



Technical Sales Guide

U-MATCH 5 SERIES AIR CONDITIONERS

(GC202104-VII)

TECHNICAL SALES GUIDE 50/60Hz

CAPACITY RANGE: 3.5-16kW

HIGH AMBIENT OPERATION TO 48°C

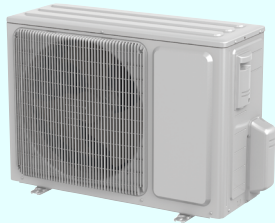
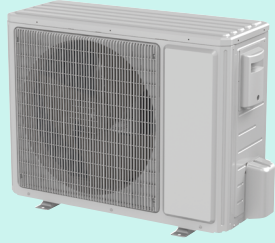
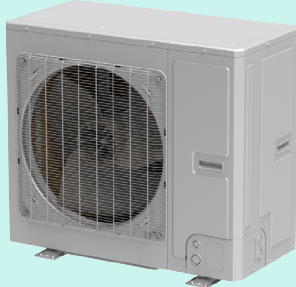


CONTENTS

1.PRODUCT LIST	1
2.NOMENCLATURE.....	7
3.PRODUCT FEATURES	8
4.PRODUCT PARAMETERS	14
5.PRODUCT OPERATION RANGE	32
6.CAPACITY CORRECTION.....	32
7.AIR VOLUME STATIC PRESSURE CURVE.....	81
8.AIRFLOW CHART.....	91
9.NOISE CURVE.....	117
10.DIMENSIONS AND INSTALLATION SITE	192
11.ELECTRICAL INSTALLATION	205
12.LIST OF STANDARD AND OPTIONAL PARTS	218

1 PRODUCT LIST

➔ 1.1 Outdoor Unit

Model	Power supply (V,Ph,Hz)	Product code	Appearance
GUD35W/NhA-T	220-240V ~50Hz 208-230V ~60Hz	CF090W1310	
GUD50W/NhA-T		CF090W1210	
GUD71W/NhA-T		CF090W1220	
GUD85W/NhA-T		CF090W1230	
GUD100W/NhA-T		CF090W1240	
GUD125W/NhA-T		CF090W1260	
GUD140W/NhA-T		CF090W1280	


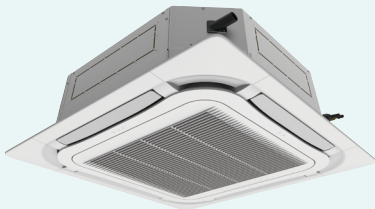
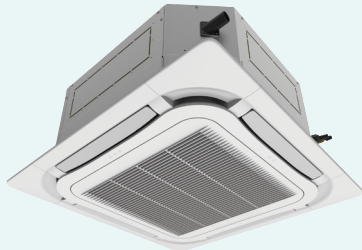
Model	Power supply	Product code	Appearance
	(V,Ph,HZ)		
GUD100W/NhA-X	380-415V 3N~50Hz/60Hz	CF090W1250	
GUD125W/NhA-X		CF090W1270	
GUD140W/NhA-X		CF090W1290	
GUD160W/NhA-X	380-415V 3N~50Hz/60Hz	CF090W1300	

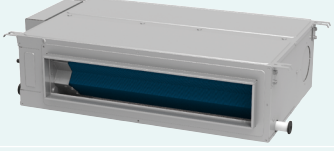
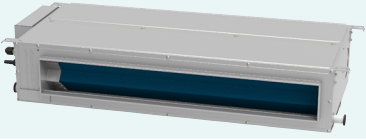
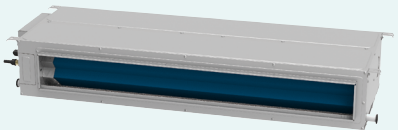
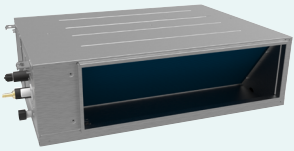
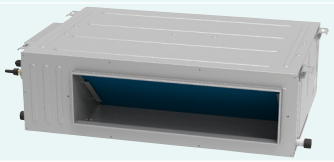
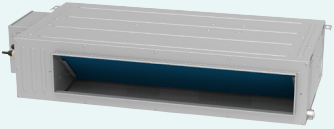
Note: 1 Ton =12000Btu/h = 3.517kW

If one outdoor unit is to be connected with multiple indoor units, the indoor units must have the same cooling capacity and be of the same type.

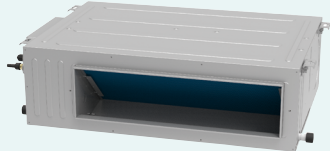
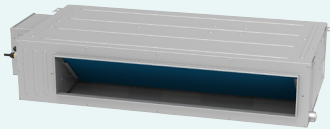
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➔ 1.2 Indoor Unit

	Model	Rated Cooling/ Heating Capacity (kW)	Power supply	Product code	Appearance
			(V,Ph,Hz)		
Cassette Type	GUD35T/A-T	3.5/4.0	220-240V ~50Hz 208-230V ~60Hz	ET010N1640	
	GUD50T/A-T	5.0/5.5		ET010N1540	
	GUD71T/A-T	7.0/8.0		ET010N1420	
	GUD85T/A-T	8.5/8.8		ET010N1430	
	GUD100T/A-T	10.0/12.0		ET010N1440	
	GUD125T/A-T	12.1/13.5		ET010N1450	
	GUD140T/A-T	13.4/15.5		ET010N1460	
	GUD160T/A-T	14.5/17.0		ET010N1470	

Model	Rated Cooling/ Heating Capacity (kW)	Power supply	Product code	Appearance
		(V,Ph,Hz)		
GUD35P/A-T	3.5/4.0	220-240V ~50Hz 208-230V ~60Hz	CF022N1650	
GUD50P/A-T	5.0/5.5		CF022N1630	
GUD71P/A-T	7.0/8.0		CF022N1670	
GUD85P/A-T	8.5/8.8		CF022N1610	
GUD71PH/A-T	7.0/8.0		CF022N2890	
GUD85PH/A-T	8.5/8.8		CF022N2920	
GUD100PH/A-T	10.0/12.0		CF022N1590	
GUD125PH/A-T	12.1/13.5		CF022N1570	
GUD140PH/A-T	13.4/15.5		CF022N1550	
GUD160PH/A-T	16.0/17.0		CF022N1530	

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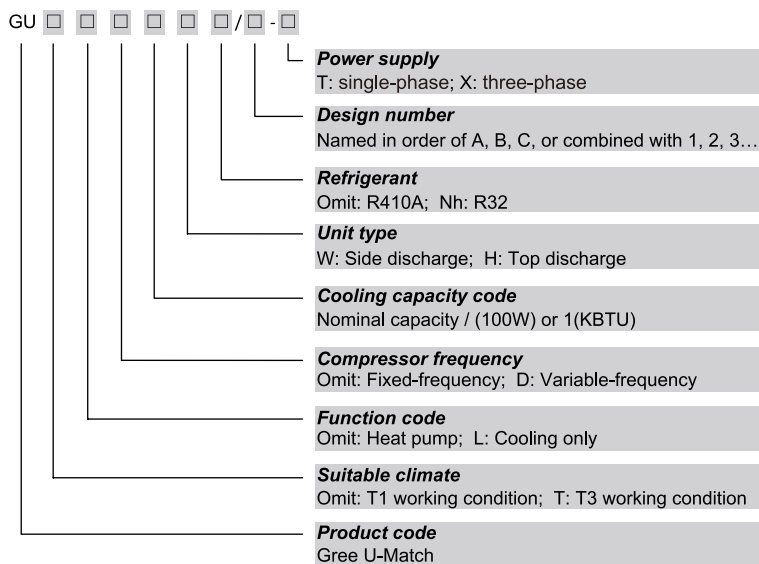
Model	Rated Cooling/ Heating Capacity (kW)	Power supply	Product code	Appearance	
		(V,Ph,Hz)			
Duct Type (with drain pump)	GUD35PS/A-T	3.5/4.0	220-240V ~50Hz 208-230V ~60Hz	CF022N1640	
	GUD50PS/A-T	5.0/5.5		CF022N1620	
	GUD71PS/A-T	7.0/8.0		CF022N1660	
	GUD85PS/A-T	8.5/8.8		CF022N1600	
	GUD71PHS/A-T	7.0/8.0		CF022N2900	
	GUD85PHS/A-T	8.5/8.8		CF022N2910	
	GUD100PHS/A-T	10.0/12.0		CF022N1580	
	GUD125PHS/A-T	12.1/13.5		CF022N1560	
	GUD140PHS/A-T	13.4/15.5		CF022N1540	
	GUD160PHS/A-T	16.0/17.0		CF022N1520	

	Model	Rated Cooling/ Heating Capacity (kW)	Power supply	Product code	Appearance
			(V,Ph,Hz)		
Floor Ceiling Type	GUD35ZD/A-T	3.5/4.0	220-240V ~50Hz 208-230V ~60Hz	ED020N1720	
	GUD50ZD/A-T	5.0/5.5		ED020N1730	
	GUD71ZD/A-T	7.0/8.0		ED020N1740	
	GUD85ZD/A-T	8.5/8.8		ED020N1750	
	GUD100ZD/A-T	10.0/12.0	ED020N1680		
	GUD125ZD/A-T	12.1/13.5	ED020N1690		
	GUD140ZD/A-T	13.4/15.5	220-240V ~50Hz 208-230V ~60Hz	ED020N1700	
	GUD160ZD/A-T	16.0/17.0		ED020N1710	
Wall Mounted Type	GUD71G/A-T	7.0/8.0	220-240V~50Hz 208-230V~60Hz	EB010N0010	
	GUD71G/A1-T	7.0/8.0		EB010N0030	
	GUD100G/A-T	10.0/12.0		EB010N0020	
	GUD100G/A1-T	10.0/12.0		EB010N0040	

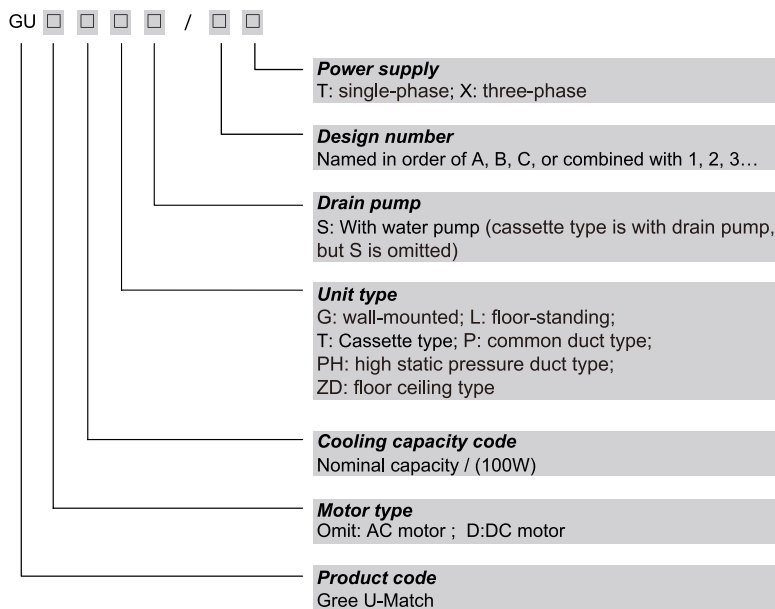
Note: The outdoor unit is connectable to cassette type, duct type, floor ceiling type and wall mounted type indoor unit, it means no need to replace the outdoor unit when change the indoor unit between these four types of indoor unit.

2 NOMENCLATURE

2.1 Nomenclature of Outdoor Unit



2.2 Nomenclature of Indoor Unit



3 PRODUCT FEATURES

Gree R32 High-efficiency U-Match Series can be widely applied in small-sized super markets, chain stores, hotels, restaurants, office rooms, meeting rooms, etc, especially suitable to small-sized commercial and industrial use. Indoor units adopt cassette type, duct type, floor ceiling type and wall mounted type design for flexible installation. Even when the outdoor temperature is lowered to -20°C, it can still deliver cooling performance. It is also a necessary equipment for winter.

- ◆ High Efficiency and Energy Saving
 - 1W standby
 - Energy saving
 - DC motor
 - 8°C heating (Holiday mode)
- ◆ Reliability
 - Self-diagnosis
 - Filter cleaning reminder
 - Low temperature cooling
 - Intelligent defrosting
- ◆ Versatility
 - Multiple selections of Fan Speed
 - Multiple modes of static pressure
 - Wide voltage range
- ◆ Convenience
 - Memory function
 - Filter cleaning reminder
- ◆ Comfortable and Healthy
 - 360° air discharge
 - Sleep mode
 - Quiet mode
 - Fresh air
 - I feel, Turbo
 - Vertical airflow
 - Horizontal airflow (limited to floor ceiling unit)
 - Fast cooling, fast heating
 - Switch between °F and °C
- ◆ Easy Control
 - WIFI
 - Double wired controllers
 - Access control
 - Centralized control
 - Timer On/Off
 - Remote control
 - Weekly timer
 - BMS gateway
 - Programmable remote control
 - Remote control of dry contact gateways
 - Child lock

3.1 Eco-Friendly Refrigerant R32

- 68% lower GWP than that of R410A.
- 30% lower refrigerant charge compared to R410A.

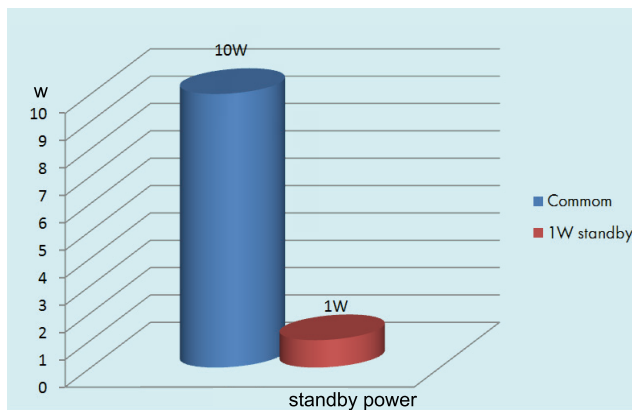
3.2 User-Friendly Design

1. User can set room temperature in auto mode.
2. In winter, if you are not at home, the unit can maintain room temperature at 8°C, to care for your pets and plants.
3. Power-off memory function: in case of power failure, unit can memorize the operating condition and restart with the previous operating condition when power is resumed.
4. Ambient temperature check: user can check indoor ambient temperature, outdoor ambient temperature and the set temperature through wired controller or remote controller.

➔ 3.3 Energy Saving

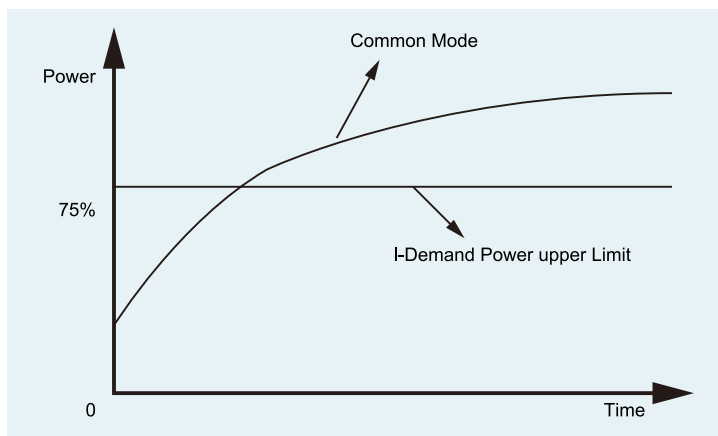
3.3.1 High Energy Efficiency

Power consumption in standby status is only 1W.



3.3.2 I-Demand

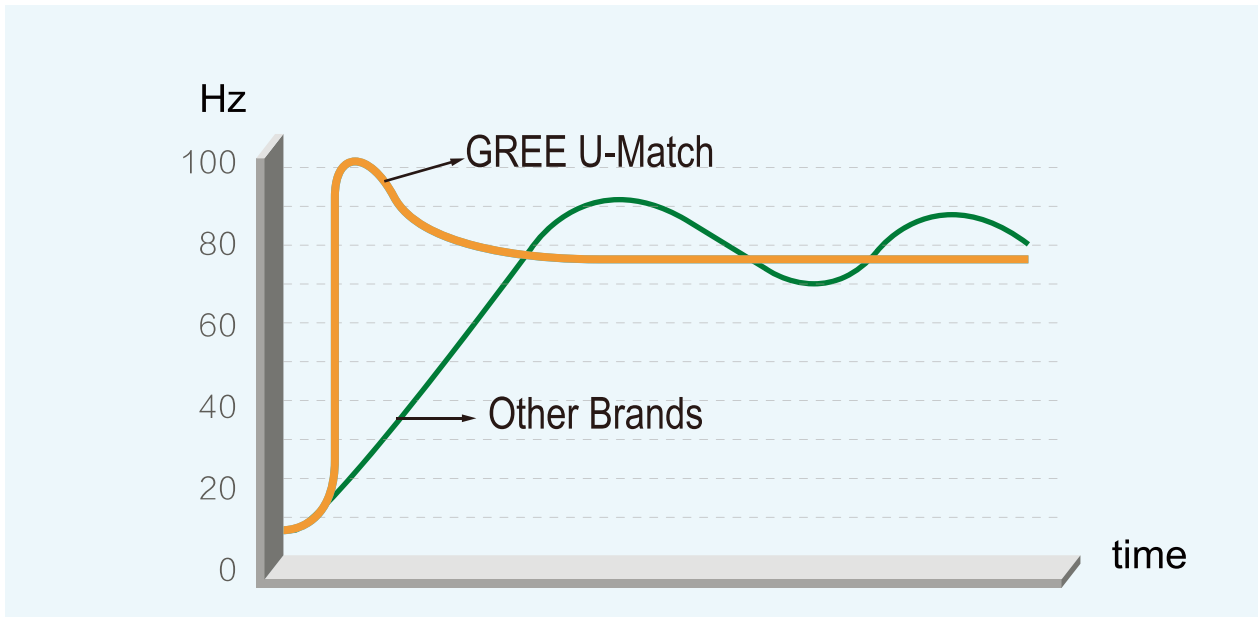
I-Demand function, with 25% power saving.



➔ 3.4 Highly Comfortable

3.4.1 Fast Cooling/Heating

When the difference between room temperature and the set temperature is large, the unit will enter fast cooling or fast heating mode upon startup, and then quickly reach the user's set temperature.



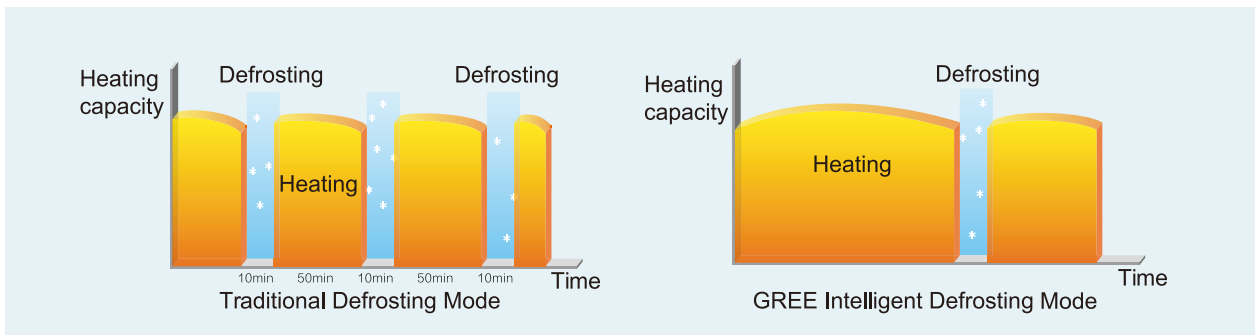
3.4.2 Quiet Design

Both indoor and outdoor units can run quietly, with no noise disturbance to neighbours while providing you with a quiet and comfortable environment.



3.4.3 Intelligent Defrosting

Gree Intelligent Defrosting Technology enables the unit to correctly judge the frost of its outdoor condenser using a temperature sensor. “Defrost what is frosted.” Only defrost when it is necessary. This helps to enhance the heating effect and provide better experience.

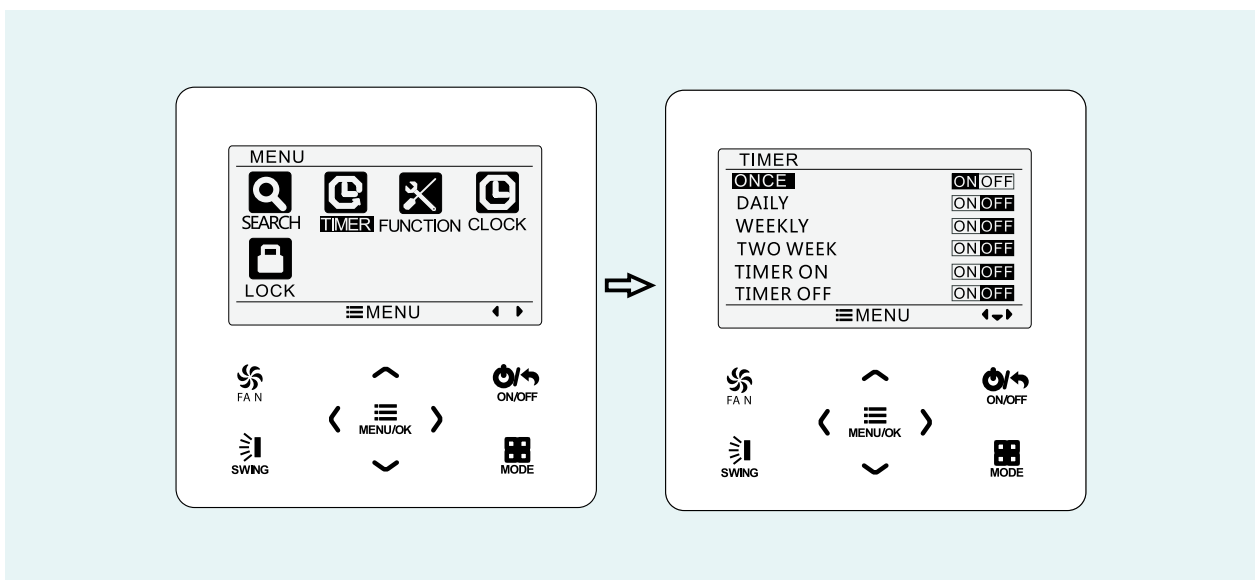


➔ 3.5 Smart Convenient Control

Smartphone APP Control Available.

3.5.1 Timer Setting

The wired controller XE71-42/G(optional) can set 6 kinds of timer: one time clock timer, everyday timer, one week timer, two week timer, countdown timer on and countdown timer off. Select timer symbol after entering menu page. Press MENU button to enter timer setting page. More details please refer to the wired controller XE71-42/G manual.

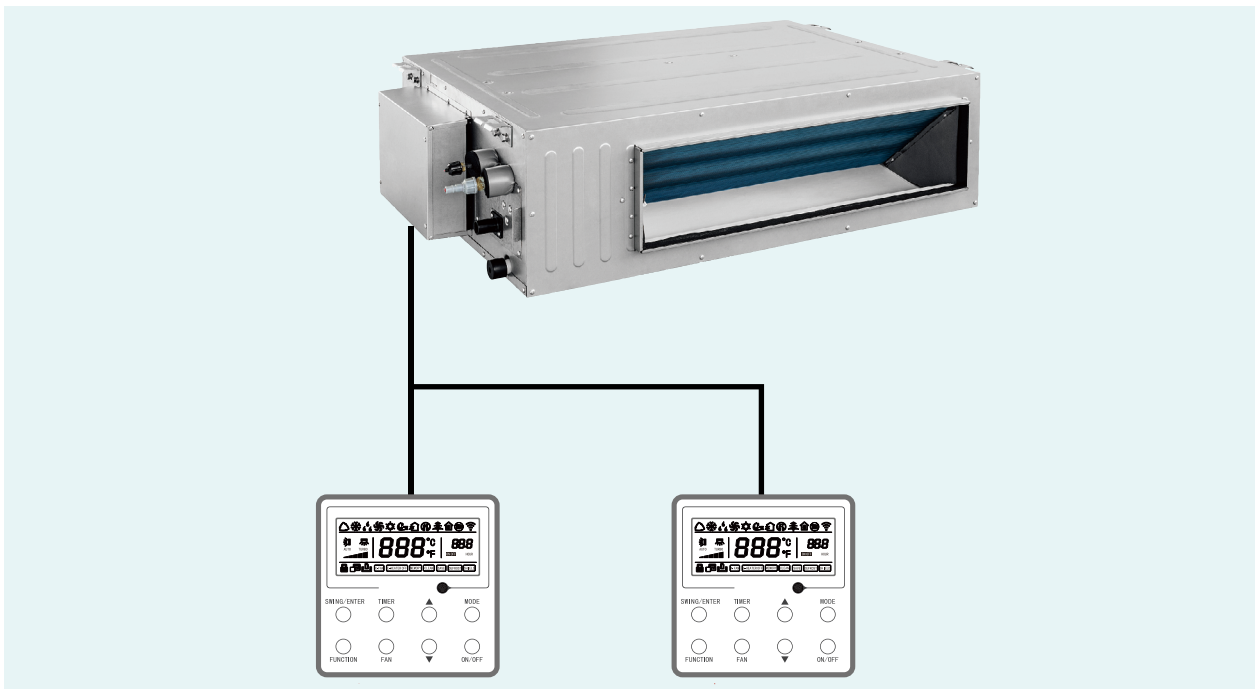


3.5.2 Smart APP Control(WiFi Module needed-Optional)



3.5.3 Double Wired Controllers (Optional XK117)

Double wired controllers can be set. They have the same functions and can be installed at the door and bedside, to provide convenient AC control. This function is available in each product of this series. Take duct type unit as an example:



3.5.4 Centralized Control(Optional)

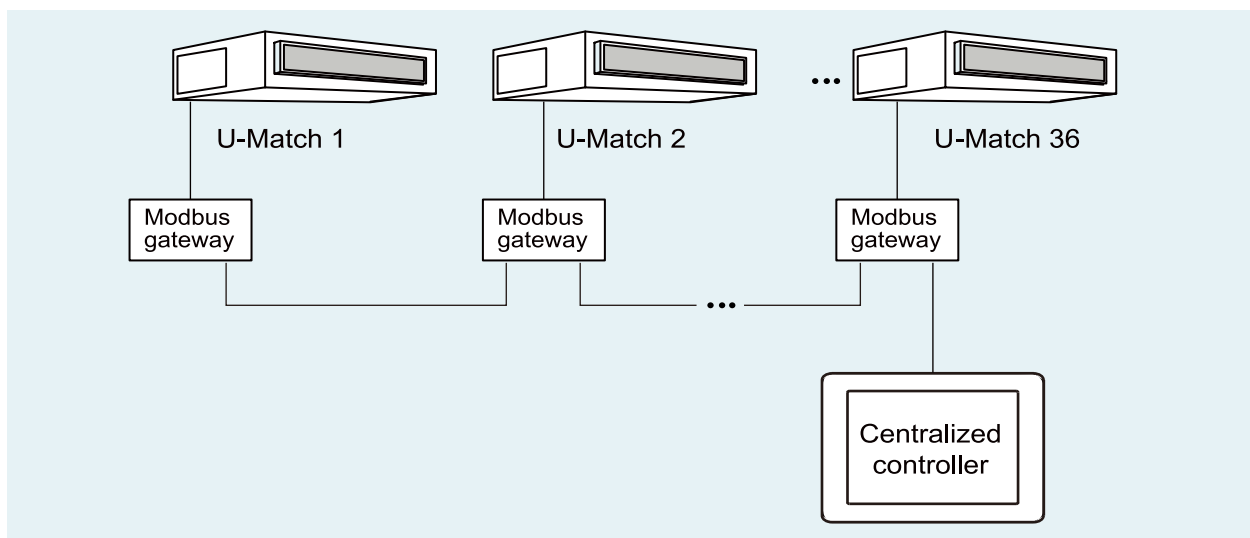
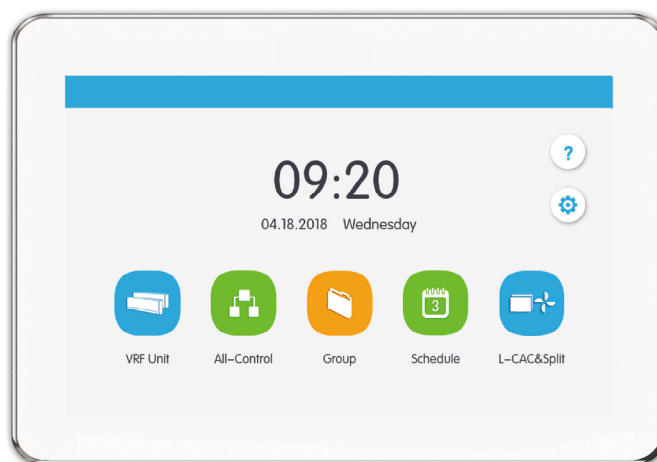
Model: CE52-24/F(C)

Dimension(H×W×D): 128.2mm ×185.2mm×54mm

Centralized control for up to 36 indoor units.

Basic control includes On/Off, mode, Fan Speed, temperature, etc.

Modbus gateway required.



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—	IDU		GUD35T/A-T	GUD50T/A-T	GUD71T/A-T	GUD85T/A-T
	ODU		GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	GUD85W/NhA-T
Fan Motor	Type	—	Centrifugal Fan			
	Drive	—	Direct	Direct	Direct	Direct
	Motor Output	W	30	35	35	35
	Air Flow Volume	m ³ /h	650	700	1100	1400
Filter		—	PP		PP-MD10	
Connection Pipe	Liquid Pipe	in.	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	1/2	5/8	5/8
	Water Pipe	mm	Φ25×1.50	Φ25×1.50	Φ25×1.50	Φ25×1.50
Dimensions (H×W×D)	Outline	mm	265×570×570	265×570×570	240×840×840	240×840×840
	Package	mm	295×653×698	295×653×698	325×963×963	325×963×963
Weight	Net Weight	kg	17	17	29	29
	Gross Weight	kg	22	22	36	36
ODU			GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	GUD85W/NhA-T
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Power Supply			220-240V ~50Hz;208-230V ~60Hz			
Compressor	Model		QXF-A102zE170B	QXF-B141zF030F	QXFS-D25zX090H	QXFS-D25zX090H
	Type		Inverter Rotary	Inverter Rotary	Inverter Rotary	Inverter Rotary
	Output	W	1023	1410	2420	2420
Fan Motor	Type	—	Axial-Flow			
	Air Flow Volume	m ³ /h	3000	3000	3600	4000
	Output Power	W	—	—	—	—
Refrigerant	Type		R32			
	Weight	kg	0.78	1.00	1.60	1.80
	Throttling Method		Electronic Expansion Valve			
Connection Pipe	Liquid Pipe	in.	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	1/2	5/8	5/8
Refrigerant Pipe	Standard Length	m	5	5	5	5
	Max. Length	m	30	35	50	50
	Max. Height	m	15	20	25	25
Dimensions (H×W×D)	Outline	mm	596×818×302	596×818×302	698×892×340	790×920×370
	Package	mm	645×948×420	645×948×420	750×1029×458	855×1083×488
Weight	Net Weight	kg	37	39	53	60
	Gross Weight	kg	40	42	57	65

—	IDU		GUD100T/A-T	GUD125T/A-T	GUD140T/A-T
	ODU		GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T
Rated Capacity	Cooling	kW	10.00	12.10	13.40
	Heating	kW	12.00	13.50	15.50
Input Power	Cooling	kW	3.15	4.10	4.65
	Heating	kW	3.55	4.20	4.35
Sound Pressure Level	Cooling	dB(A)	50	51	52
SEER		—	6.10	6.10	6.10
SCOP		—	4.00	3.80	3.60
Energy Class (Cooling /Heating)		—	A++/A+	A++/A	A+/A
IDU			GUD100T/A-T	GUD125T/A-T	GUD140T/A-T
Power Supply			220-240V ~50Hz;208-230V ~60Hz		
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin		
Front Panel	Dimensions	mm	950×950	950×950	950×950
	Weight	kg	6	6	6
Fan Motor	Type	—	Centrifugal Fan		
	Drive	—	Direct	Direct	Direct
	Motor Output	W	35	150	150
	Air Flow Volume	m ³ /h	1500	1800	1900
Filter		—	PP-MD10		
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8
	Water Pipe	mm	Φ25×1.50	Φ25×1.50	Φ25×1.50
Dimensions (H×W×D)	Outline	mm	240×840×840	290×840×840	290×840×840
	Package	mm	325×963×963	379×963×963	379×963×963
Weight	Net Weight	kg	31	33	36
	Gross Weight	kg	38	41	44
ODU			GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin		
Power Supply			220-240V ~50Hz;208-230V ~60Hz		
Compressor	Model		QXFS-D32zX090D	QXFS-F428zX450E	QXFS-F428zX450E
	Type		Inverter Rotary	Inverter Rotary	Inverter Rotary
	Output	W	3750	4300	4300
Fan Motor	Type	—	Axial Fan		
	Air Flow Volume	m ³ /h	5900	5900	5900
	Output Power	W	150	—	—
Refrigerant	Type		R32		
	Weight	kg	2.50	2.65	2.80
	Throttling Method		Electronic Expansion Valve		
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8

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—	IDU		GUD100T/A-T	GUD125T/A-T	GUD140T/A-T
	ODU		GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T
Refrigerant Pipe	Standard Length	m	5.00	5.00	7.50
	Max. Length	m	65	75	75
	Max. Height	m	30	30	30
Dimensions (H×W×D)	Outline	mm	820×940×460	820×940×460	820×940×460
	Package	mm	973×1083×573	973×1083×573	973×1083×573
Weight	Net Weight	kg	83	91	95
	Gross Weight	kg	95	103	107
Safety Device			<ul style="list-style-type: none"> • High pressure switch • Low pressure switch • Outdoor fan driver overload protector • Thermal protector for indoor Fan Motor • Inverter overload protector • Fusible plugs • Fuse 		

—	IDU		GUD100T/A-T	GUD125T/A-T	GUD140T/A-T	GUD160T/A-T
	ODU		GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Rated Capacity	Cooling	kW	10.00	12.10	13.40	14.50
	Heating	kW	12.00	13.50	15.50	17.00
Input Power	Cooling	kW	3.00	4.05	4.70	5.20
	Heating	kW	3.40	4.15	4.45	4.80
Sound Pressure Level	Cooling	dB(A)	50	51	52	54
SEER		—	6.10	6.10	6.10	6.10
SCOP		—	4.00	3.80	4.00	3.80
Energy Class (Cooling /Heating)		—	A++/A+	A++/A	A++/A+	A++/A
IDU			GUD100T/A-T	GUD125T/A-T	GUD140T/A-T	GUD160T/A-T
Power Supply			220-240V ~50Hz;208-230V ~60Hz			
Heat Exchanger			Inner Groove Copper Tube-Aluminum Fin			
Front Panel	Dimensions	mm	950×950	950×950	950×950	950×950
	Weight	kg	6	6	6	6
Fan Motor	Type	—	Centrifugal Fan			
	Drive	—	Direct	Direct	Direct	Direct
	Motor Output	W	35	150	150	150
	Air Flow Volume	m³/h	1500	1800	1900	2000
Filter			PP-MD10			
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8	5/8
	Water Pipe	mm	Φ25×1.50	Φ25×1.50	Φ25×1.50	Φ25×1.50
Dimensions (H×W×D)	Outline	mm	240×840×840	290×840×840	290×840×840	290×840×840
	Package	mm	325×963×963	379×963×963	379×963×963	379×963×963

—	IDU		GUD100T/A-T	GUD125T/A-T	GUD140T/A-T	GUD160T/A-T
	ODU		GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Weight	Net Weight	kg	31	33	36	36
	Gross Weight	kg	38	41	44	44
ODU			GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Power Supply			380-415V 3N~50Hz/60Hz			
Compressor	Model		QXFS-D32zX090C	QXFS-F428zX450I	QXFS-F428zX450I	QXFS-F428zX450I
	Type		Rotary	Rotary	Rotary	Rotary
	Output	W	3750	4300	4300	4060
Fan Motor	Type	—	Axial Fan			
	Air Flow Volume	m ³ /h	5900	5900	5900	5600
	Output Power	W	—	—	—	—
Refrigerant	Type		R32			
	Weight	kg	2.50	2.65	2.80	3.60
	Throttling Method		Electronic Expansion Valve			
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8	5/8
Refrigerant Pipe	Standard Length	m	5.00	5.00	7.50	7.50
	Max. Length	m	65	75	75	75
	Max. Height	m	30	30	30	30
Dimensions (H×W×D)	Outline	mm	820×940×460	820×940×460	820×940×460	1345×900×340
	Package	mm	973×1083×573	973×1083×573	973×1083×573	1500×1048×458
Weight	Net Weight	kg	89	95	99	112
	Gross Weight	kg	101	107	111	122
Safety Device			<ul style="list-style-type: none"> • High pressure switch • Low pressure switch • Outdoor fan driver overload protector • Thermal protector for indoor Fan Motor • Inverter overload protector • Fusible plugs • Fuse 			

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4.2 Duct Type

—	IDU		GUD35P/A-T	GUD50P/A-T	GUD71P/A-T	GUD71PH/A-T
	ODU		GUD35PS/A-T	GUD50PS/A-T	GUD71PS/A-T	GUD71PHS/A-T
	ODU		GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	GUD71W/NhA-T
Rated Capacity	Cooling	kW	3.50	5.00	7.00	7.00
	Heating	kW	4.00	5.50	8.00	8.00
Input Power	Cooling	kW	0.95	1.55	2.10	1.94
	Heating	kW	1.05	1.45	2.25	2.11
Sound Pressure Level	Cooling	dB(A)	41	43	40	39
SEER		—	6.10	6.10	6.80	6.80
SCOP		—	4.00	4.00	4.00	4.00
Energy Class (Cooling /Heating)		—	A++/A+	A++/A+	A++/A+	A++/A+
IDU			GUD35P/A-T	GUD50P/A-T	GUD71P/A-T	GUD71PH/A-T
IDU			GUD35PS/A-T	GUD50PS/A-T	GUD71PS/A-T	GUD71PHS/A-T
Power Supply			220-240V ~50Hz;208-230V ~60Hz			
Heat Exchanger			Inner Groove Copper Tube-Aluminum Fin			
Static pressure(rated/maximum)			25/50	25/50	25/75	25/125
Fan Motor	Type	—	Centrifugal Fan			
	Drive	—	Direct	Direct	Direct	Direct
	Motor Output	W	60	60	60	60
	Air Flow Volume	m ³ /h	650	950	1200	1150
Filter			PP			
Connection Pipe	Liquid Pipe	in.	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	1/2	5/8	5/8
	Water Pipe	mm	Φ26×2.50	Φ26×2.50	Φ26×2.50	Φ26×2.50
Dimensions (H×W×D)	Outline	mm	200×700×450	200×1000×450	220×1300×450	260×655×900
	Package	mm	275×568×1008	275×568×1308	300×578×1628	310×785×1155
Weight	Net Weight	kg	19/20	25/26	30/31	30/31
	Gross Weight	kg	23/24	30/31	37/38	38/39
ODU			GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	
Heat Exchanger			Inner Groove Copper Tube-Aluminum Fin			
Power Supply			220-240V ~50Hz;208-230V ~60Hz			
Compressor	Model		QXF-A102zE170B	QXF-B141zF030F	QXFS-D25zX090H	QXFS-D25zX090H
	Type		Rotary	Rotary	Rotary	Rotary
	Output	W	1023	1410	2420	2420
Fan Motor	Type	—	Axial Fan			
	Air Flow Volume	m ³ /h	3000	3000	3600	3600
	Output Power	W	—	—	—	—

—	IDU		GUD35P/A-T	GUD50P/A-T	GUD71P/A-T	GUD71PH/A-T
	ODU		GUD35PS/A-T	GUD50PS/A-T	GUD71PS/A-T	GUD71PHS/A-T
				GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T
Refrigerant	Type		R32			
	Weight	kg	0.78	1.00	1.60	1.60
	Throttling Method		Electronic Expansion Valve			
Connection Pipe	Liquid Pipe	in.	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	1/2	5/8	5/8
Refrigerant Pipe	Standard Length	m	5.00	5.00	5.00	5.00
	Max. Length	m	30	35	50	50
	Max. Height	m	15	20	25	25
Dimensions (H×W×D)	Outline	mm	596×818×302	596×818×302	698×892×340	698×892×340
	Package	mm	645×948×420	645×948×420	750×1029×458	750×1029×458
Weight	Net Weight	kg	37	39	53	53
	Gross Weight	kg	40	42	57	57

—	IDU		GUD85P/A-T	GUD85PH/A-T
	ODU		GUD85PS/A-T	GUD85PHS/A-T
				GUD85W/NhA-T
Rated Capacity	Cooling	kW	8.50	8.50
	Heating	kW	8.80	8.80
Input Power	Cooling	kW	2.70	2.58
	Heating	kW	2.55	2.38
Sound Pressure Level	Cooling	dB(A)	42	42
SEER		—	6.10	6.10
SCOP		—	4.00	3.90
Energy Class (Cooling /Heating)		—	A++/A+	A++/A
IDU			GUD85P/A-T	GUD85PH/A-T
			GUD85PS/A-T	GUD85PHS/A-T
Power Supply			220-240V ~50Hz;208-230V ~60Hz	
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin	
Static pressure(rated/maximum)			37/75	37/125
Fan Motor	Type	—	Centrifugal Fan	
	Drive	—	Direct	Direct
	Motor Output	W	60	60
	Air Flow Volume	m ³ /h	1500	1500
Filter		—	PP	

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—	IDU		GUD85P/A-T	GUD85PH/A-T
	ODU		GUD85PS/A-T	GUD85PHS/A-T
Connection Pipe	Liquid Pipe	in.	3/8	3/8
	Gas Pipe	in.	5/8	5/8
	Water Pipe	mm	Φ26×2.50	Φ26×2.50
Dimensions (H×W×D)	Outline	mm	220×1300×450	260×655×900
	Package	mm	300×578×1628	310×785×1155
Weight	Net Weight	kg	30/31	30/31
	Gross Weight	kg	37/38	38/39
ODU		GUD85W/NhA-T		
Heat Exchanger	—		Inner Groove Copper Tube-Aluminum Fin	
Power Supply		220-240V ~50Hz;208-230V ~60Hz		
Compressor	Model		QXFS-D25zX090H	QXFS-D25zX090H
	Type		Rotary	Rotary
	Output	W	2420	2420
Fan Motor	Type	—	Axial Fan	
	Air Flow Volume	m ³ /h	4000	4000
	Output Power	W	—	—
Refrigerant	Type		R32	
	Weight	kg	1.80	1.80
	Throttling Method		Electronic Expansion Valve	
Connection Pipe	Liquid Pipe	in.	3/8	3/8
	Gas Pipe	in.	5/8	5/8
Refrigerant Pipe	Standard Length	m	5.00	5.00
	Max. Length	m	50	50
	Max. Height	m	25	25
Dimensions (H×W×D)	Outline	mm	790×920×370	790×920×370
	Package	mm	855×1083×488	855×1083×488
Weight	Net Weight	kg	60	60
	Gross Weight	kg	65	65

—	IDU		GUD100PH/A-T	GUD125PH/A-T	GUD140PH/A-T
	ODU		GUD100PHS/A-T	GUD125PHS/A-T	GUD140PHS/A-T
	ODU		GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T
Rated Capacity	Cooling	kW	10.00	12.10	13.40
	Heating	kW	12.00	13.50	15.50
Input Power	Cooling	kW	3.20	4.40	4.45
	Heating	kW	3.40	4.10	4.60
Sound Pressure Level	Cooling	dB(A)	46	42	43
SEER		—	6.10	5.80	6.10
SCOP		—	4.00	3.80	3.60
Energy Class (Cooling /Heating)		—	A++/A+	A+/A	A++/A
IDU			GUD100PH/A-T	GUD125PH/A-T	GUD140PH/A-T
IDU			GUD100PHS/A-T	GUD125PHS/A-T	GUD140PHS/A-T
Power Supply			220-240V~50Hz;208-230V~60Hz		
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin		
Static pressure(rated/maximum)			37/100	50/150	50/150
Fan Motor	Type	—	Centrifugal Fan		
	Drive	—	Direct	Direct	Direct
	Motor Output	W	200	250	250
	Air Flow Volume	m ³ /h	1800	2000	2200
Filter		—	PP		
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8
	Water Pipe	mm	Φ26×2.50	Φ26×2.50	Φ26×2.50
Dimensions (H×W×D)	Outline	mm	300×1000×700	300×1400×700	300×1400×700
	Package	mm	360×813×1205	365×813×1601	365×813×1601
Weight	Net Weight	kg	40/41	49/50	49/50
	Gross Weight	kg	46/47	55/56	55/56
ODU			GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin		
Power Supply			220-240V~50Hz;208-230V~60Hz		
Compressor	Model		QXFS-D32zX090D	QXFS-F428zX450E	QXFS-F428zX450E
	Type		Rotary	Rotary	Rotary
	Output	W	3750	4300	4300
Fan Motor	Type	—	Axial fan		
	Air Flow Volume	m ³ /h	5900	5900	5900
	Output Power	W	150	—	—

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—	IDU		GUD100PH/A-T	GUD125PH/A-T	GUD140PH/A-T	
	ODU		GUD100PHS/A-T	GUD125PHS/A-T	GUD140PHS/A-T	
		ODU		GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T
Refrigerant	Type		R32			
	Weight	kg	2.50	2.65	2.80	
	Throttling Method		Electronic Expansion Valve			
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8	
	Gas Pipe	in.	5/8	5/8	5/8	
Refrigerant Pipe	Standard Length	m	5.00	5.00	7.50	
	Max. Length	m	65	75	75	
	Max. Height	m	30	30	30	
Dimensions (H×W×D)	Outline	mm	820×940×460	820×940×460	820×940×460	
	Package	mm	973×1083×573	973×1083×573	973×1083×573	
Weight	Net Weight	kg	83	91	95	
	Gross Weight	kg	95	103	107	
Safety Device			<ul style="list-style-type: none"> • High pressure switch • Low pressure switch • Outdoor fan driver overload protector • Thermal protector for indoor Fan Motor • Inverter overload protector • Fusible plugs • Fuse 			

—	IDU		GUD100PH/A-T	GUD125PH/A-T	GUD140PH/A-T	GUD160PH/A-T	
	ODU		GUD100PHS/A-T	GUD125PHS/A-T	GUD140PHS/A-T	GUD160PHS/A-T	
		ODU		GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Rated Capacity	Cooling	kW	10.00	12.10	13.40	16.00	
	Heating	kW	12.00	13.50	15.50	17.00	
Input Power	Cooling	kW	3.15	3.80	4.70	5.45	
	Heating	kW	3.50	3.90	4.45	5.00	
Sound Pressure Level	Cooling	dB(A)	46	42	43	44	
SEER		—	6.10	5.80	5.40	6.10	
SCOP		—	4.00	3.80	3.70	4.00	
Energy Class (Cooling /Heating)		—	A++/A+	A+/A	A+/A	A++/A+	
IDU			GUD100PH/A-T	GUD125PH/A-T	GUD140PH/A-T	GUD160PH/A-T	
			GUD100PHS/A-T	GUD125PHS/A-T	GUD140PHS/A-T	GUD160PHS/A-T	
Power Supply			220-240V ~50Hz;208-230V ~60Hz				
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin				
Static pressure(rated/maximum)			37/100	37/150	50/150	50/200	

—	IDU		GUD100PH/A-T	GUD125PH/A-T	GUD140PH/A-T	GUD160PH/A-T
			GUD100PHS/A-T	GUD125PHS/A-T	GUD140PHS/A-T	GUD160PHS/A-T
		ODU	GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Fan Motor	Type	—	Centrifugal Fan			
	Drive	—	Direct	Direct	Direct	Direct
	Motor Output	W	200	250	250	550
	Air Flow Volume	m ³ /h	1800	2000	2200	2400
Filter		—	PP			
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8	5/8
	Water Pipe	mm	Φ26×1.50	Φ26×1.50	Φ26×1.50	Φ26×1.50
Dimensions (H×W×D)	Outline	mm	300×1000×700	300×1400×700	300×1400×700	300×1400×700
	Package	mm	360×813×1205	365×813×1601	365×813×1601	365×813×1601
Weight	Net Weight	kg	40/41	49/50	49/50	56/57
	Gross Weight	kg	46/47	55/56	55/56	63/64
ODU			GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Power Supply			380-415V 3N~50Hz/60Hz			
Compressor	Model		QXFS-D32zX090C	QXFS-F428zX450I	QXFS-F428zX450I	QXFS-F428zX450I
	Type		Rotary	Rotary	Rotary	Rotary
	Output	W	3750	4300	4300	4060
Fan Motor	Type	—	Axial Fan			
	Air Flow Volume	m ³ /h	5900	5900	5900	6600
	Output Power	W	—	—	—	—
Refrigerant	Type		R32			
	Weight	kg	2.50	2.65	2.80	3.60
	Throttling Method		Electronic Expansion Valve			
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8	5/8
Refrigerant Pipe	Standard Length	m	5.00	5.00	7.50	7.50
	Max. Length	m	65	75	75	75
	Max. Height	m	30	30	30	30
Dimensions (H×W×D)	Outline	mm	820×940×460	820×940×460	820×940×460	1345×900×340
	Package	mm	973×1083×573	973×1083×573	973×1083×573	1500×1048×458
Weight	Net Weight	kg	89	95	99	112
	Gross Weight	kg	101	107	111	122

U-Match 5 SERIES AIR CONDITIONERS TSG

—	IDU		GUD100PH/A-T	GUD125PH/A-T	GUD140PH/A-T	GUD160PH/A-T
			GUD100PHS/A-T	GUD125PHS/A-T	GUD140PHS/A-T	GUD160PHS/A-T
	ODU		GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Safety Device			<ul style="list-style-type: none"> • High pressure switch • Low pressure switch • Outdoor fan driver overload protector • Thermal protector for indoor Fan Motor • Inverter overload protector • Fusible plugs • Fuse 			

➔ 4.3 Floor Ceiling Type

—	IDU		GUD35ZD/A-T	GUD50ZD/A-T	GUD71ZD/A-T	GUD85ZD/A-T
	ODU		GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	GUD85W/NhA-T
Rated Capacity	Cooling	kW	3.50	5.00	7.00	8.50
	Heating	kW	4.00	5.50	8.00	8.80
Input Power	Cooling	kW	0.90	1.55	1.90	2.80
	Heating	kW	0.95	1.60	2.45	2.65
Sound Pressure Level	Cooling	dB(A)	39	44	45	49
SEER			6.70	6.10	6.80	6.10
SCOP		—	4.00	4.00	3.90	4.00
Energy Class (Cooling /Heating)		—	A++/A+	A++/A+	A++/A	A++/A+
IDU			GUD35ZD/A-T	GUD50ZD/A-T	GUD71ZD/A-T	GUD85ZD/A-T
Power Supply			220-240V ~50Hz;208-230V ~60Hz			
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Fan Motor	Type	—	Centrifugal Fan			
	Drive	—	Direct	Direct	Direct	Direct
	Motor Output	W	40	40	150	150
	Air Flow Volume	m ³ /h	650	850	1300	1500
Filter		—	PP			
Connection Pipe	Liquid Pipe	in.	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	1/2	5/8	5/8
	Water Pipe	mm	Φ25×1.50	Φ25×1.50	Φ25×1.50	Φ25×1.50
Dimensions (H×W×D)	Outline	mm	235×870×665	235×870×665	235×1200×665	235×1200×665
	Package	mm	300×770×1033	300×770×1033	300×770×1363	300×770×1363
Weight	Net Weight	kg	25	26	31	31
	Gross Weight	kg	30	31	37	37
ODU			GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	GUD85W/NhA-T
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Power Supply			220-240V ~50Hz;208-230V ~60Hz			

—	IDU		GUD35ZD/A-T	GUD50ZD/A-T	GUD71ZD/A-T	GUD85ZD/A-T
	ODU		GUD35W/NhA-T	GUD50W/NhA-T	GUD71W/NhA-T	GUD85W/NhA-T
Compressor	Model		QXF-A102zE170B	QXF-B141zF030F	QXFS-D25zX090H	QXFS-D25zX090H
	Type		Rotary	Rotary	Rotary	Rotary
	Output	W	1023	1410	2420	2420
Fan Motor	Type	—	Axial Fan			
	Air Flow Volume	m ³ /h	3000	3000	3600	4000
	Output Power	W	—	—	—	—
Refrigerant	Type		R32			
	Weight	kg	0.78	1.00	1.60	1.80
	Throttling Method		Electronic Expansion Valve			
Connection Pipe	Liquid Pipe	mm	1/4	1/4	3/8	3/8
	Gas Pipe	in.	3/8	1/2	5/8	5/8
Refrigerant Pipe	Standard Length	m	5	5	5	5
	Max. Length	m	30	35	50	50
	Max. Height	m	15	20	25	25
Dimensions (H×W×D)	Outline	mm	596×818×302	596×818×302	698×892×340	790×920×370
	Package	mm	645×948×420	645×948×420	750×1029×458	855×1083×488
Weight	Net Weight	kg	37	39	53	60
	Gross Weight	kg	40	42	57	65

—	IDU		GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T
	ODU		GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T
Rated Capacity	Cooling	kW	10.00	12.10	13.40
	Heating	kW	12.00	13.50	15.50
Input Power	Cooling	kW	3.30	3.90	4.40
	Heating	kW	3.60	3.95	4.35
Sound Pressure Level	Cooling	dB(A)	49	49	52
SEER		—	6.10	6.10	6.10
SCOP		—	4.00	3.80	3.70
Energy Class (Cooling /Heating)		—	A++/A+	A++/A	A++/A
IDU			GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T
Power Supply			220-240V ~50Hz;208-230V ~60Hz		
Heat Exchanger			Inner Groove Copper Tube-Aluminum Fin		
Fan Motor	Type	—	Centrifugal Fan		
	Drive	—	Direct	Direct	Direct
	Motor Output	W	150	250	250
	Air Flow Volume	m ³ /h	1600	1800	2100
Filter			PP		

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—	IDU		GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T
	ODU		GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T
Connection Pipe	Liquid Pipe	in.	1/4	1/4	3/8
	Gas Pipe	in.	3/8	1/2	5/8
	Water Pipe	mm	Φ25×1.50	Φ25×1.50	Φ25×1.50
Dimensions (H×W×D)	Outline	mm	235×1200×665	235×1570×665	235×1570×665
	Package	mm	300×770×1363	300×770×1729	300×770×1729
Weight	Net Weight	kg	32	40	42
	Gross Weight	kg	38	47	49
ODU			GUD100W/NhA-T	GUD125W/NhA-T	GUD140W/NhA-T
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin		
Power Supply			220-240V ~50Hz;208-230V ~60Hz		
Compressor	Model		QXFS-D32zX090D	QXFS-F428zX450E	QXFS-F428zX450E
	Type		Rotary	Rotary	Rotary
	Output	W	3750	4300	4300
Fan Motor	Type	—	Axial Fan		
	Air Flow Volume	m ³ /h	5900	5900	5900
	Output Power	W	150	—	—
Refrigerant	Type		R32		
	Weight	kg	2.50	2.65	2.80
	Throttling Method		Electronic Expansion Valve		
Connection Pipe	Liquid Pipe	mm	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8
Refrigerant Pipe	Standard Length	m	5.00	5.00	7.50
	Max. Length	m	65	75	75
	Max. Height	m	30	30	30
Dimensions (H×W×D)	Outline	mm	820×940×460	820×940×460	820×940×460
	Package	mm	973×1083×573	973×1083×573	973×1083×573
Weight	Net Weight	kg	83	91	95
	Gross Weight	kg	95	103	107
Safety Device			<ul style="list-style-type: none"> • High pressure switch • Low pressure switch • Outdoor fan driver overload protector • Thermal protector for indoor Fan Motor • Inverter overload protector • Fusible plugs • Fuse 		

—	IDU		GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T	GUD160ZD/A-T
	ODU		GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Rated Capacity	Cooling	kW	10.00	12.10	13.40	16.00
	Heating	kW	12.00	13.50	15.50	17.00
Input Power	Cooling	kW	3.30	4.05	4.30	5.40
	Heating	kW	3.50	4.00	4.40	5.40

—	IDU		GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T	GUD160ZD/A-T
	ODU		GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Sound Pressure Level	Cooling	dB(A)	49	49	52	54
SEER		—	6.10	6.10	6.10	6.10
SCOP		—	4.00	3.80	4.00	4.00
Energy Class (Cooling /Heating)		—	A++/A+	A++/A	A++/A+	A++/A
IDU			GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T	GUD160ZD/A-T
Power Supply			220-240V ~50Hz;208-230V ~60Hz			
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Fan Motor	Type	—	Centrifugal Fan			
	Drive	—	Direct	Direct	Direct	Direct
	Motor Output	W	150	250	250	250
	Air Flow Volume	m ³ /h	1600	1800	2100	2300
Filter		—	PP			
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8	5/8
	Water Pipe	mm	Φ25×1.50	Φ25×1.50	Φ25×1.50	Φ25×1.50
Dimensions (H×W×D)	Outline	mm	235×1200×665	235×1570×665	235×1570×665	235×1570×665
	Package	mm	300×770×1363	300×770×1729	300×770×1729	300×770×1729
Weight	Net Weight	kg	32	40	42	42
	Gross Weight	kg	38	47	49	49
ODU			GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin			
Power Supply			380-415V 3N~50Hz/60Hz			
Compressor	Model		QXFS-D32zX090C	QXFS-F428zX450I	QXFS-F428zX450I	QXFS-F428zX450I
	Type		Rotary	Rotary	Rotary	Rotary
	Output	W	4000	4300	4300	4060
Fan Motor	Type	—	Axial Fan			
	Air Flow Volume	m ³ /h	5900	5900	5900	6600
	Output Power	W	—	—	—	—
Refrigerant	Type		R32			
	Weight	kg	2.50	2.70	2.80	3.60
	Throttling Method		Electronic Expansion Valve			
Connection Pipe	Liquid Pipe	mm	3/8	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8	5/8
Refrigerant Pipe	Standard Length	m	5.00	5.00	7.50	7.50
	Max. Length	m	65	75	75	75
	Max. Height	m	30	30	30	30
Dimensions (H×W×D)	Outline	mm	820×940×460	820×940×460	820×940×460	1345×900×340
	Package	mm	973×1083×573	973×1083×573	973×1083×573	1500×1048×458

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—	IDU		GUD100ZD/A-T	GUD125ZD/A-T	GUD140ZD/A-T	GUD160ZD/A-T
	ODU		GUD100W/NhA-X	GUD125W/NhA-X	GUD140W/NhA-X	GUD160W/NhA-X
Weight	Net Weight	kg	89	95	99	112
	Gross Weight	kg	101	107	111	122
Safety Device			<ul style="list-style-type: none"> • High pressure switch • Low pressure switch • Outdoor fan driver overload protector • Thermal protector for indoor Fan Motor • Inverter overload protector • Fusible plugs. Fuse 			

➔ 4.4 Wall Mounted Type

—	IDU		GUD71G/A-T	GUD100G/A-T	GUD100G/A-T
	ODU		GUD71W/NhA-T	GUD100W/NhA-T	GUD100W/NhA-X
Rated Capacity	Cooling	kW	7.0	10.0	10.0
	Heating	kW	8.0	12.0	12.0
Input Power	Cooling	kW	1.86	3.00	2.95
	Heating	kW	2.2	3.6	3.7
Sound Pressure Level	Cooling	dB(A)	47	53	53
SEER		—	7.2	6.1	6.1
SCOP		—	4.0	4.0	4.0
Energy Class (Cooling /Heating)		—	A++/A+	A++/A+	A++/A+
IDU			GUD71G/A-T	GUD100G/A-T	GUD100G/A-T
Power Supply			220-240V~50Hz;208-230V~60Hz		
Heat Exchanger			Inner Groove Copper Tube-Aluminum Fin		
Fan Motor	Type	—	Centrifugal Fan		
	Drive	—	direct	direct	direct
	Motor Output	W	60	70	70
	Air Flow Volume	m³/h	1200	1560	1560
Filter			PP	PP	PP
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8
	Water Pipe	mm	Φ16	Φ16	Φ16
Dimensions (H×W×D)	Outline	mm	325×1078×246	326×1350×253	326×1350×253
	Package	mm	403×1127×344	421×1441×367	421×1441×367
Weight	Net Weight	kg	15	18	18
	Gross Weight	kg	18	23	23
ODU			GUD71W/NhA-T	GUD100W/NhA-T	GUD100W/NhA-X
Heat Exchanger			Inner Groove Copper Tube-Aluminum Fin		
Power Supply			220-240V~50Hz; 208-230V~60Hz	220-240V~50Hz; 208-230V~60Hz	380-415V 3N~50Hz/60Hz

—	IDU		GUD71G/A-T	GUD100G/A-T	GUD100G/A-T
	ODU		GUD71W/NhA-T	GUD100W/NhA-T	GUD100W/NhA-X
Compressor	Model		QXFS-D25zX090H	QXFS-D32zX090D	QXFS-D32zX090C
	Type		Rotary	Rotary	Rotary
	Output	W	2420	3750	4000
Fan Motor	Type	—	Axial fan		
	Air Flow Volume	m³/h	3600	5900	5900
	Output Power	W	—	150	150
Refrigerant	Type		R32	R32	R32
	Weight	kg	1.6	2.5	2.5
	Throttling Method		Electronic Expansion Valve		
Connection Pipe	Liquid Pipe	mm	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8
Refrigerant Pipe	Standard Length	m	5	5	5
	Length Max.	m	50	65	65
	Height Max.	m	25	30	30
Dimensions (H×W×D)	Outline	mm	698×892×340	820×940×460	820×940×460
	Package	mm	750×1029×458	973×1083×573	973×1083×573
Weight	Net Weight	kg	53	83	89
	Gross Weight	kg	57	95	101
	Safety Device		<ul style="list-style-type: none"> Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse 	<ul style="list-style-type: none"> High pressure switch Low pressure switch Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse 	

—	IDU		GUD71G/A1-T	GUD100G/A1-T	GUD100G/A1-T
	ODU		GUD71W/NhA-T	GUD100W/NhA-T	GUD100W/NhA-X
Rated Capacity	Cooling	kW	7.0	10.0	10.0
	Heating	kW	8.0	12.0	12.0
Input Power	Cooling	kW	1.86	3.00	2.95
	Heating	kW	2.2	3.6	3.7
Sound Pressure Level	Cooling	dB(A)	47	53	53
SEER		—	7.2	6.1	6.1
SCOP		—	4.0	4.0	4.0
Energy Class (Cooling /Heating)		—	A++/A+	A++/A+	A++/A+
IDU			GUD71G/A1-T	GUD100G/A1-T	GUD100G/A1-T
Power Supply			220-240V~50Hz;208-230V~60Hz		
Heat Exchanger			Inner Groove Copper Tube-Aluminum Fin		

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—	IDU		GUD71G/A1-T	GUD100G/A1-T	GUD100G/A1-T
	ODU		GUD71W/NhA-T	GUD100W/NhA-T	GUD100W/NhA-X
Fan Motor	Type	—	Centrifugal Fan		
	Drive	—	direct	direct	direct
	Motor Output	W	60	70	70
	Air Flow Volume	m³/h	1200	1560	1560
Filter		—	PP	PP	PP
Connection Pipe	Liquid Pipe	in.	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8
	Water Pipe	mm	Φ16	Φ16	Φ16
Dimensions (H×W×D)	Outline	mm	325×1078×246	326×1350×253	326×1350×253
	Package	mm	403×1127×344	421×1441×367	421×1441×367
Weight	Net Weight	kg	15	18	18
	Gross Weight	kg	18	23	23
ODU			GUD71W/NhA-T	GUD100W/NhA-T	GUD100W/NhA-X
Heat Exchanger		—	Inner Groove Copper Tube-Aluminum Fin		
Power Supply			220-240V~50Hz;208-230V~60Hz	220-240V~50Hz;208-230V~60Hz	380-415V 3N~50Hz/60Hz
Compressor	Model		QXFS-D25zX090H	QXFS-D32zX090D	QXFS-D32zX090C
	Type		Rotary	Rotary	Rotary
	Output	W	2420	3750	4000
Fan Motor	Type	—	Axial fan		
	Air Flow Volume	m³/h	3600	5900	5900
	Output Power	W	—	150	150
Refrigerant	Type		R32	R32	R32
	Weight	kg	1.6	2.5	2.5
	Throttling Method		Electronic Expansion Valve		
Connection Pipe	Liquid Pipe	mm	3/8	3/8	3/8
	Gas Pipe	in.	5/8	5/8	5/8
Refrigerant Pipe	Standard Length	m	5	5	5
	Max. Length	m	50	65	65
	Max. Height	m	25	30	30
Dimensions (H×W×D)	Outline	mm	698×892×340	820×940×460	820×940×460
	Package	mm	750×1029×458	973×1083×573	973×1083×573
Weight	Net Weight	kg	53	83	89
	Gross Weight	kg	57	95	101
Safety Device			<ul style="list-style-type: none"> Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse 	<ul style="list-style-type: none"> High pressure switch Low pressure switch Outdoor fan driver overload protector Thermal protector for indoor Fan Motor Inverter overload protector Fusible plugs. Fuse 	

1. Product design conforms to EN14511 standards.
2. Air Flow Volume was measured under applicable standard static pressure.
3. Above cooling (heating) capacity is measured under rated working condition. Parameters may be changed due to product improvement. Please refer to the present product nameplate.

