy	7103018	1
17	Rear Side Plate	1305002	1
18	Valve Support	1715001	1
19	Capillary Assy	3103171	1
20	Compressor C-R191H5C	100194	1
21	Isolation Washer C	70410523	1
22	Clapboard	1233024	1
23	Metal Base	1205115	1
24	Front Side Plate	1303019	1



8.26 室外机零部件明细

		Part	Code	
No	Description	GWCN18B5NK1NA/O	GWHN18B5NK1RA/O	Qty
1	Front Grill	22413431	22413431	1
2	Nut M6	70310132	70310131	1
3	Axial Flow Fan	10335001	10333414	1
4	Front Plate	01533012	01533012	1
5	Metal Base	012031442	01205036	1
6	4-way Valve	430004032	43000403	1
7	4-way Valve Coil	43000400	43000400	1
8	Compressor QX-34F050g	00103007	00100195	1
9	Nut with Washer M6	70310014	70310012	3
10	Right Side Plate Assy	01305019	01302004	1
11	Valve Support	01713041	01713041	1
12	Gas Valve Assy	07100006	07100147	1
13	Liquid Valve Assy	07100115	07100120	1
14	Handle	26233043	26233433	1
15	Terminal Board	42011113	42011113	1
16	Electric Plate Assy	01405015	01403117	1
17	Capacitor 50uF/450V	33000001	33000001	1
18	Capacitor 3uF/450V	33010027	33010027	1
19	Terminal Board 2-8	42011103	42011103	1
20	Isolation Sheet Assy	01235005	01235003	1
21	Rear Grill	01475003	01473030	1
22	Top cover plate	01253443	01253443	1
23	Condenser Assy	01103593	011036782	1
24	Motor Support	01705004	017030521	1
25	Motor FW48E		01705004	1
25	Motor	15013047	15013047	1

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8. 26 Components and Parts List of Outdoor Unit

No	Description	Part	Code	Qtv	
	Decemption	GWCN18B5NK3PA/O	GWCN18B5NK1NB/O	Qty	
1	Front Grill	22415001	22415001	1	
2	Nut M4	70310128	70310128	1	
3	Axial Flow Fan	10335257	10335257	1	
4	Front Plate	01305015	01305015	1	
5	Metal Base	01203477	01203477	1	
6	Compressor ASH218SV-C8LU	00103006	00103006	1	
7	Nut with Washer M8	70310015	70310015	3	
8	Right Side Plate Assy	01305013	01305013	1	
9	Valve Support	01715006	01715006	1	
10	Gas Valve Assy	071302336	071302336	1	
11	Liquid Valve Assy	07133002	07133002	1	
12	Handle	26235254	26235254	1	
13	Terminal Board	42011113	42011113	1	
14	Electric Plate Assy	01405039	01405039	1	
15	Capacitor 50uF/450V	3300001	3300001	1	
16	Capacitor 2.5uF/450V	33010026	33010026	1	
17	Terminal Board 2-8	-	-	-	
18	Isolation Sheet Assy	01233035	01233035	1	
19	Rear Grill	01473005	01473005	1	
20	Top cover plate	01255001	01255001	1	
21	Condenser Assy	01103807	01103807	1	
22	Motor Support	01705003	01705003	1	
23	Motor LW68B	15015057	15015057	1	

The above data are subject to change without notice.



8. 28 Components and Parts List of Outdoor Unit

No	Description	Part Code	Otv
	Description	GWHN18B5NK1NB/O	Qly
1	Front Grill	22415001	1
2	Nut M4	70310128	1
3	Axial Flow Fan	10335257	1
4	Front Plate	01305015	1
5	Metal Base	01203477	1
6	4-way Valve	43000403	1
7	4-way Valve Coil	430004002	1
8	Compressor SHY33MC4-S	00120218	1
9	Nut with Washer M8	70310015	3
10	Right Side Plate Assy	01305013	1
11	Valve Support	01713041	1
12	Gas Valve Assy	071302331	1
13	Liquid Valve Assy	0071302201	1
14	Handle	26235254	1
15	Terminal Board	42011113	1
16	Electric Plate Assy	01403117	1
17	Capacitor CBB65 60uF/450V	33000039	1
18	Capacitor 2.5uF/450V	33010026	1
19	Terminal Board 2-8	42011103	1
20	Isolation Sheet Assy	01233035	1
21	Rear Grill	01473005	1
22	Top cover plate	01255001	1
23	Condenser Assy	01103794	1
24	Motor Support	01705003	1
25	Motor LW68B	15015057	1
26	Clapboard	01233024	1
27	Metal Base	012050114	1
28	Front Side Plate	01303092	1