—	Indoor(°C DB/WB)	Outdoor(°C DB/WB)
Cooling	27/19	35/24
Heating	20/15	7/6

5 PRODUCT OPERATION RANGE

	Cooling	Heating
Outdoor temperature DB(°C)	-20~48	-20~24
Indoor temperature DB/WB(°C) (Maximum)	32/23	27/-

6 CAPACITY CORRECTION

6.1 Table of Performance Correction

6.1.1 Cassette Type

GUD35T/A-T
Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	2.46	2.24	0.30	2.53	2.12	0.40	2.77	2.07	0.51	2.52	2.07	0.56	2.42	2.02	0.60
	23	16	3.00	2.63	0.39	3.07	2.49	0.51	3.37	2.43	0.66	3.07	2.43	0.72	2.94	2.37	0.78
	26	18	3.39	2.87	0.47	3.48	2.72	0.61	3.82	2.65	0.79	3.47	2.65	0.85	3.33	2.58	0.92
	27	19	3.79	3.07	0.54	3.89	2.90	0.71	3.85	2.83	0.92	3.50	2.83	1.00	3.36	2.76	1.08
	30	22	3.91	3.20	0.55	4.01	3.03	0.72	3.97	2.95	0.93	3.61	2.95	1.01	3.46	2.88	1.09
	32	24	3.98	3.34	0.55	4.08	3.16	0.72	4.04	3.08	0.94	3.67	3.08	1.02	3.53	3.01	1.10
H	20	14	2.39	2.17	0.29	2.45	2.06	0.38	2.69	2.01	0.50	3.11	2.01	0.54	2.35	1.96	0.59
	23	16	2.91	2.55	0.38	2.98	2.41	0.49	3.27	2.35	0.64	3.24	2.35	0.70	2.86	2.29	0.75
	26	18	3.29	2.79	0.45	3.37	2.64	0.59	3.70	2.57	0.76	3.34	2.57	0.83	3.23	2.51	0.90
	27	19	3.68	2.97	0.53	3.77	2.82	0.69	3.73	2.75	0.89	3.40	2.75	0.97	3.26	2.68	1.05
	30	22	3.79	3.10	0.53	3.89	2.94	0.69	3.85	2.86	0.90	3.50	2.86	0.98	3.36	2.79	1.06
	32	24	3.86	3.24	0.54	3.96	3.07	0.70	3.92	2.99	0.91	3.56	2.99	0.99	3.42	2.92	1.07
M	20	14	2.27	2.06	0.28	2.32	1.95	0.36	2.55	1.90	0.47	2.95	1.90	0.51	2.23	1.86	0.55
	23	16	2.76	2.42	0.36	2.83	2.29	0.47	3.10	2.23	0.61	3.08	2.23	0.66	2.71	2.18	0.71
	26	18	3.12	2.64	0.43	3.20	2.50	0.56	3.51	2.44	0.72	3.17	2.44	0.79	3.06	2.38	0.85
	27	19	3.49	2.82	0.50	3.58	2.67	0.65	3.54	2.60	0.85	3.22	2.60	0.92	3.09	2.54	0.99
	30	22	3.60	2.94	0.51	3.69	2.78	0.66	3.65	2.71	0.86	3.32	2.71	0.93	3.18	2.65	1.01
	32	24	3.66	3.07	0.51	3.76	2.91	0.66	3.72	2.84	0.86	3.38	2.84	0.94	3.24	2.77	1.01

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Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
L	20	14	2.22	2.02	0.27	2.27	1.91	0.36	2.49	1.86	0.46	2.89	1.86	0.50	2.18	1.81	0.54
	23	16	2.70	2.37	0.35	2.77	2.24	0.46	3.04	2.18	0.59	3.01	2.18	0.65	2.65	2.13	0.70
	26	18	3.05	2.58	0.42	3.13	2.45	0.54	3.43	2.39	0.71	3.10	2.39	0.77	3.00	2.33	0.83
	27	19	3.41	2.76	0.49	3.50	2.61	0.64	3.47	2.55	0.83	3.15	2.55	0.90	3.02	2.48	0.97
	30	22	3.52	2.88	0.50	3.61	2.72	0.64	3.57	2.66	0.84	3.24	2.66	0.91	3.11	2.59	0.98
	32	24	3.58	3.01	0.50	3.68	2.85	0.65	3.64	2.78	0.84	3.31	2.78	0.92	3.17	2.71	0.99

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	2.94	0.86	2.93	0.89	2.92	0.92	2.92	0.95	2.91	0.98
	-5	-5.6	3.28	0.92	3.27	0.94	3.26	0.97	3.26	1.00	3.25	1.02
	0	-0.7	3.61	0.96	3.61	0.98	3.59	1.01	3.59	1.04	3.59	1.06
	7	6	4.02	1.01	4.01	1.03	4.00	1.05	3.85	1.02	3.63	0.95
	10	8	4.14	1.04	4.13	1.05	4.00	1.03	3.85	0.95	3.63	0.89
H	-10	-11	2.85	0.83	2.84	0.86	2.83	0.89	2.83	0.92	2.82	0.95
	-5	-5.6	3.18	0.89	3.17	0.91	3.16	0.94	3.16	0.97	3.15	0.99
	0	-0.7	3.51	0.93	3.50	0.95	3.49	0.98	3.49	1.01	3.48	1.02
	7	6	3.90	0.98	3.89	1.00	3.88	1.02	3.73	0.99	3.52	0.92
	10	8	4.02	1.01	4.01	1.02	3.88	1.00	3.73	0.92	3.52	0.86
M	-10	-11	2.70	0.79	2.70	0.81	2.69	0.84	2.69	0.87	2.68	0.90
	-5	-5.6	3.02	0.84	3.01	0.86	3.00	0.89	3.00	0.92	2.99	0.94
	0	-0.7	3.33	0.89	3.32	0.90	3.31	0.93	3.31	0.95	3.30	0.97
	7	6	3.70	0.93	3.69	0.95	3.68	0.97	3.54	0.93	3.34	0.87
	10	8	3.81	0.95	3.80	0.97	3.68	0.95	3.54	0.87	3.34	0.82
L	-10	-11	2.65	0.77	2.64	0.80	2.63	0.82	2.63	0.86	2.62	0.88
	-5	-5.6	2.95	0.82	2.94	0.85	2.93	0.87	2.93	0.90	2.92	0.92
	0	-0.7	3.25	0.87	3.24	0.88	3.24	0.91	3.24	0.93	3.23	0.95
	7	6	3.62	0.91	3.61	0.93	3.60	0.95	3.46	0.91	3.26	0.86
	10	8	3.73	0.93	3.72	0.95	3.60	0.93	3.46	0.85	3.26	0.80

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity.

PI: Power Input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD50T/A-T
Cooling

Fan speed	Indoor air temperature °C		Outdoor dry bulb temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	3.52	2.91	0.47	3.61	2.75	0.62	3.96	2.68	0.80	3.60	2.68	0.87	3.46	2.62	0.94
	23	16	4.28	3.41	0.61	4.39	3.23	0.79	4.82	3.15	1.03	4.38	3.15	1.12	4.21	3.07	1.21
	26	18	4.84	3.72	0.73	4.97	3.53	0.94	5.45	3.44	1.23	4.96	3.44	1.33	4.76	3.35	1.44
	27	19	5.42	3.98	0.85	5.56	3.76	1.10	5.50	3.67	1.44	5	3.67	1.56	4.80	3.58	1.68
	30	22	5.58	4.15	0.86	5.73	3.93	1.12	5.67	3.83	1.45	5.15	3.83	1.58	4.94	3.73	1.71
	32	24	5.69	4.33	0.87	5.83	4.10	1.13	5.77	4.00	1.46	5.25	4.00	1.59	5.04	3.90	1.72
H	20	14	3.41	2.82	0.46	3.50	2.67	0.60	3.84	2.60	0.78	4.45	2.60	0.85	3.35	2.54	0.91
	23	16	4.15	3.31	0.59	4.26	3.13	0.77	4.67	3.05	1.00	4.63	3.05	1.09	4.08	2.98	1.17
	26	18	4.70	3.61	0.70	4.82	3.42	0.92	5.29	3.33	1.19	4.78	3.33	1.29	4.61	3.25	1.40
	27	19	5.26	3.86	0.82	5.39	3.65	1.07	5.34	3.56	1.39	4.85	3.56	1.51	4.66	3.47	1.63
	30	22	5.42	4.02	0.83	5.55	3.81	1.08	5.50	3.71	1.41	5.00	3.71	1.53	4.80	3.62	1.65
	32	24	5.52	4.20	0.84	5.66	3.98	1.09	5.60	3.88	1.42	5.09	3.88	1.54	4.89	3.78	1.67
M	20	14	3.24	2.67	0.44	3.32	2.53	0.57	3.64	2.47	0.74	4.22	2.47	0.80	3.18	2.41	0.87
	23	16	3.94	3.14	0.56	4.04	2.97	0.73	4.43	2.90	0.95	4.40	2.90	1.03	3.87	2.82	1.11
	26	18	4.46	3.43	0.67	4.57	3.24	0.87	5.01	3.16	1.13	4.53	3.16	1.23	4.38	3.08	1.32
	27	19	4.99	3.66	0.78	5.11	3.46	1.02	5.06	3.38	1.32	4.60	3.38	1.44	4.42	3.29	1.55
	30	22	5.14	3.81	0.79	5.27	3.61	1.03	5.21	3.52	1.34	4.74	3.52	1.45	4.55	3.43	1.57
	32	24	5.23	3.99	0.80	5.37	3.77	1.04	5.31	3.68	1.35	4.83	3.68	1.46	4.64	3.59	1.58
L	20	14	3.17	2.62	0.43	3.25	2.48	0.56	3.56	2.41	0.72	4.13	2.41	0.78	3.11	2.35	0.85
	23	16	3.85	3.07	0.55	3.95	2.91	0.71	4.34	2.83	0.93	4.30	2.83	1.01	3.79	2.76	1.09
	26	18	4.36	3.35	0.65	4.47	3.17	0.85	4.91	3.09	1.10	4.43	3.09	1.20	4.28	3.02	1.30
	27	19	4.88	3.58	0.76	5.00	3.39	0.99	4.95	3.30	1.29	4.50	3.30	1.40	4.32	3.22	1.52
	30	22	5.02	3.73	0.77	5.15	3.53	1.01	5.10	3.44	1.31	4.64	3.44	1.42	4.45	3.36	1.53
	32	24	5.12	3.90	0.78	5.25	3.69	1.01	5.20	3.60	1.32	4.72	3.60	1.43	4.53	3.51	1.55

Heating

Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	4.04	1.35	4.03	1.39	4.02	1.44	4.02	1.49	4.00	1.54
	-5	-5.6	4.51	1.44	4.49	1.48	4.48	1.52	4.48	1.57	4.47	1.60
	0	-0.7	4.97	1.51	4.96	1.54	4.94	1.59	4.94	1.63	4.93	1.66
	7	6	5.53	1.59	5.51	1.62	5.50	1.65	5.29	1.60	4.99	1.49
	10	8	5.69	1.63	5.68	1.65	5.50	1.62	5.29	1.49	4.99	1.40

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Fan speed	Outdoor air temperature °C		Indoor dry bulb temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
H	-10	-11	3.92	1.31	3.91	1.35	3.90	1.40	3.90	1.45	3.88	1.49
	-5	-5.6	4.37	1.40	4.36	1.43	4.35	1.48	4.35	1.52	4.33	1.55
	0	-0.7	4.82	1.47	4.81	1.50	4.79	1.54	4.79	1.58	4.78	1.61
	7	6	5.36	1.54	5.35	1.57	5.34	1.60	5.13	1.55	4.84	1.45
	10	8	5.52	1.58	5.51	1.60	5.34	1.57	5.13	1.44	4.84	1.35
M	-10	-11	3.72	1.24	3.71	1.28	3.69	1.33	3.69	1.37	3.68	1.41
	-5	-5.6	4.15	1.33	4.13	1.36	4.12	1.40	4.12	1.44	4.11	1.47
	0	-0.7	4.57	1.39	4.56	1.42	4.55	1.46	4.55	1.50	4.54	1.53
	7	6	5.08	1.46	5.07	1.49	5.06	1.52	4.87	1.47	4.59	1.37
	10	8	5.24	1.50	5.22	1.52	5.06	1.49	4.87	1.37	4.59	1.28
L	-10	-11	3.64	1.22	3.63	1.25	3.61	1.30	3.61	1.34	3.60	1.38
	-5	-5.6	4.06	1.30	4.04	1.33	4.03	1.37	4.03	1.41	4.02	1.44
	0	-0.7	4.47	1.36	4.46	1.39	4.45	1.43	4.45	1.47	4.44	1.49
	7	6	4.97	1.43	4.96	1.46	4.95	1.49	4.76	1.44	4.49	1.34
	10	8	5.12	1.47	5.11	1.49	4.95	1.46	4.76	1.34	4.49	1.26

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD71T/A-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	4.93	4.24	0.62	5.05	4.01	0.81	5.54	3.91	1.05	5.04	3.91	1.14	4.84	3.81	1.24
	23	16	6.00	4.97	0.80	6.15	4.71	1.04	6.75	4.59	1.35	6.13	4.59	1.47	5.89	4.47	1.59
	26	18	6.78	5.43	0.95	6.95	5.14	1.24	7.63	5.01	1.61	6.94	5.01	1.75	6.66	4.88	1.89
	27	19	7.59	5.80	1.12	7.78	5.49	1.45	7.70	5.35	1.89	7.00	5.35	2.05	6.72	5.21	2.21
	30	22	7.82	6.04	1.13	8.02	5.72	1.47	7.93	5.58	1.91	7.21	5.58	2.07	6.92	5.44	2.24
	32	24	7.96	6.32	1.14	8.17	5.98	1.48	8.08	5.83	1.92	7.35	5.83	2.09	7.05	5.68	2.26

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
H	20	14	4.78	4.11	0.60	4.90	3.89	0.79	5.38	3.79	1.02	6.23	3.79	1.11	4.69	3.70	1.20
	23	16	5.82	4.82	0.78	5.96	4.56	1.01	6.54	4.45	1.31	6.49	4.45	1.43	5.71	4.34	1.54
	26	18	6.58	5.27	0.93	6.75	4.99	1.20	7.40	4.86	1.56	6.69	4.86	1.70	6.46	4.74	1.84
	27	19	7.36	5.62	1.08	7.55	5.32	1.41	7.47	5.19	1.83	6.79	5.19	1.99	6.52	5.06	2.15
	30	22	7.58	5.86	1.10	7.78	5.55	1.42	7.69	5.41	1.85	6.99	5.41	2.01	6.71	5.27	2.17
	32	24	7.73	6.13	1.10	7.92	5.80	1.43	7.84	5.65	1.86	7.13	5.65	2.03	6.84	5.51	2.19
M	20	14	4.53	3.90	0.57	4.65	3.69	0.75	5.10	3.60	0.97	5.91	3.60	1.05	4.45	3.51	1.14
	23	16	5.52	4.57	0.74	5.66	4.33	0.96	6.21	4.22	1.25	6.15	4.22	1.35	5.42	4.11	1.46
	26	18	6.24	4.99	0.88	6.40	4.73	1.14	7.02	4.61	1.48	6.34	4.61	1.61	6.13	4.49	1.74
	27	19	6.98	5.33	1.03	7.16	5.05	1.34	7.08	4.92	1.74	6.44	4.92	1.89	6.18	4.80	2.04
	30	22	7.19	5.56	1.04	7.37	5.26	1.35	7.30	5.13	1.76	6.63	5.13	1.91	6.37	5.00	2.06
	32	24	7.33	5.81	1.05	7.51	5.50	1.36	7.44	5.36	1.77	6.76	5.36	1.92	6.49	5.23	2.08
L	20	14	4.43	3.81	0.56	4.55	3.61	0.73	4.99	3.52	0.95	5.78	3.52	1.03	4.36	3.43	1.11
	23	16	5.40	4.47	0.72	5.53	4.24	0.94	6.07	4.13	1.22	6.02	4.13	1.33	5.30	4.02	1.43
	26	18	6.10	4.89	0.86	6.26	4.63	1.12	6.87	4.51	1.45	6.21	4.51	1.58	5.99	4.40	1.70
	27	19	6.83	5.22	1.00	7.00	4.94	1.31	6.93	4.82	1.70	6.30	4.82	1.85	6.05	4.69	1.99
	30	22	7.03	5.44	1.02	7.21	5.15	1.32	7.14	5.02	1.72	6.49	5.02	1.87	6.23	4.89	2.02
	32	24	7.17	5.68	1.02	7.35	5.38	1.33	7.27	5.25	1.73	6.61	5.25	1.88	6.35	5.11	2.03

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	5.88	1.80	5.86	1.85	5.84	1.92	5.84	1.99	5.82	2.05
	-5	-5.6	6.55	1.92	6.53	1.97	6.52	2.03	6.52	2.09	6.50	2.13
	0	-0.7	7.23	2.02	7.21	2.06	7.19	2.12	7.19	2.17	7.17	2.21
	7	6	8.04	2.12	8.02	2.16	8.00	2.20	7.69	2.13	7.25	1.99
	10	8	8.28	2.17	8.26	2.20	8.00	2.16	7.69	1.98	7.25	1.86
H	-10	-11	5.70	1.75	5.68	1.80	5.67	1.86	5.67	1.93	5.65	1.99
	-5	-5.6	6.36	1.86	6.34	1.91	6.32	1.97	6.32	2.03	6.30	2.07
	0	-0.7	7.01	1.96	6.99	2.00	6.97	2.05	6.97	2.11	6.96	2.14
	7	6	7.80	2.05	7.78	2.09	7.76	2.13	7.46	2.06	7.03	1.93
	10	8	8.03	2.11	8.01	2.13	7.76	2.09	7.46	1.92	7.03	1.80
M	-10	-11	5.41	1.66	5.39	1.71	5.37	1.77	5.37	1.83	5.36	1.88
	-5	-5.6	6.03	1.77	6.01	1.81	5.99	1.87	5.99	1.92	5.98	1.96
	0	-0.7	6.65	1.86	6.63	1.89	6.61	1.95	6.61	2.00	6.60	2.03
	7	6	7.40	1.95	7.38	1.98	7.36	2.02	7.08	1.96	6.67	1.83
	10	8	7.62	2.00	7.60	2.02	7.36	1.98	7.08	1.82	6.67	1.71

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Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
L	-10	-11	5.29	1.62	5.27	1.67	5.26	1.73	5.26	1.79	5.24	1.84
	-5	-5.6	5.90	1.73	5.88	1.77	5.86	1.83	5.86	1.88	5.85	1.92
	0	-0.7	6.51	1.82	6.49	1.85	6.47	1.91	6.47	1.96	6.45	1.99
	7	6	7.24	1.91	7.22	1.94	7.20	1.98	6.92	1.92	6.53	1.79
	10	8	7.45	1.96	7.43	1.98	7.20	1.94	6.92	1.78	6.53	1.67

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power Input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD85T/A-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	5.98	6.18	0.85	6.14	5.85	1.11	6.73	5.70	1.44	6.12	5.70	1.56	5.88	5.56	1.69
	23	16	7.28	7.25	1.10	7.47	6.86	1.42	8.19	6.69	1.85	7.45	6.69	2.01	7.15	6.52	2.17
	26	18	8.23	7.92	1.30	8.45	7.49	1.69	9.27	7.31	2.20	8.42	7.31	2.39	8.09	7.12	2.58
	27	19	9.21	8.45	1.52	9.45	8.00	1.98	9.35	7.80	2.58	8.5	7.8	2.8	8.16	7.60	3.02
	30	22	9.49	8.81	1.54	9.73	8.34	2.01	9.63	8.13	2.61	8.76	8.13	2.83	8.41	7.93	3.06
	32	24	9.67	9.21	1.55	9.92	8.72	2.02	9.81	8.50	2.63	8.92	8.50	2.85	8.57	8.28	3.08
H	20	14	5.80	5.99	0.83	5.95	5.67	1.07	6.53	5.53	1.40	7.56	5.53	1.52	5.70	5.39	1.64
	23	16	7.06	7.03	1.06	7.24	6.66	1.38	7.95	6.49	1.80	7.88	6.49	1.95	6.94	6.32	2.11
	26	18	7.99	7.68	1.26	8.19	7.27	1.64	8.99	7.09	2.14	8.12	7.09	2.32	7.85	6.91	2.51
	27	19	8.94	8.20	1.48	9.17	7.76	1.92	9.07	7.57	2.50	8.25	7.57	2.72	7.92	7.37	2.93
	30	22	9.21	8.55	1.50	9.44	8.09	1.95	9.34	7.89	2.53	8.49	7.89	2.75	8.15	7.69	2.97
	32	24	9.38	8.93	1.51	9.62	8.46	1.96	9.52	8.24	2.55	8.65	8.24	2.77	8.31	8.04	2.99
M	20	14	5.50	5.68	0.78	5.64	5.38	1.02	6.19	5.25	1.32	7.17	5.25	1.44	5.41	5.11	1.55
	23	16	6.70	6.67	1.01	6.87	6.31	1.31	7.54	6.15	1.70	7.47	6.15	1.85	6.58	6.00	2.00
	26	18	7.58	7.28	1.20	7.77	6.90	1.56	8.53	6.72	2.03	7.70	6.72	2.20	7.44	6.55	2.38
	27	19	8.48	7.77	1.40	8.69	7.36	1.82	8.60	7.18	2.37	7.82	7.18	2.58	7.51	6.99	2.78
	30	22	8.73	8.11	1.42	8.95	7.68	1.85	8.86	7.48	2.40	8.05	7.48	2.61	7.73	7.29	2.82
	32	24	8.90	8.47	1.43	9.12	8.02	1.86	9.03	7.82	2.42	8.21	7.82	2.63	7.88	7.62	2.84

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
L	20	14	5.38	5.56	0.77	5.52	5.26	1.00	6.06	5.13	1.30	7.02	5.13	1.41	5.29	5.00	1.52
	23	16	6.55	6.52	0.99	6.72	6.18	1.28	7.37	6.02	1.67	7.31	6.02	1.81	6.44	5.87	1.95
	26	18	7.41	7.12	1.17	7.60	6.75	1.52	8.34	6.58	1.98	7.54	6.58	2.15	7.28	6.41	2.33
	27	19	8.29	7.61	1.37	8.51	7.20	1.78	8.42	7.02	2.32	7.65	7.02	2.52	7.34	6.84	2.72
	30	22	8.54	7.93	1.39	8.76	7.51	1.81	8.67	7.32	2.35	7.88	7.32	2.55	7.56	7.14	2.75
	32	24	8.70	8.29	1.40	8.93	7.85	1.82	8.83	7.65	2.36	8.03	7.65	2.57	7.71	7.46	2.77

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	6.47	2.17	6.45	2.23	6.43	2.31	6.43	2.40	6.40	2.47
	-5	-5.6	7.21	2.31	7.19	2.37	7.17	2.45	7.17	2.52	7.15	2.57
	0	-0.7	7.95	2.43	7.93	2.48	7.91	2.55	7.91	2.62	7.89	2.66
	7	6.0	8.84	2.55	8.82	2.60	8.80	2.65	8.46	2.56	7.98	2.40
	10	8.0	9.11	2.62	9.09	2.65	8.80	2.60	8.46	2.39	7.98	2.24
H	-10	-11.0	6.27	2.10	6.25	2.17	6.23	2.24	6.23	2.33	6.21	2.39
	-5	-5.6	6.99	2.24	6.97	2.30	6.95	2.37	6.95	2.44	6.93	2.49
	0	-0.7	7.71	2.36	7.69	2.40	7.67	2.47	7.67	2.54	7.65	2.58
	7	6.0	8.58	2.47	8.56	2.52	8.54	2.57	8.21	2.49	7.74	2.33
	10	8.0	8.83	2.54	8.81	2.57	8.54	2.52	8.21	2.31	7.74	2.17
M	-10	-11.0	5.95	2.00	5.93	2.06	5.91	2.13	5.91	2.21	5.89	2.27
	-5	-5.6	6.63	2.13	6.61	2.18	6.59	2.25	6.59	2.32	6.57	2.37
	0	-0.7	7.32	2.24	7.30	2.28	7.28	2.35	7.28	2.41	7.26	2.45
	7	6.0	8.14	2.35	8.12	2.39	8.10	2.44	7.78	2.36	7.34	2.21
	10	8.0	8.38	2.41	8.36	2.44	8.10	2.39	7.78	2.20	7.34	2.06
L	-10	-11.0	5.82	1.95	5.80	2.01	5.78	2.08	5.78	2.16	5.76	2.22
	-5	-5.6	6.49	2.08	6.47	2.14	6.45	2.20	6.45	2.27	6.43	2.31
	0	-0.7	7.16	2.19	7.14	2.23	7.12	2.30	7.12	2.36	7.10	2.40
	7	6.0	7.96	2.30	7.94	2.34	7.92	2.39	7.62	2.31	7.18	2.16
	10	8.0	8.20	2.36	8.18	2.39	7.92	2.34	7.62	2.15	7.18	2.02

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

U-Match 5 SERIES AIR CONDITIONERS TSG

GUD100T/A-T Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	7.04	6.04	0.96	7.22	5.72	1.25	7.92	5.58	1.62	7.20	5.58	1.76	6.91	5.44	1.90
	23	16	8.57	7.09	1.23	8.78	6.71	1.60	9.64	6.54	2.08	8.76	6.54	2.26	8.41	6.38	2.44
	26	18	9.69	7.74	1.47	9.94	7.33	1.91	10.90	7.15	2.48	9.91	7.15	2.69	9.51	6.97	2.91
	27	19	10.84	8.27	1.72	11.12	7.83	2.23	11.00	7.63	2.90	10	7.63	3.15	9.60	7.44	3.40
	30	22	11.17	8.62	1.74	11.45	8.16	2.26	11.33	7.96	2.93	10.30	7.96	3.19	9.89	7.76	3.44
	32	24	11.38	9.01	1.75	11.67	8.53	2.27	11.55	8.31	2.95	10.50	8.31	3.21	10.08	8.10	3.47
H	20	14	6.83	5.86	0.93	7.00	5.55	1.21	7.68	5.41	1.57	8.90	5.41	1.71	6.71	5.27	1.84
	23	16	8.31	6.88	1.19	8.52	6.51	1.55	9.35	6.35	2.02	9.27	6.35	2.19	8.16	6.19	2.37
	26	18	9.40	7.51	1.42	9.64	7.11	1.85	10.57	6.93	2.40	9.55	6.93	2.61	9.23	6.76	2.82
	27	19	10.52	8.02	1.66	10.78	7.59	2.16	10.67	7.40	2.81	9.70	7.40	3.06	9.31	7.21	3.30
	30	22	10.83	8.36	1.68	11.11	7.92	2.19	10.99	7.72	2.85	9.99	7.72	3.09	9.59	7.52	3.34
	32	24	11.04	8.74	1.70	11.32	8.27	2.20	11.20	8.06	2.87	10.18	8.06	3.11	9.77	7.86	3.36
M	20	14	6.48	5.56	0.88	6.64	5.26	1.15	7.29	5.13	1.49	8.44	5.13	1.62	6.36	5.00	1.75
	23	16	7.88	6.52	1.13	8.08	6.17	1.47	8.87	6.02	1.92	8.79	6.02	2.08	7.74	5.87	2.25
	26	18	8.91	7.12	1.35	9.14	6.74	1.75	10.03	6.58	2.28	9.06	6.58	2.48	8.75	6.41	2.68
	27	19	9.97	7.60	1.58	10.23	7.20	2.05	10.12	7.02	2.67	9.20	7.02	2.90	8.83	6.84	3.13
	30	22	10.27	7.93	1.60	10.54	7.51	2.08	10.42	7.32	2.70	9.48	7.32	2.93	9.10	7.13	3.17
	32	24	10.47	8.29	1.61	10.74	7.85	2.09	10.62	7.65	2.72	9.66	7.65	2.95	9.27	7.46	3.19
L	20	14	6.33	5.44	0.86	6.50	5.15	1.12	7.13	5.02	1.46	8.26	5.02	1.58	6.22	4.89	1.71
	23	16	7.71	6.38	1.11	7.91	6.04	1.44	8.68	5.89	1.87	8.60	5.89	2.04	7.57	5.74	2.20
	26	18	8.72	6.97	1.32	8.94	6.60	1.72	9.81	6.43	2.23	8.87	6.43	2.42	8.56	6.27	2.62
	27	19	9.76	7.44	1.54	10.01	7.04	2.01	9.90	6.87	2.61	9.00	6.87	2.84	8.64	6.69	3.06
	30	22	10.05	7.76	1.56	10.31	7.35	2.03	10.20	7.16	2.64	9.27	7.16	2.87	8.90	6.98	3.10
	32	24	10.24	8.11	1.57	10.50	7.68	2.05	10.39	7.48	2.66	9.45	7.48	2.89	9.07	7.29	3.12

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	8.82	2.91	8.79	2.99	8.76	3.10	8.76	3.21	8.73	3.30
	-5	-5.6	9.83	3.10	9.80	3.18	9.77	3.28	9.77	3.37	9.75	3.44
	0	-0.7	10.84	3.26	10.82	3.32	10.78	3.42	10.78	3.51	10.76	3.57
	7	6.0	12.06	3.42	12.03	3.48	12.00	3.55	11.54	3.43	10.88	3.21
	10	8.0	12.42	3.51	12.39	3.55	12.00	3.48	11.54	3.20	10.88	3.00

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
H	-10	-11.0	8.55	2.82	8.53	2.90	8.50	3.01	8.50	3.12	8.47	3.20
	-5	-5.6	9.54	3.01	9.51	3.08	9.48	3.18	9.48	3.27	9.45	3.34
	0	-0.7	10.52	3.16	10.49	3.22	10.46	3.31	10.46	3.40	10.43	3.46
	7	6.0	11.70	3.31	11.67	3.37	11.64	3.44	11.19	3.33	10.55	3.12
	10	8.0	12.05	3.40	12.02	3.44	11.64	3.38	11.19	3.10	10.55	2.91
M	-10	-11.0	8.11	2.67	8.09	2.75	8.06	2.85	8.06	2.96	8.03	3.04
	-5	-5.6	9.05	2.85	9.02	2.92	8.99	3.01	8.99	3.10	8.97	3.17
	0	-0.7	9.98	3.00	9.95	3.05	9.92	3.14	9.92	3.23	9.90	3.28
	7	6.0	11.09	3.14	11.07	3.20	11.04	3.27	10.62	3.16	10.01	2.96
	10	8.0	11.43	3.23	11.40	3.27	11.04	3.20	10.62	2.94	10.01	2.76
L	-10	-11.0	7.94	2.61	7.91	2.69	7.89	2.79	7.89	2.89	7.86	2.97
	-5	-5.6	8.85	2.79	8.82	2.86	8.80	2.95	8.80	3.04	8.77	3.10
	0	-0.7	9.76	2.93	9.73	2.99	9.71	3.08	9.71	3.16	9.68	3.21
	7	6.0	10.85	3.08	10.83	3.13	10.80	3.20	10.39	3.09	9.79	2.89
	10	8.0	11.18	3.16	11.15	3.20	10.80	3.13	10.39	2.88	9.79	2.70

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD125T/A-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	8.52	7.47	1.25	8.73	7.07	1.62	9.58	6.89	2.11	8.71	6.89	2.29	8.36	6.72	2.47
	23	16	10.36	8.76	1.60	10.63	8.30	2.08	11.66	8.09	2.71	10.60	8.09	2.94	10.18	7.88	3.18
	26	18	11.72	9.57	1.91	12.02	9.06	2.48	13.19	8.83	3.22	11.99	8.83	3.50	11.51	8.61	3.78
	27	19	13.12	10.22	2.23	13.45	9.67	2.90	13.31	9.43	3.77	12.1	9.43	4.1	11.62	9.19	4.43
	30	22	13.51	10.65	2.26	13.86	10.09	2.94	13.71	9.83	3.82	12.46	9.83	4.15	11.97	9.58	4.48
	32	24	13.77	11.13	2.28	14.12	10.54	2.96	13.97	10.27	3.84	12.70	10.27	4.18	12.19	10.02	4.51

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
H	20	14	8.26	7.24	1.21	8.47	6.86	1.57	9.30	6.69	2.04	10.77	6.69	2.22	8.11	6.52	2.40
	23	16	10.05	8.50	1.56	10.31	8.05	2.02	11.31	7.84	2.63	11.21	7.84	2.86	9.87	7.65	3.08
	26	18	11.37	9.28	1.85	11.66	8.79	2.41	12.80	8.57	3.13	11.56	8.57	3.40	11.17	8.35	3.67
	27	19	12.72	9.91	2.17	13.05	9.38	2.82	12.91	9.15	3.66	11.74	9.15	3.98	11.27	8.92	4.30
	30	22	13.11	10.33	2.19	13.44	9.78	2.85	13.30	9.54	3.70	12.09	9.54	4.02	11.61	9.30	4.35
	32	24	13.35	10.80	2.21	13.70	10.22	2.87	13.55	9.97	3.73	12.32	9.97	4.05	11.83	9.72	4.38
M	20	14	7.84	6.87	1.15	8.04	6.51	1.49	8.82	6.34	1.94	10.21	6.34	2.11	7.70	6.18	2.28
	23	16	9.54	8.06	1.48	9.78	7.63	1.92	10.73	7.44	2.49	10.64	7.44	2.71	9.37	7.25	2.93
	26	18	10.78	8.80	1.76	11.06	8.34	2.28	12.14	8.13	2.97	10.97	8.13	3.22	10.59	7.92	3.48
	27	19	12.07	9.40	2.05	12.38	8.90	2.67	12.25	8.68	3.47	11.13	8.68	3.77	10.69	8.46	4.07
	30	22	12.43	9.80	2.08	12.75	9.28	2.70	12.61	9.05	3.51	11.47	9.05	3.82	11.01	8.82	4.12
	32	24	12.67	10.24	2.09	12.99	9.70	2.72	12.85	9.45	3.54	11.68	9.45	3.84	11.22	9.21	4.15
L	20	14	7.67	6.72	1.12	7.86	6.36	1.46	8.63	6.20	1.90	9.99	6.20	2.06	7.53	6.05	2.23
	23	16	9.33	7.88	1.44	9.57	7.47	1.88	10.50	7.28	2.44	10.40	7.28	2.65	9.16	7.09	2.86
	26	18	10.55	8.61	1.72	10.82	8.15	2.23	11.87	7.95	2.90	10.73	7.95	3.15	10.36	7.75	3.41
	27	19	11.81	9.19	2.01	12.11	8.71	2.61	11.98	8.49	3.40	10.89	8.49	3.69	10.46	8.27	3.99
	30	22	12.16	9.59	2.03	12.47	9.08	2.64	12.34	8.85	3.44	11.22	8.85	3.73	10.77	8.63	4.03
	32	24	12.39	10.02	2.05	12.71	9.49	2.66	12.57	9.25	3.46	11.43	9.25	3.76	10.97	9.01	4.06

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	9.92	3.44	9.89	3.54	9.86	3.67	9.86	3.80	9.82	3.91
	-5	-5.6	11.06	3.67	11.03	3.76	11.00	3.88	11.00	3.99	10.96	4.07
	0	-0.7	12.20	3.85	12.17	3.93	12.13	4.04	12.13	4.15	12.10	4.22
	7	6.0	13.57	4.04	13.53	4.12	13.50	4.20	12.98	4.06	12.24	3.80
	10	8.0	13.97	4.15	13.94	4.20	13.50	4.12	12.98	3.78	12.24	3.55
H	-10	-11.0	9.62	3.33	9.59	3.43	9.56	3.56	9.56	3.69	9.53	3.79
	-5	-5.6	10.73	3.56	10.70	3.65	10.67	3.76	10.67	3.87	10.63	3.95
	0	-0.7	11.83	3.74	11.80	3.81	11.77	3.92	11.77	4.02	11.74	4.09
	7	6.0	13.16	3.92	13.13	3.99	13.10	4.07	12.59	3.94	11.87	3.69
	10	8.0	13.55	4.02	13.52	4.08	13.10	3.99	12.59	3.67	11.87	3.45
M	-10	-11.0	9.13	3.16	9.10	3.26	9.07	3.37	9.07	3.50	9.04	3.60
	-5	-5.6	10.18	3.37	10.14	3.46	10.12	3.57	10.12	3.67	10.09	3.75
	0	-0.7	11.22	3.55	11.19	3.61	11.16	3.72	11.16	3.82	11.13	3.88
	7	6.0	12.48	3.72	12.45	3.79	12.42	3.86	11.94	3.74	11.26	3.50
	10	8.0	12.85	3.82	12.82	3.87	12.42	3.79	11.94	3.48	11.26	3.27

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
L	-10	-11.0	8.93	3.09	8.90	3.19	8.87	3.30	8.87	3.42	8.84	3.52
	-5	-5.6	9.96	3.30	9.92	3.38	9.90	3.49	9.90	3.59	9.87	3.67
	0	-0.7	10.98	3.47	10.95	3.53	10.92	3.64	10.92	3.73	10.89	3.80
	7	6.0	12.21	3.64	12.18	3.70	12.15	3.78	11.68	3.66	11.01	3.42
	10	8.0	12.57	3.73	12.54	3.78	12.15	3.71	11.68	3.40	11.01	3.20

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD140T/A-T
Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	9.43	8.00	1.41	9.67	7.57	1.84	10.61	7.38	2.39	9.65	7.38	2.60	9.26	7.20	2.80
	23	16	11.48	9.38	1.82	11.77	8.88	2.36	12.92	8.66	3.07	11.74	8.66	3.34	11.27	8.44	3.61
	26	18	12.98	10.25	2.16	13.31	9.70	2.81	14.61	9.46	3.66	13.28	9.46	3.97	12.75	9.22	4.29
	27	19	14.53	10.94	2.53	14.90	10.36	3.29	14.74	10.10	4.28	13.4	10.1	4.65	12.86	9.85	5.02
	30	22	14.96	11.41	2.56	15.34	10.80	3.33	15.18	10.53	4.33	13.80	10.53	4.71	13.25	10.27	5.08
	32	24	15.25	11.92	2.58	15.64	11.29	3.35	15.47	11.01	4.36	14.06	11.01	4.74	13.50	10.73	5.12
H	20	14	9.15	7.76	1.37	9.38	7.35	1.78	10.29	7.16	2.32	11.92	7.16	2.52	8.99	6.98	2.72
	23	16	11.13	9.10	1.76	11.42	8.62	2.29	12.53	8.40	2.98	12.42	8.40	3.24	10.94	8.19	3.50
	26	18	12.59	9.94	2.10	12.91	9.41	2.73	14.17	9.18	3.55	12.80	9.18	3.86	12.37	8.94	4.16
	27	19	14.09	10.61	2.46	14.45	10.05	3.19	14.30	9.80	4.15	13.00	9.80	4.51	12.48	9.55	4.87
	30	22	14.51	11.07	2.49	14.88	10.48	3.23	14.73	10.22	4.20	13.39	10.22	4.56	12.85	9.96	4.93
	32	24	14.79	11.56	2.50	15.17	10.95	3.25	15.01	10.67	4.23	13.64	10.67	4.60	13.10	10.41	4.96
M	20	14	8.68	7.36	1.30	8.90	6.97	1.69	9.76	6.79	2.20	11.31	6.79	2.39	8.52	6.62	2.58
	23	16	10.56	8.63	1.67	10.83	8.17	2.17	11.88	7.97	2.83	11.78	7.97	3.07	10.37	7.77	3.32
	26	18	11.94	9.43	1.99	12.25	8.93	2.59	13.44	8.70	3.36	12.14	8.70	3.66	11.73	8.48	3.95
	27	19	13.36	10.07	2.33	13.71	9.53	3.03	13.56	9.29	3.94	12.33	9.29	4.28	11.84	9.06	4.62
	30	22	13.77	10.50	2.36	14.12	9.94	3.06	13.97	9.69	3.98	12.70	9.69	4.33	12.19	9.44	4.68
	32	24	14.03	10.97	2.37	14.39	10.39	3.09	14.23	10.12	4.01	12.94	10.12	4.36	12.42	9.87	4.71

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
L	20	14	8.49	7.20	1.27	8.71	6.82	1.65	9.55	6.65	2.15	11.06	6.65	2.34	8.34	6.48	2.52
	23	16	10.33	8.44	1.64	10.59	8.00	2.13	11.62	7.79	2.77	11.52	7.79	3.01	10.15	7.60	3.25
	26	18	11.68	9.22	1.95	11.98	8.73	2.53	13.15	8.51	3.29	11.88	8.51	3.58	11.48	8.30	3.86
	27	19	13.07	9.85	2.28	13.41	9.32	2.96	13.27	9.09	3.85	12.06	9.09	4.19	11.58	8.86	4.52
	30	22	13.47	10.27	2.31	13.81	9.72	3.00	13.66	9.48	3.90	12.42	9.48	4.24	11.93	9.24	4.57
	32	24	13.72	10.73	2.32	14.07	10.16	3.02	13.92	9.90	3.92	12.66	9.90	4.26	12.15	9.65	4.61

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	11.39	3.56	11.35	3.67	11.32	3.80	11.32	3.94	11.28	4.05
	-5	-5.6	12.70	3.80	12.66	3.89	12.62	4.01	12.62	4.13	12.59	4.22
	0	-0.7	14.01	3.99	13.97	4.07	13.93	4.19	13.93	4.30	13.89	4.37
	7	6.0	15.58	4.19	15.54	4.26	15.50	4.35	14.90	4.21	14.05	3.94
	10	8.0	16.04	4.30	16.00	4.35	15.50	4.26	14.90	3.92	14.05	3.68
H	-10	-11.0	11.05	3.45	11.01	3.56	10.98	3.68	10.98	3.82	10.94	3.93
	-5	-5.6	12.32	3.68	12.28	3.78	12.25	3.89	12.25	4.01	12.21	4.09
	0	-0.7	13.59	3.87	13.55	3.95	13.51	4.06	13.51	4.17	13.48	4.24
	7	6.0	15.11	4.06	15.07	4.14	15.04	4.22	14.46	4.08	13.63	3.82
	10	8.0	15.56	4.17	15.52	4.22	15.04	4.14	14.46	3.80	13.63	3.57
M	-10	-11.0	10.48	3.28	10.45	3.37	10.41	3.49	10.41	3.62	10.38	3.72
	-5	-5.6	11.68	3.49	11.65	3.58	11.61	3.69	11.61	3.80	11.58	3.88
	0	-0.7	12.89	3.67	12.85	3.74	12.82	3.85	12.82	3.95	12.78	4.02
	7	6.0	14.33	3.85	14.30	3.92	14.26	4.00	13.71	3.87	12.93	3.62
	10	8.0	14.76	3.95	14.72	4.00	14.26	3.92	13.71	3.60	12.93	3.38
L	-10	-11.0	10.25	3.20	10.22	3.30	10.19	3.42	10.19	3.54	10.15	3.64
	-5	-5.6	11.43	3.42	11.39	3.51	11.36	3.61	11.36	3.72	11.33	3.80
	0	-0.7	12.61	3.59	12.57	3.66	12.54	3.77	12.54	3.87	12.50	3.93
	7	6.0	14.02	3.77	13.99	3.84	13.95	3.92	13.41	3.79	12.64	3.54
	10	8.0	14.44	3.87	14.40	3.92	13.95	3.84	13.41	3.53	12.64	3.31

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	7.5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD160T/A-T
Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	10.21	8.42	1.58	10.47	7.97	2.06	11.48	7.77	2.67	10.44	7.77	2.90	10.02	7.57	3.14
	23	16	12.42	9.88	2.03	12.74	9.35	2.64	13.98	9.12	3.44	12.71	9.12	3.73	12.20	8.89	4.03
	26	18	14.05	10.79	2.42	14.41	10.21	3.15	15.81	9.96	4.09	14.37	9.96	4.44	13.80	9.71	4.80
	27	19	15.72	11.52	2.83	16.12	10.90	3.68	15.95	10.63	4.79	14.5	10.63	5.20	13.92	10.36	5.62
	30	22	16.19	12.01	2.87	16.60	11.37	3.73	16.43	11.08	4.84	14.94	11.08	5.26	14.34	10.80	5.68
	32	24	16.50	12.55	2.89	16.92	11.88	3.75	16.74	11.58	4.88	15.22	11.58	5.30	14.61	11.29	5.72
H	20	14	9.90	8.17	1.53	10.15	7.73	1.99	11.14	7.54	2.59	12.90	7.54	2.82	9.72	7.35	3.04
	23	16	12.05	9.58	1.97	12.36	9.07	2.56	13.56	8.84	3.33	13.44	8.84	3.62	11.83	8.62	3.91
	26	18	13.63	10.46	2.35	13.97	9.91	3.05	15.33	9.66	3.97	13.85	9.66	4.31	13.38	9.41	4.66
	27	19	15.25	11.17	2.75	15.64	10.58	3.57	15.47	10.31	4.64	14.07	10.31	5.04	13.50	10.05	5.45
	30	22	15.71	11.65	2.78	16.11	11.03	3.61	15.94	10.75	4.70	14.49	10.75	5.10	13.91	10.48	5.51
	32	24	16.00	12.17	2.80	16.41	11.52	3.64	16.24	11.24	4.73	14.76	11.24	5.14	14.17	10.95	5.55
M	20	14	9.39	7.75	1.45	9.63	7.33	1.89	10.57	7.15	2.46	12.24	7.15	2.67	9.22	6.97	2.89
	23	16	11.43	9.09	1.87	11.72	8.60	2.43	12.86	8.39	3.16	12.75	8.39	3.44	11.22	8.17	3.71
	26	18	12.92	9.92	2.23	13.25	9.40	2.89	14.54	9.16	3.76	13.14	9.16	4.09	12.69	8.93	4.42
	27	19	14.46	10.59	2.60	14.83	10.03	3.39	14.67	9.78	4.40	13.34	9.78	4.78	12.81	9.53	5.17
	30	22	14.90	11.05	2.64	15.28	10.46	3.43	15.11	10.20	4.46	13.74	10.20	4.84	13.19	9.94	5.23
	32	24	15.18	11.54	2.65	15.57	10.93	3.45	15.40	10.66	4.49	14.00	10.66	4.88	13.44	10.39	5.27
L	20	14	9.19	7.58	1.42	9.42	7.17	1.85	10.34	6.99	2.41	11.97	6.99	2.61	9.02	6.82	2.82
	23	16	11.18	8.89	1.83	11.46	8.42	2.38	12.58	8.20	3.09	12.47	8.20	3.36	10.98	8.00	3.63
	26	18	12.64	9.71	2.18	12.97	9.19	2.83	14.23	8.96	3.68	12.85	8.96	4.00	12.42	8.73	4.32
	27	19	14.15	10.36	2.55	14.51	9.81	3.31	14.36	9.57	4.31	13.05	9.57	4.68	12.53	9.33	5.05
	30	22	14.57	10.81	2.58	14.94	10.23	3.35	14.79	9.98	4.36	13.44	9.98	4.74	12.90	9.72	5.12
	32	24	14.85	11.29	2.60	15.23	10.69	3.38	15.07	10.42	4.39	13.70	10.42	4.77	13.15	10.16	5.15

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	12.49	3.93	12.45	4.05	12.41	4.19	12.41	4.35	12.37	4.47
	-5	-5.6	13.93	4.19	13.89	4.30	13.85	4.43	13.85	4.56	13.81	4.66
	0	-0.7	15.36	4.41	15.32	4.49	15.28	4.62	15.28	4.74	15.24	4.82
	7	6.0	17.08	4.62	17.04	4.70	17.00	4.80	16.35	4.64	15.41	4.35
	10	8.0	17.59	4.74	17.55	4.80	17.00	4.71	16.35	4.32	15.41	4.06

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
H	-10	-11.0	12.12	3.81	12.08	3.92	12.04	4.06	12.04	4.22	12.00	4.33
	-5	-5.6	13.51	4.06	13.47	4.17	13.43	4.30	13.43	4.42	13.39	4.52
	0	-0.7	14.90	4.27	14.86	4.35	14.82	4.48	14.82	4.60	14.78	4.68
	7	6.0	16.57	4.48	16.53	4.56	16.49	4.66	15.86	4.51	14.95	4.21
	10	8.0	17.07	4.60	17.03	4.66	16.49	4.56	15.86	4.19	14.95	3.94
M	-10	-11.0	11.49	3.61	11.46	3.72	11.42	3.85	11.42	4.00	11.38	4.11
	-5	-5.6	12.81	3.85	12.77	3.95	12.74	4.07	12.74	4.20	12.70	4.28
	0	-0.7	14.13	4.05	14.10	4.13	14.06	4.25	14.06	4.36	14.02	4.44
	7	6.0	15.72	4.25	15.68	4.33	15.64	4.42	15.04	4.27	14.18	4.00
	10	8.0	16.19	4.36	16.15	4.42	15.64	4.33	15.04	3.98	14.18	3.73
L	-10	-11.0	11.24	3.54	11.21	3.64	11.17	3.77	11.17	3.91	11.13	4.02
	-5	-5.6	12.54	3.77	12.50	3.87	12.46	3.99	12.46	4.10	12.43	4.19
	0	-0.7	13.83	3.96	13.79	4.04	13.75	4.16	13.75	4.27	13.71	4.34
	7	6.0	15.37	4.16	15.34	4.23	15.30	4.32	14.71	4.18	13.87	3.91
	10	8.0	15.83	4.27	15.80	4.32	15.30	4.24	14.71	3.89	13.87	3.65

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	7.5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

6.1.2 Duct Type

GUD35P/A-T,GUD35PS/A-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	2.46	2.24	0.29	2.53	2.12	0.38	2.77	2.07	0.49	2.52	2.07	0.53	2.42	2.02	0.57
	23	16	3.00	2.63	0.37	3.07	2.49	0.48	3.37	2.43	0.63	3.07	2.43	0.68	2.94	2.37	0.74
	26	18	3.39	2.87	0.44	3.48	2.72	0.57	3.82	2.65	0.75	3.47	2.65	0.81	3.33	2.58	0.88
	27	19	3.79	3.07	0.52	3.89	2.90	0.67	3.85	2.83	0.87	3.5	2.83	0.95	3.36	2.76	1.03
	30	22	3.91	3.20	0.52	4.01	3.03	0.68	3.97	2.95	0.88	3.61	2.95	0.96	3.46	2.88	1.04
	32	24	3.98	3.34	0.53	4.08	3.16	0.69	4.04	3.08	0.89	3.67	3.08	0.97	3.53	3.01	1.05

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
H	20	14	2.39	2.17	0.28	2.45	2.06	0.36	2.69	2.01	0.47	3.11	2.01	0.51	2.35	1.96	0.56
	23	16	2.91	2.55	0.36	2.98	2.41	0.47	3.27	2.35	0.61	3.24	2.35	0.66	2.86	2.29	0.71
	26	18	3.29	2.79	0.43	3.37	2.64	0.56	3.70	2.57	0.72	3.34	2.57	0.79	3.23	2.51	0.85
	27	19	3.68	2.97	0.50	3.77	2.82	0.65	3.73	2.75	0.85	3.40	2.75	0.92	3.26	2.68	1.00
	30	22	3.79	3.10	0.51	3.89	2.94	0.66	3.85	2.86	0.86	3.50	2.86	0.93	3.36	2.79	1.01
	32	24	3.86	3.24	0.51	3.96	3.07	0.66	3.92	2.99	0.86	3.56	2.99	0.94	3.42	2.92	1.01
M	20	14	2.27	2.06	0.27	2.32	1.95	0.35	2.55	1.90	0.45	2.95	1.90	0.49	2.23	1.86	0.53
	23	16	2.76	2.42	0.34	2.83	2.29	0.44	3.10	2.23	0.58	3.08	2.23	0.63	2.71	2.18	0.68
	26	18	3.12	2.64	0.41	3.20	2.50	0.53	3.51	2.44	0.69	3.17	2.44	0.75	3.06	2.38	0.81
	27	19	3.49	2.82	0.48	3.58	2.67	0.62	3.54	2.60	0.80	3.22	2.60	0.87	3.09	2.54	0.94
	30	22	3.60	2.94	0.48	3.69	2.78	0.63	3.65	2.71	0.81	3.32	2.71	0.88	3.18	2.65	0.96
	32	24	3.66	3.07	0.48	3.76	2.91	0.63	3.72	2.84	0.82	3.38	2.84	0.89	3.24	2.77	0.96
L	20	14	2.22	2.02	0.26	2.27	1.91	0.34	2.49	1.86	0.44	2.89	1.86	0.48	2.18	1.81	0.52
	23	16	2.70	2.37	0.33	2.77	2.24	0.43	3.04	2.18	0.57	3.01	2.18	0.61	2.65	2.13	0.66
	26	18	3.05	2.58	0.40	3.13	2.45	0.52	3.43	2.39	0.67	3.10	2.39	0.73	3.00	2.33	0.79
	27	19	3.41	2.76	0.47	3.50	2.61	0.61	3.47	2.55	0.79	3.15	2.55	0.86	3.02	2.48	0.92
	30	22	3.52	2.88	0.47	3.61	2.72	0.61	3.57	2.66	0.80	3.24	2.66	0.87	3.11	2.59	0.93
	32	24	3.58	3.01	0.47	3.68	2.85	0.62	3.64	2.78	0.80	3.31	2.78	0.87	3.17	2.71	0.94

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	2.94	0.86	2.93	0.89	2.92	0.92	2.92	0.95	2.91	0.98
	-5	-5.6	3.28	0.92	3.27	0.94	3.26	0.97	3.26	1.00	3.25	1.02
	0	-0.7	3.61	0.96	3.61	0.98	3.59	1.01	3.59	1.04	3.59	1.06
	7	6.0	4.02	1.01	4.01	1.03	4.00	1.05	3.85	1.02	3.63	0.95
	10	8.0	4.14	1.04	4.13	1.05	4.00	1.03	3.85	0.95	3.63	0.89
H	-10	-11.0	2.85	0.83	2.84	0.86	2.83	0.89	2.83	0.92	2.82	0.95
	-5	-5.6	3.18	0.89	3.17	0.91	3.16	0.94	3.16	0.97	3.15	0.99
	0	-0.7	3.51	0.93	3.50	0.95	3.49	0.98	3.49	1.01	3.48	1.02
	7	6.0	3.90	0.98	3.89	1.00	3.88	1.02	3.73	0.99	3.52	0.92
	10	8.0	4.02	1.01	4.01	1.02	3.88	1.00	3.73	0.92	3.52	0.86
M	-10	-11.0	2.70	0.79	2.70	0.81	2.69	0.84	2.69	0.87	2.68	0.90
	-5	-5.6	3.02	0.84	3.01	0.86	3.00	0.89	3.00	0.92	2.99	0.94
	0	-0.7	3.33	0.89	3.32	0.90	3.31	0.93	3.31	0.95	3.30	0.97
	7	6.0	3.70	0.93	3.69	0.95	3.68	0.97	3.54	0.93	3.34	0.87
	10	8.0	3.81	0.95	3.80	0.97	3.68	0.95	3.54	0.87	3.34	0.82

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
L	-10	-11.0	2.65	0.77	2.64	0.80	2.63	0.82	2.63	0.86	2.62	0.88
	-5	-5.6	2.95	0.82	2.94	0.85	2.93	0.87	2.93	0.90	2.92	0.92
	0	-0.7	3.25	0.87	3.24	0.88	3.24	0.91	3.24	0.93	3.23	0.95
	7	6.0	3.62	0.91	3.61	0.93	3.60	0.95	3.46	0.91	3.26	0.86
	10	8.0	3.73	0.93	3.72	0.95	3.60	0.93	3.46	0.85	3.26	0.80

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD50P/A-T,GUD50PS/A-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	3.52	3.01	0.47	3.61	2.85	0.61	3.96	2.78	0.80	3.60	2.78	0.87	3.46	2.71	0.93
	23	16	4.28	3.53	0.61	4.39	3.34	0.79	4.82	3.26	1.02	4.38	3.26	1.11	4.21	3.18	1.20
	26	18	4.84	3.86	0.72	4.97	3.65	0.94	5.45	3.56	1.22	4.96	3.56	1.32	4.76	3.47	1.43
	27	19	5.42	4.12	0.84	5.56	3.90	1.10	5.50	3.80	1.43	5	3.8	1.55	4.80	3.70	1.67
	30	22	5.58	4.29	0.85	5.73	4.06	1.11	5.67	3.96	1.44	5.15	3.96	1.57	4.94	3.86	1.69
	32	24	5.69	4.49	0.86	5.83	4.25	1.12	5.77	4.14	1.45	5.25	4.14	1.58	5.04	4.04	1.71
H	20	14	3.41	2.92	0.46	3.50	2.76	0.59	3.84	2.69	0.77	4.45	2.69	0.84	3.35	2.63	0.91
	23	16	4.15	3.42	0.59	4.26	3.24	0.76	4.67	3.16	0.99	4.63	3.16	1.08	4.08	3.08	1.17
	26	18	4.70	3.74	0.70	4.82	3.54	0.91	5.29	3.45	1.18	4.78	3.45	1.29	4.61	3.37	1.39
	27	19	5.26	3.99	0.82	5.39	3.78	1.06	5.34	3.69	1.38	4.85	3.69	1.50	4.66	3.59	1.62
	30	22	5.42	4.16	0.83	5.55	3.94	1.08	5.50	3.84	1.40	5.00	3.84	1.52	4.80	3.75	1.64
	32	24	5.52	4.35	0.83	5.66	4.12	1.08	5.60	4.02	1.41	5.09	4.02	1.53	4.89	3.91	1.65
M	20	14	3.24	2.77	0.43	3.32	2.62	0.56	3.64	2.56	0.73	4.22	2.56	0.80	3.18	2.49	0.86
	23	16	3.94	3.25	0.56	4.04	3.08	0.72	4.43	3.00	0.94	4.40	3.00	1.02	3.87	2.92	1.11
	26	18	4.46	3.55	0.66	4.57	3.36	0.86	5.01	3.27	1.12	4.53	3.27	1.22	4.38	3.19	1.32
	27	19	4.99	3.79	0.78	5.11	3.59	1.01	5.06	3.50	1.31	4.60	3.50	1.43	4.42	3.41	1.54
	30	22	5.14	3.95	0.79	5.27	3.74	1.02	5.21	3.65	1.33	4.74	3.65	1.44	4.55	3.55	1.56
	32	24	5.23	4.13	0.79	5.37	3.91	1.03	5.31	3.81	1.34	4.83	3.81	1.45	4.64	3.71	1.57

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
L	20	14	3.17	2.71	0.42	3.25	2.56	0.55	3.56	2.50	0.72	4.13	2.50	0.78	3.11	2.44	0.84
	23	16	3.85	3.18	0.55	3.95	3.01	0.71	4.34	2.93	0.92	4.30	2.93	1.00	3.79	2.86	1.08
	26	18	4.36	3.47	0.65	4.47	3.29	0.84	4.91	3.20	1.10	4.43	3.20	1.19	4.28	3.12	1.29
	27	19	4.88	3.71	0.76	5.00	3.51	0.99	4.95	3.42	1.28	4.50	3.42	1.40	4.32	3.33	1.51
	30	22	5.02	3.86	0.77	5.15	3.66	1.00	5.10	3.57	1.30	4.64	3.57	1.41	4.45	3.48	1.52
	32	24	5.12	4.04	0.77	5.25	3.82	1.01	5.20	3.73	1.31	4.72	3.73	1.42	4.53	3.63	1.54

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	4.04	1.19	4.03	1.22	4.02	1.27	4.02	1.31	4.00	1.35
	-5	-5.6	4.51	1.27	4.49	1.30	4.48	1.34	4.48	1.38	4.47	1.41
	0	-0.7	4.97	1.33	4.96	1.36	4.94	1.40	4.94	1.43	4.93	1.46
	7	6.0	5.53	1.40	5.51	1.42	5.50	1.45	5.29	1.40	4.99	1.31
	10	8.0	5.69	1.43	5.68	1.45	5.50	1.42	5.29	1.31	4.99	1.23
H	-10	-11.0	3.92	1.15	3.91	1.19	3.90	1.23	3.90	1.27	3.88	1.31
	-5	-5.6	4.37	1.23	4.36	1.26	4.35	1.30	4.35	1.34	4.33	1.36
	0	-0.7	4.82	1.29	4.81	1.32	4.79	1.35	4.79	1.39	4.78	1.41
	7	6.0	5.36	1.35	5.35	1.38	5.34	1.41	5.13	1.36	4.84	1.27
	10	8.0	5.52	1.39	5.51	1.41	5.34	1.38	5.13	1.27	4.84	1.19
M	-10	-11.0	3.72	1.09	3.71	1.12	3.69	1.16	3.69	1.21	3.68	1.24
	-5	-5.6	4.15	1.16	4.13	1.19	4.12	1.23	4.12	1.27	4.11	1.29
	0	-0.7	4.57	1.22	4.56	1.25	4.55	1.28	4.55	1.32	4.54	1.34
	7	6.0	5.08	1.28	5.07	1.31	5.06	1.33	4.87	1.29	4.59	1.21
	10	8.0	5.24	1.32	5.22	1.33	5.06	1.31	4.87	1.20	4.59	1.13
L	-10	-11.0	3.64	1.07	3.63	1.10	3.61	1.14	3.61	1.18	3.60	1.21
	-5	-5.6	4.06	1.14	4.04	1.17	4.03	1.20	4.03	1.24	4.02	1.27
	0	-0.7	4.47	1.20	4.46	1.22	4.45	1.26	4.45	1.29	4.44	1.31
	7	6.0	4.97	1.26	4.96	1.28	4.95	1.31	4.76	1.26	4.49	1.18
	10	8.0	5.12	1.29	5.11	1.31	4.95	1.28	4.76	1.18	4.49	1.10

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

U-Match 5 SERIES AIR CONDITIONERS TSG

GUD71P/A-T,GUD71PS/A-T Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	4.93	4.44	0.64	5.05	4.20	0.83	5.54	4.09	1.08	5.04	4.09	1.17	4.84	3.99	1.27
	23	16	6.00	5.20	0.82	6.15	4.93	1.07	6.75	4.80	1.39	6.13	4.80	1.51	5.89	4.68	1.63
	26	18	6.78	5.68	0.98	6.95	5.38	1.27	7.63	5.25	1.65	6.94	5.25	1.79	6.66	5.11	1.94
	27	19	7.59	6.07	1.14	7.78	5.74	1.49	7.70	5.60	1.93	7	5.6	2.10	6.72	5.46	2.27
	30	22	7.82	6.33	1.16	8.02	5.99	1.50	7.93	5.84	1.96	7.21	5.84	2.13	6.92	5.69	2.30
	32	24	7.96	6.61	1.17	8.17	6.26	1.51	8.08	6.10	1.97	7.35	6.10	2.14	7.05	5.95	2.31
H	20	14	4.78	4.30	0.62	4.90	4.07	0.81	5.38	3.97	1.05	6.23	3.97	1.14	4.69	3.87	1.23
	23	16	5.82	5.05	0.80	5.96	4.78	1.04	6.54	4.66	1.35	6.49	4.66	1.46	5.71	4.54	1.58
	26	18	6.58	5.51	0.95	6.75	5.22	1.23	7.40	5.09	1.60	6.69	5.09	1.74	6.46	4.96	1.88
	27	19	7.36	5.88	1.11	7.55	5.57	1.44	7.47	5.43	1.87	6.79	5.43	2.04	6.52	5.29	2.20
	30	22	7.58	6.14	1.12	7.78	5.81	1.46	7.69	5.66	1.90	6.99	5.66	2.06	6.71	5.52	2.23
	32	24	7.73	6.41	1.13	7.92	6.07	1.47	7.84	5.92	1.91	7.13	5.92	2.08	6.84	5.77	2.24
M	20	14	4.53	4.08	0.59	4.65	3.86	0.76	5.10	3.77	0.99	5.91	3.77	1.08	4.45	3.67	1.17
	23	16	5.52	4.79	0.76	5.66	4.53	0.98	6.21	4.42	1.28	6.15	4.42	1.39	5.42	4.31	1.50
	26	18	6.24	5.23	0.90	6.40	4.95	1.17	7.02	4.83	1.52	6.34	4.83	1.65	6.13	4.70	1.78
	27	19	6.98	5.58	1.05	7.16	5.28	1.37	7.08	5.15	1.78	6.44	5.15	1.93	6.18	5.02	2.09
	30	22	7.19	5.82	1.06	7.37	5.51	1.38	7.30	5.37	1.80	6.63	5.37	1.96	6.37	5.24	2.11
	32	24	7.33	6.08	1.07	7.51	5.76	1.39	7.44	5.61	1.81	6.76	5.61	1.97	6.49	5.47	2.13
L	20	14	4.43	3.99	0.57	4.55	3.78	0.75	4.99	3.68	0.97	5.78	3.68	1.06	4.36	3.59	1.14
	23	16	5.40	4.68	0.74	5.53	4.43	0.96	6.07	4.32	1.25	6.02	4.32	1.36	5.30	4.21	1.47
	26	18	6.10	5.11	0.88	6.26	4.84	1.14	6.87	4.72	1.49	6.21	4.72	1.62	5.99	4.60	1.74
	27	19	6.83	5.46	1.03	7.00	5.17	1.34	6.93	5.04	1.74	6.30	5.04	1.89	6.05	4.91	2.04
	30	22	7.03	5.69	1.04	7.21	5.39	1.35	7.14	5.26	1.76	6.49	5.26	1.91	6.23	5.12	2.07
	32	24	7.17	5.95	1.05	7.35	5.63	1.36	7.27	5.49	1.77	6.61	5.49	1.93	6.35	5.35	2.08

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	5.88	1.84	5.86	1.90	5.84	1.96	5.84	2.04	5.82	2.09
	-5	-5.6	6.55	1.96	6.53	2.01	6.52	2.08	6.52	2.14	6.50	2.18
	0	-0.7	7.23	2.06	7.21	2.10	7.19	2.17	7.19	2.22	7.17	2.26
	7	6.0	8.04	2.17	8.02	2.21	8.00	2.25	7.69	2.18	7.25	2.04
	10	8.0	8.28	2.22	8.26	2.25	8.00	2.21	7.69	2.03	7.25	1.90

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
H	-10	-11.0	5.70	1.79	5.68	1.84	5.67	1.91	5.67	1.98	5.65	2.03
	-5	-5.6	6.36	1.91	6.34	1.95	6.32	2.01	6.32	2.07	6.30	2.12
	0	-0.7	7.01	2.00	6.99	2.04	6.97	2.10	6.97	2.16	6.96	2.19
	7	6.0	7.80	2.10	7.78	2.14	7.76	2.18	7.46	2.11	7.03	1.98
	10	8.0	8.03	2.16	8.01	2.18	7.76	2.14	7.46	1.97	7.03	1.85
M	-10	-11.0	5.41	1.69	5.39	1.74	5.37	1.81	5.37	1.87	5.36	1.93
	-5	-5.6	6.03	1.81	6.01	1.85	5.99	1.91	5.99	1.97	5.98	2.01
	0	-0.7	6.65	1.90	6.63	1.94	6.61	1.99	6.61	2.04	6.60	2.08
	7	6.0	7.40	1.99	7.38	2.03	7.36	2.07	7.08	2.00	6.67	1.87
	10	8.0	7.62	2.04	7.60	2.07	7.36	2.03	7.08	1.86	6.67	1.75
L	-10	-11.0	5.29	1.66	5.27	1.71	5.26	1.77	5.26	1.83	5.24	1.88
	-5	-5.6	5.90	1.77	5.88	1.81	5.86	1.87	5.86	1.92	5.85	1.96
	0	-0.7	6.51	1.86	6.49	1.89	6.47	1.95	6.47	2.00	6.45	2.04
	7	6.0	7.24	1.95	7.22	1.98	7.20	2.03	6.92	1.96	6.53	1.83
	10	8.0	7.45	2.00	7.43	2.03	7.20	1.99	6.92	1.82	6.53	1.71

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD71PH/A-T,GUD71PHS/A-T

Cooling

Fan Speed	Indoor Air Temperature(°C)		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
			TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
	DB	WB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	
Turbo	20	14	4.93	4.40	0.59	5.05	4.16	0.77	5.54	4.06	1.00	5.04	4.06	1.08	4.84	3.95	1.17
	23	16	6.00	5.16	0.76	6.15	4.88	0.99	6.75	4.76	1.28	6.13	4.76	1.39	5.89	4.64	1.50
	26	18	6.78	5.63	0.90	6.95	5.33	1.17	7.63	5.20	1.53	6.94	5.20	1.66	6.66	5.07	1.79
	27	19	7.59	6.01	1.06	7.78	5.69	1.37	7.70	5.55	1.79	7.00	5.55	1.94	6.72	5.41	2.10
	30	22	7.82	6.27	1.07	8.02	5.94	1.39	7.93	5.79	1.81	7.21	5.79	1.96	6.92	5.64	2.12
	32	24	7.96	6.55	1.08	8.17	6.20	1.40	8.08	6.05	1.82	7.35	6.05	1.98	7.05	5.89	2.14

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Indoor Air Temperature(°C)		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
H	20	14	4.78	4.26	0.57	4.90	4.04	0.74	5.38	3.94	0.97	6.23	3.94	1.05	4.69	3.84	1.14
	23	16	5.82	5.00	0.74	5.96	4.74	0.96	6.54	4.62	1.24	6.49	4.62	1.35	5.71	4.50	1.46
	26	18	6.58	5.46	0.88	6.75	5.17	1.14	7.40	5.04	1.48	6.69	5.04	1.61	6.46	4.92	1.74
	27	19	7.36	5.83	1.02	7.55	5.52	1.33	7.47	5.38	1.73	6.79	5.38	1.88	6.52	5.25	2.03
	30	22	7.58	6.08	1.04	7.78	5.76	1.35	7.69	5.61	1.75	6.99	5.61	1.90	6.71	5.47	2.06
	32	24	7.73	6.35	1.04	7.92	6.02	1.36	7.84	5.87	1.76	7.13	5.87	1.92	6.84	5.72	2.07
M	20	14	4.53	4.04	0.54	4.65	3.83	0.71	5.10	3.73	0.92	5.91	3.73	1.00	4.45	3.64	1.08
	23	16	5.52	4.74	0.70	5.66	4.49	0.91	6.21	4.38	1.18	6.15	4.38	1.28	5.42	4.27	1.38
	26	18	6.24	5.18	0.83	6.40	4.91	1.08	7.02	4.78	1.40	6.34	4.78	1.53	6.13	4.66	1.65
	27	19	6.98	5.53	0.97	7.16	5.24	1.26	7.08	5.11	1.64	6.44	5.11	1.78	6.18	4.98	1.93
	30	22	7.19	5.77	0.98	7.37	5.46	1.28	7.30	5.32	1.66	6.63	5.32	1.81	6.37	5.19	1.95
	32	24	7.33	6.03	0.99	7.51	5.71	1.29	7.44	5.56	1.67	6.76	5.56	1.82	6.49	5.42	1.96
L	20	14	4.43	3.96	0.53	4.55	3.75	0.69	4.99	3.65	0.90	5.78	3.65	0.98	4.36	3.56	1.05
	23	16	5.40	4.64	0.68	5.53	4.39	0.89	6.07	4.28	1.15	6.02	4.28	1.25	5.30	4.18	1.35
	26	18	6.10	5.07	0.81	6.26	4.80	1.06	6.87	4.68	1.37	6.21	4.68	1.49	5.99	4.56	1.61
	27	19	6.83	5.41	0.95	7.00	5.12	1.24	6.93	5.00	1.61	6.30	5.00	1.75	6.05	4.87	1.89
	30	22	7.03	5.64	0.96	7.21	5.34	1.25	7.14	5.21	1.63	6.49	5.21	1.77	6.23	5.08	1.91
	32	24	7.17	5.90	0.97	7.35	5.58	1.26	7.27	5.44	1.64	6.61	5.44	1.78	6.35	5.31	1.92

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	5.88	1.73	5.86	1.78	5.84	1.84	5.84	1.91	5.82	1.96
	-5	-5.6	6.55	1.84	6.53	1.89	6.52	1.95	6.52	2.00	6.50	2.05
	0	-0.7	7.23	1.94	7.21	1.97	7.19	2.03	7.19	2.08	7.17	2.12
	7	6	8.04	2.03	8.02	2.07	8.00	2.11	7.69	2.04	7.25	1.91
	10	8	8.28	2.08	8.26	2.11	8.00	2.07	7.69	1.90	7.25	1.78
H	-10	-11	5.70	1.68	5.68	1.73	5.67	1.79	5.67	1.85	5.65	1.90
	-5	-5.6	6.36	1.79	6.34	1.83	6.32	1.89	6.32	1.94	6.30	1.99
	0	-0.7	7.01	1.88	6.99	1.91	6.97	1.97	6.97	2.02	6.96	2.06
	7	6	7.80	1.97	7.78	2.01	7.76	2.05	7.46	1.98	7.03	1.85
	10	8	8.03	2.02	8.01	2.05	7.76	2.01	7.46	1.84	7.03	1.73
M	-10	-11	5.41	1.59	5.39	1.64	5.37	1.69	5.37	1.76	5.36	1.81
	-5	-5.6	6.03	1.69	6.01	1.74	5.99	1.79	5.99	1.84	5.98	1.88
	0	-0.7	6.65	1.78	6.63	1.82	6.61	1.87	6.61	1.92	6.60	1.95
	7	6	7.40	1.87	7.38	1.90	7.36	1.94	7.08	1.88	6.67	1.76
	10	8	7.62	1.92	7.60	1.94	7.36	1.90	7.08	1.75	6.67	1.64

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
L	-10	-11	5.29	1.55	5.27	1.60	5.26	1.66	5.26	1.72	5.24	1.77
	-5	-5.6	5.90	1.66	5.88	1.70	5.86	1.75	5.86	1.80	5.85	1.84
	0	-0.7	6.51	1.74	6.49	1.78	6.47	1.83	6.47	1.88	6.45	1.91
	7	6	7.24	1.83	7.22	1.86	7.20	1.90	6.92	1.84	6.53	1.72
	10	8	7.45	1.88	7.43	1.90	7.20	1.86	6.92	1.71	6.53	1.61

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD85PH/A-T, GUD85PHS/A-T

Cooling

Fan Speed	Indoor Air Temperature(°C)		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
Turbo	20	14	5.98	5.07	0.78	6.14	4.80	1.02	6.73	4.68	1.33	6.12	4.68	1.44	5.88	4.56	1.56
	23	16	7.28	5.95	1.01	7.47	5.63	1.31	8.19	5.49	1.71	7.45	5.49	1.85	7.15	5.35	2.00
	26	18	8.23	6.49	1.20	8.45	6.15	1.56	9.27	5.99	2.03	8.42	5.99	2.21	8.09	5.84	2.38
	27	19	9.21	6.93	1.40	9.45	6.57	1.83	9.35	6.40	2.37	8.5	6.4	2.58	8.16	6.24	2.79
	30	22	9.49	7.23	1.42	9.73	6.85	1.85	9.63	6.67	2.40	8.76	6.67	2.61	8.41	6.51	2.82
	32	24	9.67	7.55	1.43	9.92	7.15	1.86	9.81	6.97	2.42	8.92	6.97	2.63	8.57	6.80	2.84
H	20	14	5.80	4.92	0.76	5.95	4.66	0.99	6.53	4.54	1.29	7.56	4.54	1.40	5.70	4.42	1.51
	23	16	7.06	5.77	0.98	7.24	5.46	1.27	7.95	5.32	1.65	7.88	5.32	1.80	6.94	5.19	1.94
	26	18	7.99	6.30	1.16	8.19	5.96	1.51	8.99	5.81	1.97	8.12	5.81	2.14	7.85	5.67	2.31
	27	19	8.94	6.73	1.36	9.17	6.37	1.77	9.07	6.21	2.30	8.25	6.21	2.50	7.92	6.05	2.70
	30	22	9.21	7.01	1.38	9.44	6.64	1.79	9.34	6.47	2.33	8.49	6.47	2.53	8.15	6.31	2.74
	32	24	9.38	7.33	1.39	9.62	6.94	1.81	9.52	6.76	2.35	8.65	6.76	2.55	8.31	6.59	2.75
M	20	14	5.50	4.66	0.72	5.64	4.42	0.94	6.19	4.30	1.22	7.17	4.30	1.33	5.41	4.20	1.43
	23	16	6.70	5.47	0.93	6.87	5.18	1.21	7.54	5.05	1.57	7.47	5.05	1.70	6.58	4.92	1.84
	26	18	7.58	5.98	1.10	7.77	5.66	1.44	8.53	5.52	1.87	7.70	5.52	2.03	7.44	5.38	2.19
	27	19	8.48	6.38	1.29	8.69	6.04	1.68	8.60	5.89	2.18	7.82	5.89	2.37	7.51	5.74	2.56
	30	22	8.73	6.65	1.31	8.95	6.30	1.70	8.86	6.14	2.21	8.05	6.14	2.40	7.73	5.98	2.59
	32	24	8.90	6.95	1.32	9.12	6.58	1.71	9.03	6.42	2.23	8.21	6.42	2.42	7.88	6.25	2.61

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Indoor Air Temperature(°C)		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
L	20	14	5.38	4.56	0.71	5.52	4.32	0.92	6.06	4.21	1.19	7.02	4.21	1.30	5.29	4.10	1.40
	23	16	6.55	5.35	0.91	6.72	5.07	1.18	7.37	4.94	1.53	7.31	4.94	1.67	6.44	4.81	1.80
	26	18	7.41	5.85	1.08	7.60	5.53	1.40	8.34	5.40	1.83	7.54	5.40	1.98	7.28	5.26	2.14
	27	19	8.29	6.24	1.26	8.51	5.91	1.64	8.42	5.76	2.14	7.65	5.76	2.32	7.34	5.61	2.51
	30	22	8.54	6.51	1.28	8.76	6.16	1.66	8.67	6.01	2.16	7.88	6.01	2.35	7.56	5.85	2.54
	32	24	8.70	6.80	1.29	8.93	6.44	1.68	8.83	6.28	2.18	8.03	6.28	2.37	7.71	6.12	2.56

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	6.47	1.95	6.45	2.01	6.43	2.08	6.43	2.16	6.40	2.21
	-5	-5.6	7.21	2.08	7.19	2.13	7.17	2.20	7.17	2.26	7.15	2.31
	0	-0.7	7.95	2.18	7.93	2.23	7.91	2.29	7.91	2.35	7.89	2.39
	7	6	8.84	2.29	8.82	2.33	8.80	2.38	8.46	2.30	7.98	2.15
	10	8	9.11	2.35	9.09	2.38	8.80	2.33	8.46	2.14	7.98	2.01
H	-10	-11	6.27	1.89	6.25	1.95	6.23	2.02	6.23	2.09	6.21	2.15
	-5	-5.6	6.99	2.02	6.97	2.07	6.95	2.13	6.95	2.19	6.93	2.24
	0	-0.7	7.71	2.12	7.69	2.16	7.67	2.22	7.67	2.28	7.65	2.32
	7	6	8.58	2.22	8.56	2.26	8.54	2.31	8.21	2.23	7.74	2.09
	10	8	8.83	2.28	8.81	2.31	8.54	2.26	8.21	2.08	7.74	1.95
M	-10	-11	5.95	1.79	5.93	1.85	5.91	1.91	5.91	1.98	5.89	2.04
	-5	-5.6	6.63	1.91	6.61	1.96	6.59	2.02	6.59	2.08	6.57	2.12
	0	-0.7	7.32	2.01	7.30	2.05	7.28	2.11	7.28	2.16	7.26	2.20
	7	6	8.14	2.11	8.12	2.15	8.10	2.19	7.78	2.12	7.34	1.98
	10	8	8.38	2.16	8.36	2.19	8.10	2.15	7.78	1.97	7.34	1.85
L	-10	-11	5.82	1.75	5.80	1.81	5.78	1.87	5.78	1.94	5.76	1.99
	-5	-5.6	6.49	1.87	6.47	1.92	6.45	1.98	6.45	2.04	6.43	2.08
	0	-0.7	7.16	1.97	7.14	2.00	7.12	2.06	7.12	2.12	7.10	2.15
	7	6	7.96	2.06	7.94	2.10	7.92	2.14	7.62	2.07	7.18	1.94
	10	8	8.20	2.12	8.18	2.14	7.92	2.10	7.62	1.93	7.18	1.81

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SHC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD85P/A-T, GUD85PS/A-T
Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	5.98	4.91	0.82	6.14	4.65	1.07	6.73	4.53	1.39	6.12	4.53	1.51	5.88	4.42	1.63
	23	16	7.28	5.76	1.06	7.47	5.45	1.37	8.19	5.32	1.78	7.45	5.32	1.94	7.15	5.18	2.09
	26	18	8.23	6.29	1.26	8.45	5.96	1.63	9.27	5.81	2.12	8.42	5.81	2.31	8.09	5.66	2.49
	27	19	9.21	6.72	1.47	9.45	6.36	1.91	9.35	6.20	2.48	8.5	6.2	2.7	8.16	6.04	2.92
	30	22	9.49	7.00	1.49	9.73	6.63	1.93	9.63	6.47	2.51	8.76	6.47	2.73	8.41	6.30	2.95
	32	24	9.67	7.32	1.50	9.92	6.93	1.95	9.81	6.76	2.53	8.92	6.76	2.75	8.57	6.59	2.97
H	20	14	5.80	4.76	0.80	5.95	4.51	1.04	6.53	4.40	1.35	7.56	4.40	1.46	5.70	4.29	1.58
	23	16	7.06	5.59	1.02	7.24	5.29	1.33	7.95	5.16	1.73	7.88	5.16	1.88	6.94	5.03	2.03
	26	18	7.99	6.10	1.22	8.19	5.78	1.58	8.99	5.63	2.06	8.12	5.63	2.24	7.85	5.49	2.42
	27	19	8.94	6.52	1.43	9.17	6.17	1.85	9.07	6.01	2.41	8.25	6.01	2.62	7.92	5.86	2.83
	30	22	9.21	6.79	1.44	9.44	6.43	1.88	9.34	6.27	2.44	8.49	6.27	2.65	8.15	6.11	2.86
	32	24	9.38	7.10	1.45	9.62	6.72	1.89	9.52	6.55	2.46	8.65	6.55	2.67	8.31	6.39	2.88
M	20	14	5.50	4.52	0.76	5.64	4.28	0.98	6.19	4.17	1.28	7.17	4.17	1.39	5.41	4.06	1.50
	23	16	6.70	5.30	0.97	6.87	5.02	1.26	7.54	4.89	1.64	7.47	4.89	1.78	6.58	4.77	1.93
	26	18	7.58	5.79	1.16	7.77	5.48	1.50	8.53	5.34	1.95	7.70	5.34	2.12	7.44	5.21	2.29
	27	19	8.48	6.18	1.35	8.69	5.85	1.76	8.60	5.70	2.29	7.82	5.70	2.48	7.51	5.56	2.68
	30	22	8.73	6.44	1.37	8.95	6.10	1.78	8.86	5.95	2.31	8.05	5.95	2.51	7.73	5.80	2.71
	32	24	8.90	6.73	1.38	9.12	6.38	1.79	9.03	6.22	2.33	8.21	6.22	2.53	7.88	6.06	2.73
L	20	14	5.38	4.42	0.74	5.52	4.18	0.96	6.06	4.08	1.25	7.02	4.08	1.36	5.29	3.98	1.47
	23	16	6.55	5.18	0.95	6.72	4.91	1.24	7.37	4.79	1.61	7.31	4.79	1.75	6.44	4.66	1.88
	26	18	7.41	5.66	1.13	7.60	5.36	1.47	8.34	5.23	1.91	7.54	5.23	2.08	7.28	5.09	2.24
	27	19	8.29	6.05	1.32	8.51	5.72	1.72	8.42	5.58	2.24	7.65	5.58	2.43	7.34	5.44	2.62
	30	22	8.54	6.30	1.34	8.76	5.97	1.74	8.67	5.82	2.26	7.88	5.82	2.46	7.56	5.67	2.66
	32	24	8.70	6.59	1.35	8.93	6.24	1.75	8.83	6.08	2.28	8.03	6.08	2.48	7.71	5.93	2.67

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	6.47	2.09	6.45	2.15	6.43	2.23	6.43	2.31	6.40	2.37
	-5	-5.6	7.21	2.23	7.19	2.28	7.17	2.35	7.17	2.42	7.15	2.47
	0	-0.7	7.95	2.34	7.93	2.38	7.91	2.45	7.91	2.52	7.89	2.56
	7	6	8.84	2.45	8.82	2.50	8.80	2.55	8.46	2.47	7.98	2.31
	10	8	9.11	2.52	9.09	2.55	8.80	2.50	8.46	2.30	7.98	2.16

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
H	-10	-11	6.27	2.02	6.25	2.09	6.23	2.16	6.23	2.24	6.21	2.30
	-5	-5.6	6.99	2.16	6.97	2.21	6.95	2.28	6.95	2.35	6.93	2.40
	0	-0.7	7.71	2.27	7.69	2.31	7.67	2.38	7.67	2.44	7.65	2.49
	7	6	8.58	2.38	8.56	2.42	8.54	2.47	8.21	2.39	7.74	2.24
	10	8	8.83	2.44	8.81	2.47	8.54	2.43	8.21	2.23	7.74	2.09
M	-10	-11	5.95	1.92	5.93	1.98	5.91	2.05	5.91	2.12	5.89	2.18
	-5	-5.6	6.63	2.05	6.61	2.10	6.59	2.16	6.59	2.23	6.57	2.28
	0	-0.7	7.32	2.15	7.30	2.19	7.28	2.26	7.28	2.32	7.26	2.36
	7	6	8.14	2.26	8.12	2.30	8.10	2.35	7.78	2.27	7.34	2.12
	10	8	8.38	2.32	8.36	2.35	8.10	2.30	7.78	2.11	7.34	1.98
L	-10	-11	5.82	1.88	5.80	1.93	5.78	2.00	5.78	2.08	5.76	2.14
	-5	-5.6	6.49	2.00	6.47	2.05	6.45	2.12	6.45	2.18	6.43	2.23
	0	-0.7	7.16	2.11	7.14	2.15	7.12	2.21	7.12	2.27	7.10	2.31
	7	6	7.96	2.21	7.94	2.25	7.92	2.30	7.62	2.22	7.18	2.08
	10	8	8.20	2.27	8.18	2.30	7.92	2.25	7.62	2.07	7.18	1.94

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SHC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD100PH/A-T, GUD100PHS/A-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	7.04	6.37	0.97	7.22	6.03	1.27	7.92	5.88	1.64	7.20	5.88	1.79	6.91	5.73	1.93
	23	16	8.57	7.47	1.25	8.78	7.07	1.63	9.64	6.89	2.11	8.76	6.89	2.30	8.41	6.72	2.48
	26	18	9.69	8.16	1.49	9.94	7.73	1.94	10.90	7.53	2.52	9.91	7.53	2.74	9.51	7.34	2.95
	27	19	10.84	8.71	1.74	11.12	8.25	2.27	11.00	8.04	2.94	10	8.04	3.2	9.60	7.84	3.46
	30	22	11.17	9.08	1.76	11.45	8.60	2.29	11.33	8.38	2.98	10.30	8.38	3.24	9.89	8.17	3.50
	32	24	11.38	9.49	1.78	11.67	8.99	2.31	11.55	8.76	3.00	10.50	8.76	3.26	10.08	8.54	3.52

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
H	20	14	6.83	6.18	0.94	7.00	5.85	1.23	7.68	5.70	1.60	8.90	5.70	1.73	6.71	5.56	1.87
	23	16	8.31	7.25	1.21	8.52	6.86	1.58	9.35	6.69	2.05	9.27	6.69	2.23	8.16	6.52	2.41
	26	18	9.40	7.91	1.44	9.64	7.49	1.88	10.57	7.30	2.44	9.55	7.30	2.65	9.23	7.12	2.87
	27	19	10.52	8.45	1.69	10.78	8.00	2.20	10.67	7.80	2.86	9.70	7.80	3.10	9.31	7.60	3.35
	30	22	10.83	8.81	1.71	11.11	8.34	2.22	10.99	8.13	2.89	9.99	8.13	3.14	9.59	7.93	3.39
	32	24	11.04	9.21	1.72	11.32	8.72	2.24	11.20	8.50	2.91	10.18	8.50	3.16	9.77	8.28	3.42
M	20	14	6.48	5.86	0.90	6.64	5.55	1.16	7.29	5.41	1.51	8.44	5.41	1.64	6.36	5.27	1.78
	23	16	7.88	6.87	1.15	8.08	6.51	1.50	8.87	6.34	1.95	8.79	6.34	2.11	7.74	6.18	2.28
	26	18	8.91	7.51	1.37	9.14	7.11	1.78	10.03	6.93	2.32	9.06	6.93	2.52	8.75	6.75	2.72
	27	19	9.97	8.01	1.60	10.23	7.59	2.08	10.12	7.40	2.71	9.20	7.40	2.94	8.83	7.21	3.18
	30	22	10.27	8.36	1.62	10.54	7.91	2.11	10.42	7.71	2.74	9.48	7.71	2.98	9.10	7.52	3.22
	32	24	10.47	8.73	1.63	10.74	8.27	2.12	10.62	8.06	2.76	9.66	8.06	3.00	9.27	7.86	3.24
L	20	14	6.33	5.73	0.88	6.50	5.43	1.14	7.13	5.29	1.48	8.26	5.29	1.61	6.22	5.16	1.74
	23	16	7.71	6.72	1.13	7.91	6.37	1.46	8.68	6.21	1.90	8.60	6.21	2.07	7.57	6.05	2.23
	26	18	8.72	7.34	1.34	8.94	6.95	1.74	9.81	6.78	2.27	8.87	6.78	2.46	8.56	6.61	2.66
	27	19	9.76	7.84	1.57	10.01	7.42	2.04	9.90	7.24	2.65	9.00	7.24	2.88	8.64	7.05	3.11
	30	22	10.05	8.17	1.59	10.31	7.74	2.06	10.20	7.55	2.68	9.27	7.55	2.91	8.90	7.35	3.15
	32	24	10.24	8.54	1.60	10.50	8.09	2.08	10.39	7.88	2.70	9.45	7.88	2.93	9.07	7.69	3.17

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	8.82	2.78	8.79	2.87	8.76	2.97	8.76	3.08	8.73	3.16
	-5	-5.6	9.83	2.97	9.80	3.04	9.77	3.14	9.77	3.23	9.75	3.30
	0	-0.7	10.84	3.12	10.82	3.18	10.78	3.27	10.78	3.36	10.76	3.42
	7	6.0	12.06	3.27	12.03	3.33	12.00	3.40	11.54	3.29	10.88	3.08
	10	8.0	12.42	3.36	12.39	3.40	12.00	3.33	11.54	3.06	10.88	2.88
H	-10	-11.0	8.55	2.70	8.53	2.78	8.50	2.88	8.50	2.99	8.47	3.07
	-5	-5.6	9.54	2.88	9.51	2.95	9.48	3.04	9.48	3.13	9.45	3.20
	0	-0.7	10.52	3.03	10.49	3.08	10.46	3.17	10.46	3.26	10.43	3.31
	7	6.0	11.70	3.17	11.67	3.23	11.64	3.30	11.19	3.19	10.55	2.99
	10	8.0	12.05	3.26	12.02	3.30	11.64	3.23	11.19	2.97	10.55	2.79
M	-10	-11.0	8.11	2.56	8.09	2.64	8.06	2.73	8.06	2.83	8.03	2.91
	-5	-5.6	9.05	2.73	9.02	2.80	8.99	2.89	8.99	2.97	8.97	3.03
	0	-0.7	9.98	2.87	9.95	2.93	9.92	3.01	9.92	3.09	9.90	3.14
	7	6.0	11.09	3.01	11.07	3.07	11.04	3.13	10.62	3.03	10.01	2.83
	10	8.0	11.43	3.09	11.40	3.13	11.04	3.07	10.62	2.82	10.01	2.65

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
L	-10	-11.0	7.94	2.50	7.91	2.58	7.89	2.67	7.89	2.77	7.86	2.85
	-5	-5.6	8.85	2.67	8.82	2.74	8.80	2.82	8.80	2.91	8.77	2.97
	0	-0.7	9.76	2.81	9.73	2.86	9.71	2.95	9.71	3.02	9.68	3.08
	7	6.0	10.85	2.95	10.83	3.00	10.80	3.06	10.39	2.96	9.79	2.77
	10	8.0	11.18	3.02	11.15	3.06	10.80	3.00	10.39	2.76	9.79	2.59

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD125PH/A-T,GUD125PHS/A-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	8.52	8.17	1.34	8.73	7.74	1.74	9.58	7.54	2.26	8.71	7.54	2.46	8.36	7.35	2.65
	23	16	10.36	9.59	1.72	10.63	9.08	2.24	11.66	8.85	2.91	10.60	8.85	3.16	10.18	8.63	3.41
	26	18	11.72	10.47	2.05	12.02	9.92	2.66	13.19	9.67	3.46	11.99	9.67	3.76	11.51	9.42	4.06
	27	19	13.12	11.18	2.40	13.45	10.59	3.11	13.31	10.32	4.05	12.1	10.32	4.4	11.62	10.06	4.75
	30	22	13.51	11.66	2.42	13.86	11.04	3.15	13.71	10.76	4.10	12.46	10.76	4.45	11.97	10.49	4.81
	32	24	13.77	12.18	2.44	14.12	11.53	3.17	13.97	11.24	4.13	12.70	11.24	4.48	12.19	10.96	4.84
H	20	14	8.26	7.93	1.30	8.47	7.51	1.69	9.30	7.32	2.19	10.77	7.32	2.38	8.11	7.13	2.57
	23	16	10.05	9.30	1.67	10.31	8.81	2.17	11.31	8.58	2.82	11.21	8.58	3.07	9.87	8.37	3.31
	26	18	11.37	10.16	1.99	11.66	9.62	2.58	12.80	9.38	3.36	11.56	9.38	3.65	11.17	9.14	3.94
	27	19	12.72	10.85	2.32	13.05	10.27	3.02	12.91	10.01	3.93	11.74	10.01	4.27	11.27	9.76	4.61
	30	22	13.11	11.31	2.35	13.44	10.71	3.06	13.30	10.44	3.97	12.09	10.44	4.32	11.61	10.17	4.66
	32	24	13.35	11.82	2.37	13.70	11.19	3.08	13.55	10.91	4.00	12.32	10.91	4.35	11.83	10.63	4.70
M	20	14	7.84	7.52	1.23	8.04	7.12	1.60	8.82	6.94	2.08	10.21	6.94	2.26	7.70	6.77	2.44
	23	16	9.54	8.82	1.58	9.78	8.35	2.06	10.73	8.14	2.68	10.64	8.14	2.91	9.37	7.94	3.14
	26	18	10.78	9.63	1.88	11.06	9.12	2.45	12.14	8.89	3.18	10.97	8.89	3.46	10.59	8.67	3.74
	27	19	12.07	10.29	2.20	12.38	9.74	2.87	12.25	9.49	3.73	11.13	9.49	4.05	10.69	9.25	4.37
	30	22	12.43	10.73	2.23	12.75	10.16	2.90	12.61	9.90	3.77	11.47	9.90	4.10	11.01	9.65	4.42
	32	24	12.67	11.21	2.25	12.99	10.61	2.92	12.85	10.35	3.80	11.68	10.35	4.13	11.22	10.08	4.46

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
L	20	14	7.67	7.36	1.20	7.86	6.97	1.57	8.63	6.79	2.04	9.99	6.79	2.21	7.53	6.62	2.39
	23	16	9.33	8.63	1.55	9.57	8.17	2.01	10.50	7.96	2.62	10.40	7.96	2.84	9.16	7.76	3.07
	26	18	10.55	9.43	1.84	10.82	8.92	2.40	11.87	8.70	3.11	10.73	8.70	3.38	10.36	8.48	3.66
	27	19	11.81	10.06	2.16	12.11	9.53	2.80	11.98	9.29	3.64	10.89	9.29	3.96	10.46	9.05	4.28
	30	22	12.16	10.49	2.18	12.47	9.94	2.84	12.34	9.69	3.69	11.22	9.69	4.01	10.77	9.44	4.33
	32	24	12.39	10.96	2.20	12.71	10.38	2.86	12.57	10.12	3.71	11.43	10.12	4.04	10.97	9.86	4.36

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	9.92	3.36	9.89	3.46	9.86	3.58	9.86	3.71	9.82	3.82
	-5	-5.6	11.06	3.58	11.03	3.67	11.00	3.78	11.00	3.90	10.96	3.98
	0	-0.7	12.20	3.76	12.17	3.83	12.13	3.95	12.13	4.05	12.10	4.12
	7	6.0	13.57	3.95	13.53	4.02	13.50	4.10	12.98	3.97	12.24	3.71
	10	8.0	13.97	4.05	13.94	4.10	13.50	4.02	12.98	3.69	12.24	3.47
H	-10	-11.0	9.62	3.25	9.59	3.35	9.56	3.47	9.56	3.60	9.53	3.70
	-5	-5.6	10.73	3.47	10.70	3.56	10.67	3.67	10.67	3.78	10.63	3.86
	0	-0.7	11.83	3.65	11.80	3.72	11.77	3.83	11.77	3.93	11.74	4.00
	7	6.0	13.16	3.83	13.13	3.90	13.10	3.98	12.59	3.85	11.87	3.60
	10	8.0	13.55	3.93	13.52	3.98	13.10	3.90	12.59	3.58	11.87	3.36
M	-10	-11.0	9.13	3.09	9.10	3.18	9.07	3.29	9.07	3.42	9.04	3.51
	-5	-5.6	10.18	3.29	10.14	3.38	10.12	3.48	10.12	3.58	10.09	3.66
	0	-0.7	11.22	3.46	11.19	3.53	11.16	3.63	11.16	3.73	11.13	3.79
	7	6.0	12.48	3.63	12.45	3.70	12.42	3.77	11.94	3.65	11.26	3.41
	10	8.0	12.85	3.73	12.82	3.77	12.42	3.70	11.94	3.40	11.26	3.19
L	-10	-11.0	8.93	3.02	8.90	3.11	8.87	3.22	8.87	3.34	8.84	3.43
	-5	-5.6	9.96	3.22	9.92	3.30	9.90	3.40	9.90	3.51	9.87	3.58
	0	-0.7	10.98	3.39	10.95	3.45	10.92	3.55	10.92	3.64	10.89	3.71
	7	6.0	12.21	3.55	12.18	3.62	12.15	3.69	11.68	3.57	11.01	3.34
	10	8.0	12.57	3.65	12.54	3.69	12.15	3.62	11.68	3.32	11.01	3.12

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

U-Match 5 SERIES AIR CONDITIONERS TSG

GUD140PH/A-T, GUD140PHS/A-T Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	9.43	8.61	1.35	9.67	8.15	1.76	10.61	7.95	2.29	9.65	7.95	2.49	9.26	7.75	2.68
	23	16	11.48	10.10	1.74	11.77	9.56	2.26	12.92	9.32	2.94	11.74	9.32	3.20	11.27	9.09	3.45
	26	18	12.98	11.03	2.07	13.31	10.44	2.69	14.61	10.18	3.50	13.28	10.18	3.80	12.75	9.92	4.11
	27	19	14.53	11.78	2.42	14.90	11.15	3.15	14.74	10.87	4.09	13.4	10.87	4.45	12.86	10.60	4.81
	30	22	14.96	12.28	2.45	15.34	11.63	3.19	15.18	11.33	4.14	13.80	11.33	4.50	13.25	11.05	4.86
	32	24	15.25	12.83	2.47	15.64	12.15	3.21	15.47	11.84	4.17	14.06	11.84	4.53	13.50	11.55	4.90
H	20	14	9.15	8.35	1.31	9.38	7.91	1.71	10.29	7.71	2.22	11.92	7.71	2.41	8.99	7.51	2.60
	23	16	11.13	9.80	1.69	11.42	9.28	2.19	12.53	9.04	2.85	12.42	9.04	3.10	10.94	8.81	3.35
	26	18	12.59	10.70	2.01	12.91	10.13	2.61	14.17	9.88	3.39	12.80	9.88	3.69	12.37	9.63	3.98
	27	19	14.09	11.42	2.35	14.45	10.82	3.06	14.30	10.54	3.97	13.00	10.54	4.32	12.48	10.28	4.66
	30	22	14.51	11.91	2.38	14.88	11.28	3.09	14.73	10.99	4.02	13.39	10.99	4.37	12.85	10.72	4.72
	32	24	14.79	12.45	2.40	15.17	11.79	3.11	15.01	11.49	4.05	13.64	11.49	4.40	13.10	11.20	4.75
M	20	14	8.68	7.92	1.25	8.90	7.50	1.62	9.76	7.31	2.10	11.31	7.31	2.29	8.52	7.13	2.47
	23	16	10.56	9.29	1.60	10.83	8.80	2.08	11.88	8.58	2.71	11.78	8.58	2.94	10.37	8.36	3.18
	26	18	11.94	10.15	1.91	12.25	9.61	2.48	13.44	9.37	3.22	12.14	9.37	3.50	11.73	9.13	3.78
	27	19	13.36	10.83	2.23	13.71	10.26	2.90	13.56	10.00	3.77	12.33	10.00	4.09	11.84	9.75	4.42
	30	22	13.77	11.30	2.26	14.12	10.70	2.93	13.97	10.43	3.81	12.70	10.43	4.14	12.19	10.16	4.47
	32	24	14.03	11.81	2.27	14.39	11.18	2.95	14.23	10.90	3.84	12.94	10.90	4.17	12.42	10.62	4.51
L	20	14	8.49	7.75	1.22	8.71	7.34	1.58	9.55	7.15	2.06	11.06	7.15	2.24	8.34	6.97	2.42
	23	16	10.33	9.09	1.57	10.59	8.61	2.04	11.62	8.39	2.65	11.52	8.39	2.88	10.15	8.18	3.11
	26	18	11.68	9.93	1.86	11.98	9.40	2.42	13.15	9.16	3.15	11.88	9.16	3.42	11.48	8.93	3.70
	27	19	13.07	10.60	2.18	13.41	10.04	2.83	13.27	9.78	3.69	12.06	9.78	4.01	11.58	9.54	4.33
	30	22	13.47	11.05	2.21	13.81	10.46	2.87	13.66	10.20	3.73	12.42	10.20	4.05	11.93	9.94	4.38
	32	24	13.72	11.55	2.22	14.07	10.93	2.89	13.92	10.66	3.76	12.66	10.66	4.08	12.15	10.39	4.41

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	11.39	3.76	11.35	3.88	11.32	4.02	11.32	4.17	11.28	4.28
	-5	-5.6	12.70	4.02	12.66	4.12	12.62	4.24	12.62	4.37	12.59	4.46
	0	-0.7	14.01	4.22	13.97	4.30	13.93	4.43	13.93	4.54	13.89	4.62
	7	6.0	15.58	4.43	15.54	4.51	15.50	4.60	14.90	4.45	14.05	4.16
	10	8.0	16.04	4.54	16.00	4.60	15.50	4.51	14.90	4.14	14.05	3.89
H	-10	-11.0	11.05	3.65	11.01	3.76	10.98	3.89	10.98	4.04	10.94	4.15
	-5	-5.6	12.32	3.89	12.28	3.99	12.25	4.12	12.25	4.24	12.21	4.33
	0	-0.7	13.59	4.09	13.55	4.17	13.51	4.30	13.51	4.41	13.48	4.48
	7	6.0	15.11	4.30	15.07	4.37	15.04	4.46	14.46	4.32	13.63	4.04
	10	8.0	15.56	4.41	15.52	4.46	15.04	4.37	14.46	4.02	13.63	3.77

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
M	-10	-11.0	10.48	3.46	10.45	3.57	10.41	3.69	10.41	3.83	10.38	3.94
	-5	-5.6	11.68	3.69	11.65	3.79	11.61	3.91	11.61	4.02	11.58	4.11
	0	-0.7	12.89	3.88	12.85	3.96	12.82	4.07	12.82	4.18	12.78	4.25
	7	6.0	14.33	4.07	14.30	4.15	14.26	4.23	13.71	4.09	12.93	3.83
	10	8.0	14.76	4.18	14.72	4.23	14.26	4.15	13.71	3.81	12.93	3.58
L	-10	-11.0	10.25	3.39	10.22	3.49	10.19	3.61	10.19	3.75	10.15	3.85
	-5	-5.6	11.43	3.61	11.39	3.71	11.36	3.82	11.36	3.93	11.33	4.02
	0	-0.7	12.61	3.80	12.57	3.87	12.54	3.99	12.54	4.09	12.50	4.16
	7	6.0	14.02	3.99	13.99	4.06	13.95	4.14	13.41	4.01	12.64	3.75
	10	8.0	14.44	4.09	14.40	4.14	13.95	4.06	13.41	3.73	12.64	3.50

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	7.5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD160PH/A-T,GUD160PHS/A-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	11.26	10.18	1.66	11.55	9.64	2.15	12.67	9.39	2.80	11.52	9.39	3.04	11.06	9.16	3.29
	23	16	13.71	11.94	2.13	14.06	11.30	2.77	15.42	11.02	3.60	14.02	11.02	3.91	13.46	10.74	4.23
	26	18	15.50	13.04	2.54	15.90	12.35	3.30	17.44	12.04	4.29	15.86	12.04	4.66	15.22	11.73	5.03
	27	19	17.35	13.92	2.97	17.79	13.18	3.86	17.60	12.85	5.02	16	12.85	5.45	15.36	12.53	5.89
	30	22	17.87	14.52	3.00	18.32	13.75	3.90	18.13	13.40	5.08	16.48	13.40	5.52	15.82	13.06	5.96
	32	24	18.21	15.17	3.02	18.67	14.36	3.93	18.47	14.00	5.11	16.79	14.00	5.55	16.12	13.65	6.00
H	20	14	10.92	9.87	1.61	11.20	9.35	2.09	12.29	9.11	2.72	14.24	9.11	2.95	10.73	8.88	3.19
	23	16	13.29	11.58	2.07	13.63	10.96	2.69	14.96	10.69	3.49	14.83	10.69	3.80	13.06	10.42	4.10
	26	18	15.04	12.65	2.46	15.42	11.98	3.20	16.92	11.68	4.16	15.29	11.68	4.52	14.77	11.38	4.88
	27	19	16.83	13.50	2.88	17.25	12.79	3.74	17.07	12.46	4.86	15.52	12.46	5.29	14.90	12.15	5.71
	30	22	17.33	14.08	2.91	17.77	13.33	3.79	17.58	13.00	4.92	15.99	13.00	5.35	15.35	12.67	5.78
	32	24	17.66	14.71	2.93	18.11	13.93	3.81	17.92	13.58	4.96	16.29	13.58	5.39	15.64	13.24	5.82