8.30 Components and Parts List of Outdoor Unit

Description	Part Code	Otv
Decemption	GWHN18B5NK3QA/O	α.,
Front Grill	22415001	1
Nut M6	70310082	6
Axial Flow Fan	10335257	1
Front Plate	01305015	1
Metal Base	01203477	1
4-way Valve	03023447	1
4-way Valve Coil	430004002	1
Compressor ASH218SV-	00103006	
C8LU		1
Nut with Washer M8	70310015	3
Right Side Plate Assy	01305013	1
Valve Support	01715008	1
Gas Valve Assy	`071302115	1
Liquid Valve Assy	`071302111	1
Handle	26235254	1
Terminal Board	42011113	1
Electric Plate Assy	01405039	1
Capacitor 2.5uF/450V	33010026	1
Capacitor 60uF/450V	33000039	1
Terminal Board 2-8	42011103	1
Isolation Sheet Assy	01233035	1
Rear Grill	01473005	1
Top cover plate	01255001	1
Condenser Assy	01103775	1
Motor Support	01705003	1
Motor LW68B	15015057	1
	DescriptionFront GrillNut M6Axial Flow FanFront PlateMetal Base4-way Valve4-way Valve CoilCompressor ASH218SV- C8LUNut with Washer M8Right Side Plate AssyValve SupportGas Valve AssyLiquid Valve AssyHandleTerminal BoardElectric Plate AssyCapacitor 2.5uF/450VCapacitor 60uF/450VTerminal Board 2-8Isolation Sheet AssyRear GrillTop cover plateCondenser AssyMotor SupportMotor LW68B	Part Code GWHN18B5NK3QA/O Front Grill 22415001 Nut M6 70310082 Axial Flow Fan 10335257 Front Plate 01305015 Metal Base 01203477 4-way Valve 03023447 4-way Valve Coil 430004002 Compressor ASH218SV- CBLU 00103006 Nut with Washer M8 70310015 Right Side Plate Assy 01715008 Gas Valve Assy 071302115 Liquid Valve Assy 071302115 Liquid Valve Assy 071302115 Electric Plate Assy 071302115 Electric Plate Assy 01405039 Capacitor 2.5uF/450V 33010026 Capacitor 60uF/450V 33000039 Terminal Board 2-8 42011103 Isolation Sheet Assy 01233035 Rear Grill 01473005 Top cover plate 01255001 Condenser Assy 01103775 Motor LW68B 15015057



8. 32 Components and Parts List of Outdoor Unit

No	Description	Part Code	0.57
INO	Description	GWHN18B5NK3HA/O	Qty
1	Front Grill	22413431	1
2	Nut M6	70310132	1
3	Axial Flow Fan	10335001	1
4	Front Plate	01533012	1
5	Metal Base	012031442	1
6	4-way Valve	430004032	1
7	4-way Valve Coil	43000400	1
8	Compressor ASH210SV- C8LU	00103007	1
9	Nut with Washer M8	70310014	3
10	Right Side Plate Assy	01305019	1
11	Valve Support	01713041	1
12	Gas Valve Assy	07100006	1
13	Liquid Valve Assy	07100115	1
14	Handle	26233431	1
15	Terminal Board	42011113	1
16	Electric Plate Assy	01405015	1
17	Capacitor 50uF/450V	33000001	1
18	Capacitor 3uF/450V	33010027	1
19	Terminal Board 2-8	42011103	1
20	Isolation Sheet Assy	01235005	1
21	Rear Grill	01475003	1
22	Top cover plate	01253443	1
23	Condenser Assy	01103593	1
24	Motor Support	01705005	1
25	Motor FW48E	15013047	1



8. 34 Components and Parts List of Outdoor Unit

			T
No	Description	Part Code	Qty
		GWHN24B5NK3HA/O	
1	Front Grill	01473001	1
2	Front Plate	01433011	1
3	Axial Flow Fan	10335253	1
4	Motor FW60L	15013063	1
5	Motor Support	01705253	1
6	Condenser Assy	01103800	1
7	Top Cover	01255262	1
8	Rear Grill	01475252	1
9	Electric Box Cover	01415255	1
10	Electric Plate	01405103	1
11	Capacitor CBB65 60uF/450V	33000039	1
12	Capacitor CBB61 3uF/450V	33010027	1
13	Terminal Board A	42011113	1
14	4-way Valve Case	03023465	1
15	Terminal Board 2-8	42011103	1
16	4-way Valve Coil	43000400	1
17	4-way Valve	430004032	1
18	Handle	26235253	1
19	Gas Valve Assy	07103030	1
20	Liquid Valve Assy	07103031	1
20	Liquid Valve Assy	07133132	1
21	Rear Side Plate	01305260	1
22	Valve Support	01715001	1
23	Capillary Assy	03103236	1
24	Compressor ATH280CV- C9LU	00103009	1
25	Isolation Washer C	70410523	1
26	Clapboard	01235253	1
27	Metal Base	012050732	1
28	Front Side Plate	01305247	1

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8. 38 Components and Parts List of Outdoor Unit

No	Description	Part Code	Otv
		GWHN24B5NK1RA/O	Qty
1	Front Grill	22265251	1
2	Front Plate	01433031	1
3	Axial Flow Fan	10335257	1
4	Motor LW68B	15015057	1
5	Motor Support	01703027	1
6	Condenser Assy	01103676	1
7	Top Cover	01255262	1
8	Rear Grill	01473024	1
9	Electric Box Cover	01413047	1
10	Electric Plate	01403248	1
11	Capacitor CBB61 4uF/450V	33010010	1
12	Capacitor CBB65 35uF/450V	33010743	1
13	Terminal Board A	42011113	1
14	4-way Valve Case	03025100	1
15	Terminal Board 2-8	42011103	1
16	4-way Valve Coil	430004002	1
17	4-way Valve	43000403	1
18	Handle	26235253	1
19	Gas Valve Assy	07105252	1
20	Liquid Valve Assy	07103018	1
20	Liquid Valve Assy	071331321	1
21	Rear Side Plate	01305002	1
22	Valve Support	01715001	1
23	Capillary Assy	03003912	1
24	Compressor C-R191H5C	00100194	1
25	Isolation Washer C	70410523	1
26	Clapboard	01233024	1
27	Metal Base	012051152	1
28	Front Side Plate	1303019	1

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