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
M	20	14	10.36	9.36	1.52	10.63	8.87	1.98	11.66	8.64	2.58	13.50	8.64	2.80	10.18	8.42	3.02
	23	16	12.61	10.98	1.96	12.93	10.40	2.55	14.19	10.14	3.31	14.06	10.14	3.60	12.38	9.88	3.89
	26	18	14.26	12.00	2.33	14.62	11.36	3.03	16.05	11.07	3.94	14.50	11.07	4.29	14.01	10.79	4.63
	27	19	15.96	12.81	2.73	16.37	12.13	3.55	16.19	11.82	4.61	14.72	11.82	5.01	14.13	11.52	5.42
	30	22	16.44	13.36	2.76	16.86	12.65	3.59	16.68	12.33	4.67	15.16	12.33	5.07	14.56	12.02	5.48
	32	24	16.75	13.96	2.78	17.18	13.21	3.62	16.99	12.88	4.70	15.45	12.88	5.11	14.83	12.56	5.52
L	20	14	10.14	9.16	1.49	10.39	8.67	1.94	11.41	8.45	2.52	13.21	8.45	2.74	9.95	8.24	2.96
	23	16	12.34	10.74	1.92	12.65	10.17	2.49	13.88	9.92	3.24	13.76	9.92	3.52	12.11	9.67	3.80
	26	18	13.95	11.74	2.28	14.31	11.11	2.97	15.70	10.83	3.86	14.18	10.83	4.19	13.70	10.56	4.53
	27	19	15.61	12.53	2.67	16.01	11.86	3.47	15.84	11.57	4.51	14.40	11.57	4.91	13.82	11.27	5.30
	30	22	16.08	13.06	2.70	16.49	12.37	3.51	16.32	12.06	4.57	14.83	12.06	4.96	14.24	11.75	5.36
	32	24	16.39	13.65	2.72	16.80	12.93	3.54	16.63	12.60	4.60	15.11	12.60	5.00	14.51	12.28	5.40

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	12.49	4.09	12.45	4.21	12.41	4.36	12.41	4.53	12.37	4.65
	-5	-5.6	13.93	4.36	13.89	4.48	13.85	4.61	13.85	4.75	13.81	4.85
	0	-0.7	15.36	4.59	15.32	4.68	15.28	4.81	15.28	4.94	15.24	5.03
	7	6.0	17.08	4.81	17.04	4.90	17.00	5.00	16.35	4.84	15.41	4.53
	10	8.0	17.59	4.94	17.55	5.00	17.00	4.90	16.35	4.50	15.41	4.23
H	-10	-11.0	12.12	3.97	12.08	4.09	12.04	4.23	12.04	4.39	12.00	4.51
	-5	-5.6	13.51	4.23	13.47	4.34	13.43	4.48	13.43	4.61	13.39	4.71
	0	-0.7	14.90	4.45	14.86	4.54	14.82	4.67	14.82	4.79	14.78	4.87
	7	6.0	16.57	4.67	16.53	4.75	16.49	4.85	15.86	4.69	14.95	4.39
	10	8.0	17.07	4.79	17.03	4.85	16.49	4.75	15.86	4.37	14.95	4.10
M	-10	-11.0	11.49	3.76	11.46	3.88	11.42	4.02	11.42	4.17	11.38	4.28
	-5	-5.6	12.81	4.02	12.77	4.12	12.74	4.24	12.74	4.37	12.70	4.46
	0	-0.7	14.13	4.22	14.10	4.30	14.06	4.43	14.06	4.54	14.02	4.62
	7	6.0	15.72	4.43	15.68	4.51	15.64	4.60	15.04	4.45	14.18	4.16
	10	8.0	16.19	4.54	16.15	4.60	15.64	4.51	15.04	4.14	14.18	3.89
L	-10	-11.0	11.24	3.68	11.21	3.79	11.17	3.93	11.17	4.07	11.13	4.19
	-5	-5.6	12.54	3.93	12.50	4.03	12.46	4.15	12.46	4.28	12.43	4.37
	0	-0.7	13.83	4.13	13.79	4.21	13.75	4.33	13.75	4.44	13.71	4.52
	7	6.0	15.37	4.33	15.34	4.41	15.30	4.50	14.71	4.35	13.87	4.07
	10	8.0	15.83	4.45	15.80	4.50	15.30	4.41	14.71	4.05	13.87	3.81

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	7.5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

6.1.3 Floor Ceiling Type

GUD35ZD/A-T
Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	2.46	2.48	0.27	2.53	2.35	0.36	2.77	2.29	0.46	2.52	2.29	0.50	2.42	2.23	0.54
	23	16	3.00	2.91	0.35	3.07	2.75	0.46	3.37	2.68	0.59	3.07	2.68	0.65	2.94	2.62	0.70
	26	18	3.39	3.18	0.42	3.48	3.01	0.54	3.82	2.93	0.71	3.47	2.93	0.77	3.33	2.86	0.83
	27	19	3.79	3.39	0.49	3.89	3.21	0.64	3.85	3.13	0.83	3.5	3.13	0.9	3.36	3.05	0.97
	30	22	3.91	3.54	0.50	4.01	3.35	0.64	3.97	3.26	0.84	3.61	3.26	0.91	3.46	3.18	0.98
	32	24	3.98	3.69	0.50	4.08	3.50	0.65	4.04	3.41	0.84	3.67	3.41	0.92	3.53	3.32	0.99
H	20	14	2.39	2.40	0.27	2.45	2.28	0.35	2.69	2.22	0.45	3.11	2.22	0.49	2.35	2.16	0.53
	23	16	2.91	2.82	0.34	2.98	2.67	0.44	3.27	2.60	0.58	3.24	2.60	0.63	2.86	2.54	0.68
	26	18	3.29	3.08	0.41	3.37	2.92	0.53	3.70	2.84	0.69	3.34	2.84	0.75	3.23	2.77	0.81
	27	19	3.68	3.29	0.48	3.77	3.11	0.62	3.73	3.04	0.80	3.40	3.04	0.87	3.26	2.96	0.94
	30	22	3.79	3.43	0.48	3.89	3.25	0.63	3.85	3.17	0.81	3.50	3.17	0.88	3.36	3.09	0.95
	32	24	3.86	3.58	0.48	3.96	3.39	0.63	3.92	3.31	0.82	3.56	3.31	0.89	3.42	3.22	0.96
M	20	14	2.27	2.28	0.25	2.32	2.16	0.33	2.55	2.11	0.43	2.95	2.11	0.46	2.23	2.05	0.50
	23	16	2.76	2.68	0.32	2.83	2.53	0.42	3.10	2.47	0.55	3.08	2.47	0.59	2.71	2.41	0.64
	26	18	3.12	2.92	0.39	3.20	2.77	0.50	3.51	2.70	0.65	3.17	2.70	0.71	3.06	2.63	0.76
	27	19	3.49	3.12	0.45	3.58	2.95	0.59	3.54	2.88	0.76	3.22	2.88	0.83	3.09	2.81	0.89
	30	22	3.60	3.25	0.46	3.69	3.08	0.59	3.65	3.00	0.77	3.32	3.00	0.84	3.18	2.93	0.90
	32	24	3.66	3.40	0.46	3.76	3.22	0.60	3.72	3.14	0.78	3.38	3.14	0.84	3.24	3.06	0.91
L	20	14	2.22	2.23	0.25	2.27	2.11	0.32	2.49	2.06	0.42	2.89	2.06	0.45	2.18	2.01	0.49
	23	16	2.70	2.62	0.32	2.77	2.48	0.41	3.04	2.42	0.54	3.01	2.42	0.58	2.65	2.35	0.63
	26	18	3.05	2.86	0.38	3.13	2.71	0.49	3.43	2.64	0.64	3.10	2.64	0.69	3.00	2.57	0.75
	27	19	3.41	3.05	0.44	3.50	2.89	0.57	3.47	2.82	0.75	3.15	2.82	0.81	3.02	2.75	0.87
	30	22	3.52	3.18	0.45	3.61	3.01	0.58	3.57	2.94	0.75	3.24	2.94	0.82	3.11	2.86	0.89
	32	24	3.58	3.33	0.45	3.68	3.15	0.58	3.64	3.07	0.76	3.31	3.07	0.83	3.17	2.99	0.89

U-Match 5 SERIES AIR CONDITIONERS TSG

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	2.91	0.78	2.90	0.81	2.89	0.84	2.89	0.87	2.88	0.89
	-5	-5.6	3.25	0.84	3.24	0.86	3.23	0.88	3.23	0.91	3.22	0.93
	0	-0.7	3.58	0.88	3.57	0.90	3.56	0.92	3.56	0.95	3.55	0.96
	7	6.0	3.98	0.92	3.97	0.94	4.00	0.95	3.81	0.93	3.59	0.87
	10	8.0	4.10	0.95	4.09	0.96	3.96	0.94	3.81	0.86	3.59	0.81
H	-10	-11.0	2.82	0.76	2.82	0.78	2.81	0.81	2.81	0.84	2.80	0.87
	-5	-5.6	3.15	0.81	3.14	0.83	3.13	0.86	3.13	0.88	3.12	0.90
	0	-0.7	3.47	0.85	3.46	0.87	3.45	0.90	3.45	0.92	3.44	0.93
	7	6.0	3.86	0.90	3.85	0.91	3.84	0.93	3.70	0.90	3.48	0.84
	10	8.0	3.98	0.92	3.97	0.93	3.84	0.91	3.70	0.84	3.48	0.79
M	-10	-11.0	2.68	0.72	2.67	0.74	2.66	0.77	2.66	0.80	2.65	0.82
	-5	-5.6	2.99	0.77	2.98	0.79	2.97	0.81	2.97	0.84	2.96	0.86
	0	-0.7	3.29	0.81	3.29	0.83	3.28	0.85	3.28	0.87	3.27	0.89
	7	6.0	3.66	0.85	3.65	0.86	3.65	0.88	3.50	0.85	3.30	0.80
	10	8.0	3.77	0.87	3.76	0.88	3.65	0.86	3.50	0.79	3.30	0.75
L	-10	-11.0	2.62	0.71	2.61	0.73	2.60	0.75	2.60	0.78	2.59	0.80
	-5	-5.6	2.92	0.75	2.91	0.77	2.90	0.80	2.90	0.82	2.90	0.84
	0	-0.7	3.22	0.79	3.21	0.81	3.20	0.83	3.20	0.85	3.20	0.87
	7	6.0	3.58	0.83	3.57	0.85	3.57	0.86	3.43	0.84	3.23	0.78
	10	8.0	3.69	0.85	3.68	0.86	3.57	0.85	3.43	0.78	3.23	0.73

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD50ZD/A-T
Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	3.52	3.00	0.47	3.61	2.84	0.61	3.96	2.77	0.80	3.60	2.77	0.87	3.46	2.70	0.93
	23	16	4.28	3.52	0.61	4.39	3.33	0.79	4.82	3.25	1.02	4.38	3.25	1.11	4.21	3.17	1.20
	26	18	4.84	3.85	0.72	4.97	3.64	0.94	5.45	3.55	1.22	4.96	3.55	1.32	4.76	3.46	1.43
	27	19	5.42	4.11	0.84	5.56	3.89	1.10	5.50	3.79	1.43	5	3.79	1.55	4.80	3.69	1.67
	30	22	5.58	4.28	0.85	5.73	4.05	1.11	5.67	3.95	1.44	5.15	3.95	1.57	4.94	3.85	1.69
	32	24	5.69	4.47	0.86	5.83	4.24	1.12	5.77	4.13	1.45	5.25	4.13	1.58	5.04	4.03	1.71
H	20	14	3.41	2.91	0.46	3.50	2.76	0.59	3.84	2.69	0.77	4.45	2.69	0.84	3.35	2.62	0.91
	23	16	4.15	3.42	0.59	4.26	3.23	0.76	4.67	3.15	0.99	4.63	3.15	1.08	4.08	3.07	1.17
	26	18	4.70	3.73	0.70	4.82	3.53	0.91	5.29	3.44	1.18	4.78	3.44	1.29	4.61	3.36	1.39
	27	19	5.26	3.98	0.82	5.39	3.77	1.06	5.34	3.68	1.38	4.85	3.68	1.50	4.66	3.58	1.62
	30	22	5.42	4.15	0.83	5.55	3.93	1.08	5.50	3.83	1.40	5.00	3.83	1.52	4.80	3.74	1.64
	32	24	5.52	4.34	0.83	5.66	4.11	1.08	5.60	4.01	1.41	5.09	4.01	1.53	4.89	3.90	1.65
M	20	14	3.24	2.76	0.43	3.32	2.61	0.56	3.64	2.55	0.73	4.22	2.55	0.80	3.18	2.48	0.86
	23	16	3.94	3.24	0.56	4.04	3.07	0.72	4.43	2.99	0.94	4.40	2.99	1.02	3.87	2.91	1.11
	26	18	4.46	3.54	0.66	4.57	3.35	0.86	5.01	3.27	1.12	4.53	3.27	1.22	4.38	3.18	1.32
	27	19	4.99	3.78	0.78	5.11	3.58	1.01	5.06	3.49	1.31	4.60	3.49	1.43	4.42	3.40	1.54
	30	22	5.14	3.94	0.79	5.27	3.73	1.02	5.21	3.64	1.33	4.74	3.64	1.44	4.55	3.54	1.56
	32	24	5.23	4.12	0.79	5.37	3.90	1.03	5.31	3.80	1.34	4.83	3.80	1.45	4.64	3.70	1.57
L	20	14	3.17	2.70	0.42	3.25	2.56	0.55	3.56	2.49	0.72	4.13	2.49	0.78	3.11	2.43	0.84
	23	16	3.85	3.17	0.55	3.95	3.00	0.71	4.34	2.93	0.92	4.30	2.93	1.00	3.79	2.85	1.08
	26	18	4.36	3.46	0.65	4.47	3.28	0.84	4.91	3.20	1.10	4.43	3.20	1.19	4.28	3.11	1.29
	27	19	4.88	3.70	0.76	5.00	3.50	0.99	4.95	3.41	1.28	4.50	3.41	1.40	4.32	3.32	1.51
	30	22	5.02	3.85	0.77	5.15	3.65	1.00	5.10	3.56	1.30	4.64	3.56	1.41	4.45	3.47	1.52
	32	24	5.12	4.03	0.77	5.25	3.81	1.01	5.20	3.72	1.31	4.72	3.72	1.42	4.53	3.62	1.54

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	4.04	1.31	4.03	1.35	4.02	1.40	4.02	1.45	4.00	1.49
	-5	-5.6	4.51	1.40	4.49	1.43	4.48	1.48	4.48	1.52	4.47	1.55
	0	-0.7	4.97	1.47	4.96	1.50	4.94	1.54	4.94	1.58	4.93	1.61
	7	6.0	5.53	1.54	5.51	1.57	5.50	1.60	5.29	1.55	4.99	1.45
	10	8.0	5.69	1.58	5.68	1.60	5.50	1.57	5.29	1.44	4.99	1.35

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Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
H	-10	-11.0	3.92	1.27	3.91	1.31	3.90	1.35	3.90	1.41	3.88	1.44
	-5	-5.6	4.37	1.35	4.36	1.39	4.35	1.43	4.35	1.47	4.33	1.51
	0	-0.7	4.82	1.42	4.81	1.45	4.79	1.49	4.79	1.53	4.78	1.56
	7	6.0	5.36	1.49	5.35	1.52	5.34	1.55	5.13	1.50	4.84	1.40
	10	8.0	5.52	1.53	5.51	1.55	5.34	1.52	5.13	1.40	4.84	1.31
M	-10	-11.0	3.72	1.20	3.71	1.24	3.69	1.28	3.69	1.33	3.68	1.37
	-5	-5.6	4.15	1.28	4.13	1.32	4.12	1.36	4.12	1.40	4.11	1.43
	0	-0.7	4.57	1.35	4.56	1.38	4.55	1.42	4.55	1.45	4.54	1.48
	7	6.0	5.08	1.42	5.07	1.44	5.06	1.47	4.87	1.42	4.59	1.33
	10	8.0	5.24	1.45	5.22	1.47	5.06	1.44	4.87	1.33	4.59	1.24
L	-10	-11.0	3.64	1.18	3.63	1.21	3.61	1.26	3.61	1.30	3.60	1.34
	-5	-5.6	4.06	1.26	4.04	1.29	4.03	1.33	4.03	1.37	4.02	1.40
	0	-0.7	4.47	1.32	4.46	1.35	4.45	1.39	4.45	1.42	4.44	1.45
	7	6.0	4.97	1.39	4.96	1.41	4.95	1.44	4.76	1.39	4.49	1.30
	10	8.0	5.12	1.42	5.11	1.44	4.95	1.41	4.76	1.30	4.49	1.22

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD71ZD/A-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	4.93	4.78	0.58	5.05	4.53	0.75	5.54	4.42	0.98	5.04	4.42	1.06	4.84	4.30	1.15
	23	16	6.00	5.61	0.74	6.15	5.31	0.97	6.75	5.18	1.26	6.13	5.18	1.36	5.89	5.05	1.47
	26	18	6.78	6.13	0.88	6.95	5.80	1.15	7.63	5.66	1.49	6.94	5.66	1.62	6.66	5.51	1.75
	27	19	7.59	6.54	1.03	7.78	6.20	1.34	7.70	6.04	1.75	7	6.04	1.9	6.72	5.89	2.05
	30	22	7.82	6.82	1.05	8.02	6.46	1.36	7.93	6.30	1.77	7.21	6.30	1.92	6.92	6.14	2.08
	32	24	7.96	7.13	1.05	8.17	6.75	1.37	8.08	6.58	1.78	7.35	6.58	1.94	7.05	6.42	2.09

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
H	20	14	4.78	4.64	0.56	4.90	4.39	0.73	5.38	4.28	0.95	6.23	4.28	1.03	4.69	4.17	1.11
	23	16	5.82	5.44	0.72	5.96	5.15	0.94	6.54	5.02	1.22	6.49	5.02	1.32	5.71	4.90	1.43
	26	18	6.58	5.95	0.86	6.75	5.63	1.12	7.40	5.49	1.45	6.69	5.49	1.58	6.46	5.35	1.70
	27	19	7.36	6.35	1.00	7.55	6.01	1.30	7.47	5.86	1.70	6.79	5.86	1.84	6.52	5.71	1.99
	30	22	7.58	6.62	1.02	7.78	6.27	1.32	7.69	6.11	1.72	6.99	6.11	1.87	6.71	5.96	2.01
	32	24	7.73	6.92	1.02	7.92	6.55	1.33	7.84	6.38	1.73	7.13	6.38	1.88	6.84	6.22	2.03
M	20	14	4.53	4.40	0.53	4.65	4.17	0.69	5.10	4.06	0.90	5.91	4.06	0.98	4.45	3.96	1.05
	23	16	5.52	5.16	0.68	5.66	4.89	0.89	6.21	4.77	1.16	6.15	4.77	1.26	5.42	4.64	1.36
	26	18	6.24	5.64	0.81	6.40	5.34	1.06	7.02	5.20	1.37	6.34	5.20	1.49	6.13	5.07	1.61
	27	19	6.98	6.02	0.95	7.16	5.70	1.24	7.08	5.56	1.61	6.44	5.56	1.75	6.18	5.42	1.89
	30	22	7.19	6.28	0.96	7.37	5.94	1.25	7.30	5.79	1.63	6.63	5.79	1.77	6.37	5.65	1.91
	32	24	7.33	6.56	0.97	7.51	6.21	1.26	7.44	6.05	1.64	6.76	6.05	1.78	6.49	5.90	1.92
L	20	14	4.43	4.31	0.52	4.55	4.08	0.68	4.99	3.97	0.88	5.78	3.97	0.96	4.36	3.87	1.03
	23	16	5.40	5.05	0.67	5.53	4.78	0.87	6.07	4.66	1.13	6.02	4.66	1.23	5.30	4.54	1.33
	26	18	6.10	5.52	0.80	6.26	5.22	1.03	6.87	5.09	1.34	6.21	5.09	1.46	5.99	4.96	1.58
	27	19	6.83	5.89	0.93	7.00	5.58	1.21	6.93	5.44	1.57	6.30	5.44	1.71	6.05	5.30	1.85
	30	22	7.03	6.14	0.94	7.21	5.81	1.22	7.14	5.67	1.59	6.49	5.67	1.73	6.23	5.53	1.87
	32	24	7.17	6.42	0.95	7.35	6.08	1.23	7.27	5.92	1.60	6.61	5.92	1.74	6.35	5.77	1.88

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	5.88	2.01	5.86	2.07	5.84	2.14	5.84	2.22	5.82	2.28
	-5	-5.6	6.55	2.14	6.53	2.19	6.52	2.26	6.52	2.33	6.50	2.38
	0	-0.7	7.23	2.25	7.21	2.29	7.19	2.36	7.19	2.42	7.17	2.46
	7	6.0	8.04	2.36	8.02	2.40	8.00	2.45	7.69	2.37	7.25	2.22
	10	8.0	8.28	2.42	8.26	2.45	8.00	2.40	7.69	2.21	7.25	2.07
H	-10	-11.0	5.70	1.94	5.68	2.00	5.67	2.07	5.67	2.15	5.65	2.21
	-5	-5.6	6.36	2.07	6.34	2.13	6.32	2.19	6.32	2.26	6.30	2.31
	0	-0.7	7.01	2.18	6.99	2.22	6.97	2.29	6.97	2.35	6.96	2.39
	7	6.0	7.80	2.29	7.78	2.33	7.76	2.38	7.46	2.30	7.03	2.15
	10	8.0	8.03	2.35	8.01	2.38	7.76	2.33	7.46	2.14	7.03	2.01
M	-10	-11.0	5.41	1.84	5.39	1.90	5.37	1.97	5.37	2.04	5.36	2.10
	-5	-5.6	6.03	1.97	6.01	2.02	5.99	2.08	5.99	2.14	5.98	2.19
	0	-0.7	6.65	2.07	6.63	2.11	6.61	2.17	6.61	2.23	6.60	2.27
	7	6.0	7.40	2.17	7.38	2.21	7.36	2.25	7.08	2.18	6.67	2.04
	10	8.0	7.62	2.23	7.60	2.25	7.36	2.21	7.08	2.03	6.67	1.91

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Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
L	-10	-11.0	5.29	1.80	5.27	1.86	5.26	1.92	5.26	2.00	5.24	2.05
	-5	-5.6	5.90	1.92	5.88	1.97	5.86	2.03	5.86	2.10	5.85	2.14
	0	-0.7	6.51	2.02	6.49	2.06	6.47	2.12	6.47	2.18	6.45	2.22
	7	6.0	7.24	2.12	7.22	2.16	7.20	2.21	6.92	2.13	6.53	2.00
	10	8.0	7.45	2.18	7.43	2.21	7.20	2.16	6.92	1.99	6.53	1.86

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD85ZD/A-T Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	5.98	5.78	0.85	6.14	5.47	1.11	6.73	5.34	1.44	6.12	5.34	1.56	5.88	5.20	1.69
	23	16	7.28	6.78	1.10	7.47	6.42	1.42	8.19	6.26	1.85	7.45	6.26	2.01	7.15	6.10	2.17
	26	18	8.23	7.41	1.30	8.45	7.01	1.69	9.27	6.84	2.20	8.42	6.84	2.39	8.09	6.67	2.58
	27	19	9.21	7.91	1.52	9.45	7.49	1.98	9.35	7.30	2.58	8.5	7.3	2.8	8.16	7.12	3.02
	30	22	9.49	8.25	1.54	9.73	7.81	2.01	9.63	7.61	2.61	8.76	7.61	2.83	8.41	7.42	3.06
	32	24	9.67	8.62	1.55	9.92	8.16	2.02	9.81	7.95	2.63	8.92	7.95	2.85	8.57	7.75	3.08
H	20	14	5.80	5.61	0.83	5.95	5.31	1.07	6.53	5.18	1.40	7.56	5.18	1.52	5.70	5.05	1.64
	23	16	7.06	6.58	1.06	7.24	6.23	1.38	7.95	6.07	1.80	7.88	6.07	1.95	6.94	5.92	2.11
	26	18	7.99	7.19	1.26	8.19	6.80	1.64	8.99	6.63	2.14	8.12	6.63	2.32	7.85	6.47	2.51
	27	19	8.94	7.67	1.48	9.17	7.26	1.92	9.07	7.08	2.50	8.25	7.08	2.72	7.92	6.90	2.93
	30	22	9.21	8.00	1.50	9.44	7.57	1.95	9.34	7.38	2.53	8.49	7.38	2.75	8.15	7.20	2.97
M	32	24	9.38	8.36	1.51	9.62	7.91	1.96	9.52	7.72	2.55	8.65	7.72	2.77	8.31	7.52	2.99
	20	14	5.50	5.32	0.78	5.64	5.04	1.02	6.19	4.91	1.32	7.17	4.91	1.44	5.41	4.79	1.55
	23	16	6.70	6.24	1.01	6.87	5.91	1.31	7.54	5.76	1.70	7.47	5.76	1.85	6.58	5.61	2.00
	26	18	7.58	6.82	1.20	7.77	6.45	1.56	8.53	6.29	2.03	7.70	6.29	2.20	7.44	6.13	2.38
	27	19	8.48	7.28	1.40	8.69	6.89	1.82	8.60	6.72	2.37	7.82	6.72	2.58	7.51	6.55	2.78
M	30	22	8.73	7.59	1.42	8.95	7.18	1.85	8.86	7.00	2.40	8.05	7.00	2.61	7.73	6.83	2.82
	32	24	8.90	7.93	1.43	9.12	7.51	1.86	9.03	7.32	2.42	8.21	7.32	2.63	7.88	7.13	2.84

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
L	20	14	5.38	5.20	0.77	5.52	4.93	1.00	6.06	4.80	1.30	7.02	4.80	1.41	5.29	4.68	1.52
	23	16	6.55	6.10	0.99	6.72	5.78	1.28	7.37	5.63	1.67	7.31	5.63	1.81	6.44	5.49	1.95
	26	18	7.41	6.67	1.17	7.60	6.31	1.52	8.34	6.15	1.98	7.54	6.15	2.15	7.28	6.00	2.33
	27	19	8.29	7.12	1.37	8.51	6.74	1.78	8.42	6.57	2.32	7.65	6.57	2.52	7.34	6.40	2.72
	30	22	8.54	7.42	1.39	8.76	7.03	1.81	8.67	6.85	2.35	7.88	6.85	2.55	7.56	6.68	2.75
	32	24	8.70	7.76	1.40	8.93	7.34	1.82	8.83	7.16	2.36	8.03	7.16	2.57	7.71	6.98	2.77

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	6.47	2.17	6.45	2.23	6.43	2.31	6.43	2.40	6.40	2.47
	-5	-5.6	7.21	2.31	7.19	2.37	7.17	2.45	7.17	2.52	7.15	2.57
	0	-0.7	7.95	2.43	7.93	2.48	7.91	2.55	7.91	2.62	7.89	2.66
	7	6.0	8.84	2.55	8.82	2.60	8.80	2.65	8.46	2.56	7.98	2.40
	10	8.0	9.11	2.62	9.09	2.65	8.80	2.60	8.46	2.39	7.98	2.24
H	-10	-11.0	6.27	2.10	6.25	2.17	6.23	2.24	6.23	2.33	6.21	2.39
	-5	-5.6	6.99	2.24	6.97	2.30	6.95	2.37	6.95	2.44	6.93	2.49
	0	-0.7	7.71	2.36	7.69	2.40	7.67	2.47	7.67	2.54	7.65	2.58
	7	6.0	8.58	2.47	8.56	2.52	8.54	2.57	8.21	2.49	7.74	2.33
	10	8.0	8.83	2.54	8.81	2.57	8.54	2.52	8.21	2.31	7.74	2.17
M	-10	-11.0	5.95	2.00	5.93	2.06	5.91	2.13	5.91	2.21	5.89	2.27
	-5	-5.6	6.63	2.13	6.61	2.18	6.59	2.25	6.59	2.32	6.57	2.37
	0	-0.7	7.32	2.24	7.30	2.28	7.28	2.35	7.28	2.41	7.26	2.45
	7	6.0	8.14	2.35	8.12	2.39	8.10	2.44	7.78	2.36	7.34	2.21
	10	8.0	8.38	2.41	8.36	2.44	8.10	2.39	7.78	2.20	7.34	2.06
L	-10	-11.0	5.82	1.95	5.80	2.01	5.78	2.08	5.78	2.16	5.76	2.22
	-5	-5.6	6.49	2.08	6.47	2.14	6.45	2.20	6.45	2.27	6.43	2.31
	0	-0.7	7.16	2.19	7.14	2.23	7.12	2.30	7.12	2.36	7.10	2.40
	7	6.0	7.96	2.30	7.94	2.34	7.92	2.39	7.62	2.31	7.18	2.16
	10	8.0	8.20	2.36	8.18	2.39	7.92	2.34	7.62	2.15	7.18	2.02

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

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GUD100ZD/A-T Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	7.04	6.08	1.00	7.22	5.76	1.30	7.92	5.61	1.70	7.20	5.61	1.84	6.91	5.47	1.99
	23	16	8.57	7.13	1.29	8.78	6.76	1.68	9.64	6.59	2.18	8.76	6.59	2.37	8.41	6.42	2.56
	26	18	9.69	7.79	1.54	9.94	7.38	2.00	10.90	7.19	2.60	9.91	7.19	2.82	9.51	7.01	3.05
	27	19	10.84	8.32	1.80	11.12	7.88	2.34	11.00	7.68	3.04	10.00	7.68	3.30	9.60	7.49	3.56
	30	22	11.17	8.68	1.82	11.45	8.22	2.36	11.33	8.01	3.07	10.30	8.01	3.34	9.89	7.81	3.61
	32	24	11.38	9.07	1.83	11.67	8.58	2.38	11.55	8.37	3.09	10.50	8.37	3.36	10.08	8.16	3.63
H	20	14	6.83	5.90	0.97	7.00	5.59	1.27	7.68	5.45	1.65	8.90	5.45	1.79	6.71	5.31	1.93
	23	16	8.31	6.92	1.25	8.52	6.55	1.63	9.35	6.39	2.12	9.27	6.39	2.30	8.16	6.23	2.48
	26	18	9.40	7.56	1.49	9.64	7.16	1.94	10.57	6.98	2.52	9.55	6.98	2.74	9.23	6.80	2.95
	27	19	10.52	8.07	1.74	10.78	7.64	2.27	10.67	7.45	2.95	9.70	7.45	3.20	9.31	7.26	3.46
	30	22	10.83	8.42	1.76	11.11	7.97	2.29	10.99	7.77	2.98	9.99	7.77	3.24	9.59	7.57	3.50
	32	24	11.04	8.79	1.78	11.32	8.33	2.31	11.20	8.12	3.00	10.18	8.12	3.26	9.77	7.91	3.52
M	20	14	6.48	5.60	0.92	6.64	5.30	1.20	7.29	5.17	1.56	8.44	5.17	1.70	6.36	5.03	1.83
	23	16	7.88	6.56	1.19	8.08	6.22	1.54	8.87	6.06	2.01	8.79	6.06	2.18	7.74	5.91	2.36
	26	18	8.91	7.17	1.41	9.14	6.79	1.84	10.03	6.62	2.39	9.06	6.62	2.59	8.75	6.45	2.80
	27	19	9.97	7.65	1.65	10.23	7.25	2.15	10.12	7.07	2.79	9.20	7.07	3.04	8.83	6.89	3.28
	30	22	10.27	7.98	1.67	10.54	7.56	2.17	10.42	7.37	2.83	9.48	7.37	3.07	9.10	7.18	3.32
	32	24	10.47	8.34	1.68	10.74	7.90	2.19	10.62	7.70	2.85	9.66	7.70	3.09	9.27	7.50	3.34
L	20	14	6.33	5.47	0.90	6.50	5.18	1.17	7.13	5.05	1.53	8.26	5.05	1.66	6.22	4.93	1.79
	23	16	7.71	6.42	1.16	7.91	6.08	1.51	8.68	5.93	1.96	8.60	5.93	2.13	7.57	5.78	2.30
	26	18	8.72	7.01	1.38	8.94	6.64	1.80	9.81	6.47	2.34	8.87	6.47	2.54	8.56	6.31	2.74
	27	19	9.76	7.49	1.62	10.01	7.09	2.10	9.90	6.91	2.73	9.00	6.91	2.97	8.64	6.74	3.21
	30	22	10.05	7.81	1.64	10.31	7.39	2.13	10.20	7.21	2.77	9.27	7.21	3.01	8.90	7.03	3.25
	32	24	10.24	8.16	1.65	10.50	7.73	2.14	10.39	7.53	2.79	9.45	7.53	3.03	9.07	7.34	3.27

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	8.82	2.86	8.79	2.95	8.76	3.06	8.76	3.17	8.73	3.26
	-5	-5.6	9.83	3.06	9.80	3.13	9.77	3.23	9.77	3.33	9.75	3.40
	0	-0.7	10.84	3.21	10.82	3.27	10.78	3.37	10.78	3.46	10.76	3.52
	7	6	12.06	3.37	12.03	3.43	12	3.5	11.54	3.39	10.88	3.17
	10	8	12.42	3.46	12.39	3.50	12.00	3.43	11.54	3.15	10.88	2.96
H	-10	-11	8.55	2.78	8.53	2.86	8.50	2.96	8.50	3.07	8.47	3.16
	-5	-5.6	9.54	2.96	9.51	3.04	9.48	3.13	9.48	3.23	9.45	3.29
	0	-0.7	10.52	3.12	10.49	3.17	10.46	3.27	10.46	3.35	10.43	3.41
	7	6	11.70	3.27	11.67	3.33	11.64	3.40	11.19	3.28	10.55	3.07
	10	8	12.05	3.35	12.02	3.40	11.64	3.33	11.19	3.06	10.55	2.87

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
M	-10	-11	8.11	2.64	8.09	2.71	8.06	2.81	8.06	2.92	8.03	3.00
	-5	-5.6	9.05	2.81	9.02	2.88	8.99	2.97	8.99	3.06	8.97	3.12
	0	-0.7	9.98	2.96	9.95	3.01	9.92	3.10	9.92	3.18	9.90	3.24
	7	6	11.09	3.10	11.07	3.16	11.04	3.22	10.62	3.12	10.01	2.91
	10	8	11.43	3.18	11.40	3.22	11.04	3.16	10.62	2.90	10.01	2.72
L	-10	-11	7.94	2.58	7.91	2.66	7.89	2.75	7.89	2.85	7.86	2.93
	-5	-5.6	8.85	2.75	8.82	2.82	8.80	2.91	8.80	2.99	8.77	3.06
	0	-0.7	9.76	2.89	9.73	2.95	9.71	3.03	9.71	3.11	9.68	3.17
	7	6	10.85	3.03	10.83	3.09	10.80	3.15	10.39	3.05	9.79	2.85
	10	8	11.18	3.11	11.15	3.15	10.80	3.09	10.39	2.84	9.79	2.66

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD125ZD/A-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	8.52	7.41	1.19	8.73	7.02	1.54	9.58	6.84	2.00	8.71	6.84	2.18	8.36	6.67	2.35
	23	16	10.36	8.70	1.53	10.63	8.23	1.98	11.66	8.03	2.58	10.60	8.03	2.80	10.18	7.82	3.03
	26	18	11.72	9.50	1.82	12.02	8.99	2.36	13.19	8.77	3.07	11.99	8.77	3.33	11.51	8.55	3.60
	27	19	13.12	10.14	2.12	13.45	9.60	2.76	13.31	9.36	3.59	12.1	9.36	3.9	11.62	9.12	4.21
	30	22	13.51	10.57	2.15	13.86	10.01	2.79	13.71	9.76	3.63	12.46	9.76	3.95	11.97	9.51	4.26
	32	24	13.77	11.05	2.16	14.12	10.46	2.81	13.97	10.20	3.66	12.70	10.20	3.97	12.19	9.94	4.29
H	20	14	8.26	7.19	1.15	8.47	6.81	1.50	9.30	6.64	1.94	10.77	6.64	2.11	8.11	6.47	2.28
	23	16	10.05	8.43	1.48	10.31	7.99	1.92	11.31	7.79	2.50	11.21	7.79	2.72	9.87	7.59	2.93
	26	18	11.37	9.21	1.76	11.66	8.72	2.29	12.80	8.50	2.98	11.56	8.50	3.23	11.17	8.29	3.49
	27	19	12.72	9.84	2.06	13.05	9.31	2.68	12.91	9.08	3.48	11.74	9.08	3.78	11.27	8.85	4.09
	30	22	13.11	10.26	2.08	13.44	9.71	2.71	13.30	9.47	3.52	12.09	9.47	3.83	11.61	9.23	4.13
	32	24	13.35	10.72	2.10	13.70	10.15	2.73	13.55	9.89	3.55	12.32	9.89	3.86	11.83	9.64	4.16

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
M	20	14	7.84	6.82	1.09	8.04	6.46	1.42	8.82	6.30	1.84	10.21	6.30	2.00	7.70	6.14	2.16
	23	16	9.54	8.00	1.40	9.78	7.57	1.82	10.73	7.38	2.37	10.64	7.38	2.58	9.37	7.20	2.78
	26	18	10.78	8.74	1.67	11.06	8.27	2.17	12.14	8.07	2.82	10.97	8.07	3.07	10.59	7.86	3.31
	27	19	12.07	9.33	1.95	12.38	8.83	2.54	12.25	8.61	3.30	11.13	8.61	3.59	10.69	8.39	3.88
	30	22	12.43	9.73	1.98	12.75	9.21	2.57	12.61	8.98	3.34	11.47	8.98	3.63	11.01	8.75	3.92
	32	24	12.67	10.17	1.99	12.99	9.62	2.59	12.85	9.38	3.36	11.68	9.38	3.66	11.22	9.15	3.95
L	20	14	7.67	6.67	1.07	7.86	6.32	1.39	8.63	6.16	1.80	9.99	6.16	1.96	7.53	6.00	2.12
	23	16	9.33	7.83	1.37	9.57	7.41	1.78	10.50	7.22	2.32	10.40	7.22	2.52	9.16	7.04	2.72
	26	18	10.55	8.55	1.63	10.82	8.09	2.12	11.87	7.89	2.76	10.73	7.89	3.00	10.36	7.69	3.24
	27	19	11.81	9.13	1.91	12.11	8.64	2.48	11.98	8.42	3.23	10.89	8.42	3.51	10.46	8.21	3.79
	30	22	12.16	9.52	1.93	12.47	9.01	2.51	12.34	8.78	3.27	11.22	8.78	3.55	10.77	8.56	3.84
	32	24	12.39	9.94	1.95	12.71	9.42	2.53	12.57	9.18	3.29	11.43	9.18	3.58	10.97	8.95	3.86

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	9.92	3.23	9.89	3.33	9.86	3.45	9.86	3.58	9.82	3.68
	-5	-5.6	11.06	3.45	11.03	3.54	11.00	3.64	11.00	3.75	10.96	3.83
	0	-0.7	12.20	3.63	12.17	3.69	12.13	3.80	12.13	3.90	12.10	3.97
	7	6	13.57	3.80	13.53	3.87	13.50	3.95	12.98	3.82	12.24	3.58
	10	8	13.97	3.90	13.94	3.95	13.50	3.87	12.98	3.56	12.24	3.34
H	-10	-11	9.62	3.14	9.59	3.23	9.56	3.34	9.56	3.47	9.53	3.57
	-5	-5.6	10.73	3.34	10.70	3.43	10.67	3.54	10.67	3.64	10.63	3.72
	0	-0.7	11.83	3.52	11.80	3.58	11.77	3.69	11.77	3.78	11.74	3.85
	7	6	13.16	3.69	13.13	3.76	13.10	3.83	12.59	3.71	11.87	3.47
	10	8	13.55	3.79	13.52	3.83	13.10	3.76	12.59	3.45	11.87	3.24
M	-10	-11	9.13	2.97	9.10	3.06	9.07	3.17	9.07	3.29	9.04	3.38
	-5	-5.6	10.18	3.17	10.14	3.25	10.12	3.35	10.12	3.45	10.09	3.53
	0	-0.7	11.22	3.34	11.19	3.40	11.16	3.50	11.16	3.59	11.13	3.65
	7	6	12.48	3.50	12.45	3.56	12.42	3.63	11.94	3.52	11.26	3.29
	10	8	12.85	3.59	12.82	3.64	12.42	3.56	11.94	3.27	11.26	3.07
L	-10	-11	8.93	2.91	8.90	3.00	8.87	3.10	8.87	3.22	8.84	3.31
	-5	-5.6	9.96	3.10	9.92	3.18	9.90	3.28	9.90	3.38	9.87	3.45
	0	-0.7	10.98	3.26	10.95	3.32	10.92	3.42	10.92	3.51	10.89	3.57
	7	6	12.21	3.42	12.18	3.48	12.15	3.56	11.68	3.44	11.01	3.22
	10	8	12.57	3.51	12.54	3.56	12.15	3.49	11.68	3.20	11.01	3.01

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD140ZD/A-T
Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	9.43	8.95	1.34	9.67	8.47	1.74	10.61	8.26	2.26	9.65	8.26	2.46	9.26	8.05	2.65
	23	16	11.48	10.50	1.72	11.77	9.94	2.24	12.92	9.69	2.91	11.74	9.69	3.16	11.27	9.45	3.41
	26	18	12.98	11.47	2.05	13.31	10.86	2.66	14.61	10.58	3.46	13.28	10.58	3.76	12.75	10.32	4.06
	27	19	14.53	12.24	2.40	14.90	11.59	3.11	14.74	11.30	4.05	13.40	11.30	4.40	12.86	11.01	4.75
	30	22	14.96	12.77	2.42	15.34	12.09	3.15	15.18	11.78	4.10	13.80	11.78	4.45	13.25	11.49	4.81
	32	24	15.25	13.34	2.44	15.64	12.63	3.17	15.47	12.31	4.13	14.06	12.31	4.48	13.50	12.00	4.84
H	20	14	9.15	8.68	1.30	9.38	8.22	1.69	10.29	8.01	2.19	11.92	8.01	2.38	8.99	7.81	2.57
	23	16	11.13	10.18	1.67	11.42	9.64	2.17	12.53	9.40	2.82	12.42	9.40	3.07	10.94	9.16	3.31
	26	18	12.59	11.12	1.99	12.91	10.53	2.58	14.17	10.27	3.36	12.80	10.27	3.65	12.37	10.01	3.94
	27	19	14.09	11.87	2.32	14.45	11.24	3.02	14.30	10.96	3.93	13.00	10.96	4.27	12.48	10.68	4.61
	30	22	14.51	12.38	2.35	14.88	11.72	3.06	14.73	11.43	3.97	13.39	11.43	4.32	12.85	11.14	4.66
	32	24	14.79	12.94	2.37	15.17	12.25	3.08	15.01	11.94	4.00	13.64	11.94	4.35	13.10	11.64	4.70
M	20	14	8.68	8.23	1.23	8.90	7.80	1.60	9.76	7.60	2.08	11.31	7.60	2.26	8.52	7.41	2.44
	23	16	10.56	9.66	1.58	10.83	9.14	2.06	11.88	8.91	2.68	11.78	8.91	2.91	10.37	8.69	3.14
	26	18	11.94	10.55	1.88	12.25	9.99	2.45	13.44	9.74	3.18	12.14	9.74	3.46	11.73	9.49	3.74
	27	19	13.36	11.26	2.20	13.71	10.66	2.87	13.56	10.40	3.73	12.33	10.40	4.05	11.84	10.13	4.37
	30	22	13.77	11.74	2.23	14.12	11.12	2.90	13.97	10.84	3.77	12.70	10.84	4.10	12.19	10.57	4.42
	32	24	14.03	12.27	2.25	14.39	11.62	2.92	14.23	11.33	3.80	12.94	11.33	4.13	12.42	11.04	4.46
L	20	14	8.49	8.05	1.20	8.71	7.63	1.57	9.55	7.43	2.04	11.06	7.43	2.21	8.34	7.25	2.39
	23	16	10.33	9.45	1.55	10.59	8.95	2.01	11.62	8.72	2.62	11.52	8.72	2.84	10.15	8.50	3.07
	26	18	11.68	10.32	1.84	11.98	9.77	2.40	13.15	9.53	3.11	11.88	9.53	3.38	11.48	9.29	3.66
	27	19	13.07	11.02	2.16	13.41	10.43	2.80	13.27	10.17	3.64	12.06	10.17	3.96	11.58	9.91	4.28
	30	22	13.47	11.49	2.18	13.81	10.88	2.84	13.66	10.60	3.69	12.42	10.60	4.01	11.93	10.34	4.33
	32	24	13.72	12.01	2.20	14.07	11.37	2.86	13.92	11.08	3.71	12.66	11.08	4.04	12.15	10.80	4.36

U-Match 5 SERIES AIR CONDITIONERS TSG

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11	11.39	3.56	11.35	3.67	11.32	3.80	11.32	3.94	11.28	4.05
	-5	-5.6	12.70	3.80	12.66	3.89	12.62	4.01	12.62	4.13	12.59	4.22
	0	-0.7	14.01	3.99	13.97	4.07	13.93	4.19	13.93	4.30	13.89	4.37
	7	6	15.58	4.19	15.54	4.26	15.5	4.35	14.90	4.21	14.05	3.94
	10	8	16.04	4.30	16.00	4.35	15.50	4.26	14.90	3.92	14.05	3.68
H	-10	-11	11.05	3.45	11.01	3.56	10.98	3.68	10.98	3.82	10.94	3.93
	-5	-5.6	12.32	3.68	12.28	3.78	12.25	3.89	12.25	4.01	12.21	4.09
	0	-0.7	13.59	3.87	13.55	3.95	13.51	4.06	13.51	4.17	13.48	4.24
	7	6	15.11	4.06	15.07	4.14	15.04	4.22	14.46	4.08	13.63	3.82
	10	8	15.56	4.17	15.52	4.22	15.04	4.14	14.46	3.80	13.63	3.57
M	-10	-11	10.48	3.28	10.45	3.37	10.41	3.49	10.41	3.62	10.38	3.72
	-5	-5.6	11.68	3.49	11.65	3.58	11.61	3.69	11.61	3.80	11.58	3.88
	0	-0.7	12.89	3.67	12.85	3.74	12.82	3.85	12.82	3.95	12.78	4.02
	7	6	14.33	3.85	14.30	3.92	14.26	4.00	13.71	3.87	12.93	3.62
	10	8	14.76	3.95	14.72	4.00	14.26	3.92	13.71	3.60	12.93	3.38
L	-10	-11	10.25	3.20	10.22	3.30	10.19	3.42	10.19	3.54	10.15	3.64
	-5	-5.6	11.43	3.42	11.39	3.51	11.36	3.61	11.36	3.72	11.33	3.80
	0	-0.7	12.61	3.59	12.57	3.66	12.54	3.77	12.54	3.87	12.50	3.93
	7	6	14.02	3.77	13.99	3.84	13.95	3.92	13.41	3.79	12.64	3.54
	10	8	14.44	3.87	14.40	3.92	13.95	3.84	13.41	3.53	12.64	3.31

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SHC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	7.5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD160ZD/A-T
Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
Turbo	20	14	11.26	10.69	1.66	11.55	10.12	2.15	12.67	9.87	2.80	11.52	9.87	3.04	11.06	9.62	3.29
	23	16	13.71	12.54	2.13	14.06	11.88	2.77	15.42	11.58	3.60	14.02	11.58	3.91	13.46	11.28	4.23
	26	18	15.50	13.70	2.54	15.90	12.97	3.30	17.44	12.65	4.29	15.86	12.65	4.66	15.22	12.33	5.03
	27	19	17.35	14.63	2.97	17.79	13.85	3.86	17.60	13.50	5.02	16	13.5	5.45	15.36	13.16	5.89
	30	22	17.87	15.25	3.00	18.32	14.44	3.90	18.13	14.08	5.08	16.48	14.08	5.52	15.82	13.72	5.96
	32	24	18.21	15.94	3.02	18.67	15.09	3.93	18.47	14.71	5.11	16.79	14.71	5.55	16.12	14.34	6.00
H	20	14	10.92	10.37	1.61	11.20	9.82	2.09	12.29	9.57	2.72	14.24	9.57	2.95	10.73	9.33	3.19
	23	16	13.29	12.17	2.07	13.63	11.52	2.69	14.96	11.23	3.49	14.83	11.23	3.80	13.06	10.95	4.10
	26	18	15.04	13.29	2.46	15.42	12.58	3.20	16.92	12.27	4.16	15.29	12.27	4.52	14.77	11.96	4.88
	27	19	16.83	14.19	2.88	17.25	13.43	3.74	17.07	13.10	4.86	15.52	13.10	5.29	14.90	12.76	5.71
	30	22	17.33	14.79	2.91	17.77	14.01	3.79	17.58	13.65	4.92	15.99	13.65	5.35	15.35	13.31	5.78
	32	24	17.66	15.46	2.93	18.11	14.64	3.81	17.92	14.27	4.96	16.29	14.27	5.39	15.64	13.91	5.82
M	20	14	10.36	9.84	1.52	10.63	9.31	1.98	11.66	9.08	2.58	13.50	9.08	2.80	10.18	8.85	3.02
	23	16	12.61	11.54	1.96	12.93	10.93	2.55	14.19	10.65	3.31	14.06	10.65	3.60	12.38	10.38	3.89
	26	18	14.26	12.60	2.33	14.62	11.93	3.03	16.05	11.63	3.94	14.50	11.63	4.29	14.01	11.34	4.63
	27	19	15.96	13.46	2.73	16.37	12.74	3.55	16.19	12.42	4.61	14.72	12.42	5.01	14.13	12.11	5.42
	30	22	16.44	14.03	2.76	16.86	13.29	3.59	16.68	12.95	4.67	15.16	12.95	5.07	14.56	12.62	5.48
	32	24	16.75	14.66	2.78	17.18	13.88	3.62	16.99	13.53	4.70	15.45	13.53	5.11	14.83	13.19	5.52
L	20	14	10.14	9.62	1.49	10.39	9.11	1.94	11.41	8.88	2.52	13.21	8.88	2.74	9.95	8.66	2.96
	23	16	12.34	11.29	1.92	12.65	10.69	2.49	13.88	10.42	3.24	13.76	10.42	3.52	12.11	10.16	3.80
	26	18	13.95	12.33	2.28	14.31	11.67	2.97	15.70	11.38	3.86	14.18	11.38	4.19	13.70	11.09	4.53
	27	19	15.61	13.16	2.67	16.01	12.46	3.47	15.84	12.15	4.51	14.40	12.15	4.91	13.82	11.84	5.30
	30	22	16.08	13.73	2.70	16.49	13.00	3.51	16.32	12.67	4.57	14.83	12.67	4.96	14.24	12.35	5.36
	32	24	16.39	14.34	2.72	16.80	13.58	3.54	16.63	13.24	4.60	15.11	13.24	5.00	14.51	12.90	5.40

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	12.49	4.09	12.45	4.21	12.41	4.36	12.41	4.53	12.37	4.65
	-5	-5.6	13.93	4.36	13.89	4.48	13.85	4.61	13.85	4.75	13.81	4.85
	0	-0.7	15.36	4.59	15.32	4.68	15.28	4.81	15.28	4.94	15.24	5.03
	7	6.0	17.08	4.81	17.04	4.90	17.00	5.00	16.35	4.84	15.41	4.53
	10	8.0	17.59	4.94	17.55	5.00	17.00	4.90	16.35	4.50	15.41	4.23
H	-10	-11.0	12.12	3.97	12.08	4.09	12.04	4.23	12.04	4.39	12.00	4.51
	-5	-5.6	13.51	4.23	13.47	4.34	13.43	4.48	13.43	4.61	13.39	4.71
	0	-0.7	14.90	4.45	14.86	4.54	14.82	4.67	14.82	4.79	14.78	4.87
	7	6.0	16.57	4.67	16.53	4.75	16.49	4.85	15.86	4.69	14.95	4.39
	10	8.0	17.07	4.79	17.03	4.85	16.49	4.75	15.86	4.37	14.95	4.10

U-Match 5 SERIES AIR CONDITIONERS TSG

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
M	-10	-11.0	11.49	3.76	11.46	3.88	11.42	4.02	11.42	4.17	11.38	4.28
	-5	-5.6	12.81	4.02	12.77	4.12	12.74	4.24	12.74	4.37	12.70	4.46
	0	-0.7	14.13	4.22	14.10	4.30	14.06	4.43	14.06	4.54	14.02	4.62
	7	6.0	15.72	4.43	15.68	4.51	15.64	4.60	15.04	4.45	14.18	4.16
	10	8.0	16.19	4.54	16.15	4.60	15.64	4.51	15.04	4.14	14.18	3.89
L	-10	-11.0	11.24	3.68	11.21	3.79	11.17	3.93	11.17	4.07	11.13	4.19
	-5	-5.6	12.54	3.93	12.50	4.03	12.46	4.15	12.46	4.28	12.43	4.37
	0	-0.7	13.83	4.13	13.79	4.21	13.75	4.33	13.75	4.44	13.71	4.52
	7	6.0	15.37	4.33	15.34	4.41	15.30	4.50	14.71	4.35	13.87	4.07
	10	8.0	15.83	4.45	15.80	4.50	15.30	4.41	14.71	4.05	13.87	3.81

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	7.5m
Outdoor	208-230V~60Hz	

2.Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

6.1.4 Wall Mounted Type

GUD71G/A-T,GUD71G/A1-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Turbo	20	14	5.11	4.25	1.40	4.84	4.03	1.64	4.62	3.93	1.76	6.42	3.93	1.86	6.42	3.83	2.01
	23	16	6.22	4.99	1.40	5.89	4.72	1.64	5.62	4.60	1.76	6.69	4.60	1.86	6.69	4.49	2.01
	26	18	7.04	5.45	1.40	6.66	5.16	1.64	6.36	5.03	1.76	6.90	5.03	1.86	6.90	4.90	2.01
	27	19	7.88	5.82	1.40	7.46	5.51	1.64	7.11	5.37	1.76	7.00	5.37	1.86	6.72	5.23	2.01
	30	22	8.11	6.07	1.40	7.68	5.74	1.64	7.33	5.60	1.76	7.21	5.60	1.86	6.92	5.46	2.01
	32	24	8.27	6.34	1.40	7.83	6.00	1.64	7.47	5.85	1.76	7.35	5.85	1.86	7.05	5.70	2.01
H	20	14	4.96	4.13	1.36	4.70	3.91	1.59	4.48	3.81	1.71	6.23	3.81	1.80	6.23	3.71	1.95
	23	16	6.04	4.84	1.36	5.71	4.58	1.59	5.45	4.47	1.71	6.49	4.47	1.80	6.49	4.35	1.95
	26	18	6.83	5.29	1.36	6.46	5.00	1.59	6.17	4.88	1.71	6.69	4.88	1.80	6.69	4.76	1.95
	27	19	7.64	5.64	1.36	7.23	5.34	1.59	6.90	5.21	1.71	6.79	5.21	1.80	6.52	5.08	1.95
	30	22	7.87	5.88	1.36	7.45	5.57	1.59	7.11	5.43	1.71	6.99	5.43	1.80	6.71	5.29	1.95
	32	24	8.02	6.15	1.36	7.59	5.82	1.59	7.24	5.68	1.71	7.13	5.68	1.80	6.84	5.53	1.95

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
M	20	14	4.70	3.91	1.29	4.45	3.70	1.51	4.25	3.61	1.62	5.91	3.61	1.71	5.91	3.52	1.85
	23	16	5.72	4.59	1.29	5.42	4.35	1.51	5.17	4.24	1.62	6.15	4.24	1.71	6.15	4.13	1.85
	26	18	6.47	5.01	1.29	6.13	4.75	1.51	5.85	4.63	1.62	6.34	4.63	1.71	6.34	4.51	1.85
	27	19	7.25	5.35	1.29	6.86	5.07	1.51	6.55	4.94	1.62	6.44	4.94	1.71	6.18	4.82	1.85
	30	22	7.46	5.58	1.29	7.07	5.28	1.51	6.74	5.15	1.62	6.63	5.15	1.71	6.37	5.02	1.85
	32	24	7.60	5.83	1.29	7.20	5.52	1.51	6.87	5.38	1.62	6.76	5.38	1.71	6.49	5.25	1.85
L	20	14	4.60	3.83	1.26	4.36	3.62	1.48	4.16	3.53	1.59	5.78	3.53	1.67	5.78	3.44	1.81
	23	16	5.60	4.49	1.26	5.30	4.25	1.48	5.06	4.14	1.59	6.02	4.14	1.67	6.02	4.04	1.81
	26	18	6.33	4.90	1.26	6.00	4.64	1.48	5.72	4.53	1.59	6.21	4.53	1.67	6.21	4.41	1.81
	27	19	7.09	5.24	1.26	6.71	4.96	1.48	6.40	4.83	1.59	6.30	4.83	1.67	6.05	4.71	1.81
	30	22	7.30	5.46	1.26	6.91	5.17	1.48	6.59	5.04	1.59	6.49	5.04	1.67	6.23	4.91	1.81
	32	24	7.44	5.71	1.26	7.04	5.40	1.48	6.72	5.27	1.59	6.61	5.27	1.67	6.35	5.13	1.81

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
Turbo	-10	-11.0	5.88	1.80	5.86	1.85	5.84	1.92	5.84	1.99	5.82	2.05
	-5	-5.6	6.55	1.92	6.53	1.97	6.52	2.03	6.52	2.09	6.50	2.13
	0	-0.7	7.23	2.02	7.21	2.06	7.19	2.12	7.19	2.17	7.17	2.21
	7	6.0	8.04	2.12	8.02	2.16	8.00	2.20	7.69	2.13	7.25	1.99
	10	8.0	8.28	2.17	8.26	2.20	8.00	2.16	7.69	1.98	7.25	1.86
H	-10	-11.0	5.70	1.75	5.68	1.80	5.67	1.86	5.67	1.93	5.65	1.99
	-5	-5.6	6.36	1.86	6.34	1.91	6.32	1.97	6.32	2.03	6.30	2.07
	0	-0.7	7.01	1.96	6.99	2.00	6.97	2.05	6.97	2.11	6.96	2.14
	7	6.0	7.80	2.05	7.78	2.09	7.76	2.13	7.46	2.06	7.03	1.93
	10	8.0	8.03	2.11	8.01	2.13	7.76	2.09	7.46	1.92	7.03	1.80
M	-10	-11.0	5.41	1.66	5.39	1.71	5.37	1.77	5.37	1.83	5.36	1.88
	-5	-5.6	6.03	1.77	6.01	1.81	5.99	1.87	5.99	1.92	5.98	1.96
	0	-0.7	6.65	1.86	6.63	1.89	6.61	1.95	6.61	2.00	6.60	2.03
	7	6.0	7.40	1.95	7.38	1.98	7.36	2.02	7.08	1.96	6.67	1.83
	10	8.0	7.62	2.00	7.60	2.02	7.36	1.98	7.08	1.82	6.67	1.71
L	-10	-11.0	5.29	1.62	5.27	1.67	5.26	1.73	5.26	1.79	5.24	1.84
	-5	-5.6	5.90	1.73	5.88	1.77	5.86	1.83	5.86	1.88	5.85	1.92
	0	-0.7	6.51	1.82	6.49	1.85	6.47	1.91	6.47	1.96	6.45	1.99
	7	6.0	7.24	1.91	7.22	1.94	7.20	1.98	6.92	1.92	6.53	1.79
	10	8.0	7.45	1.96	7.43	1.98	7.20	1.94	6.92	1.78	6.53	1.67

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

U-Match 5 SERIES AIR CONDITIONERS TSG

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

GUD100G/A-T, GUD100G/A1-T

Cooling

Fan Speed	Indoor Air Temperature °C		Outdoor Dry Bulb Temperature °C														
			20			25			30			35			40		
	DB	WB	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI	TC	SC	PI
Turbo	20	14	7.30	5.96	2.26	6.92	5.65	2.65	6.60	5.50	2.84	9.17	5.50	3.00	9.17	5.37	3.24
	23	16	8.89	7.00	2.26	8.42	6.62	2.65	8.03	6.46	2.84	9.55	6.46	3.00	9.55	6.29	3.24
	26	18	10.05	7.64	2.26	9.52	7.24	2.65	9.08	7.05	2.84	9.85	7.05	3.00	9.85	6.88	3.24
	27	19	11.25	8.16	2.26	10.65	7.72	2.65	10.16	7.53	2.84	10.00	7.53	3.00	9.60	7.34	3.24
	30	22	11.59	8.51	2.26	10.97	8.05	2.65	10.47	7.85	2.84	10.30	7.85	3.00	9.89	7.65	3.24
	32	24	11.81	8.89	2.26	11.18	8.42	2.65	10.67	8.20	2.84	10.50	8.20	3.00	10.08	8.00	3.24
H	20	14	7.09	5.78	2.19	6.71	5.48	2.57	6.40	5.34	2.76	8.90	5.34	2.91	8.90	5.20	3.14
	23	16	8.62	6.79	2.19	8.16	6.43	2.57	7.79	6.26	2.76	9.27	6.26	2.91	9.27	6.11	3.14
	26	18	9.75	7.41	2.19	9.23	7.02	2.57	8.81	6.84	2.76	9.55	6.84	2.91	9.55	6.67	3.14
	27	19	10.91	7.91	2.19	10.33	7.49	2.57	9.86	7.30	2.76	9.70	7.30	2.91	9.31	7.12	3.14
	30	22	11.24	8.25	2.19	10.64	7.81	2.57	10.15	7.62	2.76	9.99	7.62	2.91	9.59	7.42	3.14
	32	24	11.45	8.62	2.19	10.84	8.16	2.57	10.35	7.96	2.76	10.18	7.96	2.91	9.77	7.76	3.14
M	20	14	6.72	5.49	2.08	6.36	5.20	2.44	6.07	5.06	2.62	8.44	5.06	2.76	8.44	4.94	2.98
	23	16	8.18	6.44	2.08	7.74	6.09	2.44	7.39	5.94	2.62	8.79	5.94	2.76	8.79	5.79	2.98
	26	18	9.25	7.03	2.08	8.76	6.66	2.44	8.36	6.49	2.62	9.06	6.49	2.76	9.06	6.33	2.98
	27	19	10.35	7.51	2.08	9.80	7.11	2.44	9.35	6.93	2.62	9.20	6.93	2.76	8.83	6.75	2.98
	30	22	10.66	7.83	2.08	10.09	7.41	2.44	9.63	7.22	2.62	9.48	7.22	2.76	9.10	7.04	2.98
	32	24	10.86	8.18	2.08	10.29	7.74	2.44	9.81	7.55	2.62	9.66	7.55	2.76	9.27	7.36	2.98
L	20	14	6.57	5.37	2.04	6.22	5.08	2.38	5.94	4.95	2.56	8.26	4.95	2.70	8.26	4.83	2.92
	23	16	8.00	6.30	2.04	7.58	5.96	2.38	7.23	5.81	2.56	8.60	5.81	2.70	8.60	5.66	2.92
	26	18	9.05	6.88	2.04	8.57	6.51	2.38	8.17	6.35	2.56	8.87	6.35	2.70	8.87	6.19	2.92
	27	19	10.13	7.34	2.04	9.59	6.95	2.38	9.15	6.78	2.56	9.00	6.78	2.70	8.64	6.61	2.92
	30	22	10.43	7.66	2.04	9.87	7.25	2.38	9.42	7.07	2.56	9.27	7.07	2.70	8.90	6.89	2.92
	32	24	10.63	8.00	2.04	10.06	7.57	2.38	9.60	7.38	2.56	9.45	7.38	2.70	9.07	7.20	2.92

Heating

Fan Speed	Outdoor Air Temperature °C		Indoor Dry Bulb Temperature °C									
			16		18		20		22		24	
	DB	WB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
Turbo	-10	-11.0	8.82	2.95	8.79	3.03	8.76	3.14	8.76	3.26	8.73	3.35
	-5	-5.6	9.83	3.14	9.80	3.22	9.77	3.32	9.77	3.42	9.75	3.49
	0	-0.7	10.84	3.30	10.82	3.37	10.78	3.47	10.78	3.56	10.76	3.62
	7	6.0	12.06	3.47	12.03	3.53	12.00	3.60	11.54	3.48	10.88	3.26
	10	8.0	12.42	3.56	12.39	3.60	12.00	3.53	11.54	3.24	10.88	3.04
H	-10	-11.0	8.55	2.86	8.53	2.94	8.50	3.05	8.50	3.16	8.47	3.25
	-5	-5.6	9.54	3.05	9.51	3.13	9.48	3.22	9.48	3.32	9.45	3.39
	0	-0.7	10.52	3.20	10.49	3.27	10.46	3.36	10.46	3.45	10.43	3.51
	7	6.0	11.70	3.36	11.67	3.42	11.64	3.49	11.19	3.38	10.55	3.16
	10	8.0	12.05	3.45	12.02	3.49	11.64	3.42	11.19	3.14	10.55	2.95
M	-10	-11.0	8.11	2.71	8.09	2.79	8.06	2.89	8.06	3.00	8.03	3.08
	-5	-5.6	9.05	2.89	9.02	2.97	8.99	3.06	8.99	3.15	8.97	3.21
	0	-0.7	9.98	3.04	9.95	3.10	9.92	3.19	9.92	3.27	9.90	3.33
	7	6.0	11.09	3.19	11.07	3.25	11.04	3.31	10.62	3.20	10.01	3.00
	10	8.0	11.43	3.27	11.40	3.31	11.04	3.25	10.62	2.98	10.01	2.80
L	-10	-11.0	7.94	2.65	7.91	2.73	7.89	2.83	7.89	2.93	7.86	3.02
	-5	-5.6	8.85	2.83	8.82	2.90	8.80	2.99	8.80	3.08	8.77	3.14
	0	-0.7	9.76	2.97	9.73	3.03	9.71	3.12	9.71	3.20	9.68	3.26
	7	6.0	10.85	3.12	10.83	3.18	10.80	3.24	10.39	3.13	9.79	2.93
	10	8.0	11.18	3.20	11.15	3.24	10.80	3.18	10.39	2.92	9.79	2.74

Note:

DB: Dry bulb temp.

WB: Wet bulb temp.

TC: Total cooling(heating) capacity.

SC: Sensible capacity

PI: Power input.

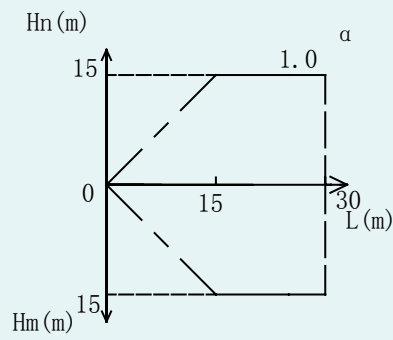
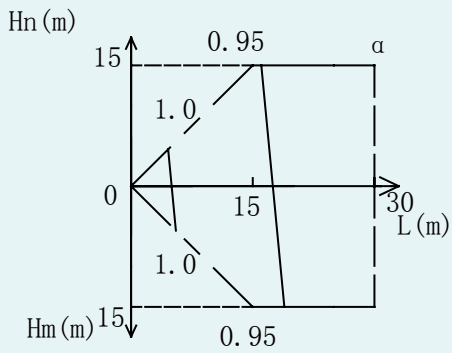
1. The above data are based on the following conditions.

—	Power Supply	Equivalent Piping Length
Indoor	220-240V~50Hz	5m
Outdoor	208-230V~60Hz	

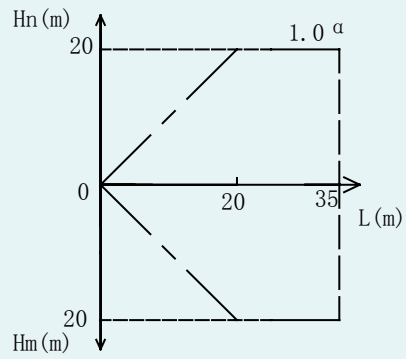
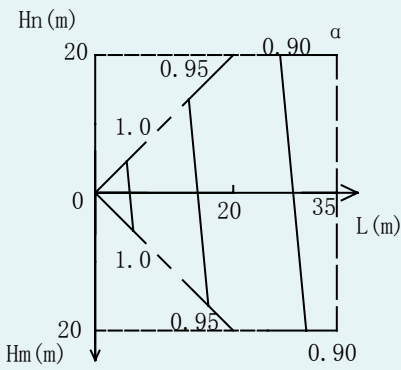
2. Capacities are net , including a deduction for cooling(an addition for heating) for indoor fan motor heat.

➔ 6.2 Piping Capacity Correction

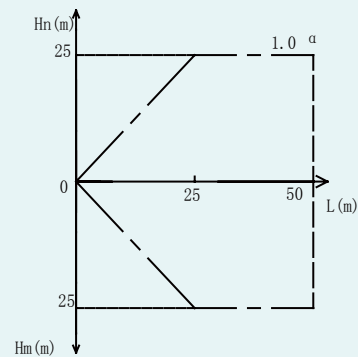
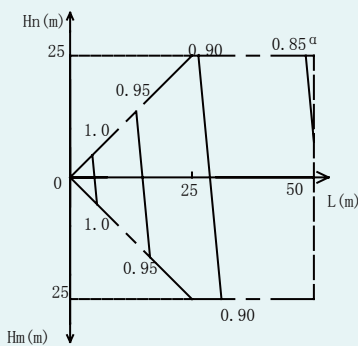
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 Cooling Heating



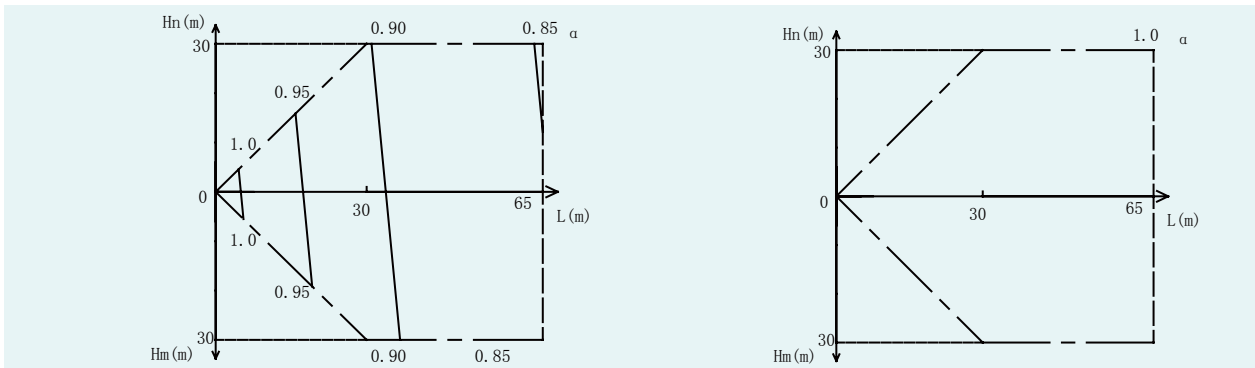
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 Cooling Heating



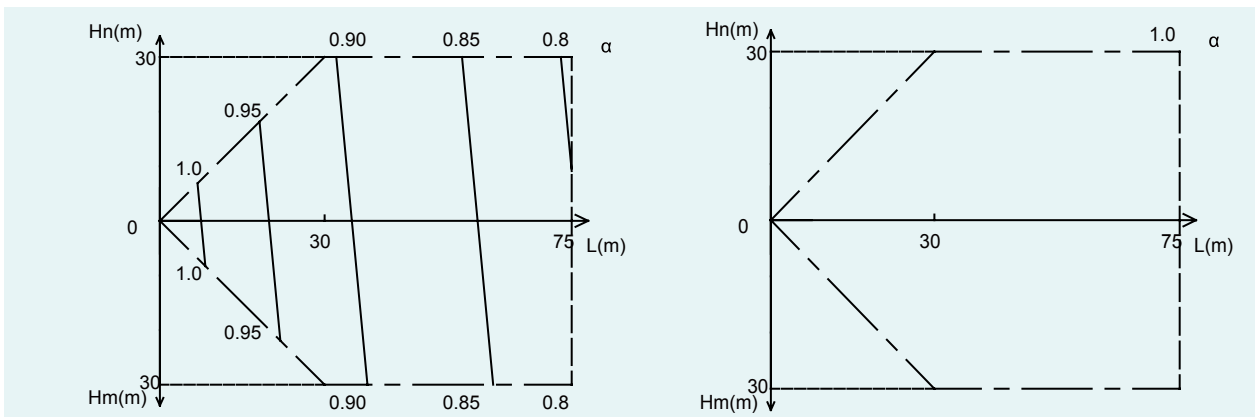
GUD71T/A-T; GUD71P/A-T; GUD71PS/A-T; GUD71PH/A-T; GUD71PHS/A-T; GUD71ZD/A-T;
 GUD71G/A-T; GUD71G/A1-T; GUD85T/A-T; GUD85P/A-T; GUD85PS/A-T; GUD85PH/A-T;
 GUD85PHS/A-T; GUD85ZD/A-T
 Cooling Heating



GUD100T/A-T; GUD100PH/A-T; GUD100PHS/A-T; GUD100ZD/A-T; GUD100G/A-T; GUD100G/A1-T
 Cooling Heating



GUD125T/A-T; GUD125PH/A-T; GUD125PHS/A-T; GUD125ZD/A-T
 GUD140T/A-T; GUD140PH/A-T; GUD140PHS/A-T; GUD140ZD/A-T
 GUD160T/A-T; GUD160PH/A-T; GUD160PHS/A-T; GUD160ZD/A-T
 Cooling Heating



Notes:

- Above figures indicate the capacity change rate of a standard indoor unit system under maximum load in standard conditions.
- Under partial load, the capacity change rate indicated above will have a very small deviation.
- Capacity calculation method for cooling/heating
 Cooling/heating capacity = the corresponding capacity in the table of cooling/heating performance × correction rate

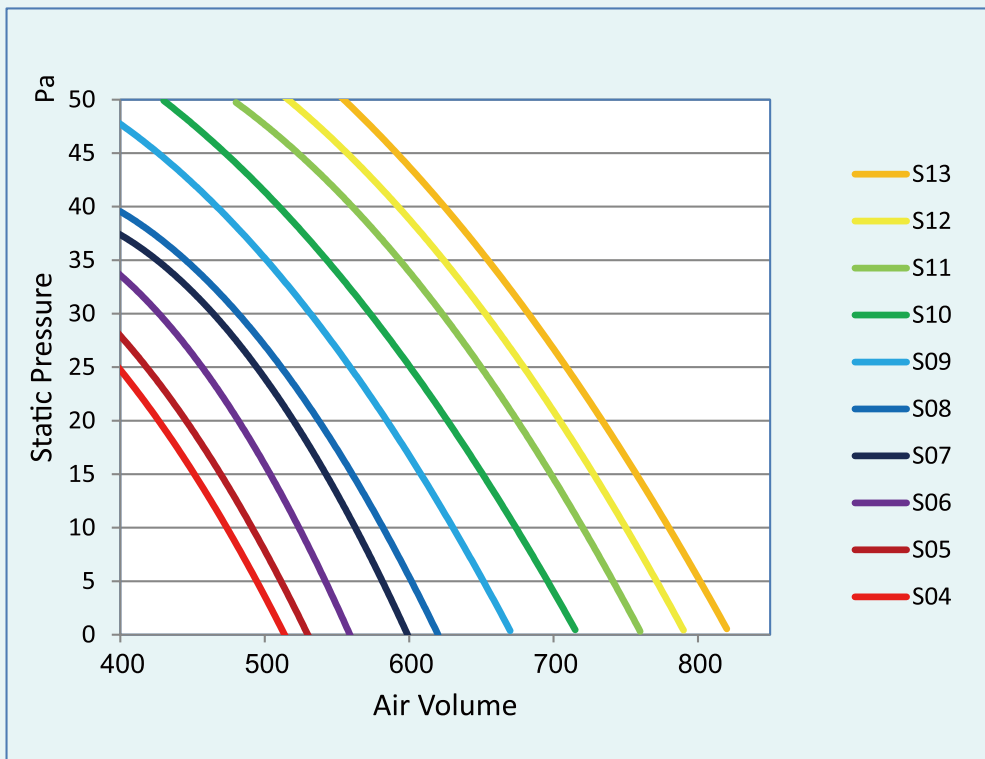
4. Pipeline dimensions

- L: Length of connection pipe
- Hn: ODU is lower than IDU
- Hm: ODU is higher than IDU
- α: Capacity correction factor

Model	Gas pipe(in.)	Liquid pipe(in.)
GUD35W/NhA-T	3/8	1/4
GUD50W/NhA-T	1/2	
GUD71W/NhA-T	5/8	3/8
GUD85W/NhA-T		
GUD100W/NhA-T		
GUD100W/NhA-X		
GUD125W/NhA-T		
GUD125W/NhA-X		
GUD140W/NhA-T		
GUD140W/NhA-X		
GUD160W/NhA-X		

7 AIR VOLUME STATIC PRESSURE CURVE

GUD35P/A-T, GUD35PS/A-T

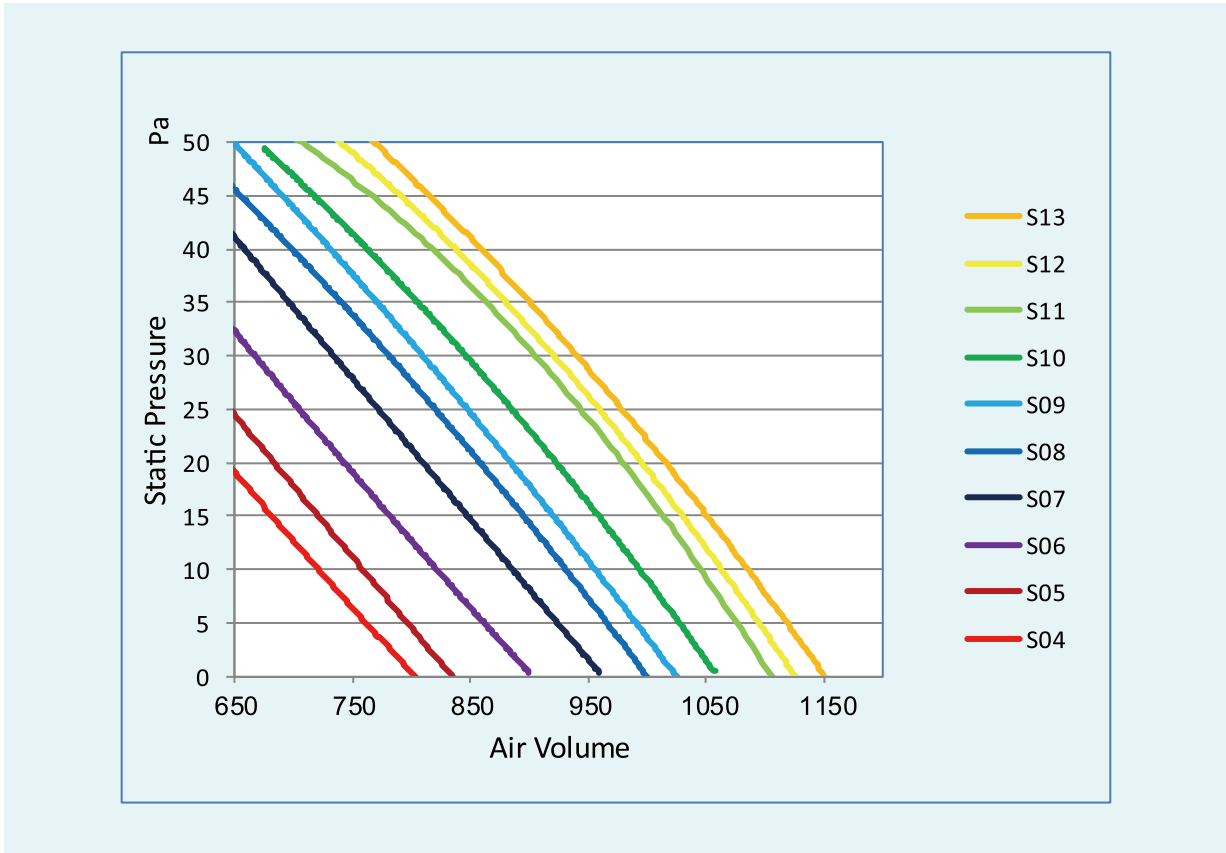


Note:

1. The external static pressure (ESP) can be changed in 5 levels by the remote controller.
2. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P03	S09	S08	S07	S06	S05	S04	S03	S02	S01
P04	S10	S09	S08	S07	S06	S05	S04	S03	S02
P05	S11	S10	S09	S08	S07	S06	S05	S04	S03
P06	S12	S11	S10	S09	S08	S07	S06	S05	S04
P07	S13	S12	S11	S10	S09	S08	S07	S06	S05

GUD50P/A-T, GUD50PS/A-T



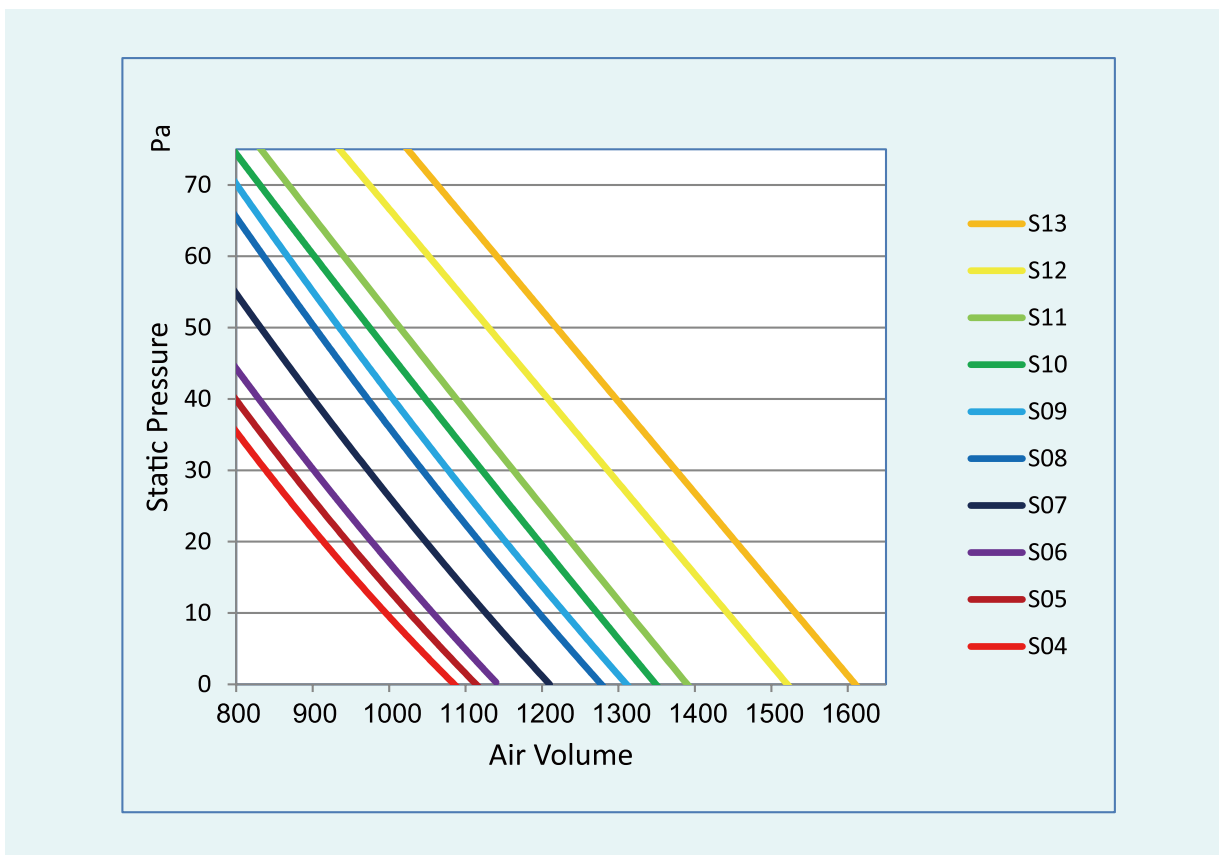
Note:

1. The external static pressure (ESP) can be changed in 5 levels by the remote controller.
2. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P03	S09	S08	S07	S06	S05	S04	S03	S02	S01
P04	S10	S09	S08	S07	S06	S05	S04	S03	S02
P05	S11	S10	S09	S08	S07	S06	S05	S04	S03
P06	S12	S11	S10	S09	S08	S07	S06	S05	S04
P07	S13	S12	S11	S10	S09	S08	S07	S06	S05

U-Match 5 SERIES AIR CONDITIONERS TSG

GUD71P/A-T, GUD71PS/A-T

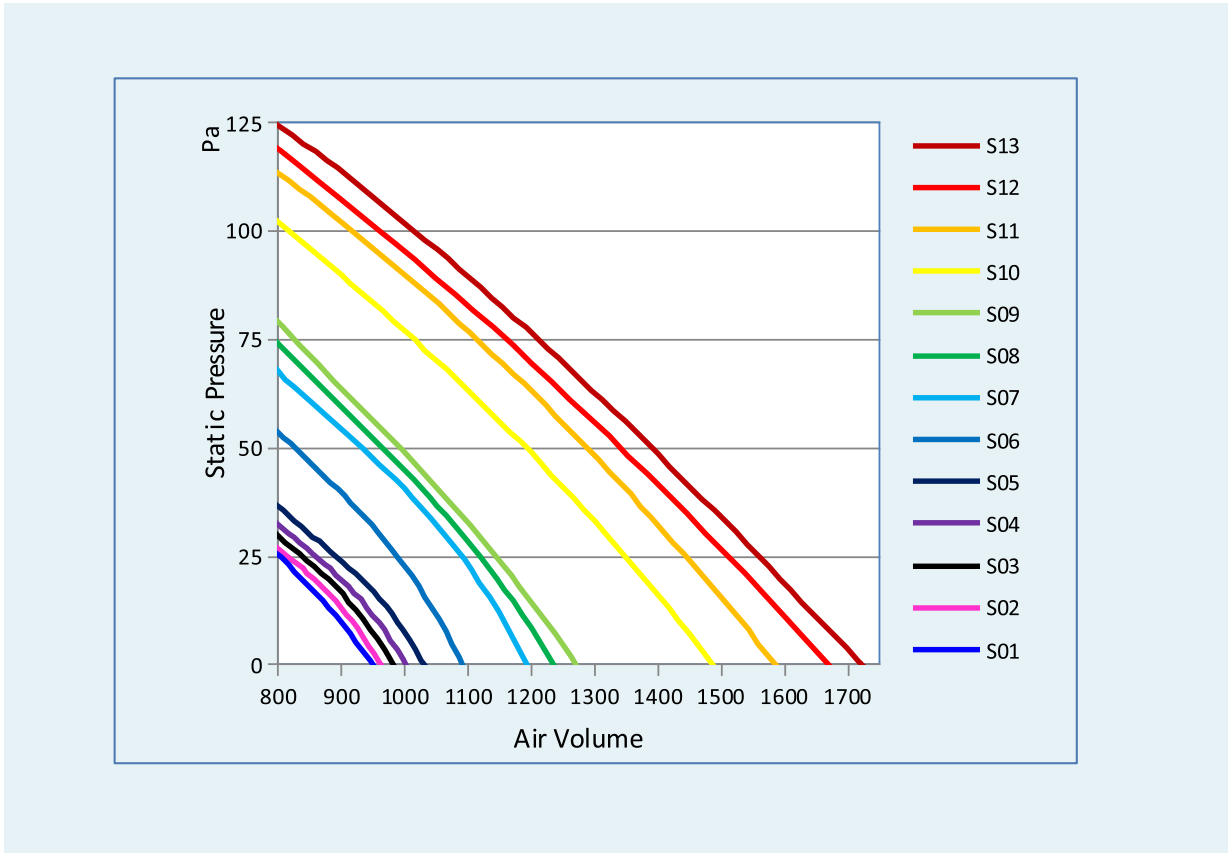


Note:

1. The external static pressure (ESP) can be changed in 5 levels by the remote controller.
2. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P03	S09	S08	S07	S06	S05	S04	S03	S02	S01
P04	S10	S09	S08	S07	S06	S05	S04	S03	S02
P05	S11	S10	S09	S08	S07	S06	S05	S04	S03
P06	S12	S11	S10	S09	S08	S07	S06	S05	S04
P07	S13	S12	S11	S10	S09	S08	S07	S06	S05

GUD71PH/A-T, GUD71PHS/A-T



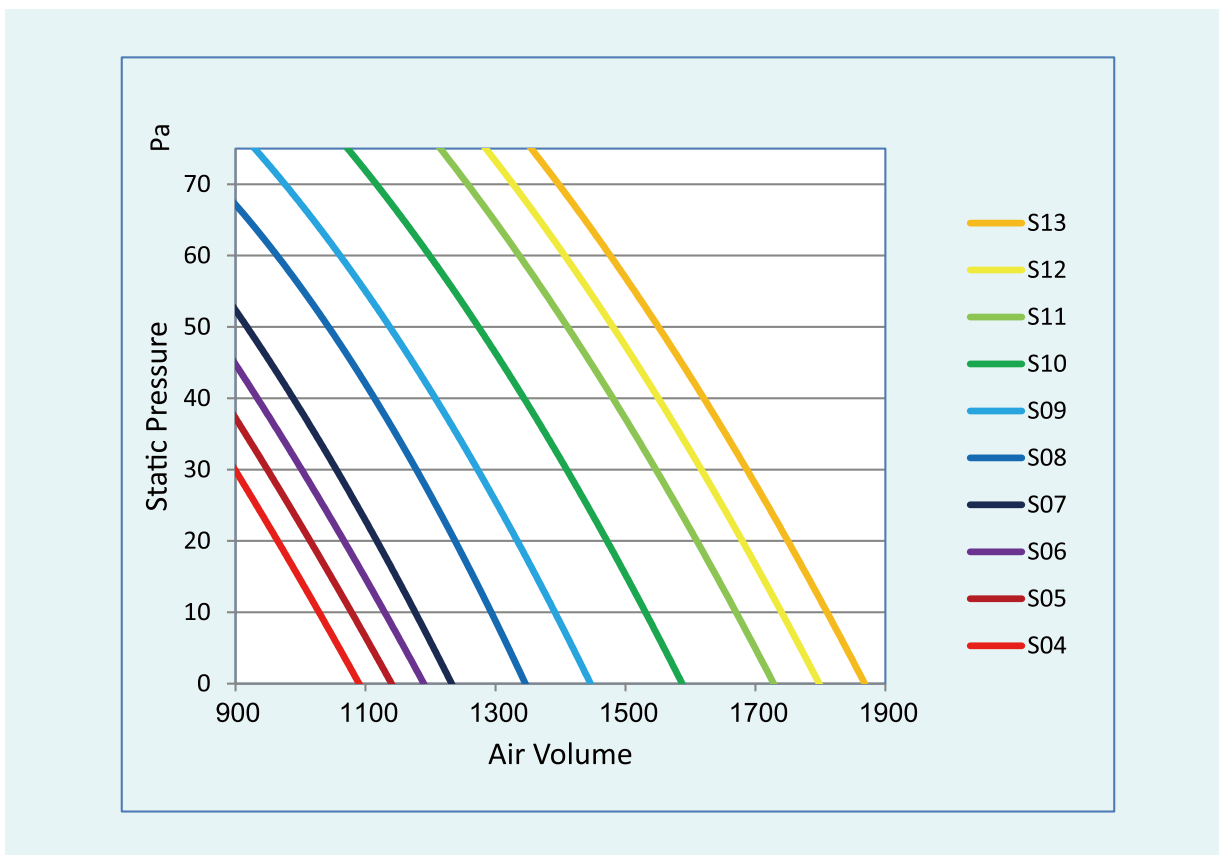
Note:

1. The external static pressure (ESP) can be changed in 9 levels by the remote controller.
2. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P1	S05	S03	S02	S02	S01	S01	S01	S01	S01
P2	S06	S04	S03	S03	S02	S02	S02	S02	S02
P3	S07	S05	S04	S04	S03	S03	S03	S03	S03
P4	S08	S06	S05	S05	S04	S04	S04	S04	S04
P5	S09	S07	S06	S06	S05	S05	S05	S05	S05
P6	S10	S08	S07	S07	S06	S06	S06	S06	S06
P7	S11	S09	S08	S08	S07	S07	S07	S07	S07
P8	S12	S10	S09	S09	S08	S08	S08	S08	S08
P9	S13	S11	S10	S10	S09	S09	S09	S09	S09

U-Match 5 SERIES AIR CONDITIONERS TSG

GUD85P/A-T, GUD85PS/A-T

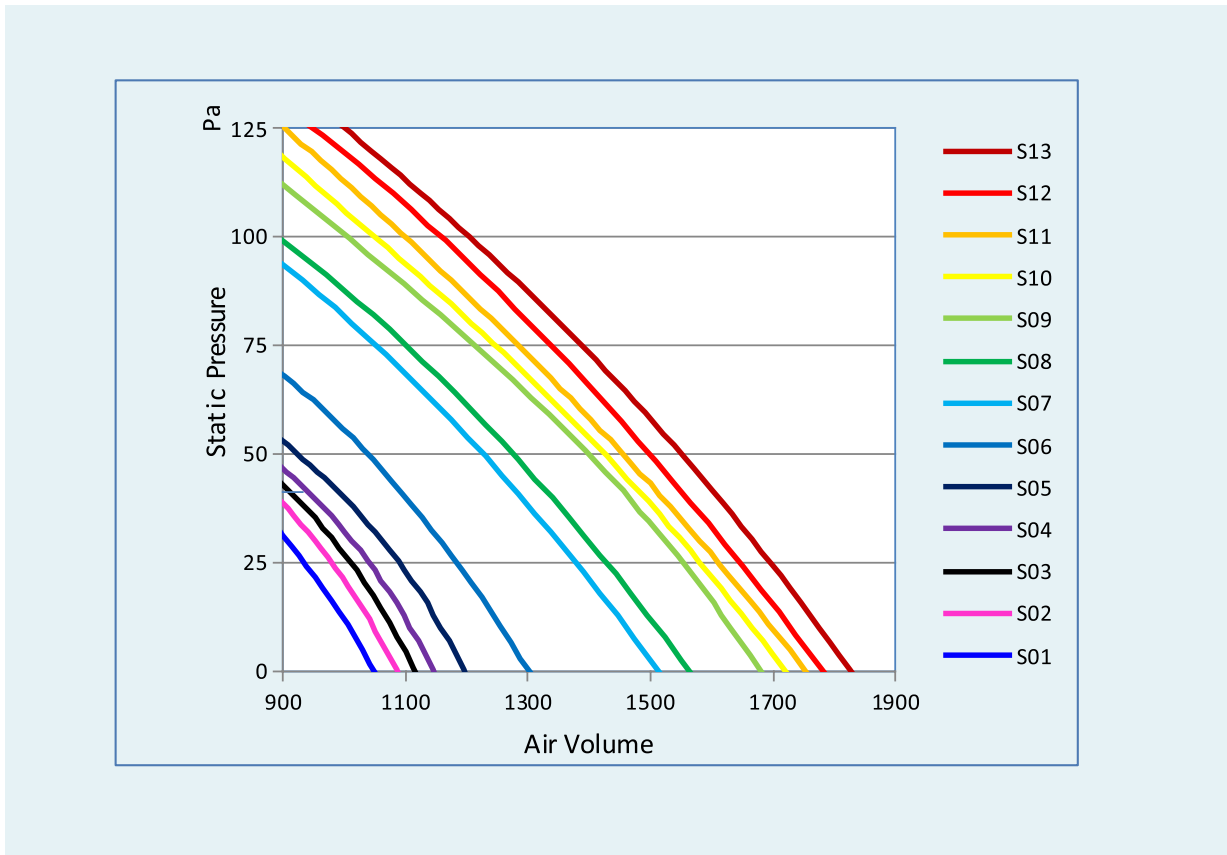


Note:

1. The external static pressure (ESP) can be changed in 5 levels by the remote controller.
2. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P03	S09	S08	S07	S06	S05	S04	S03	S02	S01
P04	S10	S09	S08	S07	S06	S05	S04	S03	S02
P05	S11	S10	S09	S08	S07	S06	S05	S04	S03
P06	S12	S11	S10	S09	S08	S07	S06	S05	S04
P07	S13	S12	S11	S10	S09	S08	S07	S06	S05

GUD85PH/A-T, GUD85PHS/A-T



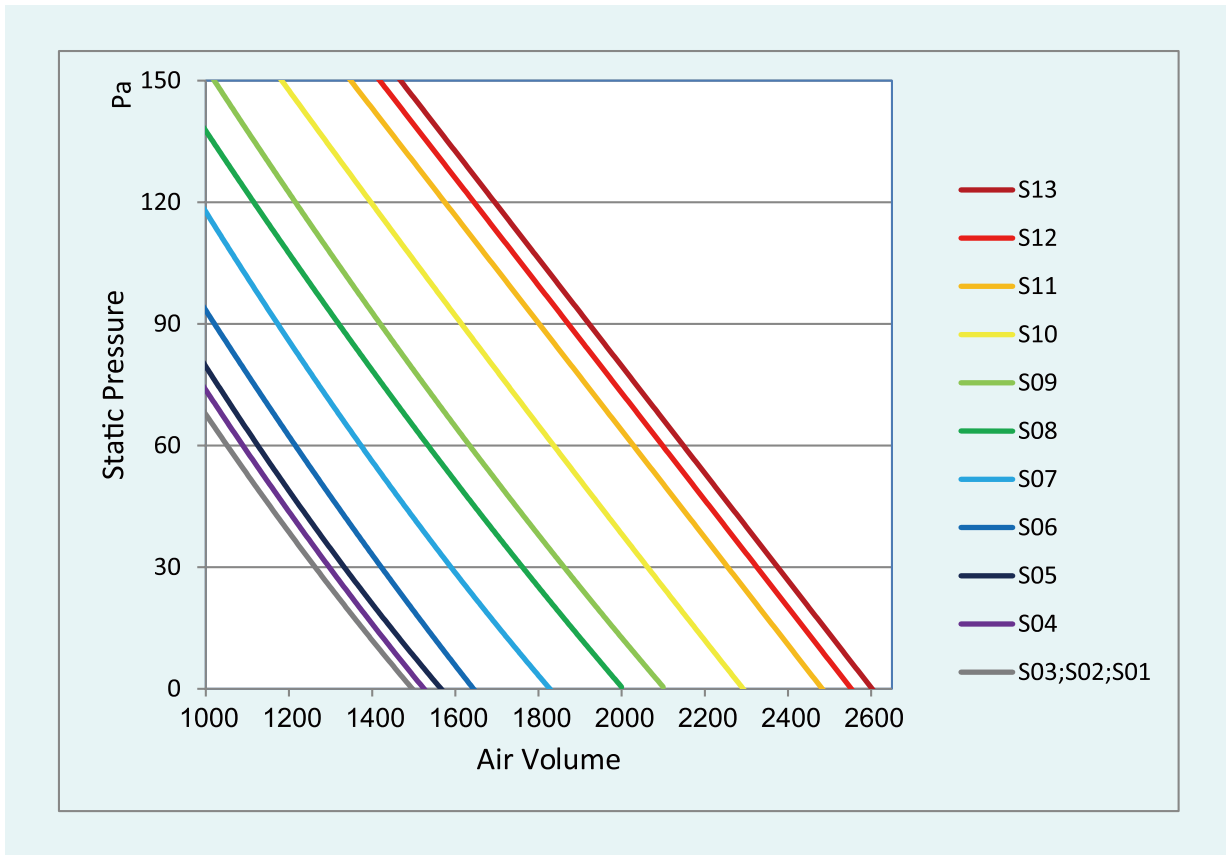
Note:

1. The external static pressure (ESP) can be changed in 9 levels by the remote controller.
2. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P1	S05	S03	S02	S02	S01	S01	S01	S01	S01
P2	S06	S04	S03	S03	S02	S02	S02	S02	S02
P3	S07	S05	S04	S04	S03	S03	S03	S03	S03
P4	S08	S06	S05	S05	S04	S04	S04	S04	S04
P5	S09	S07	S06	S06	S05	S05	S05	S05	S05
P6	S10	S08	S07	S07	S06	S06	S06	S06	S06
P7	S11	S09	S08	S08	S07	S07	S07	S07	S07
P8	S12	S10	S09	S09	S08	S08	S08	S08	S08
P9	S13	S11	S10	S10	S09	S09	S09	S09	S09

U-Match 5 SERIES AIR CONDITIONERS TSG

GUD100PH/A-T, GUD100PHS/A-T

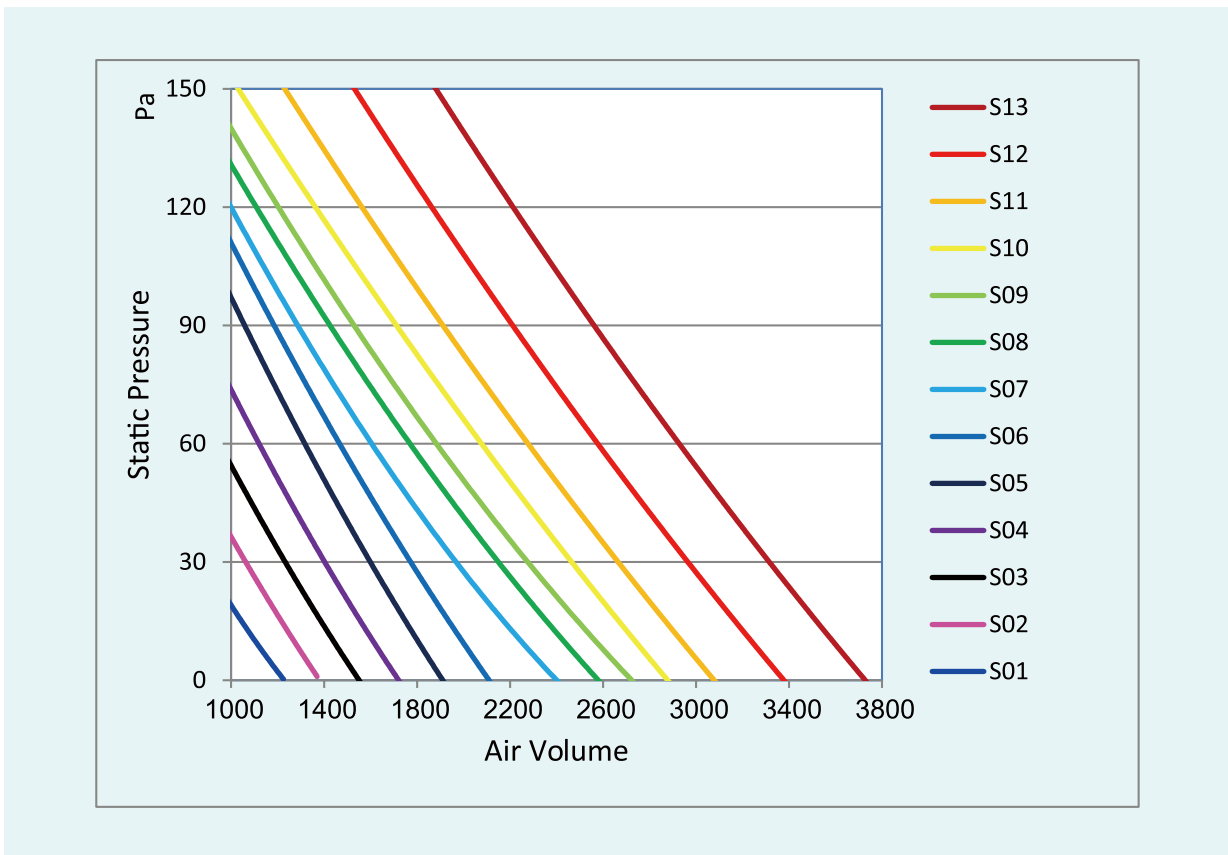


Note:

1. The external static pressure (ESP) can be changed in 9 levels by the remote controller.
2. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P1	S05	S03	S02	S02	S01	S01	S01	S01	S01
P2	S06	S04	S03	S03	S02	S02	S02	S02	S02
P3	S07	S05	S04	S04	S03	S03	S03	S03	S03
P4	S08	S06	S05	S05	S04	S04	S04	S04	S04
P5	S09	S07	S06	S06	S05	S05	S05	S05	S05
P6	S10	S08	S07	S07	S06	S06	S06	S06	S06
P7	S11	S09	S08	S08	S07	S07	S07	S07	S07
P8	S12	S10	S09	S09	S08	S08	S08	S08	S08
P9	S13	S11	S10	S10	S09	S09	S09	S09	S09

GUD125PH/A-T, GUD125PHS/A-T



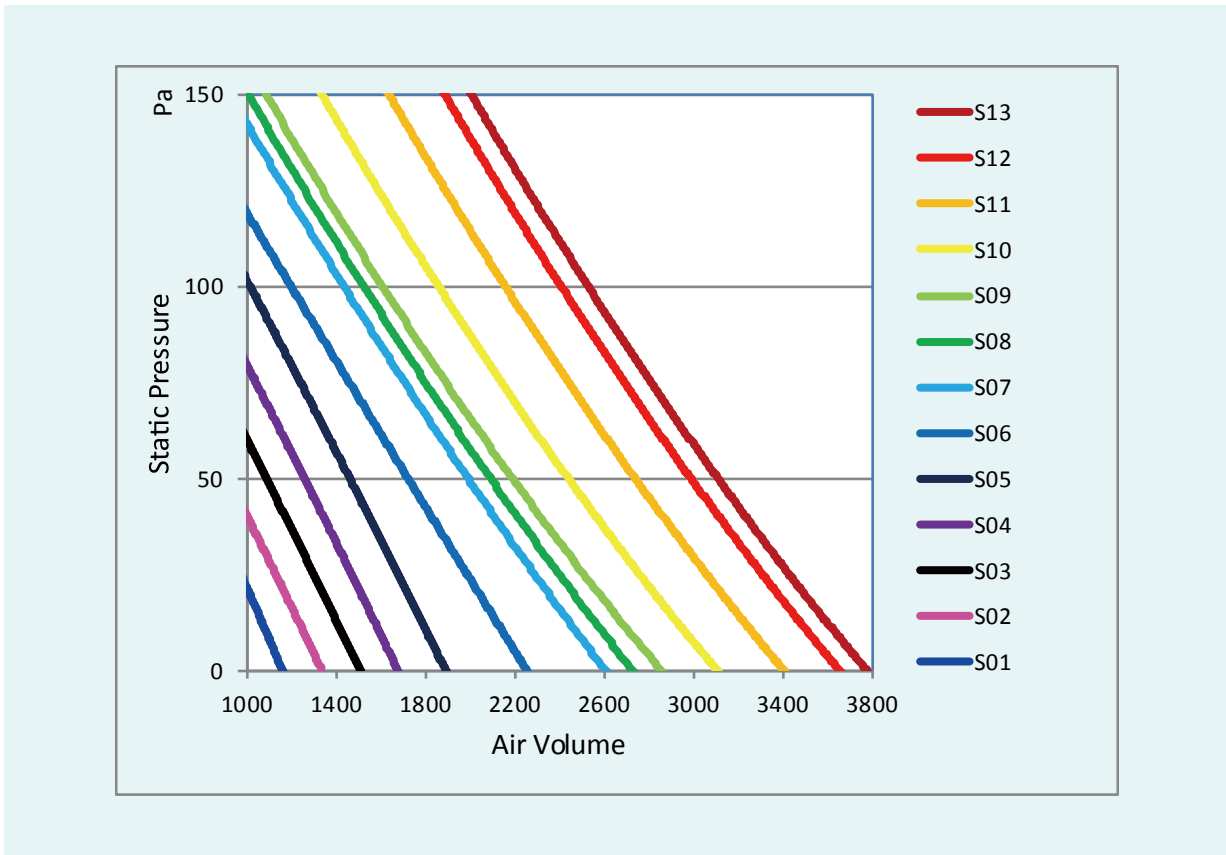
Note:

1. The external static pressure (ESP) can be changed in 9 levels by the remote controller.
2. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P1	S05	S03	S02	S02	S01	S01	S01	S01	S01
P2	S06	S04	S03	S03	S02	S02	S02	S02	S02
P3	S07	S05	S04	S04	S03	S03	S03	S03	S03
P4	S08	S06	S05	S05	S04	S04	S04	S04	S04
P5	S09	S07	S06	S06	S05	S05	S05	S05	S05
P6	S10	S08	S07	S07	S06	S06	S06	S06	S06
P7	S11	S09	S08	S08	S07	S07	S07	S07	S07
P8	S12	S10	S09	S09	S08	S08	S08	S08	S08
P9	S13	S11	S10	S10	S09	S09	S09	S09	S09

U-Match 5 SERIES AIR CONDITIONERS TSG

GUD140PH/A-T, GUD140PHS/A-T

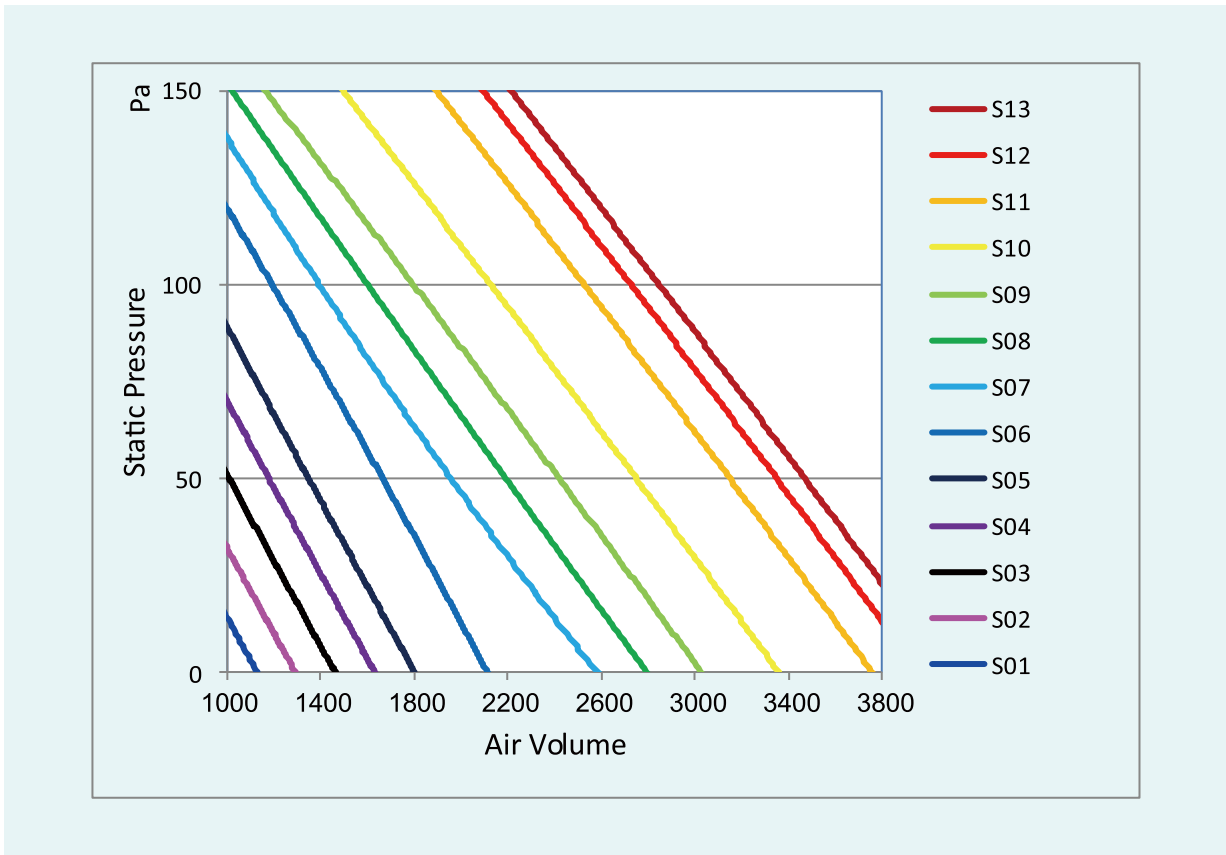


Note:

1. The external static pressure (ESP) can be changed in 9 levels by the remote controller.
2. The remote controller can be used to change turbo, H, M and L.

Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P1	S05	S03	S02	S02	S01	S01	S01	S01	S01
P2	S06	S04	S03	S03	S02	S02	S02	S02	S02
P3	S07	S05	S04	S04	S03	S03	S03	S03	S03
P4	S08	S06	S05	S05	S04	S04	S04	S04	S04
P5	S09	S07	S06	S06	S05	S05	S05	S05	S05
P6	S10	S08	S07	S07	S06	S06	S06	S06	S06
P7	S11	S09	S08	S08	S07	S07	S07	S07	S07
P8	S12	S10	S09	S09	S08	S08	S08	S08	S08
P9	S13	S11	S10	S10	S09	S09	S09	S09	S09

GUD160PH/A-T, GUD160PHS/A-T



Note:

1. The external static pressure (ESP) can be changed in 9 levels by the remote controller.
2. The remote controller can be used to change turbo, H, M and L.

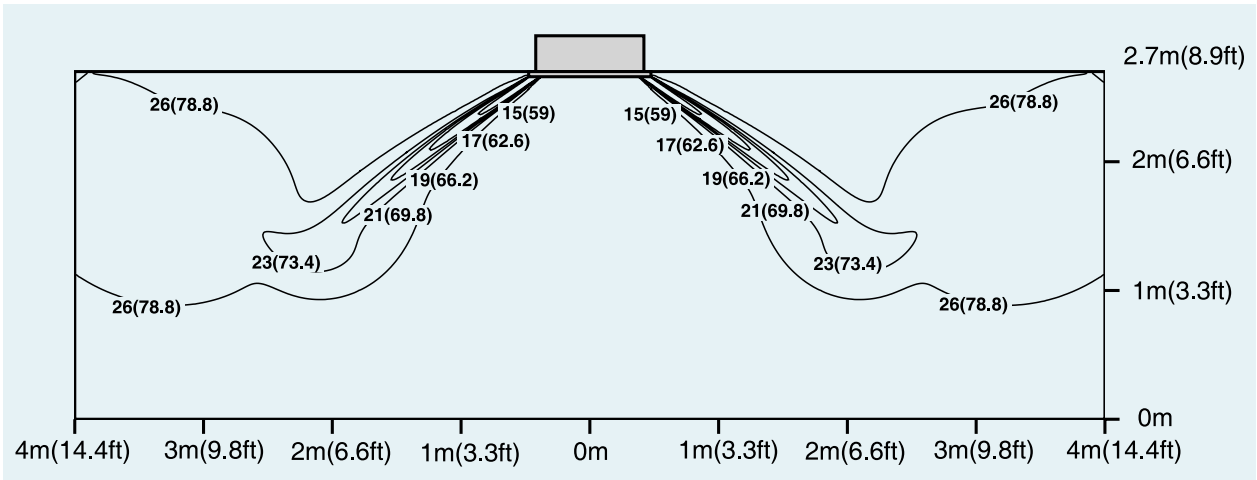
Static pressure selection	Super high speed	High speed	Medium high speed	Medium speed	Medium low speed	Low speed	Quiet R1 speed	Quiet R2 speed	Quiet R3 speed
P1	S05	S03	S02	S02	S01	S01	S01	S01	S01
P2	S06	S04	S03	S03	S02	S02	S02	S02	S02
P3	S07	S05	S04	S04	S03	S03	S03	S03	S03
P4	S08	S06	S05	S05	S04	S04	S04	S04	S04
P5	S09	S07	S06	S06	S05	S05	S05	S05	S05
P6	S10	S08	S07	S07	S06	S06	S06	S06	S06
P7	S11	S09	S08	S08	S07	S07	S07	S07	S07
P8	S12	S10	S09	S09	S08	S08	S08	S08	S08
P9	S13	S11	S10	S10	S09	S09	S09	S09	S09

8 AIRFLOW CHART

8.1 Cassette Type

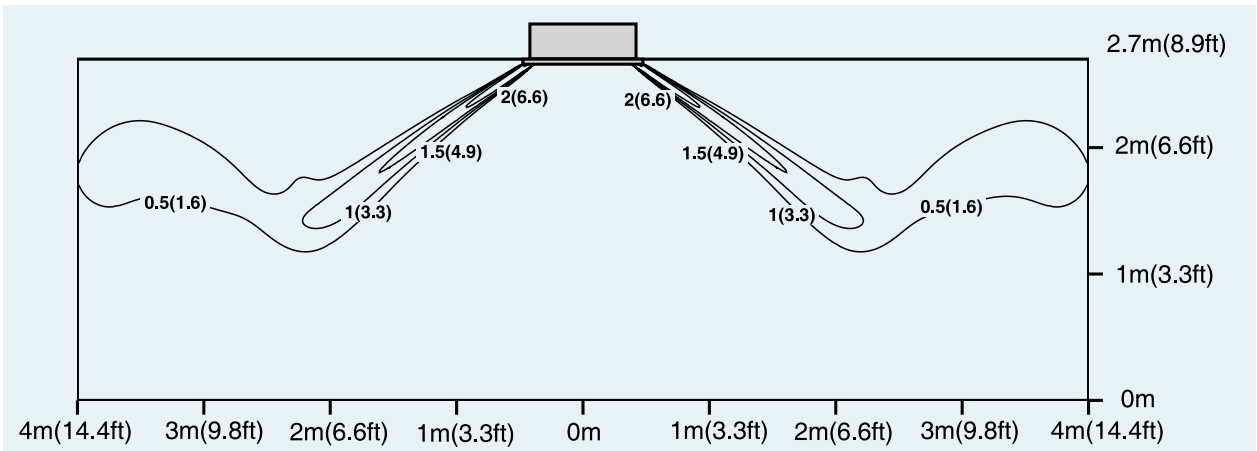
GUD35T/A-T; GUD50T/A-T
Cooling temperature

Unit: °C (°F)



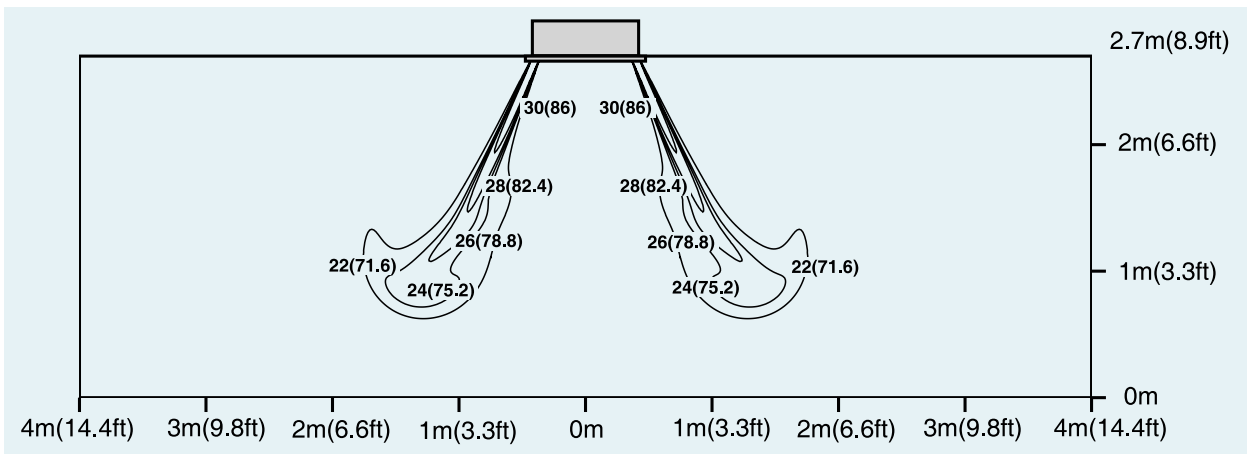
Cooling velocity

Unit: m/s (ft/s)



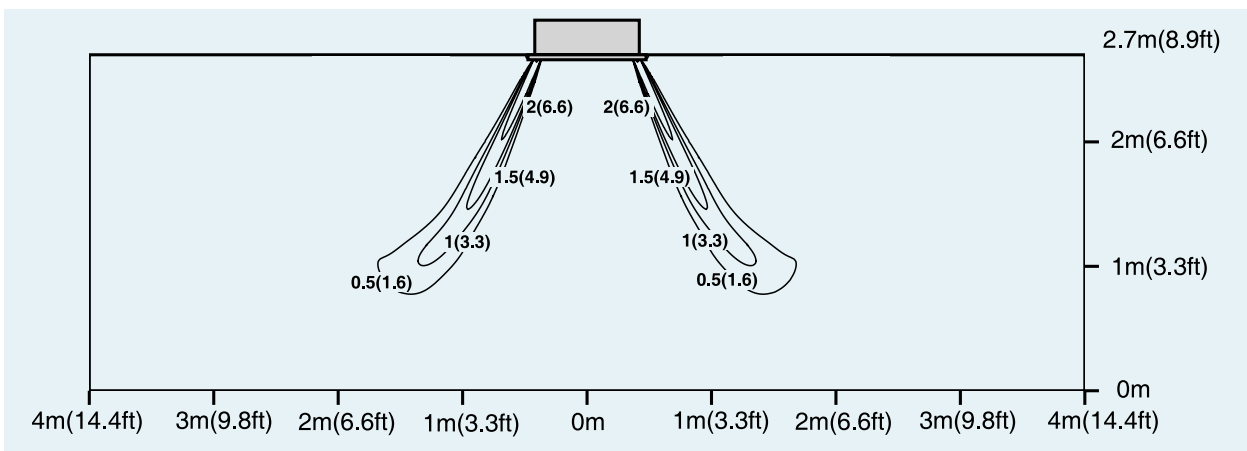
Heating temperature

Unit: °C (°F)



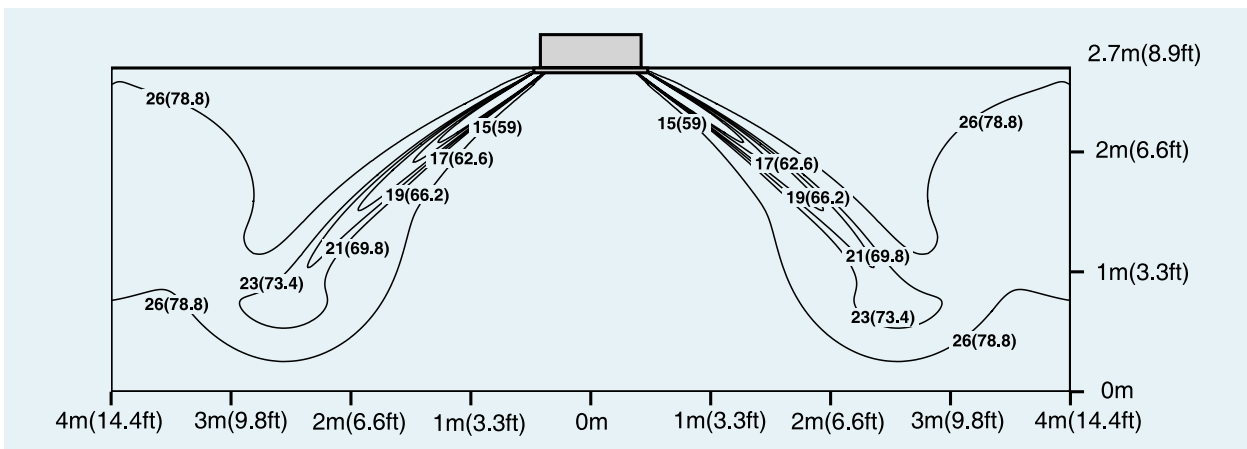
Heating velocity

Unit: m/s (ft/s)



GUD71T/A-T; GUD85T/A-T
Cooling temperature

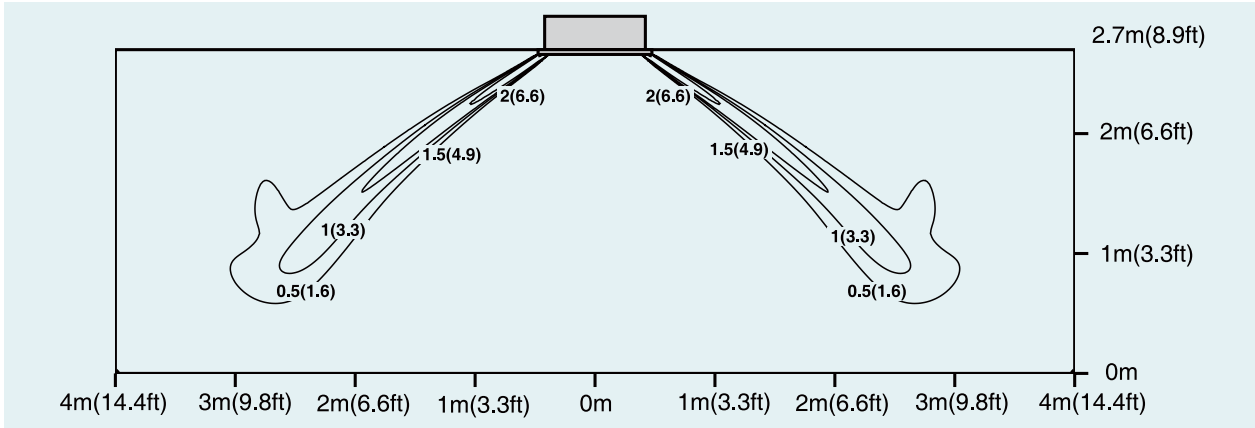
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

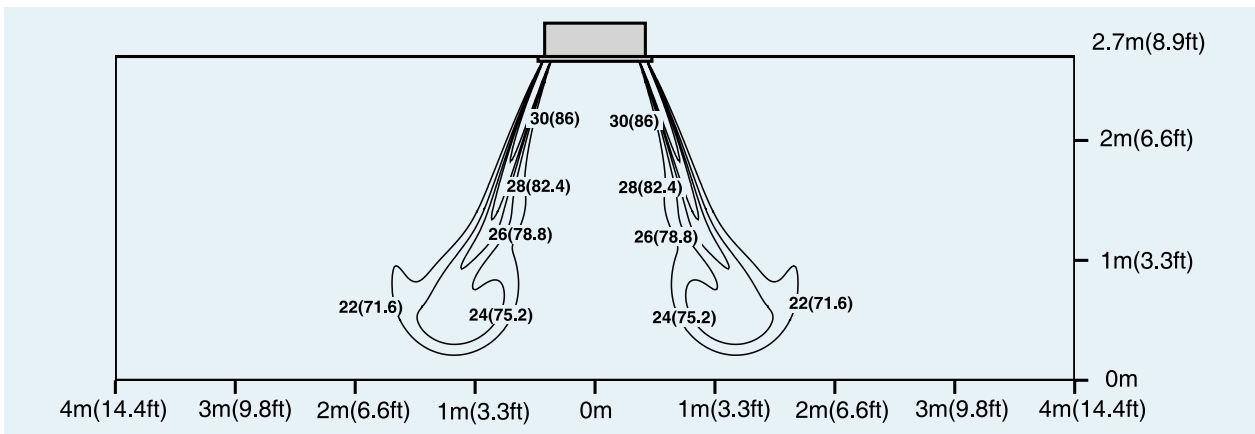
Cooling velocity

Unit: m/s (ft/s)



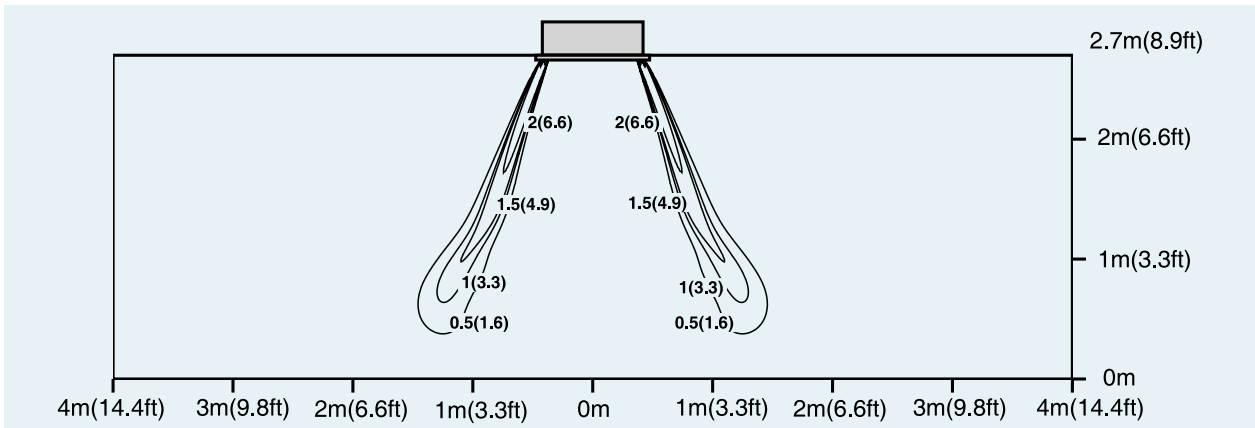
Heating temperature

Unit: °C (°F)



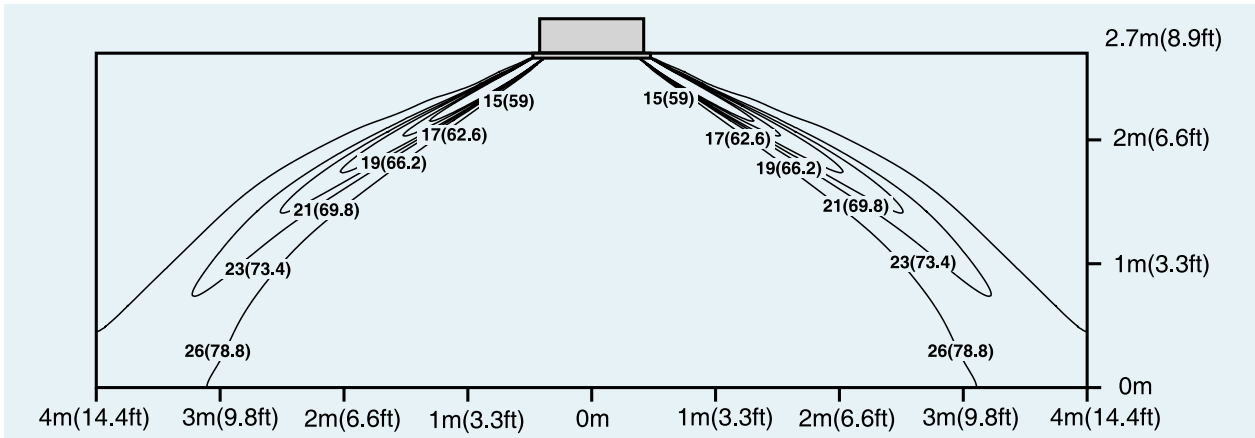
Heating velocity

Unit: m/s (ft/s)



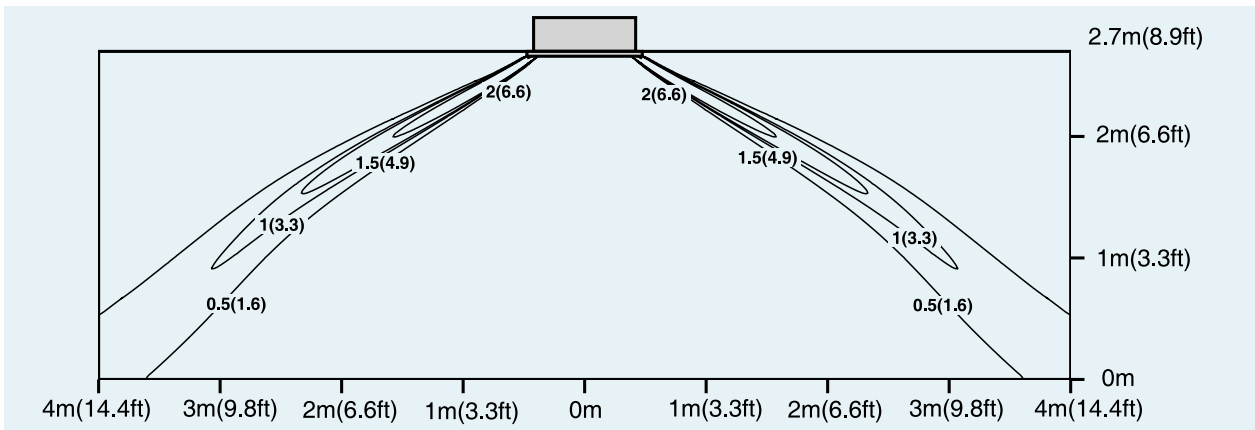
GUD100T/A-T
Cooling temperature

Unit: °C (°F)



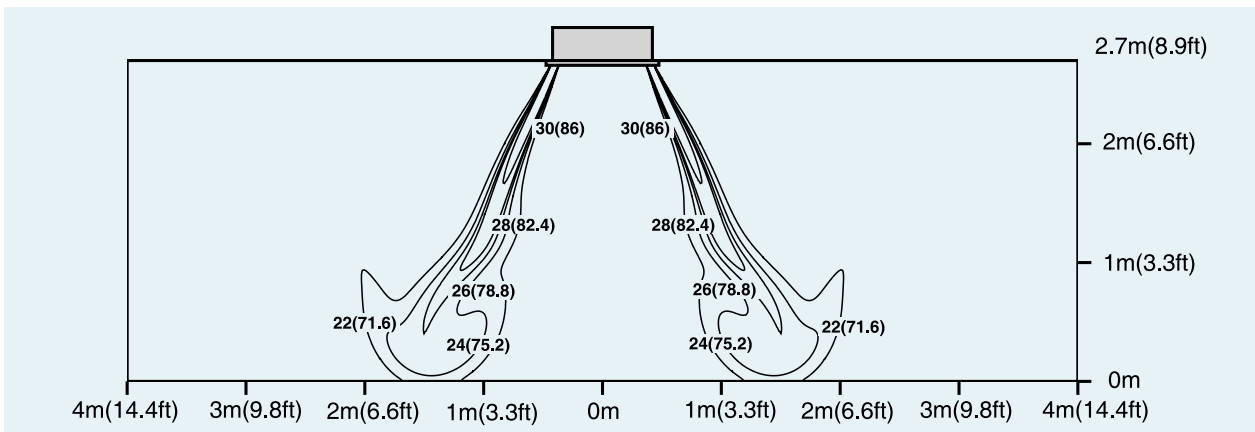
Cooling velocity

Unit: m/s (ft/s)



Heating temperature

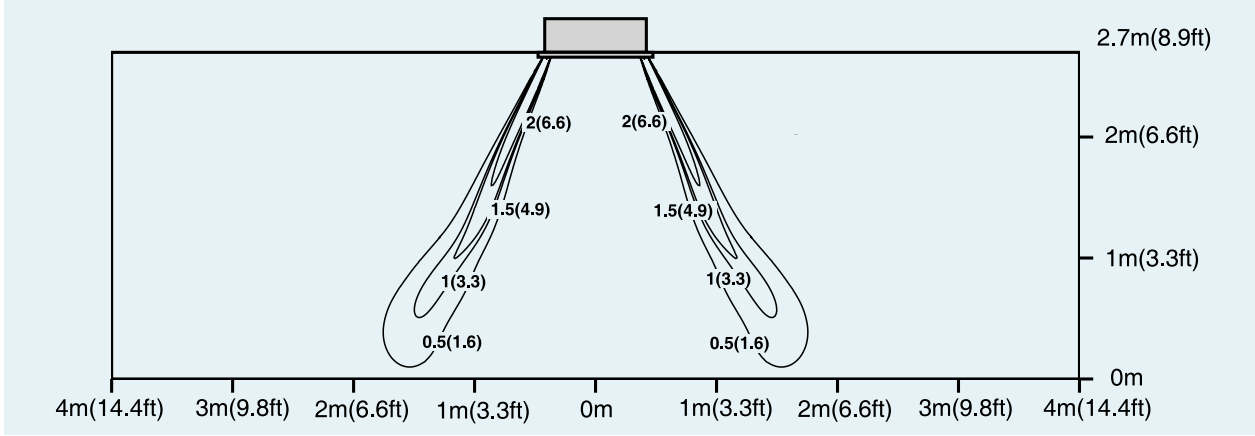
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

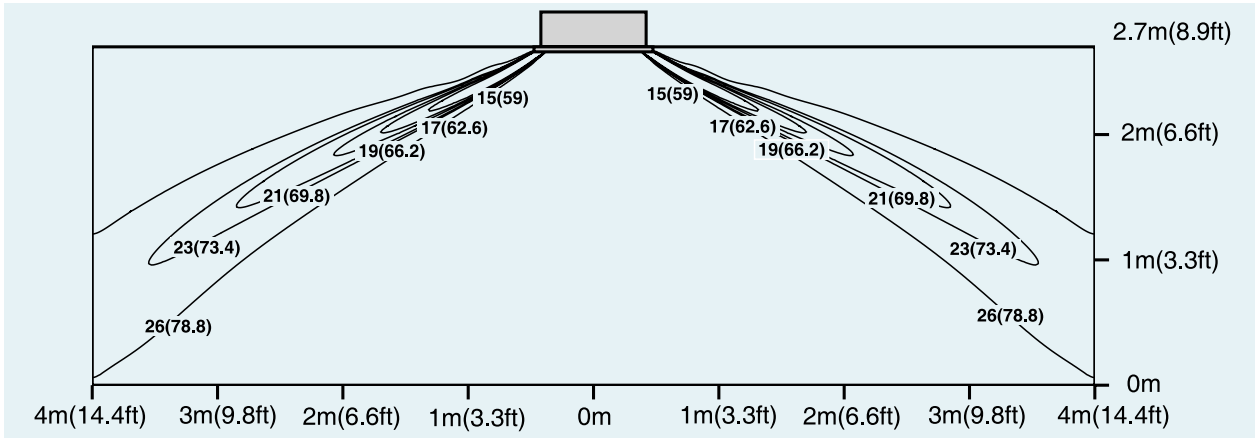
Heating velocity

Unit: m/s (ft/s)



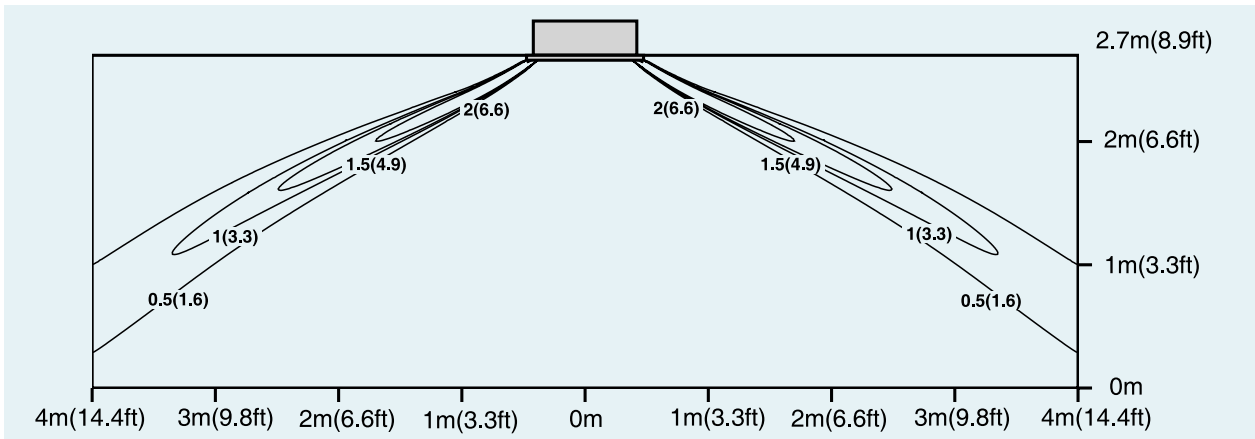
GUD125T/A-T; GUD140T/A-T
Cooling temperature

Unit: °C (°F)



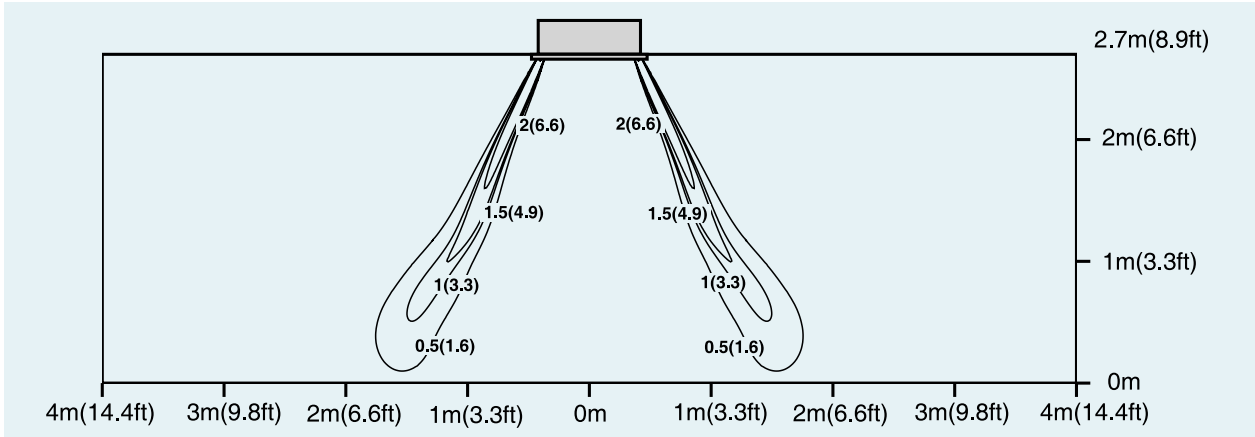
Cooling velocity

Unit: m/s (ft/s)



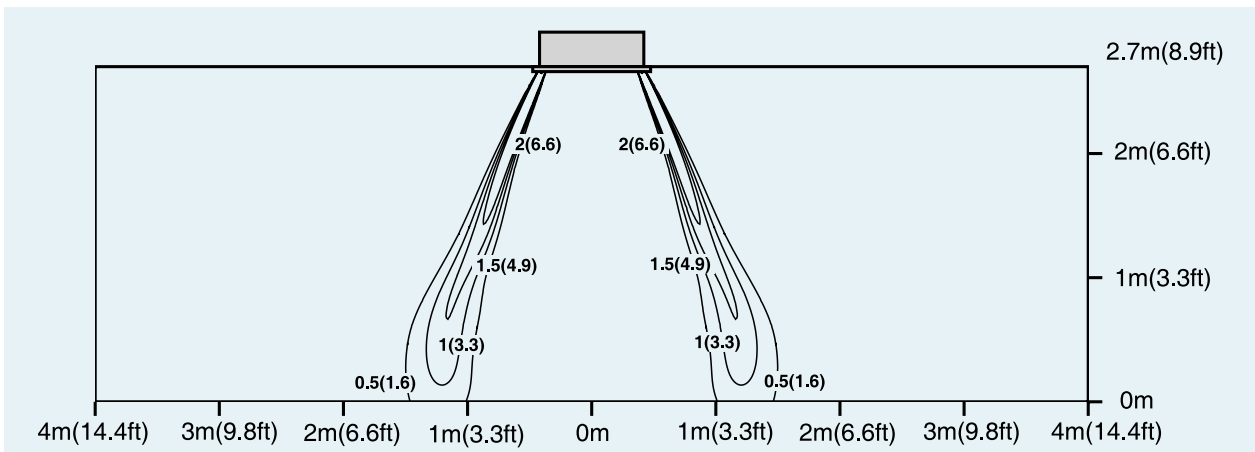
Heating temperature

Unit: °C (°F)



Heating velocity

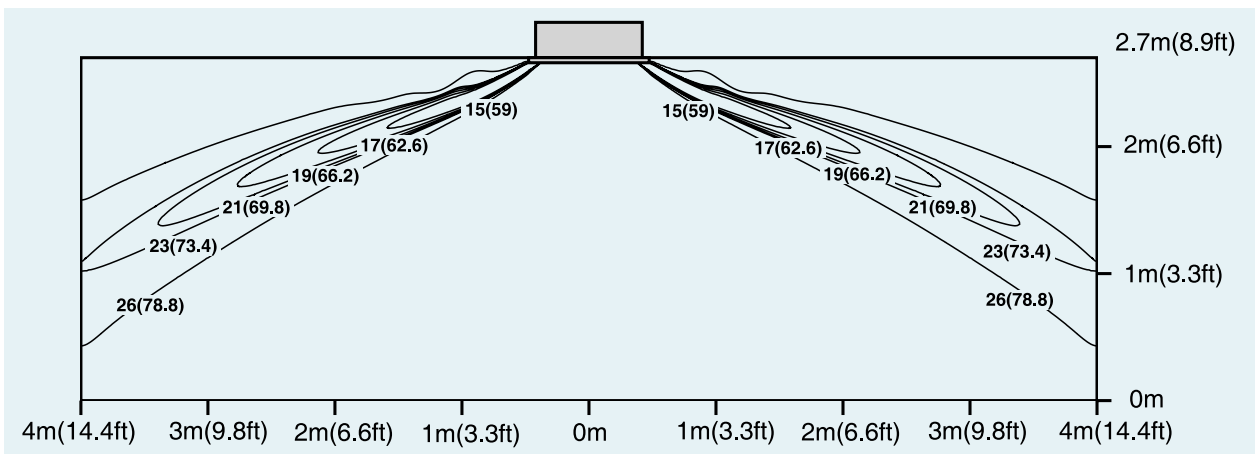
Unit: m/s (ft/s)



GUD160T/A-T

Cooling temperature

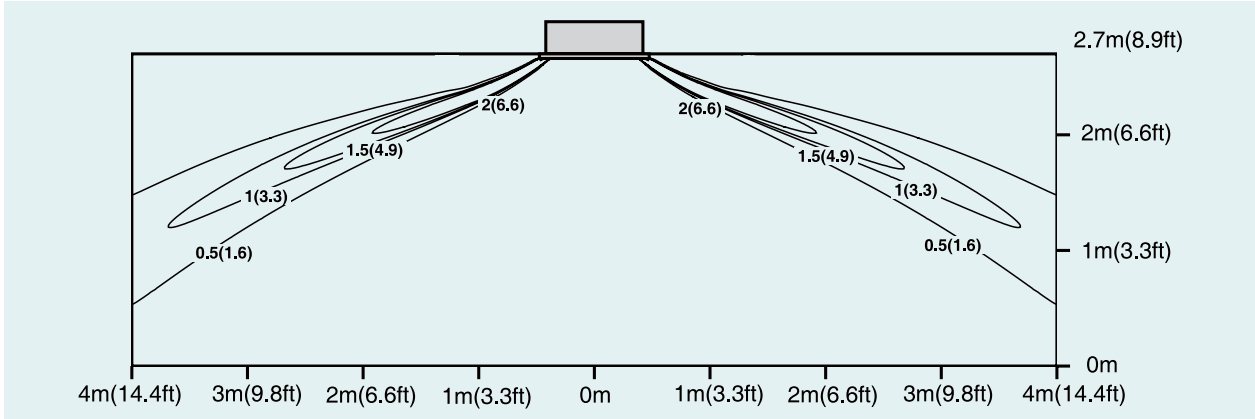
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

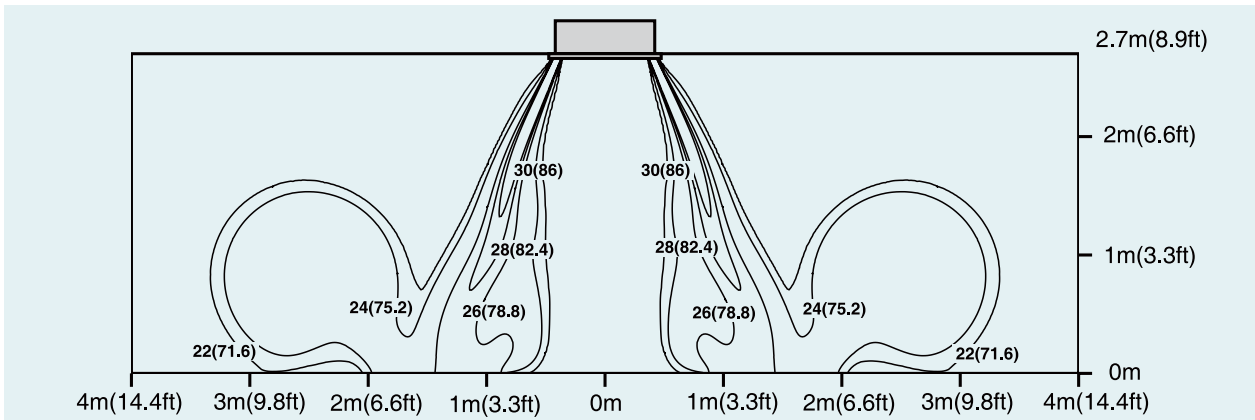
Cooling velocity

Unit: m/s (ft/s)



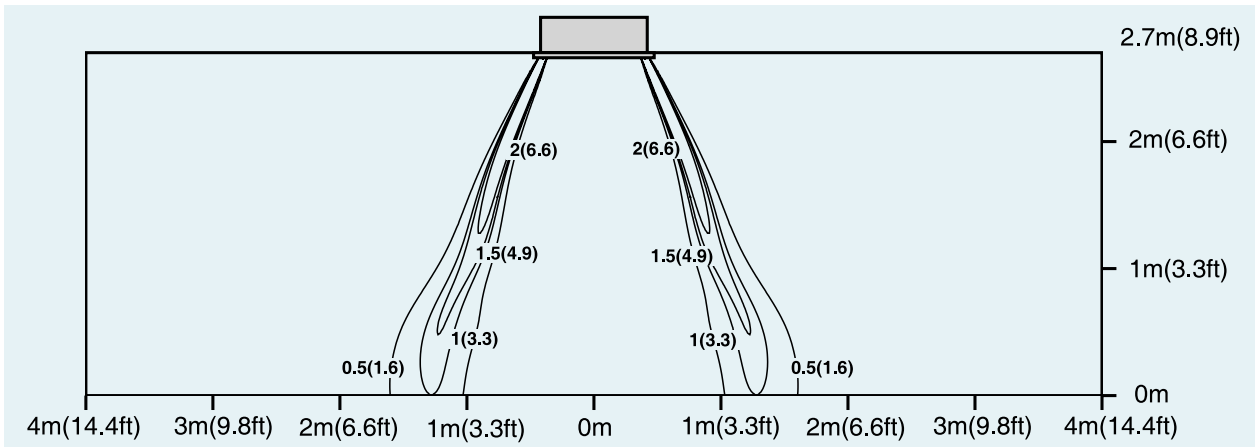
Heating temperature

Unit: °C (°F)



Heating velocity

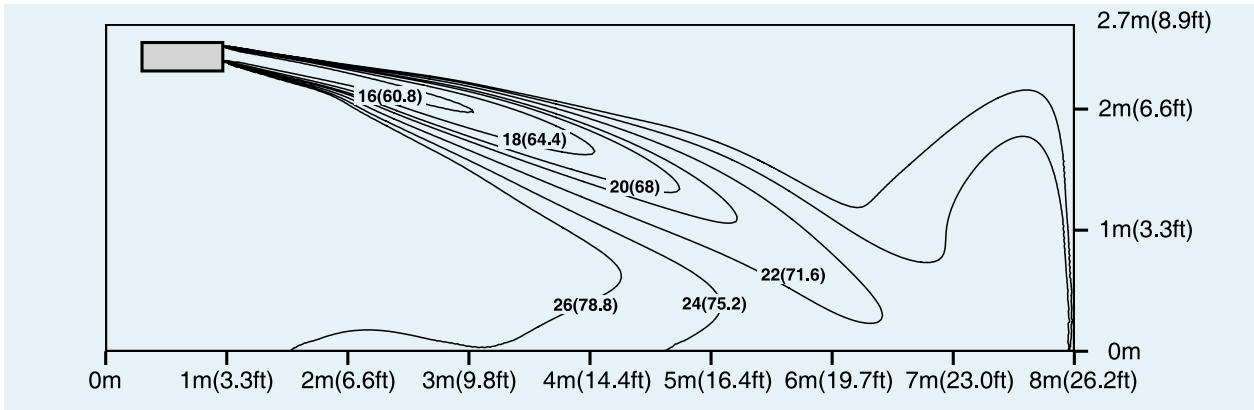
Unit: m/s (ft/s)



8.2 Floor Ceiling Type

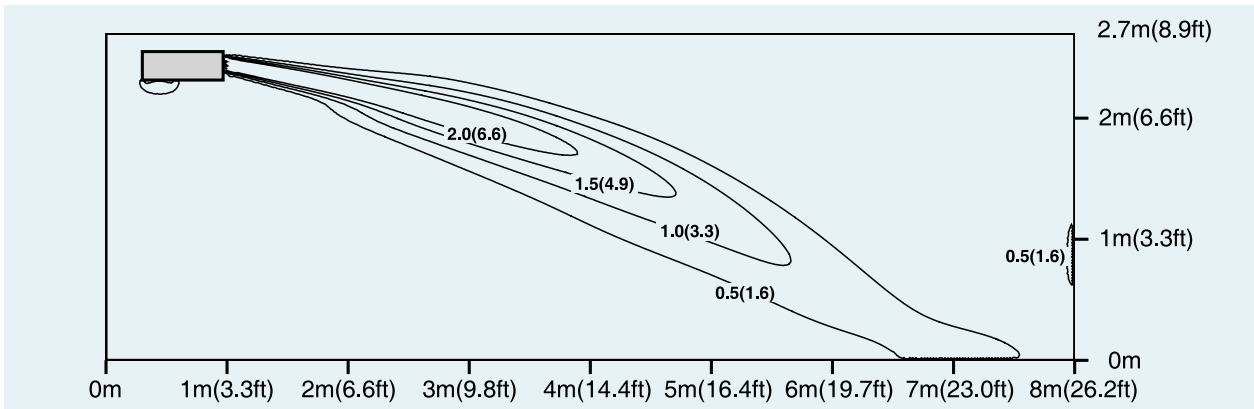
GUD35ZD/A-T
Cooling temperature

Unit: °C (°F)



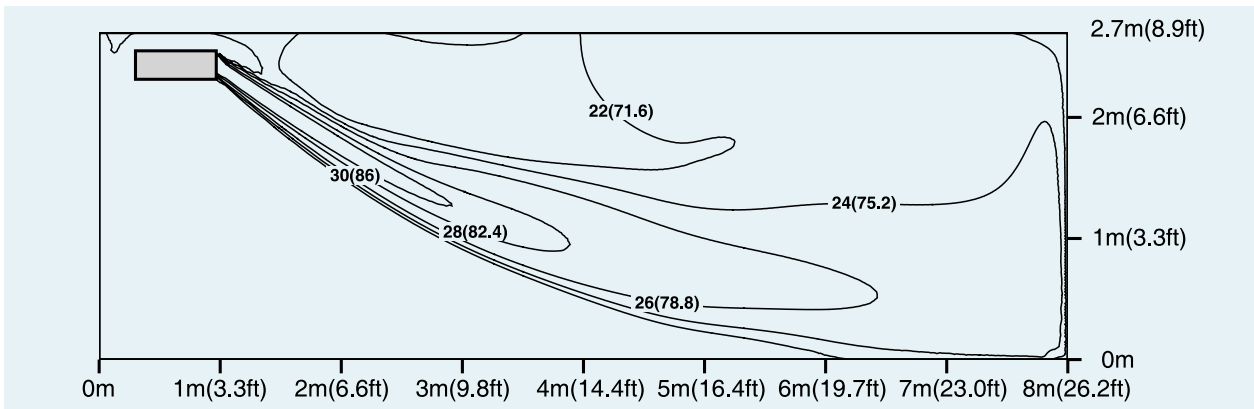
Cooling velocity

Unit: m/s (ft/s)



Heating temperature

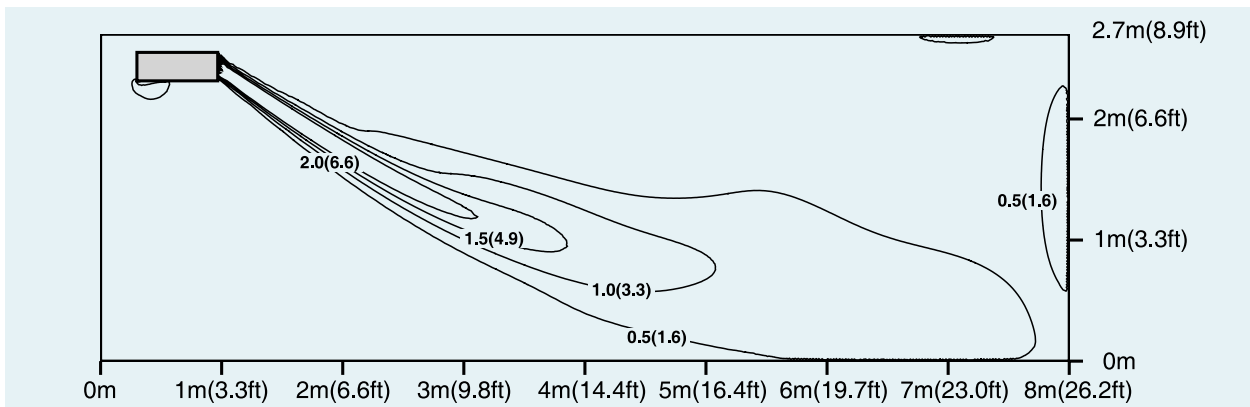
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

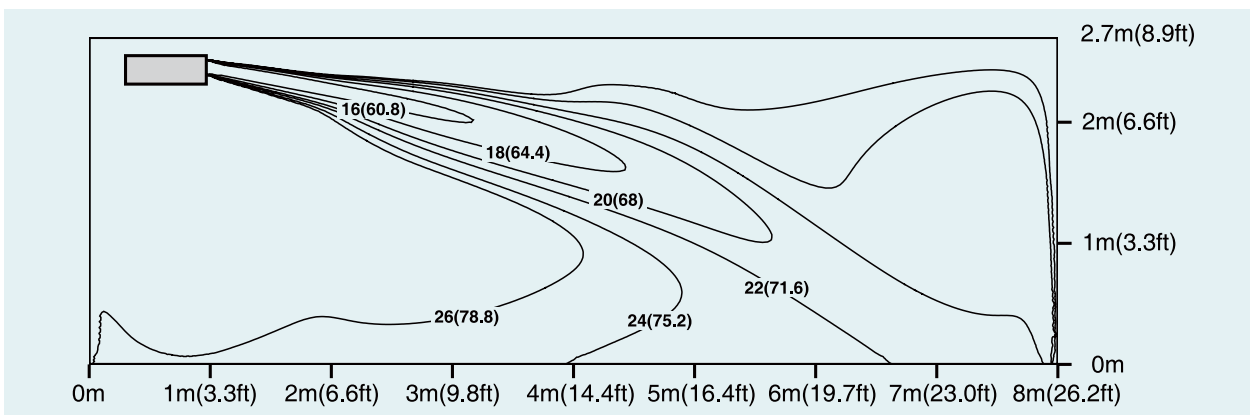
Heating velocity

Unit: m/s (ft/s)



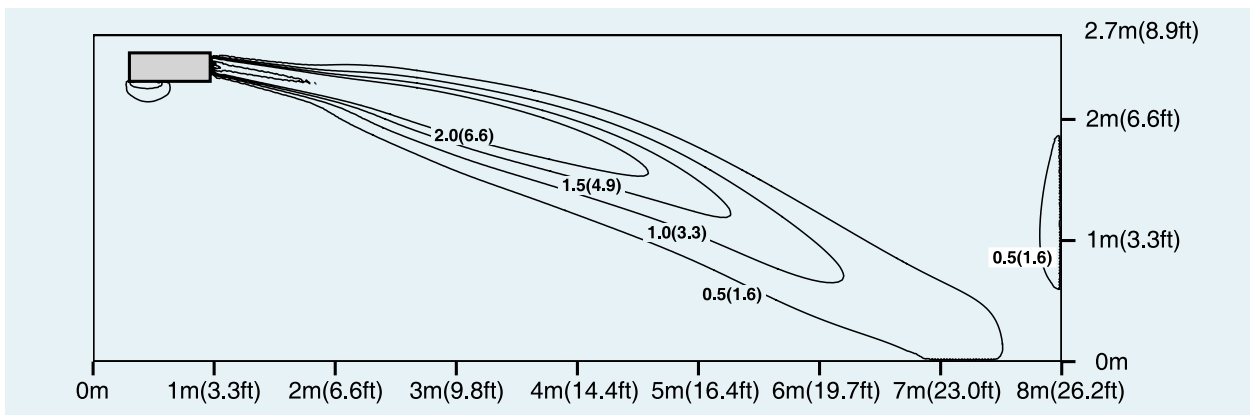
GUD50ZD/A-T
Cooling temperature

Unit: °C (°F)



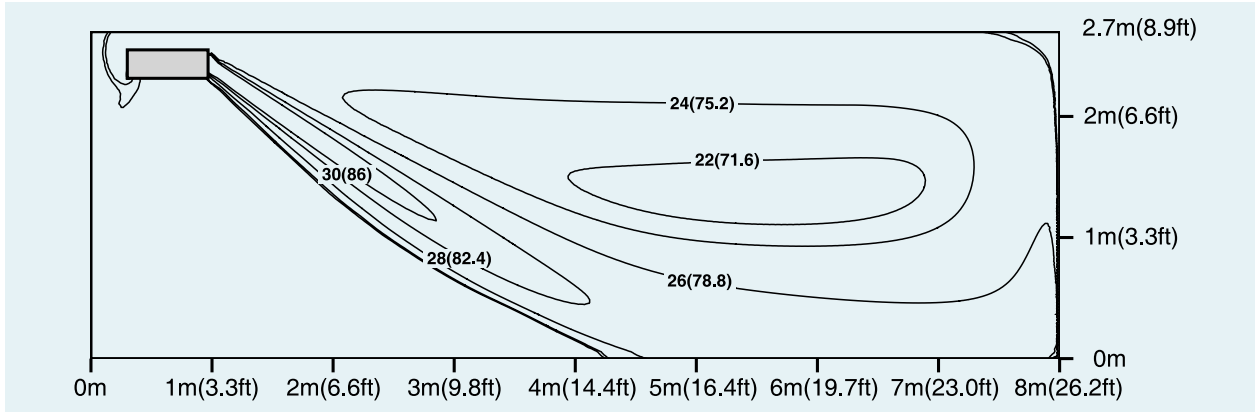
Cooling velocity

Unit: m/s (ft/s)



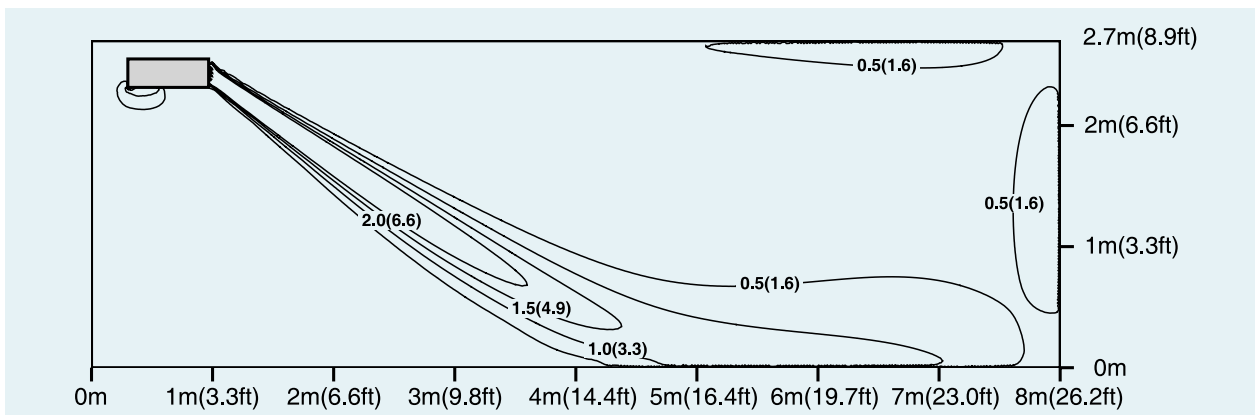
Heating temperature

Unit: °C (°F)



Heating velocity

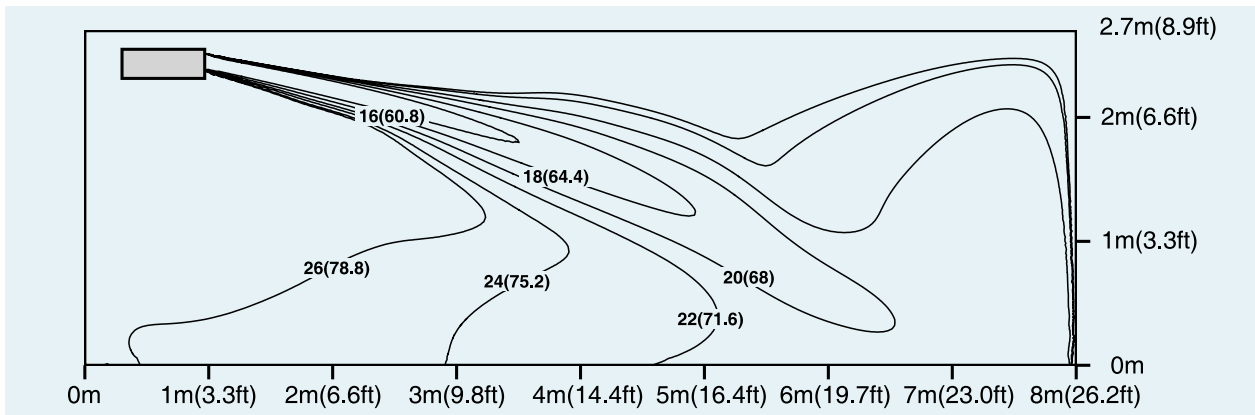
Unit: m/s (ft/s)



GUD71ZD/A-T; GUD85ZD/A-T

Cooling temperature

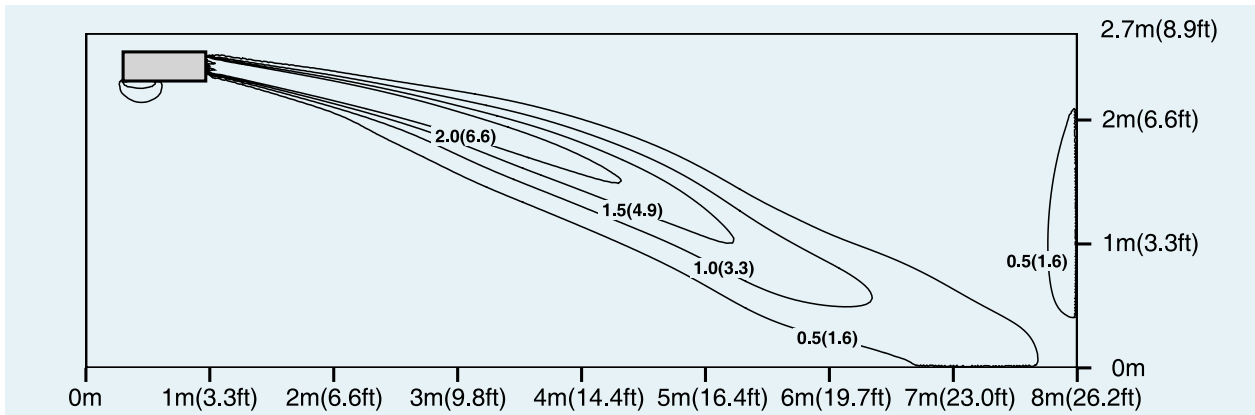
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

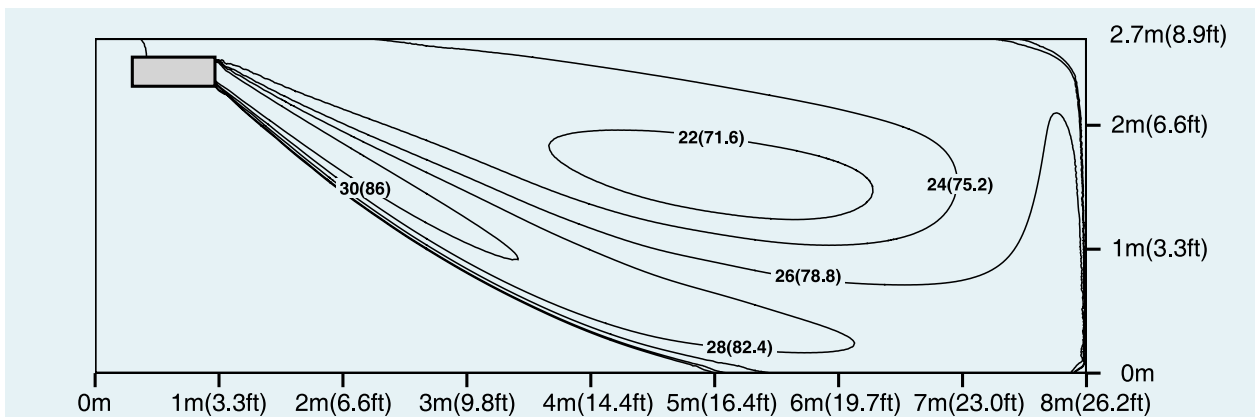
Cooling velocity

Unit: m/s (ft/s)



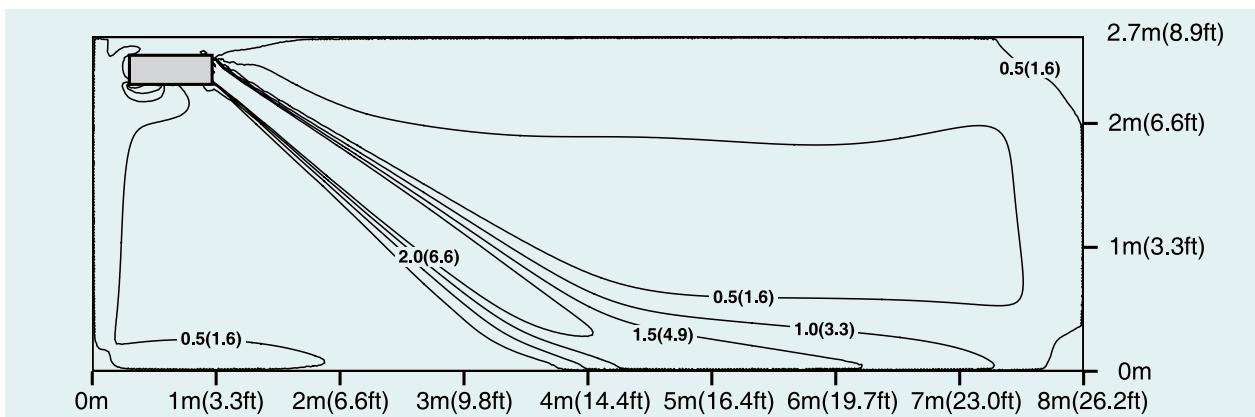
Heating temperature

Unit: °C (°F)



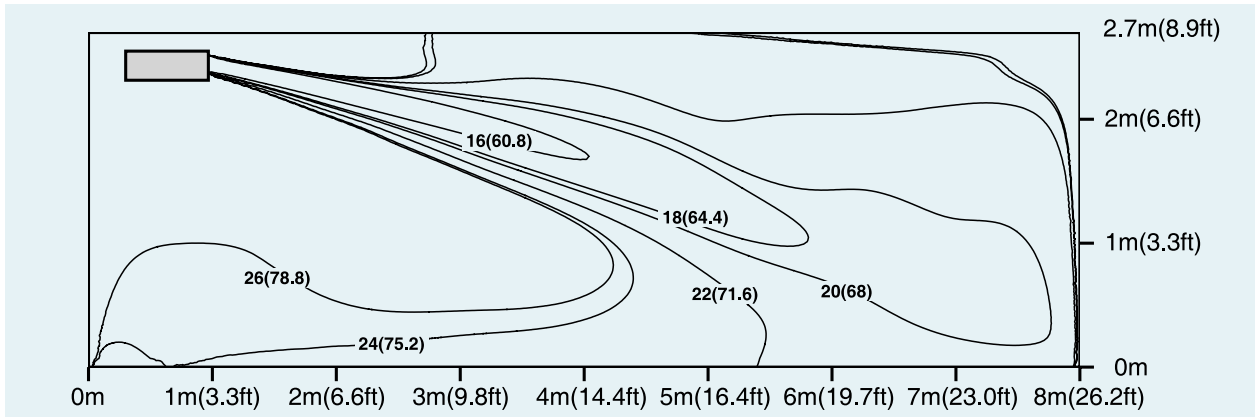
Heating velocity

Unit: m/s (ft/s)



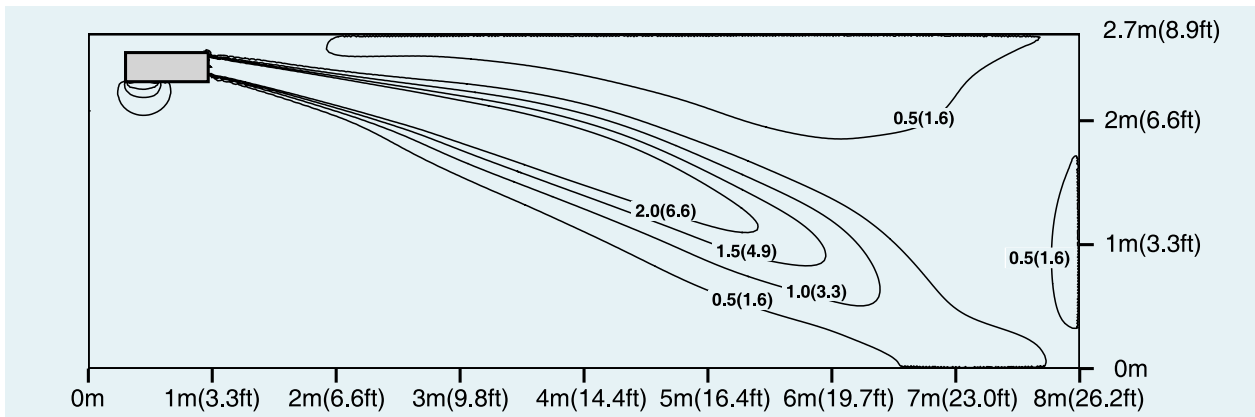
GUD100ZD/A-T
Cooling temperature

Unit: °C (°F)



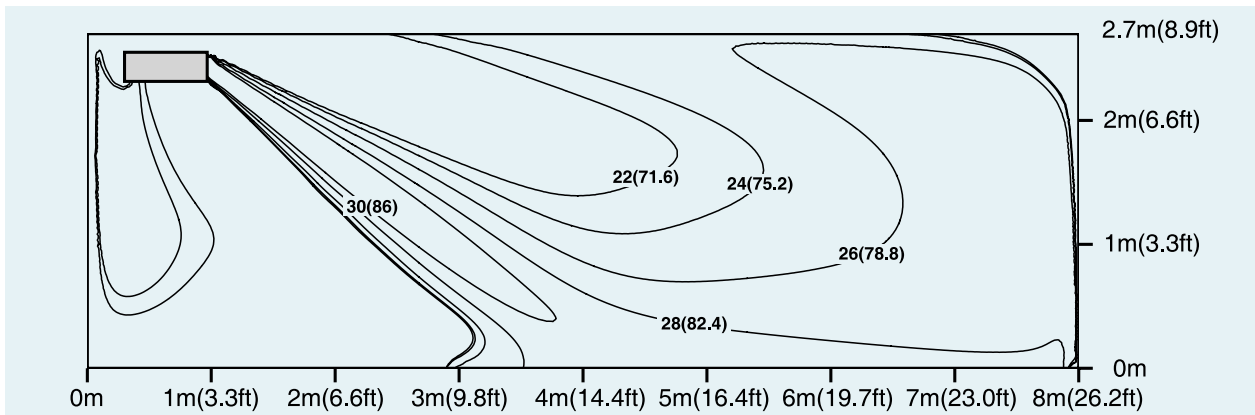
Cooling velocity

Unit: m/s (ft/s)



Heating temperature

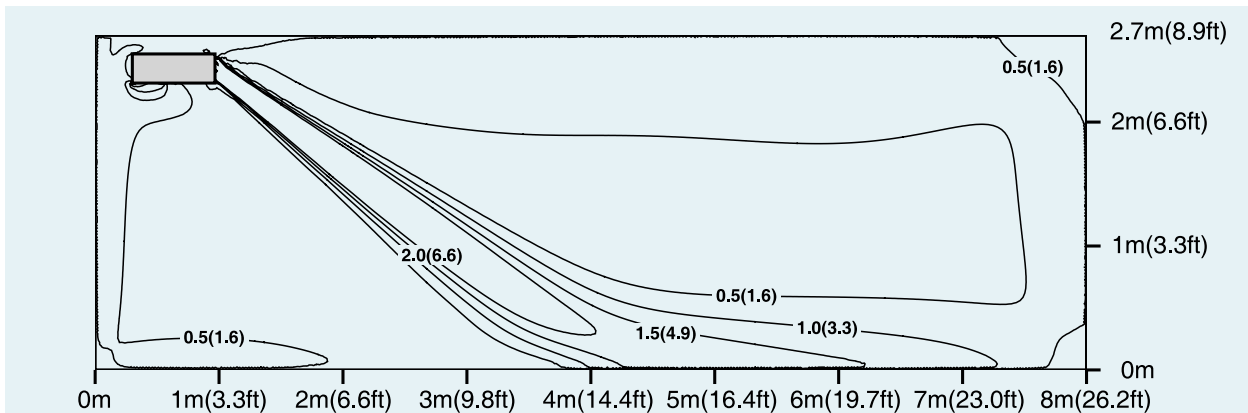
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

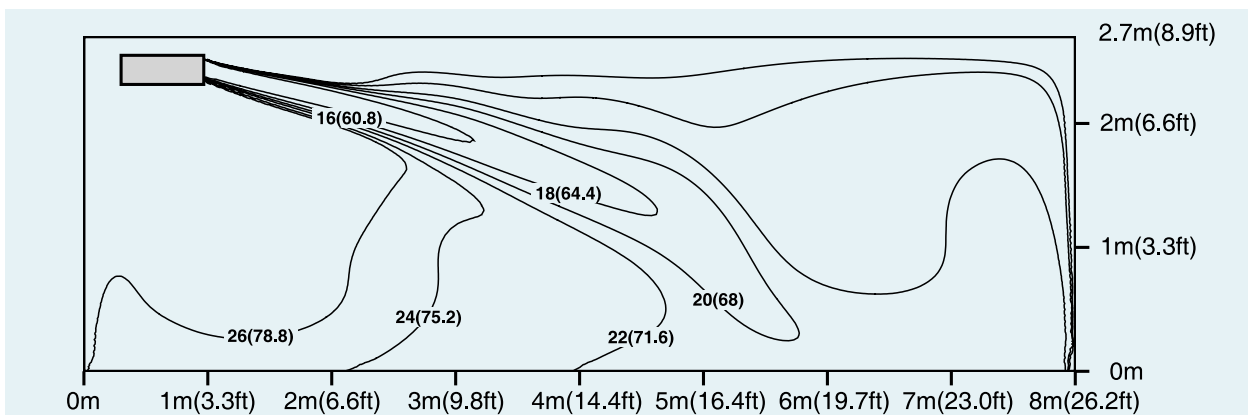
Heating velocity

Unit: m/s (ft/s)



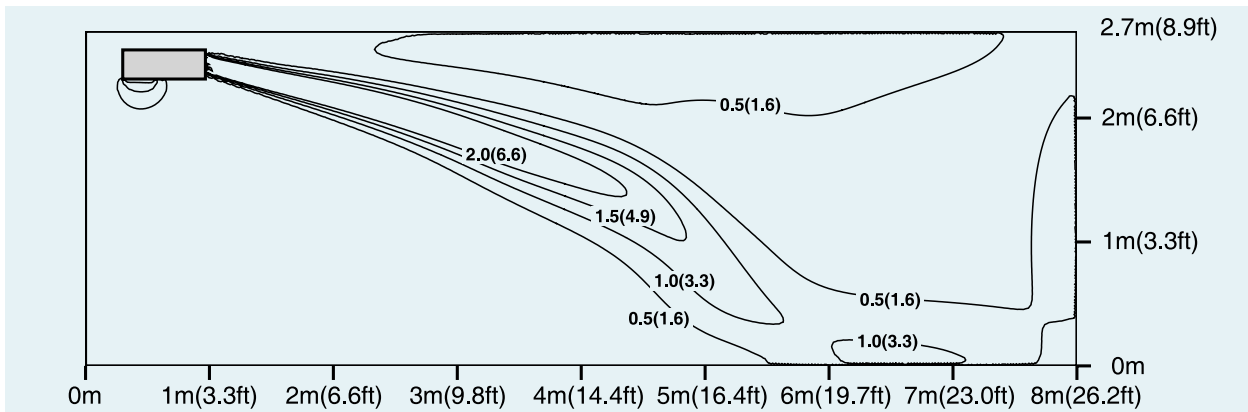
GUD125ZD/A-T
Cooling temperature

Unit: °C (°F)



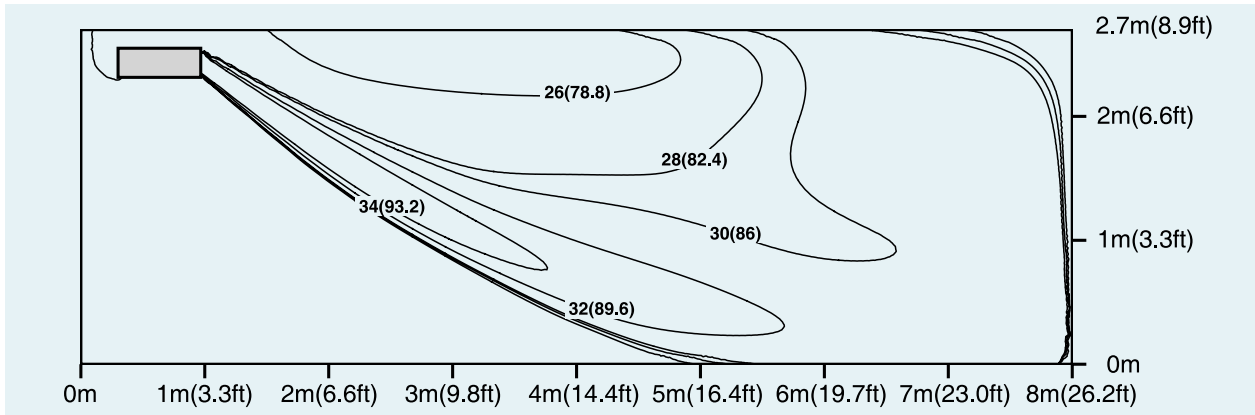
Cooling velocity

Unit: m/s (ft/s)



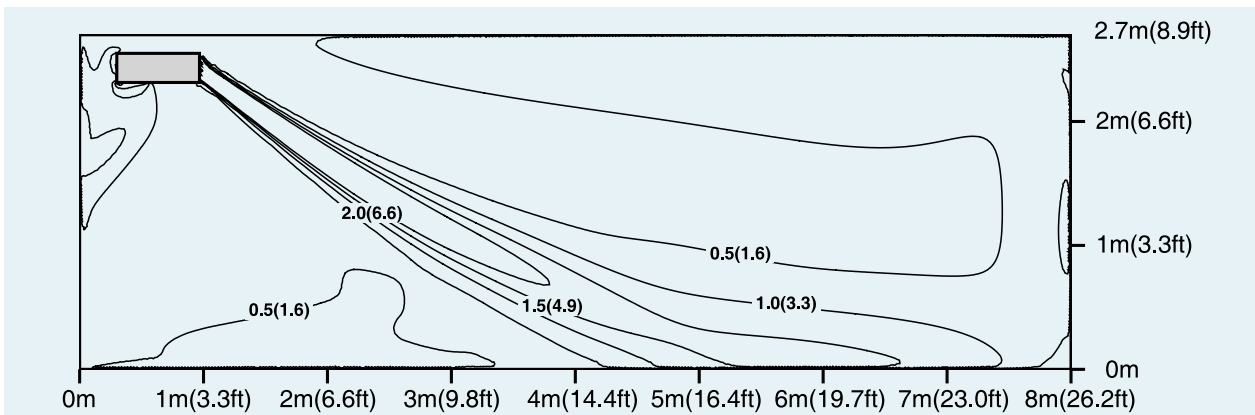
Heating temperature

Unit: °C (°F)



Heating velocity

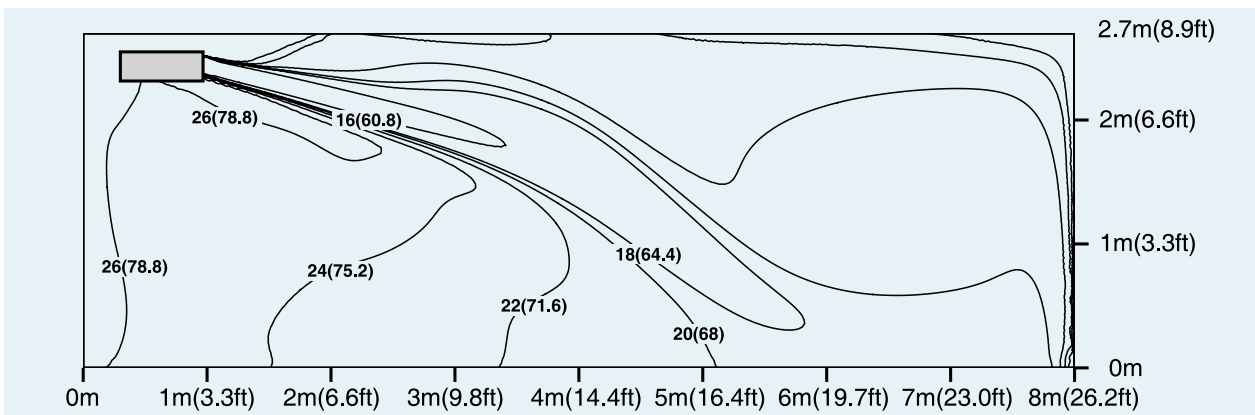
Unit: m/s (ft/s)



GUD160ZD/A-T

Cooling temperature

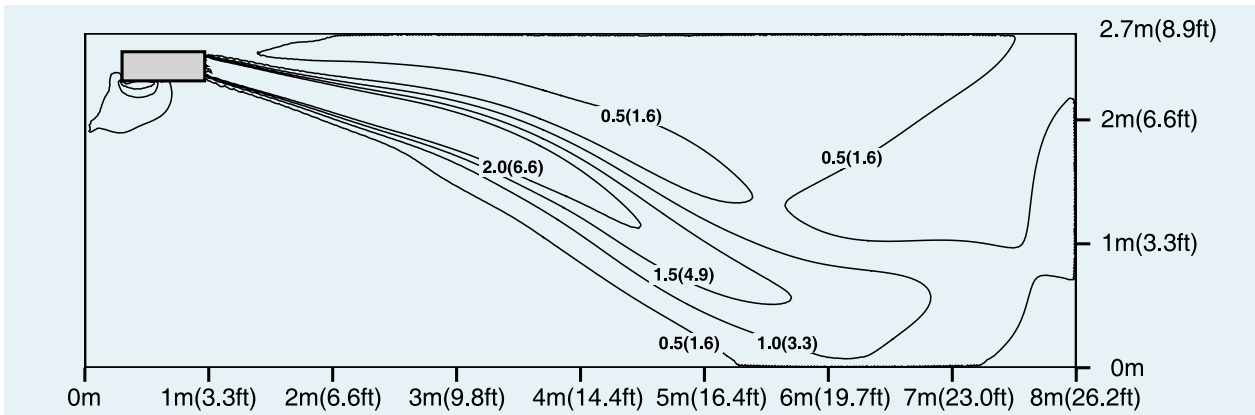
Unit: °C (°F)



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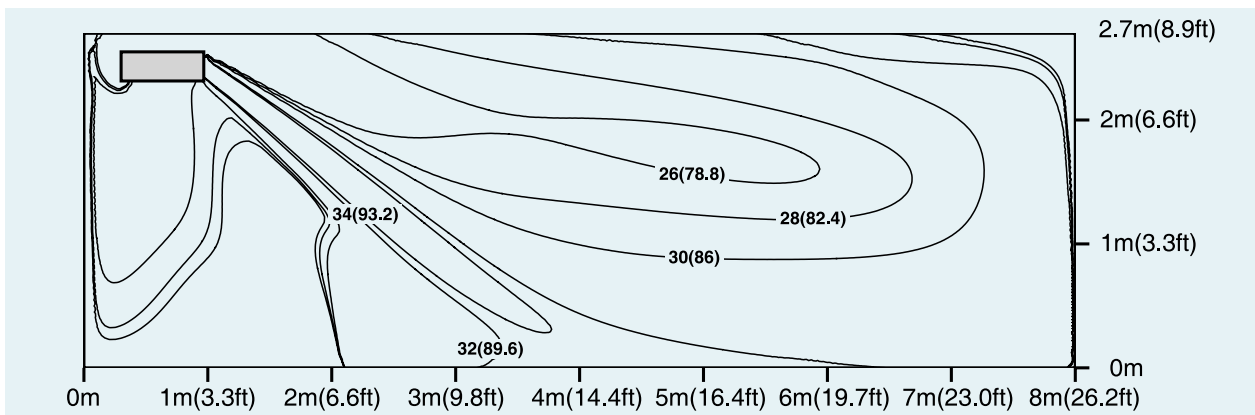
Cooling velocity

Unit: m/s (ft/s)



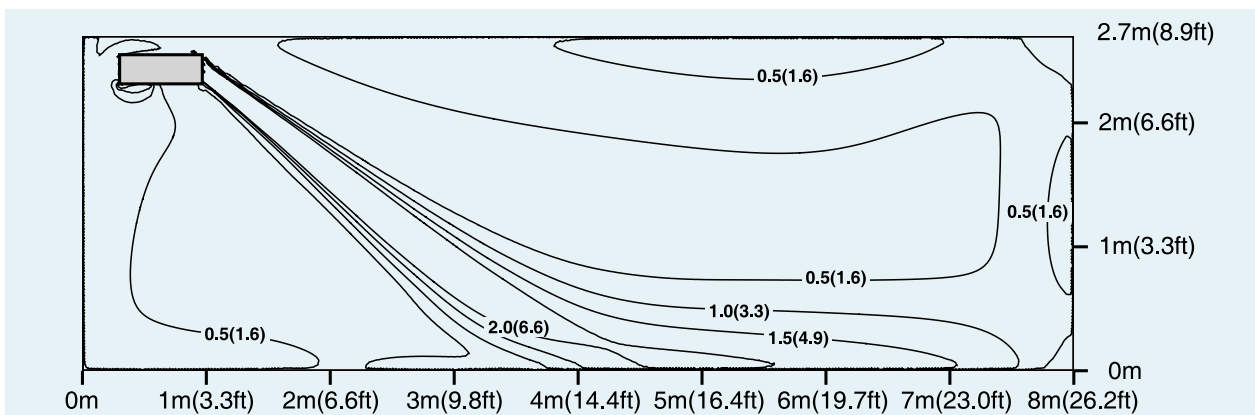
Heating temperature

Unit: °C (°F)



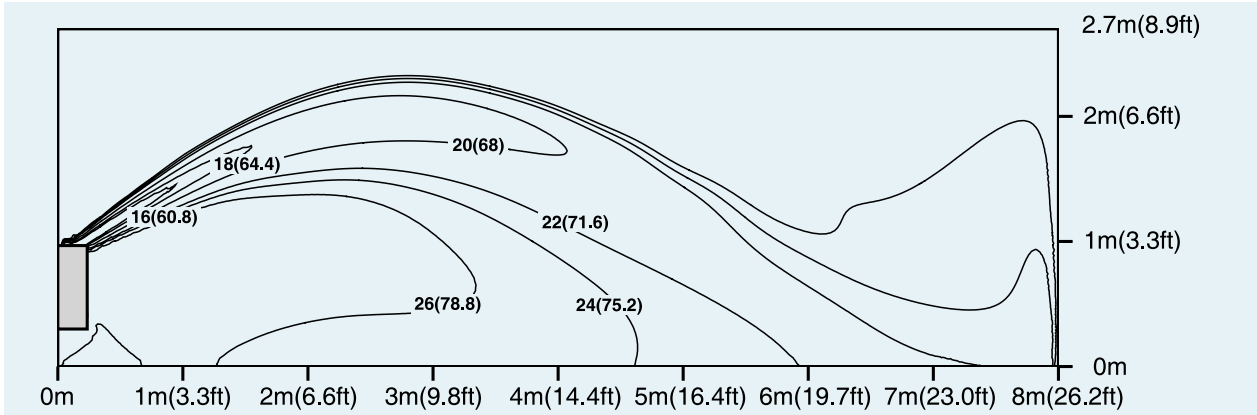
Heating velocity

Unit: m/s (ft/s)



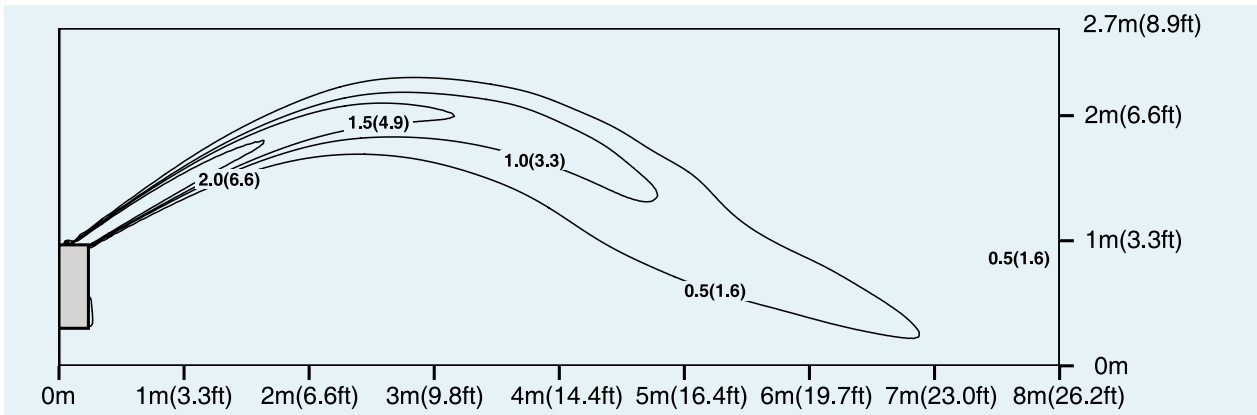
GUD35ZD/A-T
Cooling temperature

Unit: °C (°F)



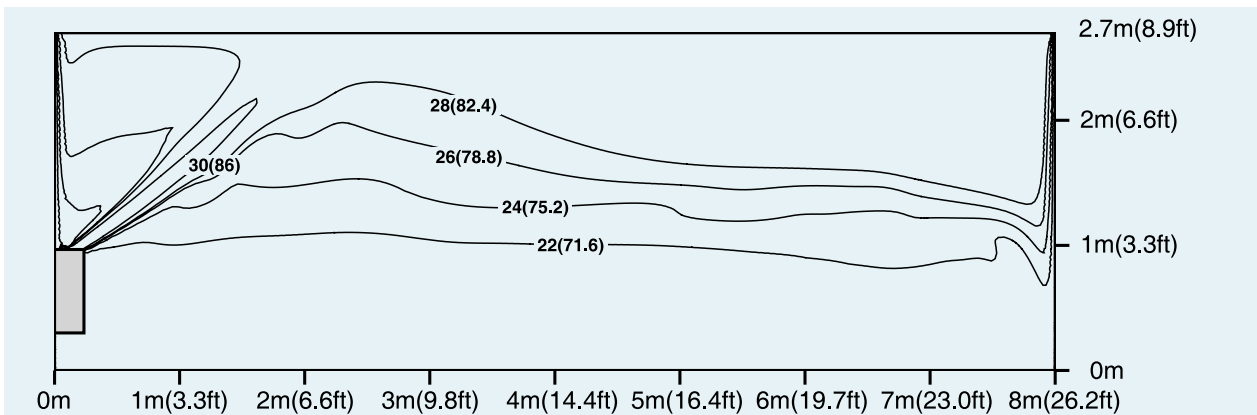
Cooling velocity

Unit: m/s (ft/s)



Heating temperature

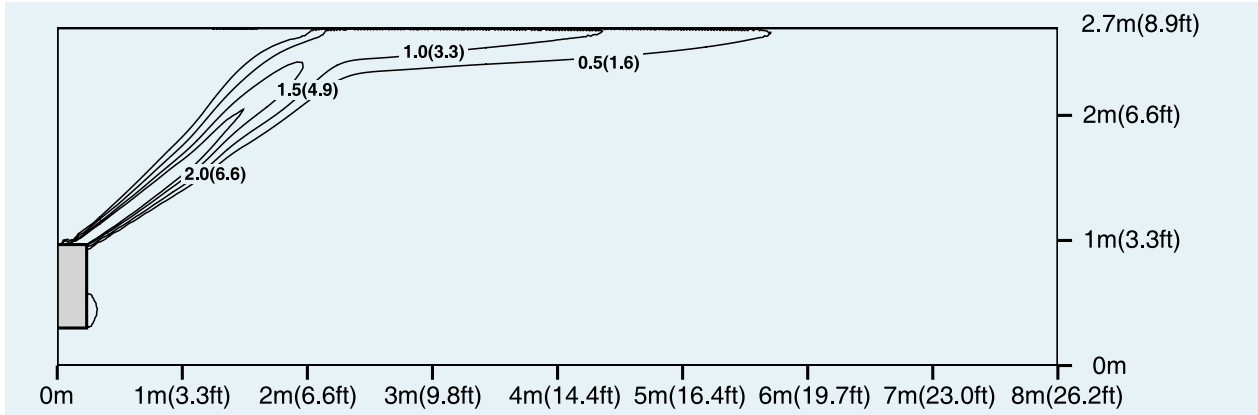
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating velocity

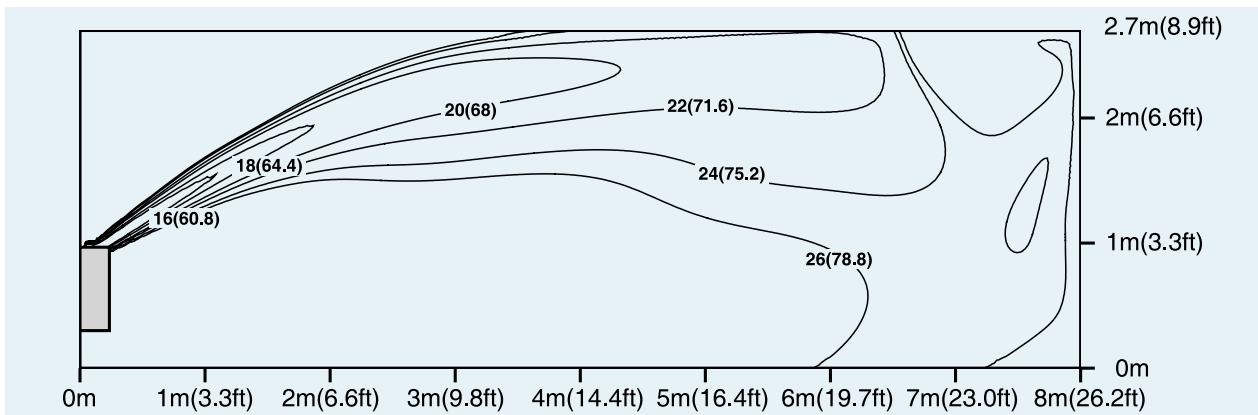
Unit: m/s (ft/s)



GUD50ZD/A-T

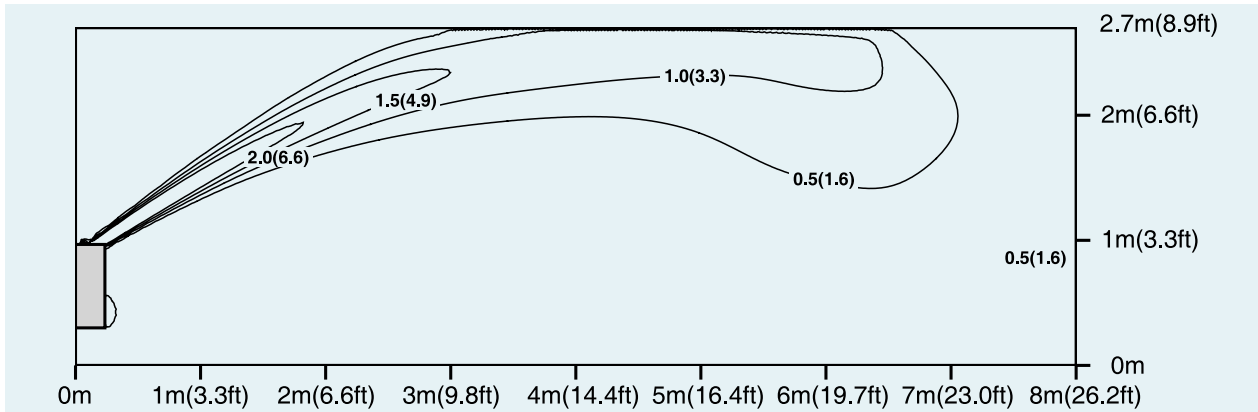
Cooling temperature

Unit: °C (°F)



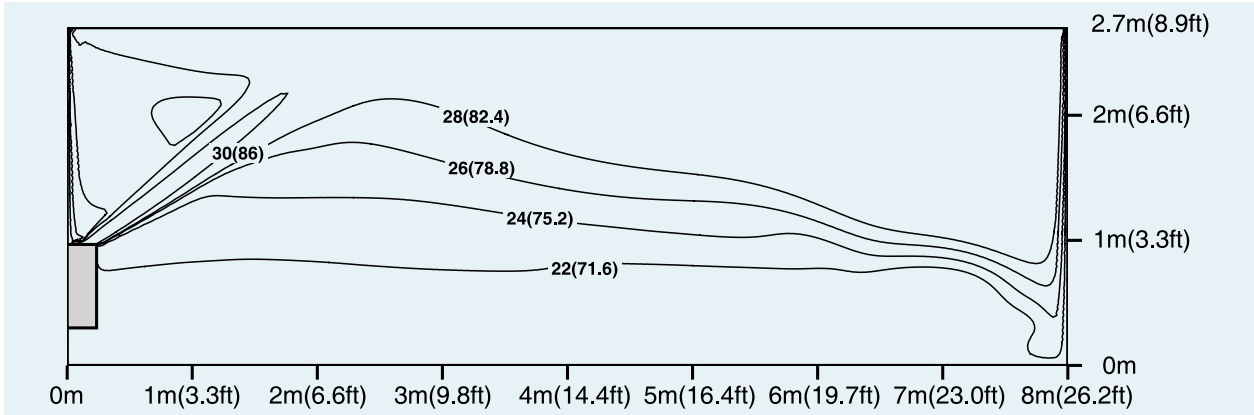
Cooling velocity

Unit: m/s (ft/s)



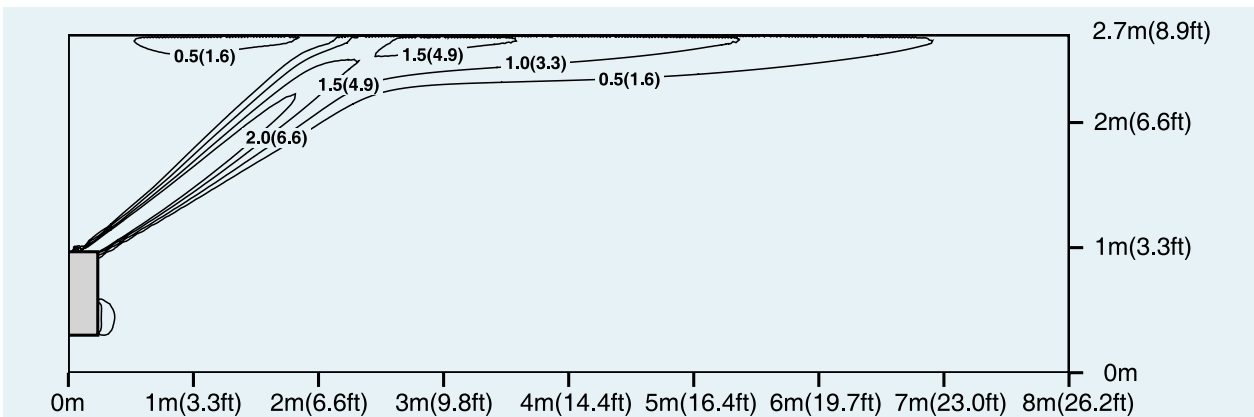
Heating temperature

Unit: °C (°F)



Heating velocity

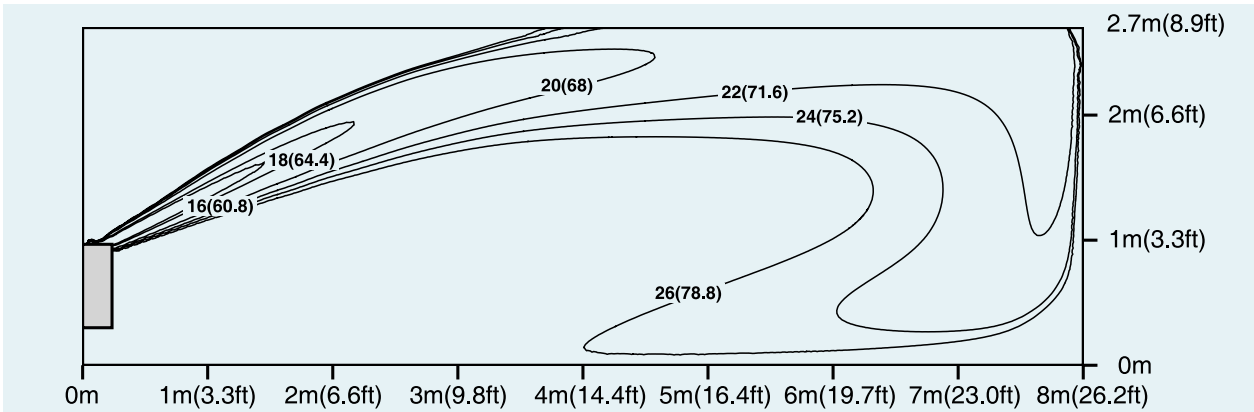
Unit: m/s (ft/s)



GUD71ZD/A-T, GUD85ZD/A-T

Cooling temperature

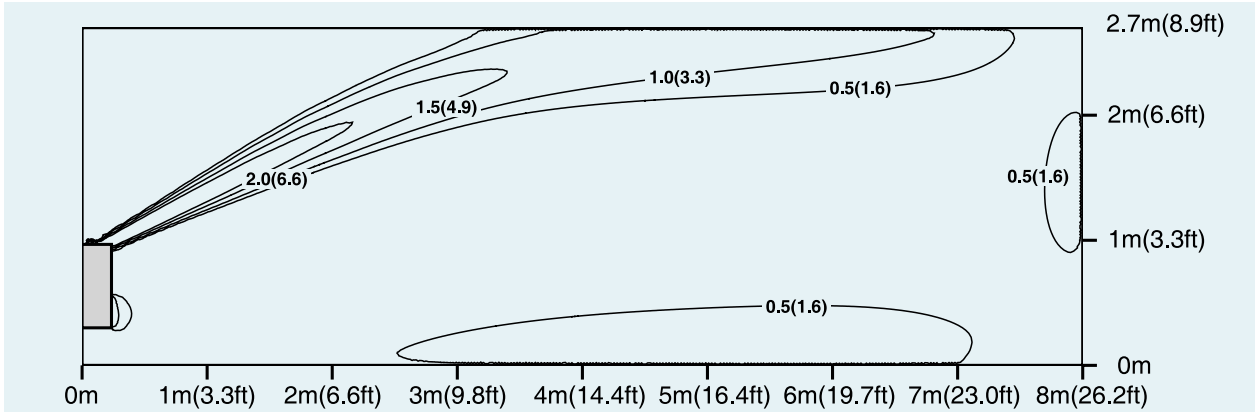
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

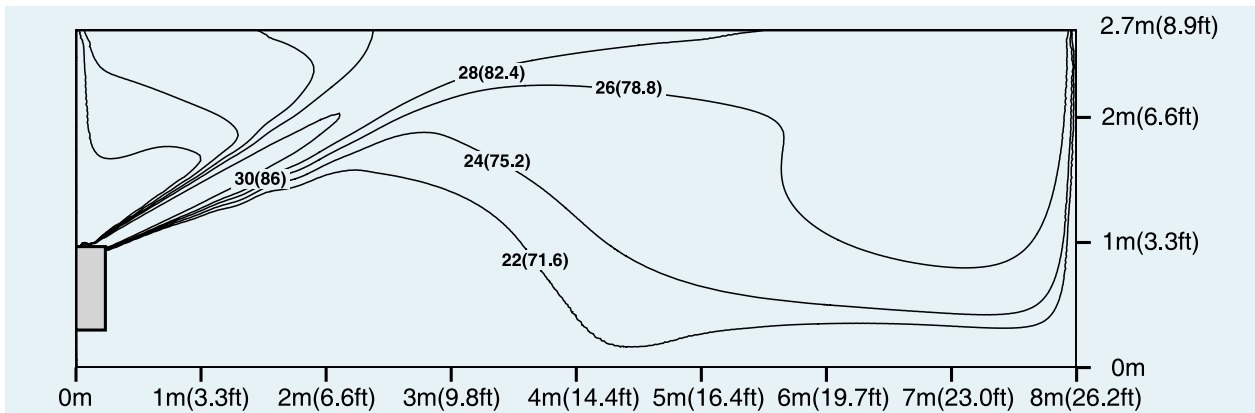
Cooling velocity

Unit: m/s (ft/s)



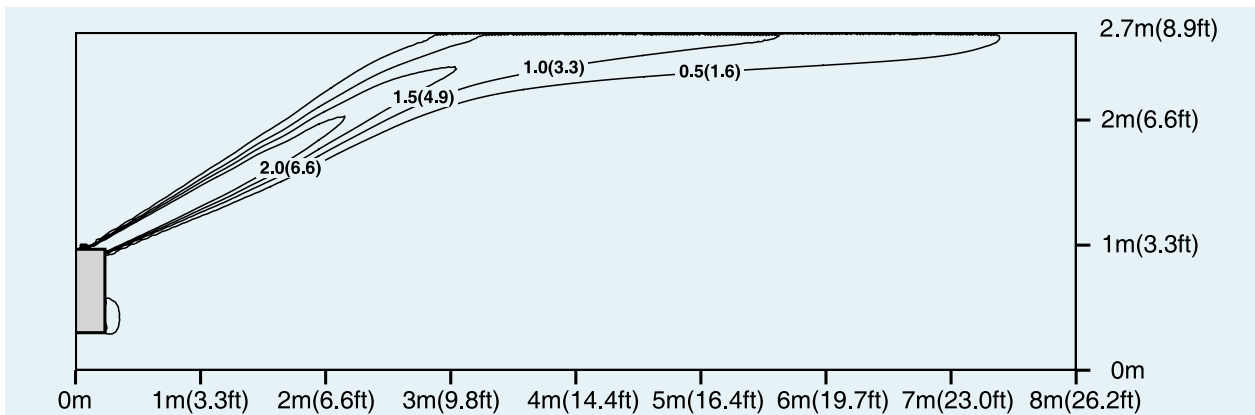
Heating temperature

Unit: °C (°F)



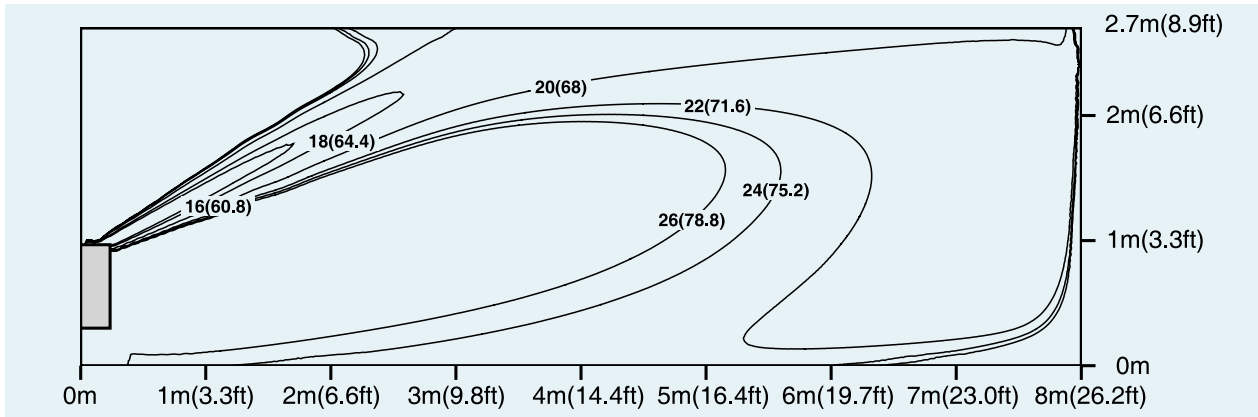
Heating velocity

Unit: m/s (ft/s)



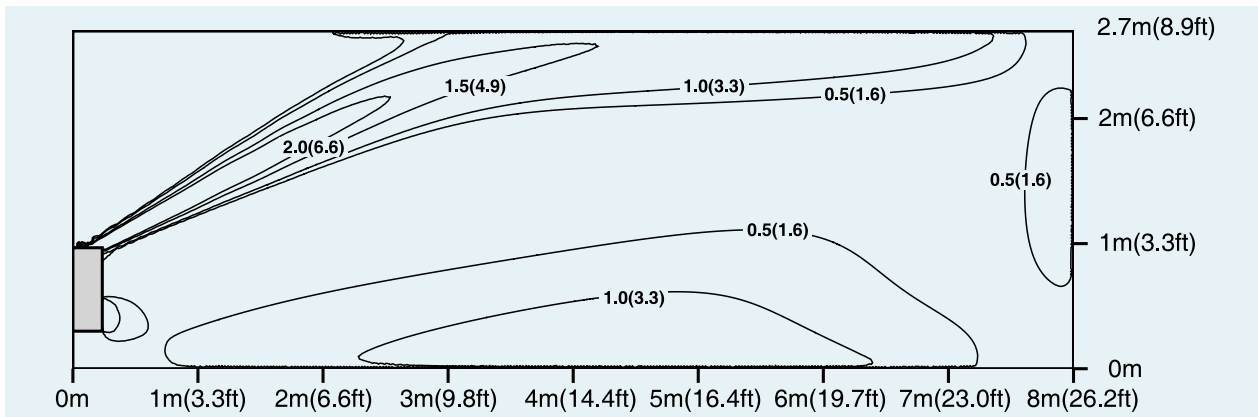
GUD100ZD/A-T
Cooling temperature

Unit: °C (°F)



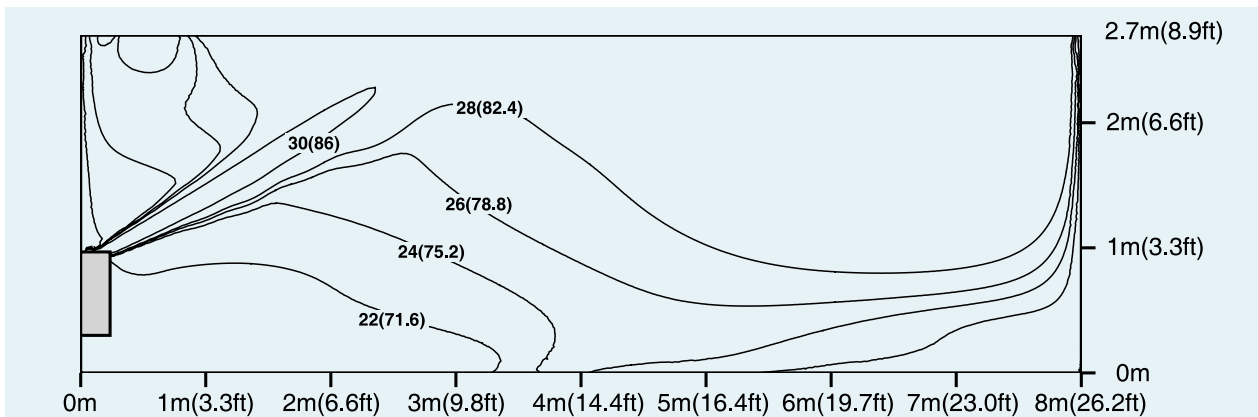
Cooling velocity

Unit: m/s (ft/s)



Heating temperature

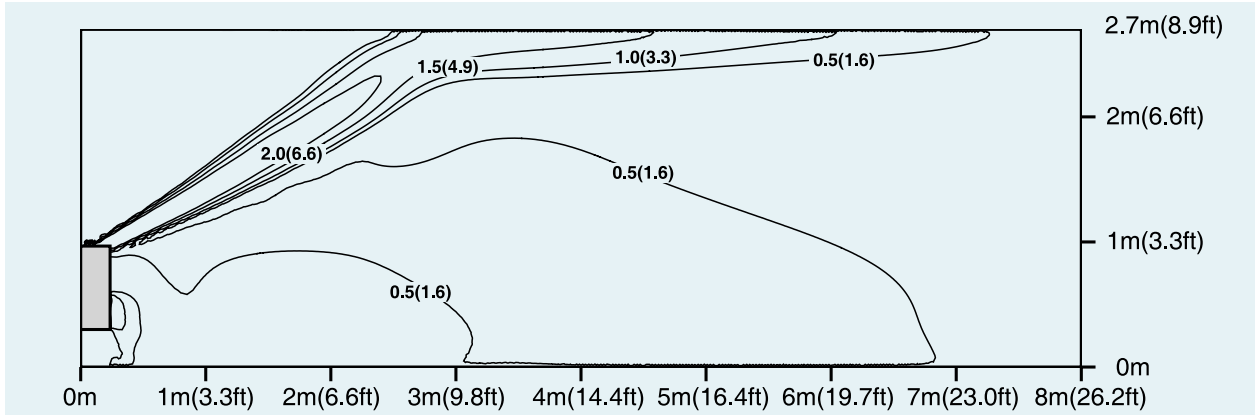
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

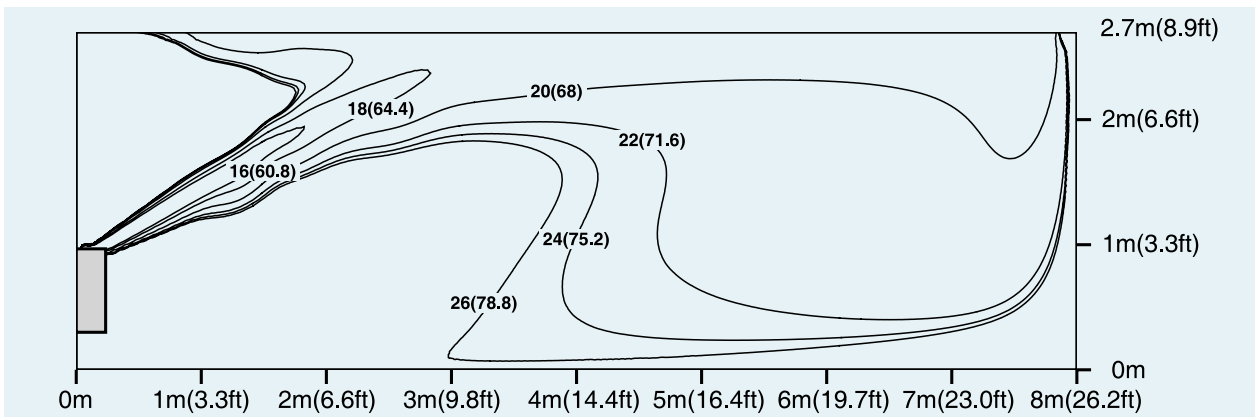
Heating velocity

Unit: m/s (ft/s)



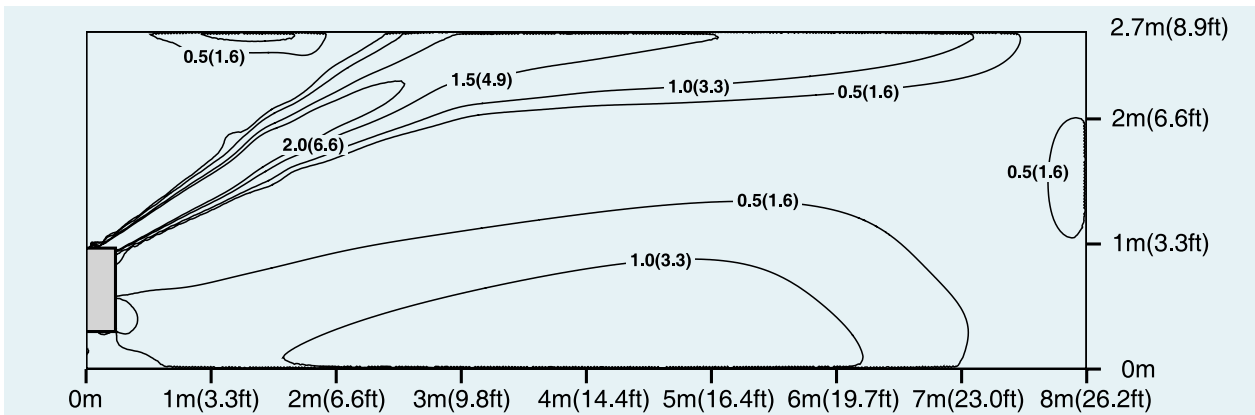
GUD125ZD/A-T, GUD140ZD/A-T
Cooling temperature

Unit: °C (°F)



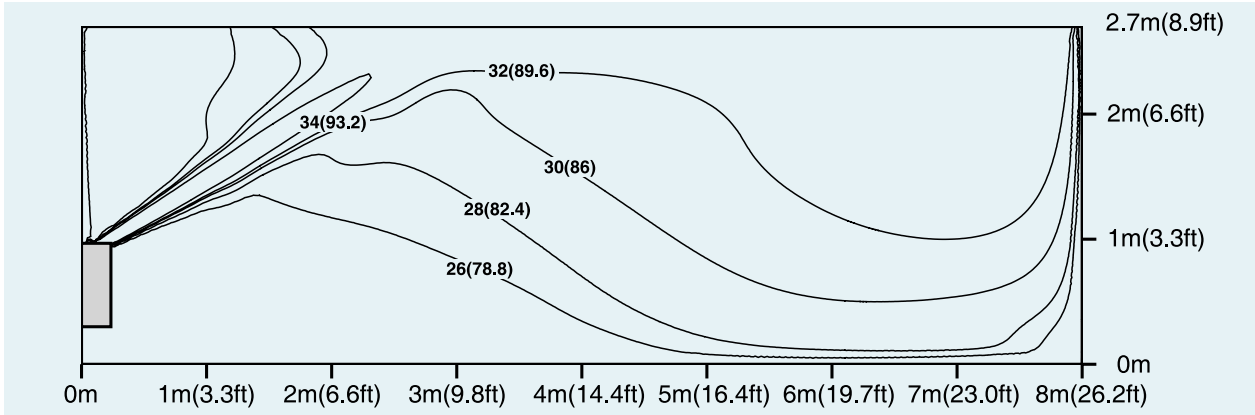
Cooling velocity

Unit: m/s (ft/s)



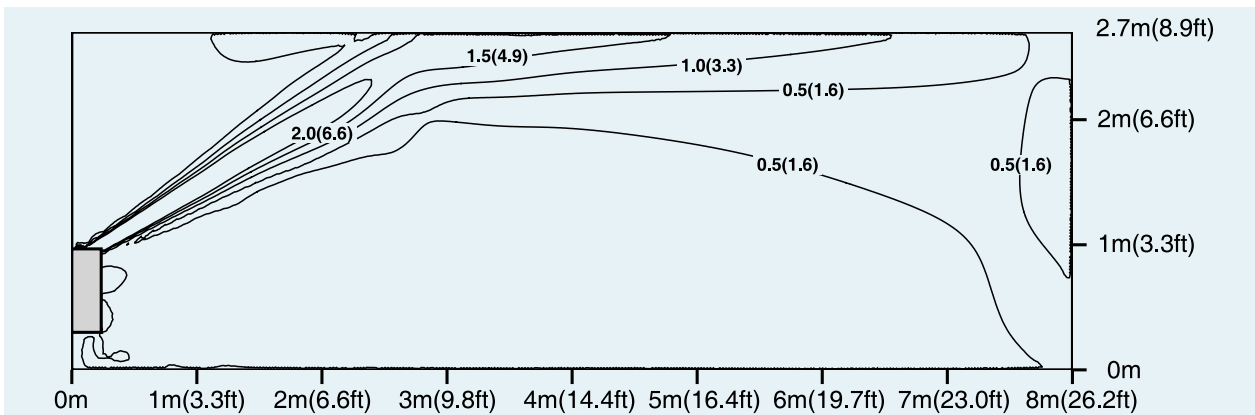
Heating temperature

Unit: °C (°F)



Heating velocity

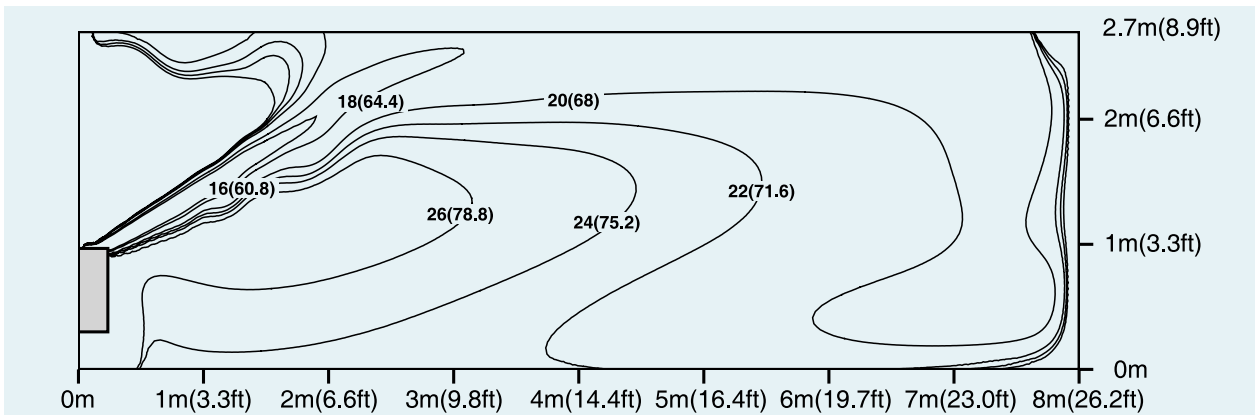
Unit: m/s (ft/s)



GUD160ZD/A-T

Cooling temperature

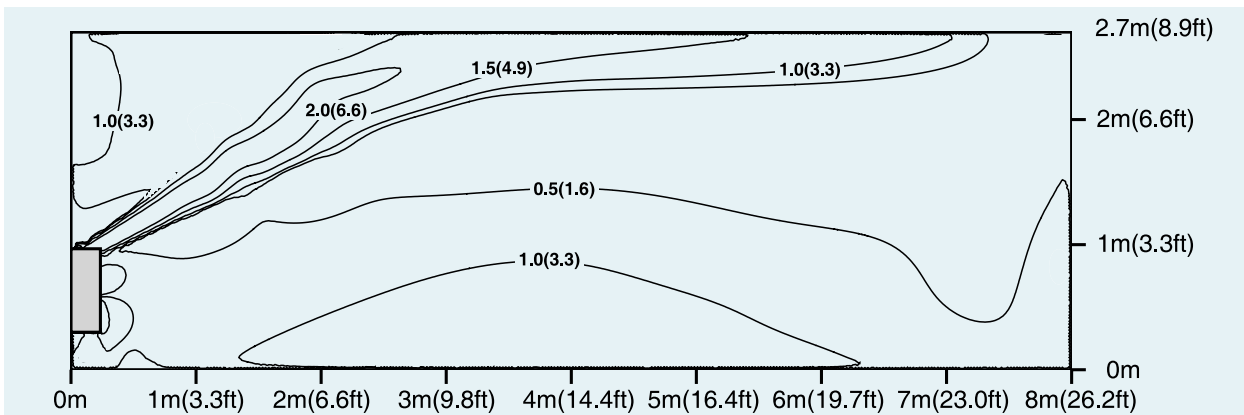
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

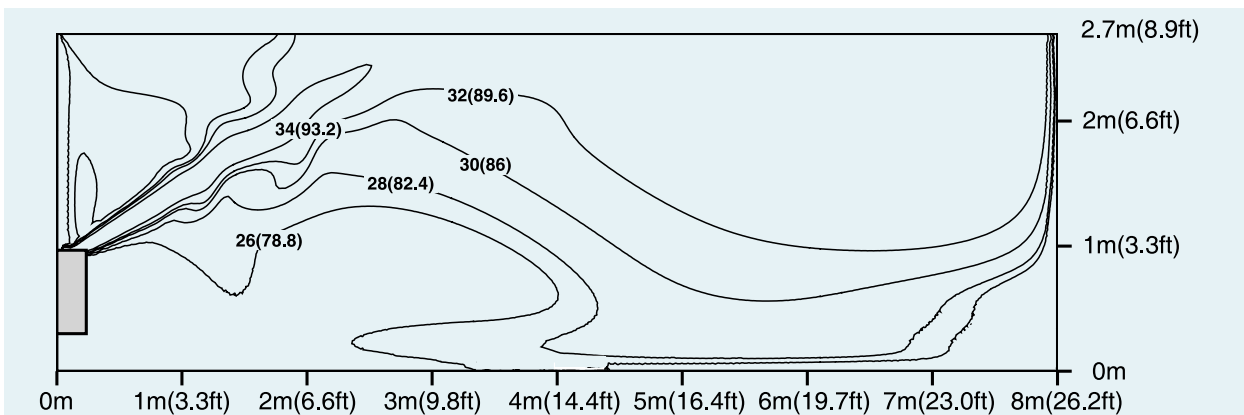
Cooling velocity

Unit: m/s (ft/s)



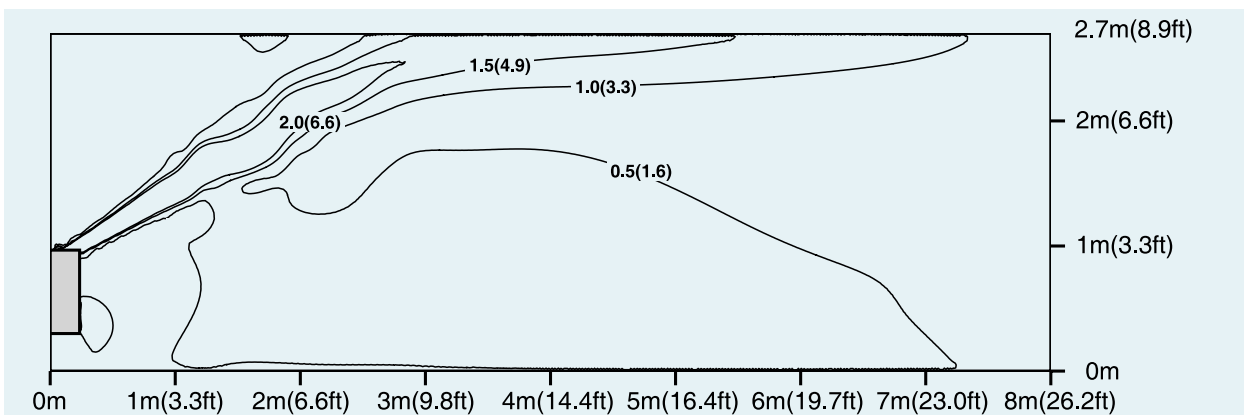
Heating temperature

Unit: °C (°F)



Heating velocity

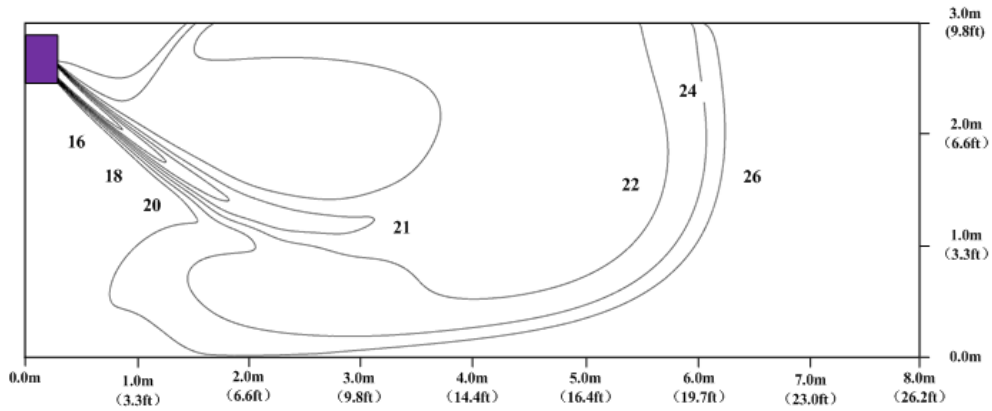
Unit: m/s (ft/s)



8.3 Wall Mounted Type

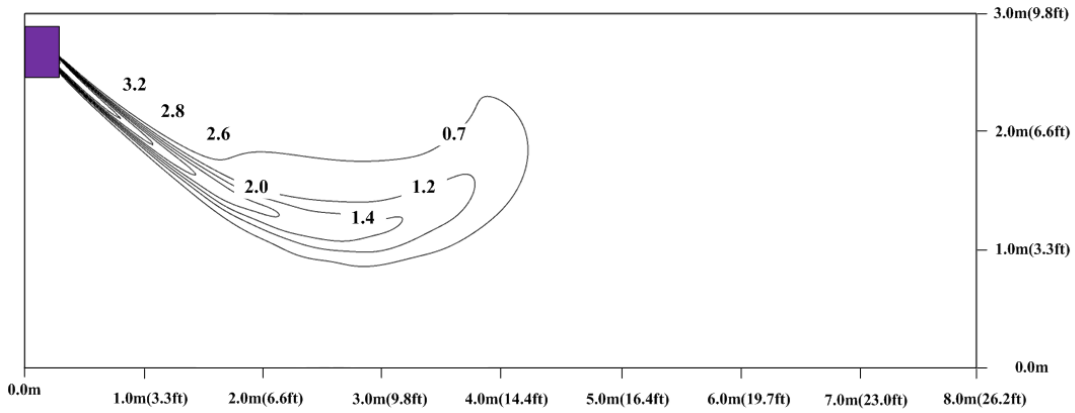
GUD71G/A-T, GUD71G/A1-T
Cooling temperature

Unit: °C (°F)



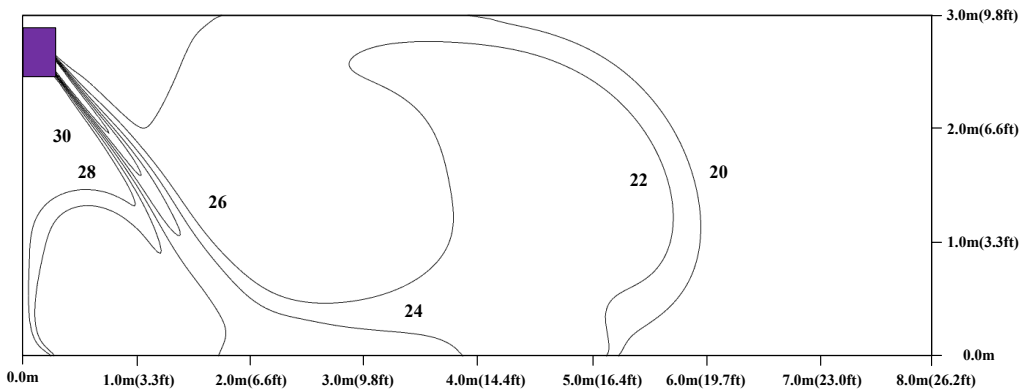
Cooling velocity

Unit: m/s (ft/s)



Heating temperature

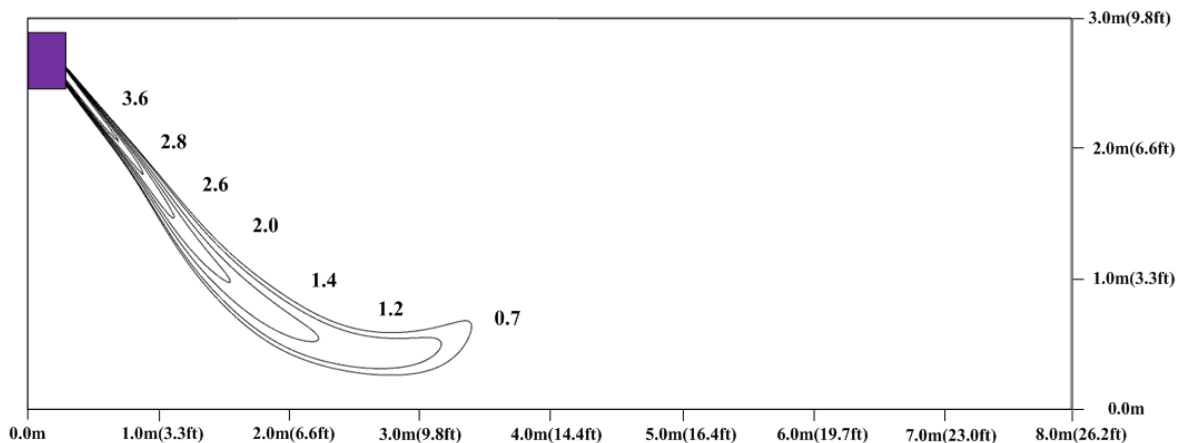
Unit: °C (°F)



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating velocity

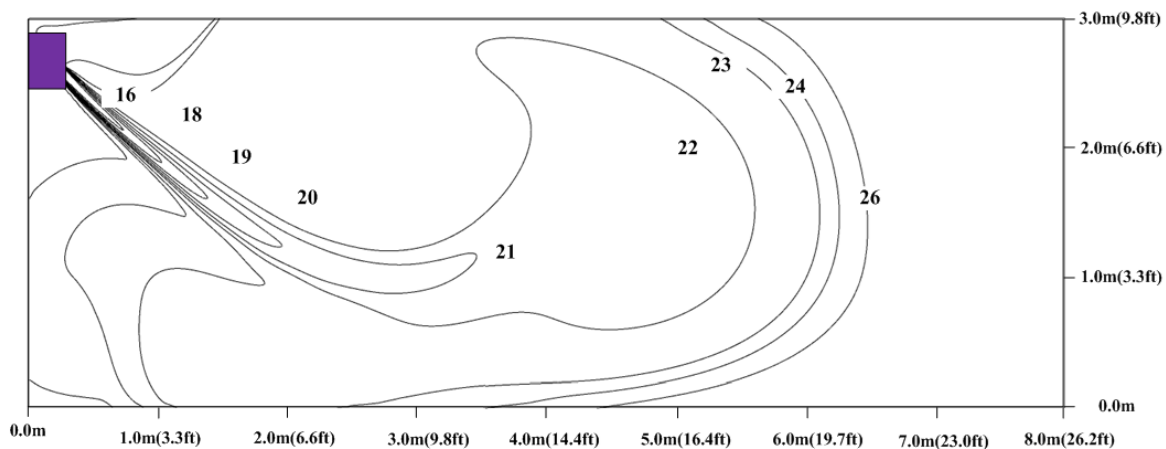
Unit: m/s (ft/s)



GUD100G/A-T, GUD100G/A1-T

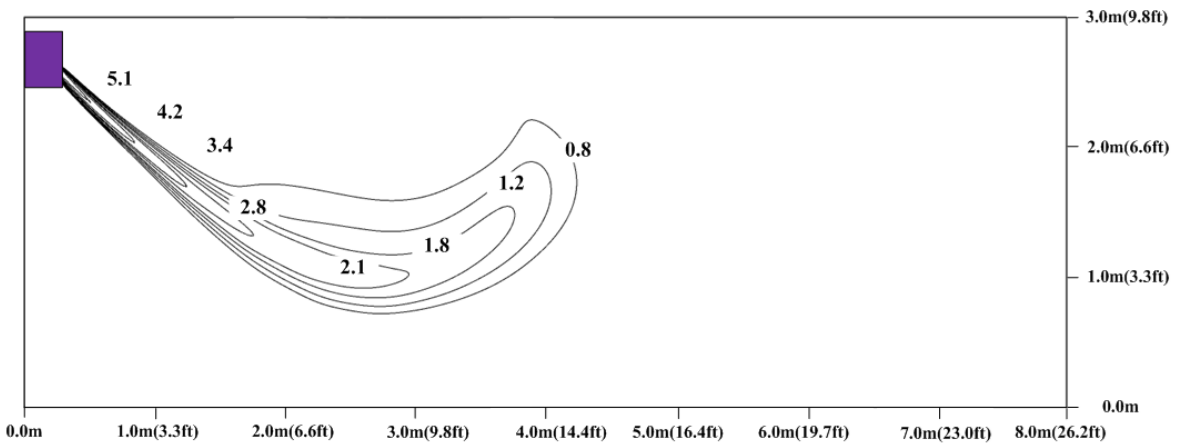
Cooling temperature

Unit: °C (°F)



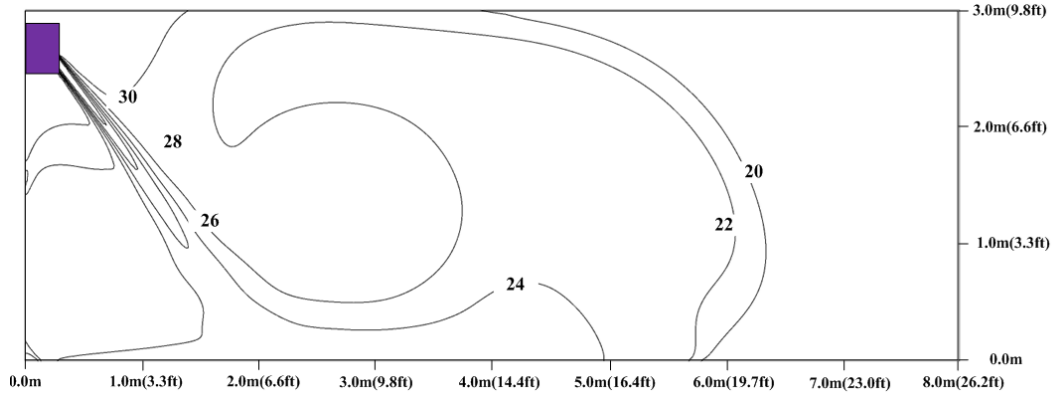
Cooling velocity

Unit: m/s (ft/s)



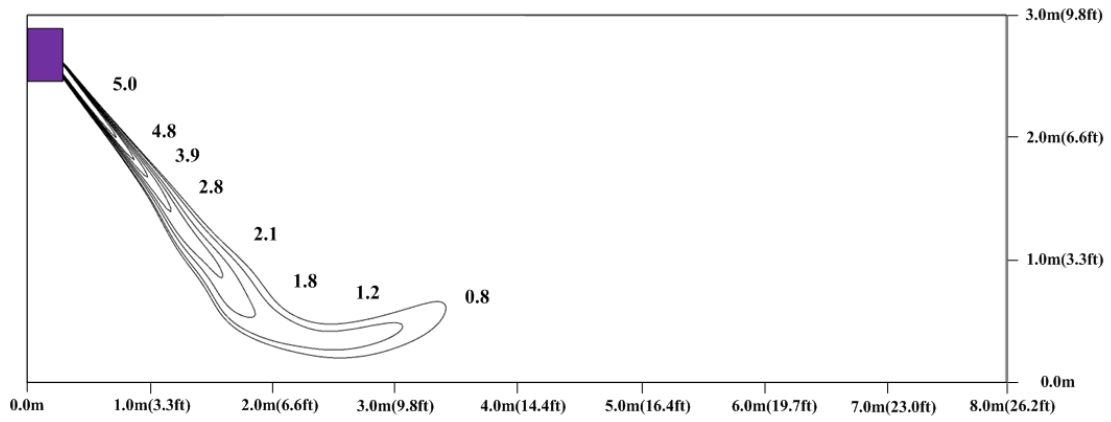
Heating temperature

Unit: °C (°F)



Heating velocity

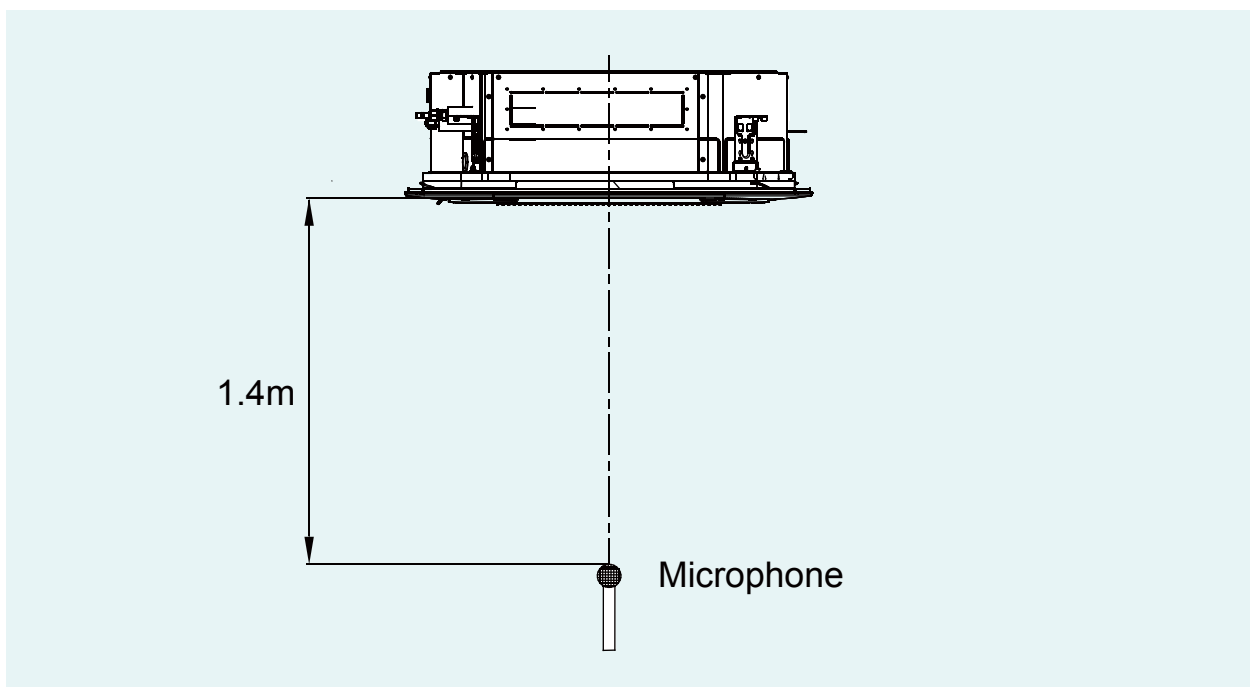
Unit: m/s (ft/s)



9 NOISE CURVE

➔ 9.1 Noise Test Diagram

9.1.1 Cassette Type



Unit: dB(A)

Model	220-240V ~50Hz			
	Turbo	H	M	L
GUD35T/A-T	44	39	36	33
GUD50T/A-T	44	39	36	33
GUD71T/A-T	43	42	40	39
GUD85T/A-T	49	47	44	41
GUD100T/A-T	50	48	46	42
GUD125T/A-T	51	49	46	42
GUD140T/A-T	52	51	48	45
GUD160T/A-T	54	52	50	48

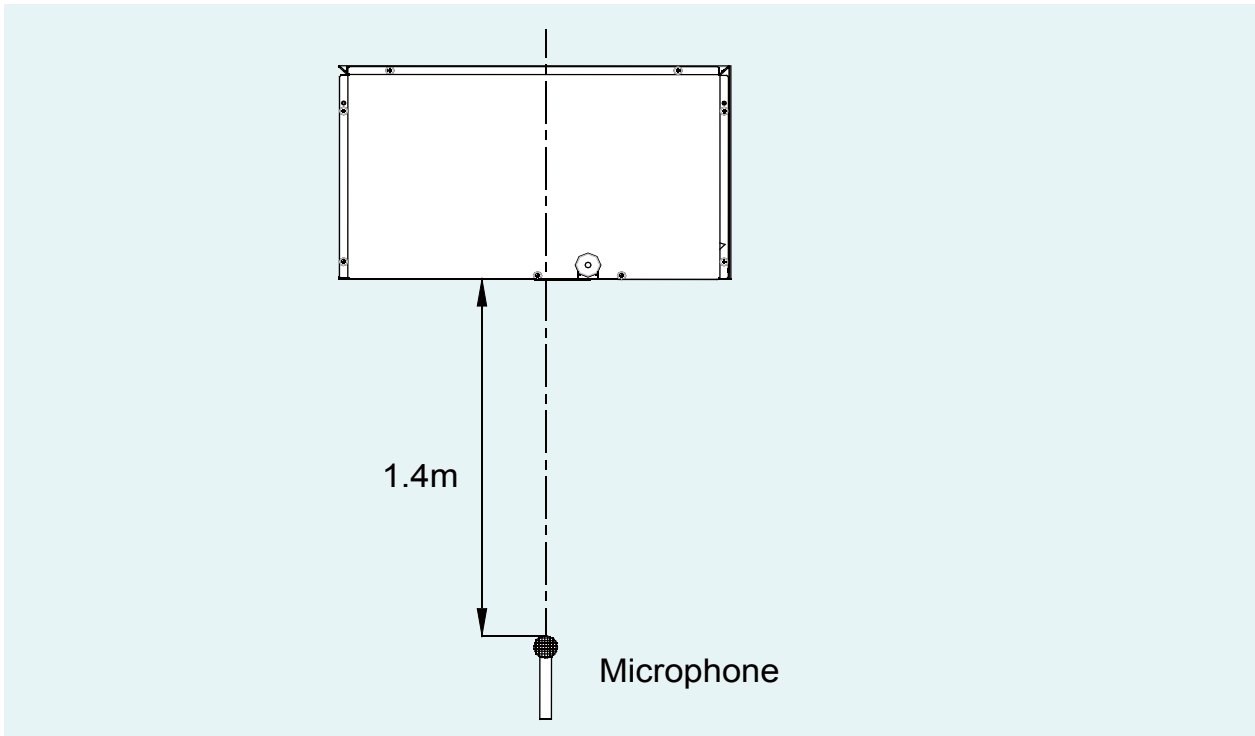
Notes:

1. Above data was measured under standard conditions. (Rated cooling capacities are based on the following conditions: Indoor temp., 27°C DB, 19°C WB; outdoor temp., 35°C DB, 24°C WB. Rated heating capacities are based on the following conditions: Indoor temp., 20°C DB, 15°C WB; outdoor temp., 7°C DB, 6°C WB.) Power specification: 220-240V ~50Hz.

2. Above data was measured in a semi-anechoic room.

3. Decibels will be varied with the change of external factors, for instance, the room structure. Please refer to the actual measurement.

9.1.2 Duct Type



Unit: dB(A)

Model	220-240V ~50Hz			
	Turbo	H	M	L
GUD35P/A-T	41	38	36	34
GUD35PS/A-T				
GUD50P/A-T	43	42	39	36
GUD50PS/A-T				
GUD71P/A-T	40	39	37	36
GUD71PS/A-T				
GUD71PH/A-T	39	38	37	36
GUD71PHS/A-T				
GUD85P/A-T	42	40	37	35
GUD85PS/A-T				
GUD85PH/A-T	42	41	39	38
GUD85PHS/A-T				
GUD100PH/A-T	46	44	42	40
GUD100PHS/A-T				
GUD125PH/A-T	42	40	39	37
GUD125PHS/A-T				
GUD140PH/A-T	43	41	40	38
GUD140PHS/A-T				
GUD160PH/A-T	44	41	39	38
GUD160PHS/A-T				

Notes:

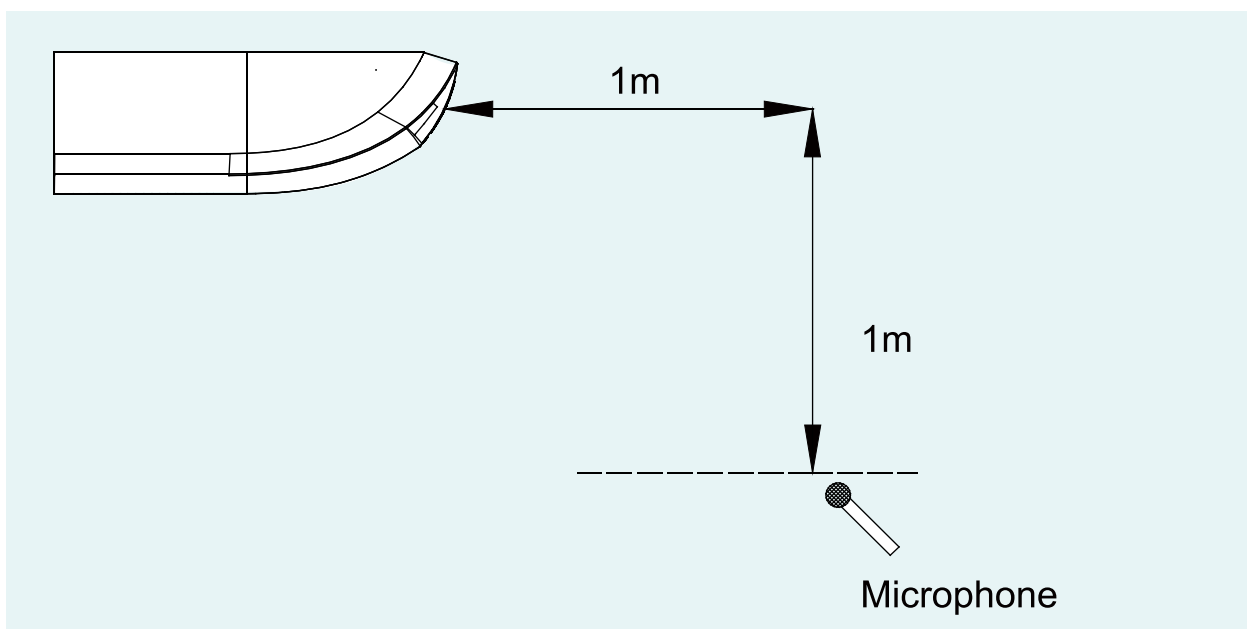
1. Above data was measured under standard conditions. (Rated cooling capacities are based on the following conditions: Indoor temp., 27°C DB, 19°C WB; outdoor temp., 35°C DB, 24°C WB. Rated heating capacities are based on the following conditions: Indoor temp., 20°C DB, 15°C WB; outdoor temp., 7°C DB, 6°C WB.) Power specification: 220-240V ~50Hz.

2. Above data was measured in a semi-anechoic room.

3. Decibels will be varied with the change of external factors, for instance, the room structure. Please

refer to the actual measurement.

9.1.3 Floor Ceiling Type



Unit: dB(A)

Model	220-240V ~50Hz			
	Turbo	H	M	L
GUD35ZD/A-T	39	36	32	28
GUD50ZD/A-T	44	42	39	36
GUD71ZD/A-T	45	44	41	38
GUD85ZD/A-T	49	47	45	43
GUD100ZD/A-T	49	47	45	43
GUD125ZD/A-T	49	47	44	42
GUD140ZD/A-T	52	50	48	44
GUD160ZD/A-T	54	53	49	45

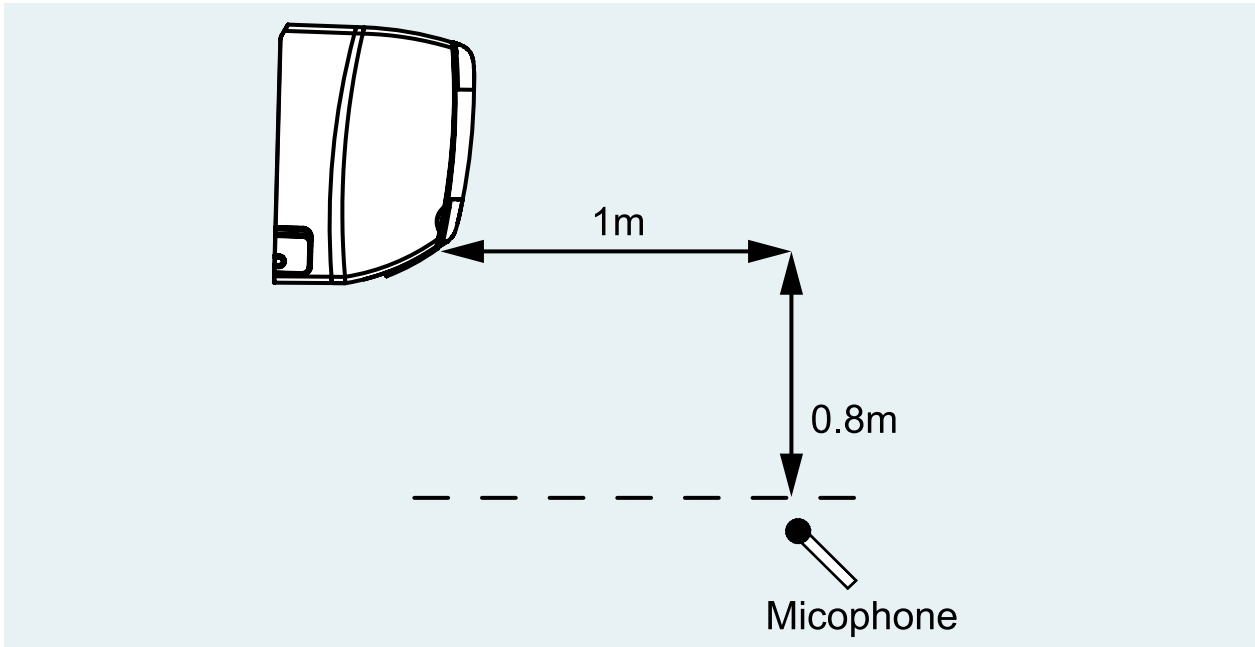
Notes:

1. Above data was measured under standard conditions. (Rated cooling capacities are based on the following conditions:Indoor temp.,27°C DB,19°C WB;outdoor temp.,35°C DB,24°C WB. Rated heating capacities are based on the following conditions:Indoor temp.,20°C DB,15°C WB;outdoor temp.,7°C DB,6°C WB.) Power specification:220-240V ~50Hz.

2. Above data was measured in a semi-anechoic room.

3. Decibels will be varied with the change of external factors, for instance, the room structure. Please refer to the actual measurement.

9.1.4 Wall Mounted Type



Model	220-240V ~50Hz			
	Turbo dB(A)	H dB(A)	M dB(A)	L dB(A)
GUD71G/A-T	47	45	43	40
GUD71G/A1-T	47	45	43	40
GUD100G/A-T	53	51	46	43
GUD100G/A1-T	53	51	46	43

Notes:

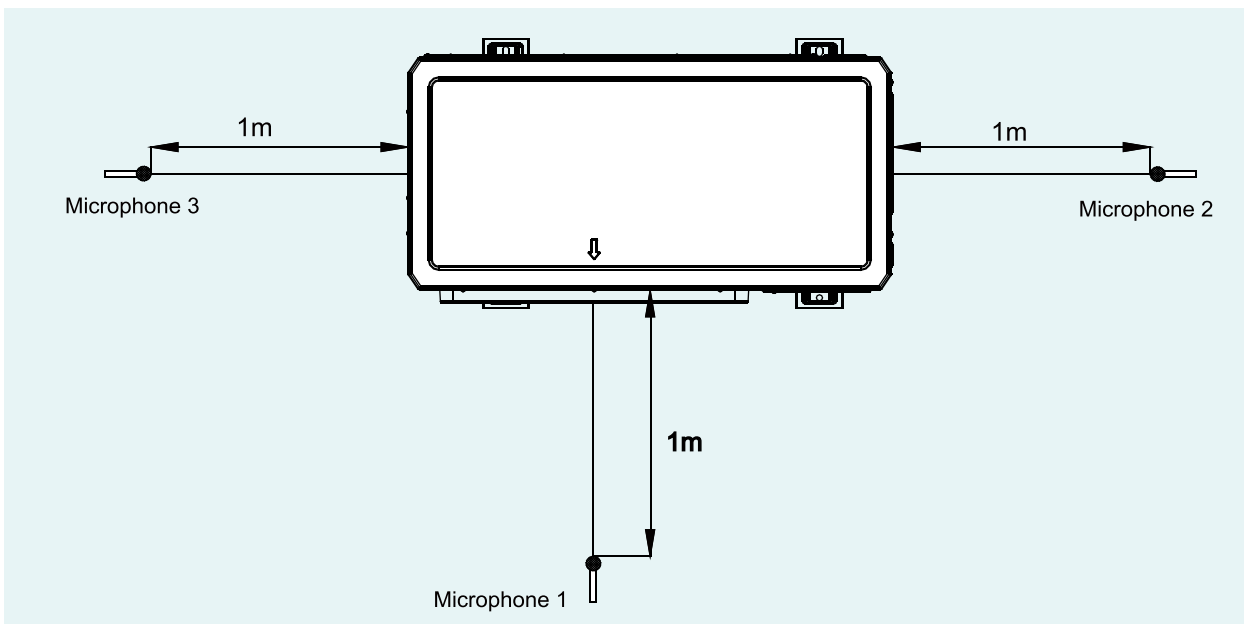
1. Above data was measured under standard conditions. (Rated cooling capacities are based on the following conditions:Indoor temp.,27°C DB,19°C WB;outdoor temp.,35°C DB,24°C WB. Rated heating capacities are based on the following conditions:Indoor temp.,20°C DB,15°C WB;outdoor temp.,7°C DB,6°C WB.) Power specification:220-240V ~50Hz.

2. Above data was measured in a semi-anechoic room.

3. Decibels will be varied with the change of external factors, for instance, the room structure. Please refer to the actual measurement.

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9.1.5 Outdoor Unit



Unit: dB(A)

Model	Cooling	Heating	Power supply (V,Ph,HZ)
GUD35W/NhA-T	50	48	220-240V ~50Hz
GUD50W/NhA-T	53	50	
GUD71W/NhA-T	52	51	
GUD85W/NhA-T	53	52	
GUD100W/NhA-T	55	55	
GUD125W/NhA-T	55	55	
GUD140W/NhA-T	56	54	
GUD100W/NhA-X	55	55	380-415V 3N~50Hz
GUD125W/NhA-X	56	55	
GUD140W/NhA-X	57	54	
GUD160W/NhA-X	57	56	

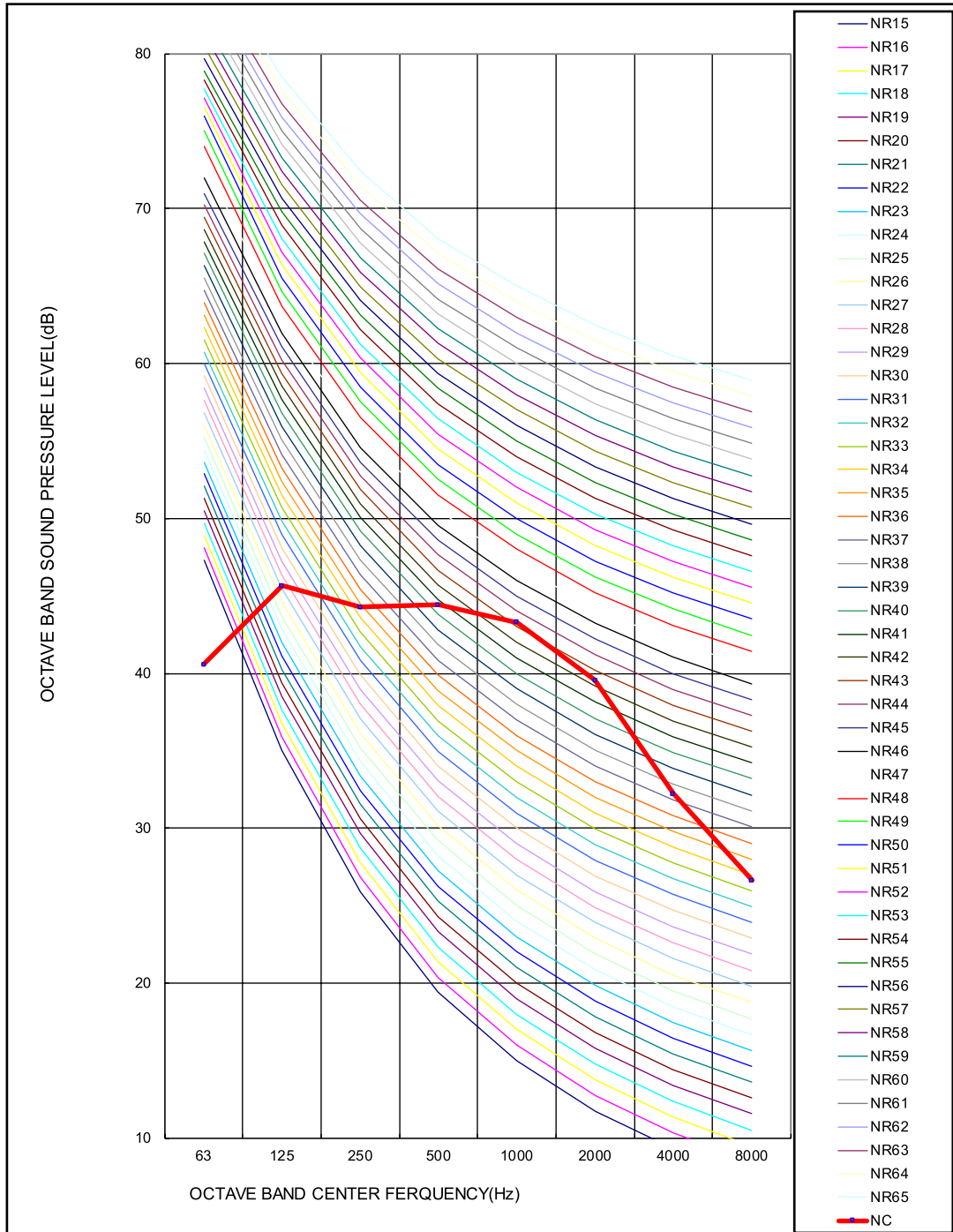
Notes:

- Above data was measured under standard conditions. (Rated cooling capacities are based on the following conditions: Indoor temp., 27°C DB, 19°C WB; outdoor temp., 35°C DB, 24°C WB. Rated heating capacities are based on the following conditions: Indoor temp., 20°C DB, 15°C WB; outdoor temp., 7°C DB, 6°C WB.) Power specification: 220-240V ~50Hz, 380-415V 3N~50Hz
- Above data was the average of three points data.
- Above data was measured in a semi-anechoic room.
- Decibels will be varied with the change of external factors, for instance, the room structure. Please refer to the actual measurement.
- h: the height of the Microphone
H: the height of the units
 $h=(H+1)/2$

➔ 9.2 Noise Curve

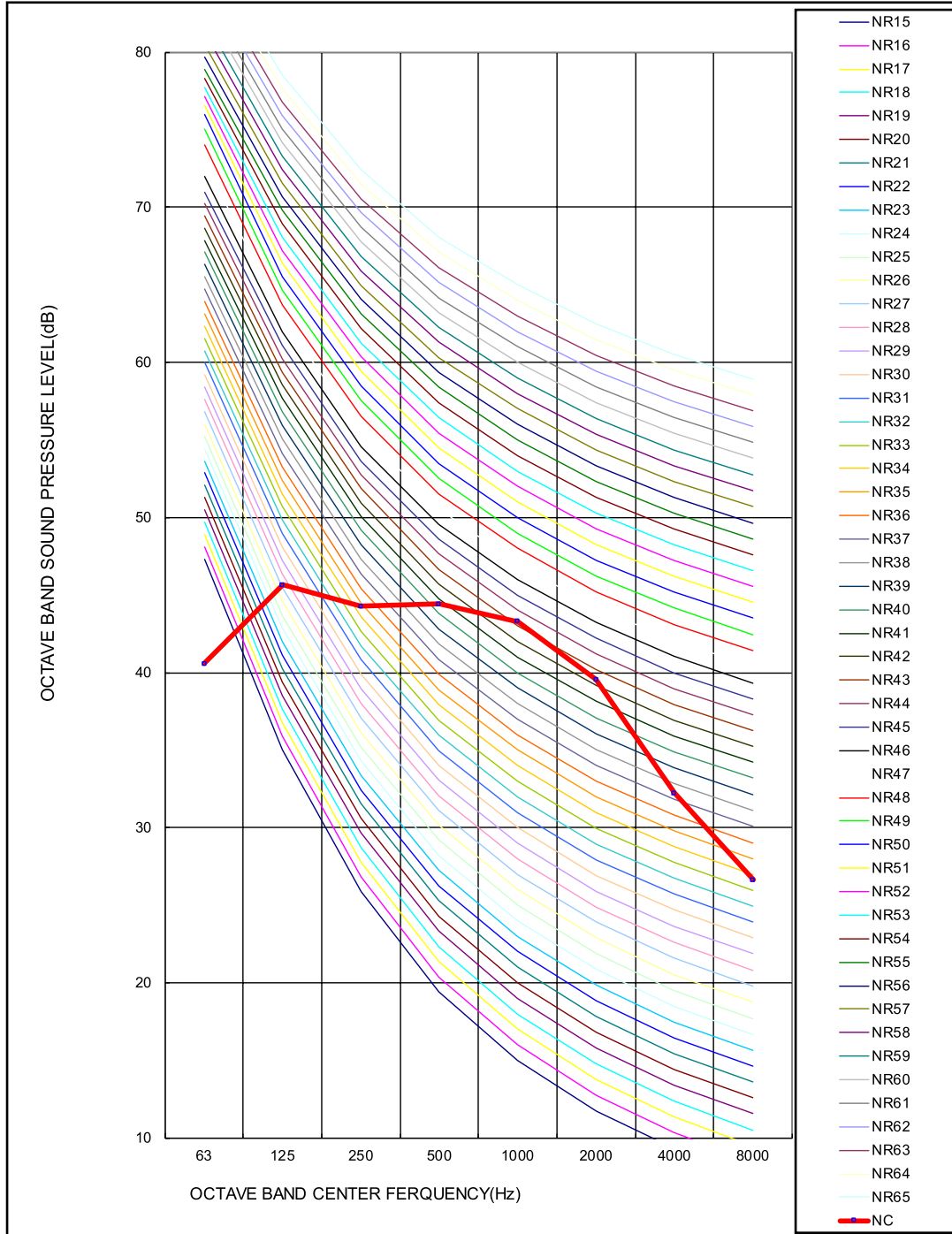
9.2.1 Indoor Unit

GUD35T/A-T
Cooling



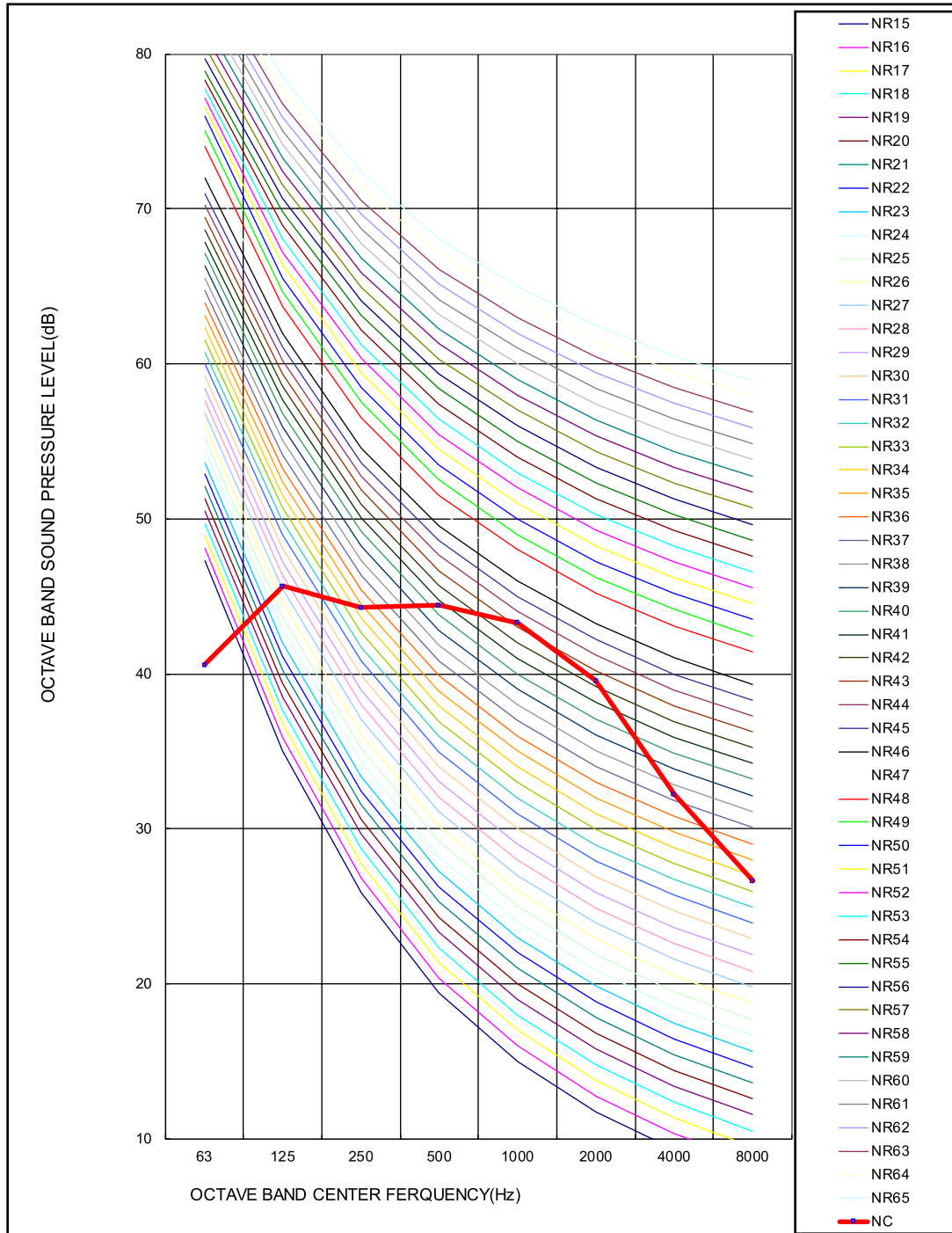
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



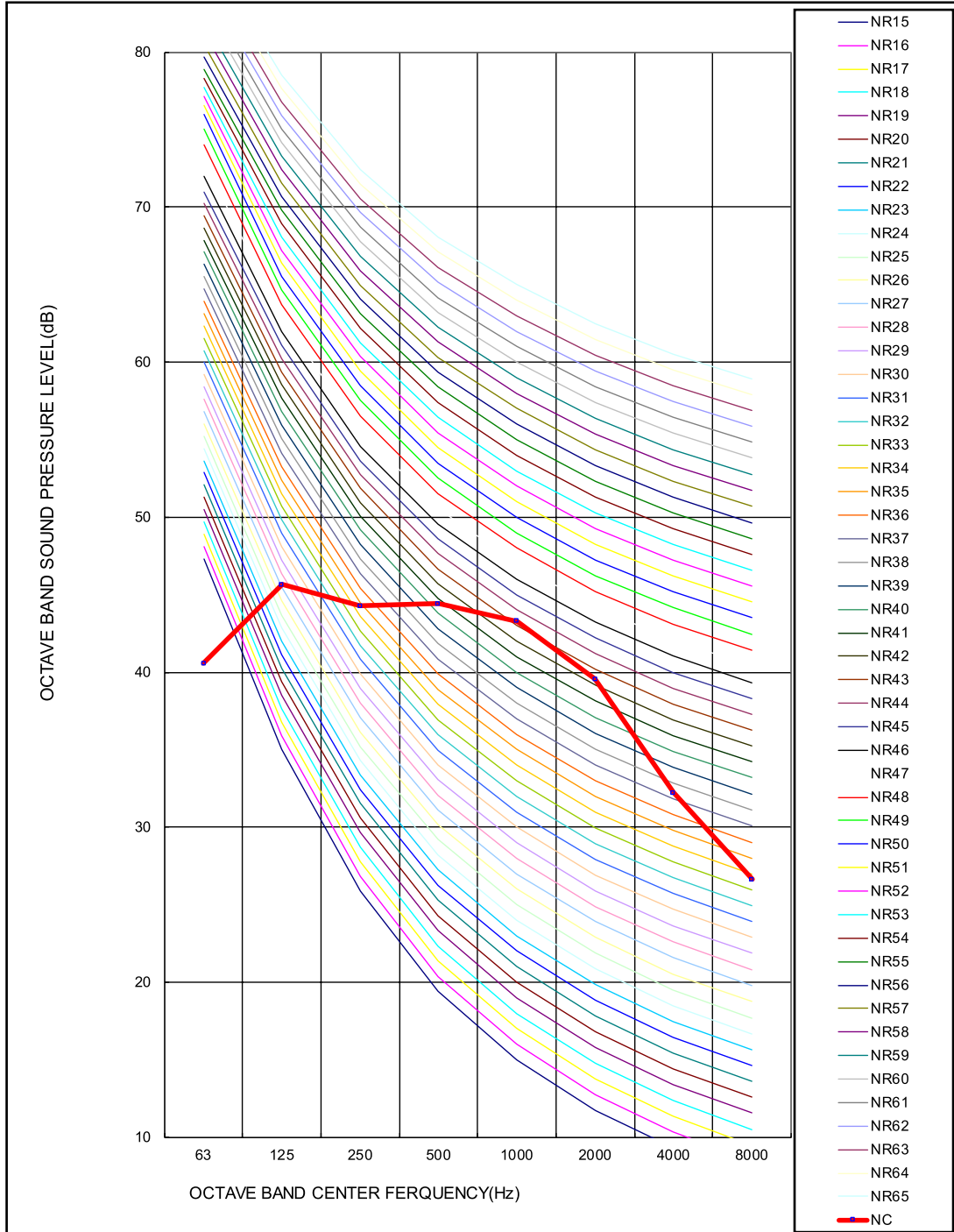
1. Data is valid at field condition.
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level.
4. Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD50T/A-T
Cooling



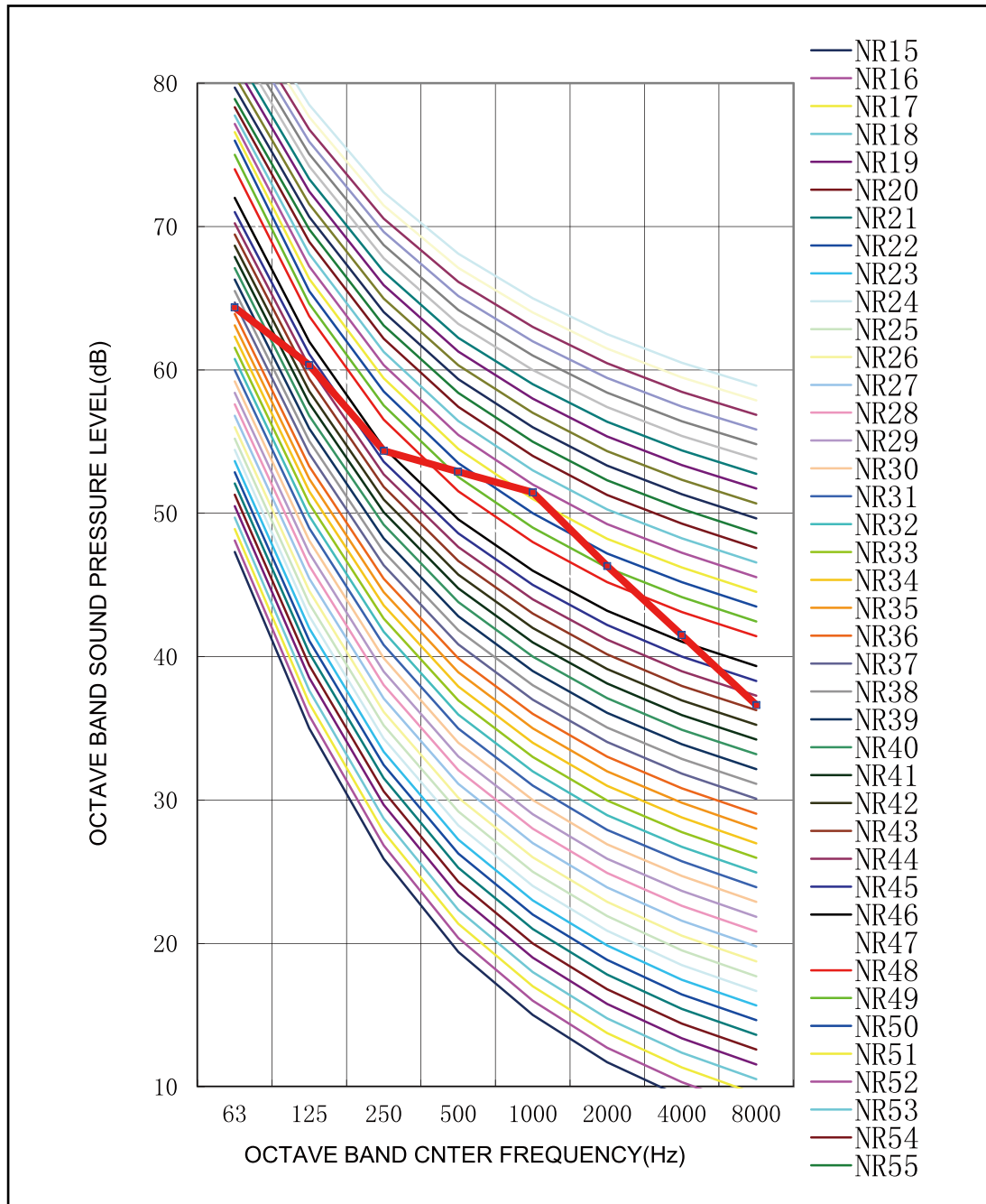
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



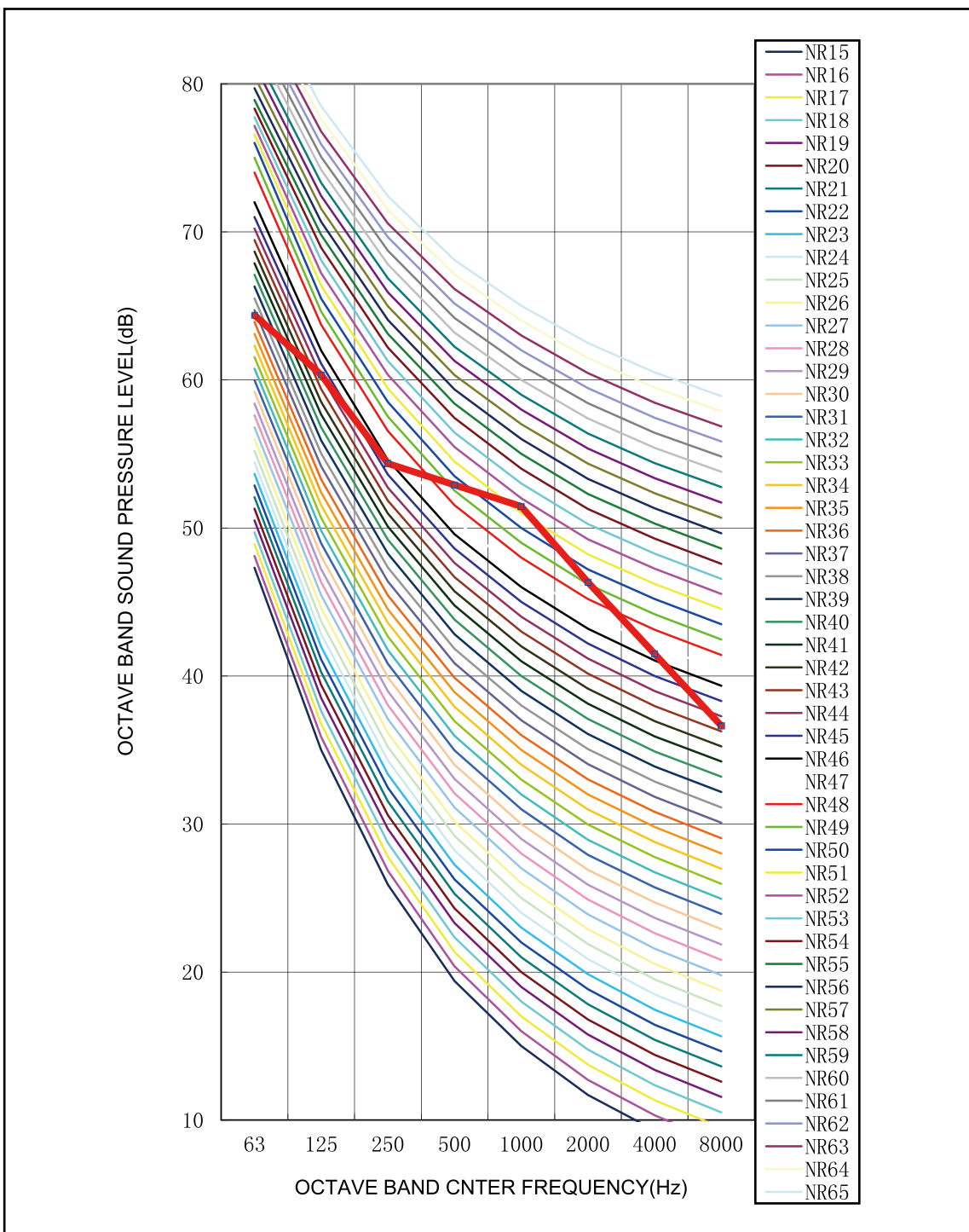
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD71T/A-T
Cooling



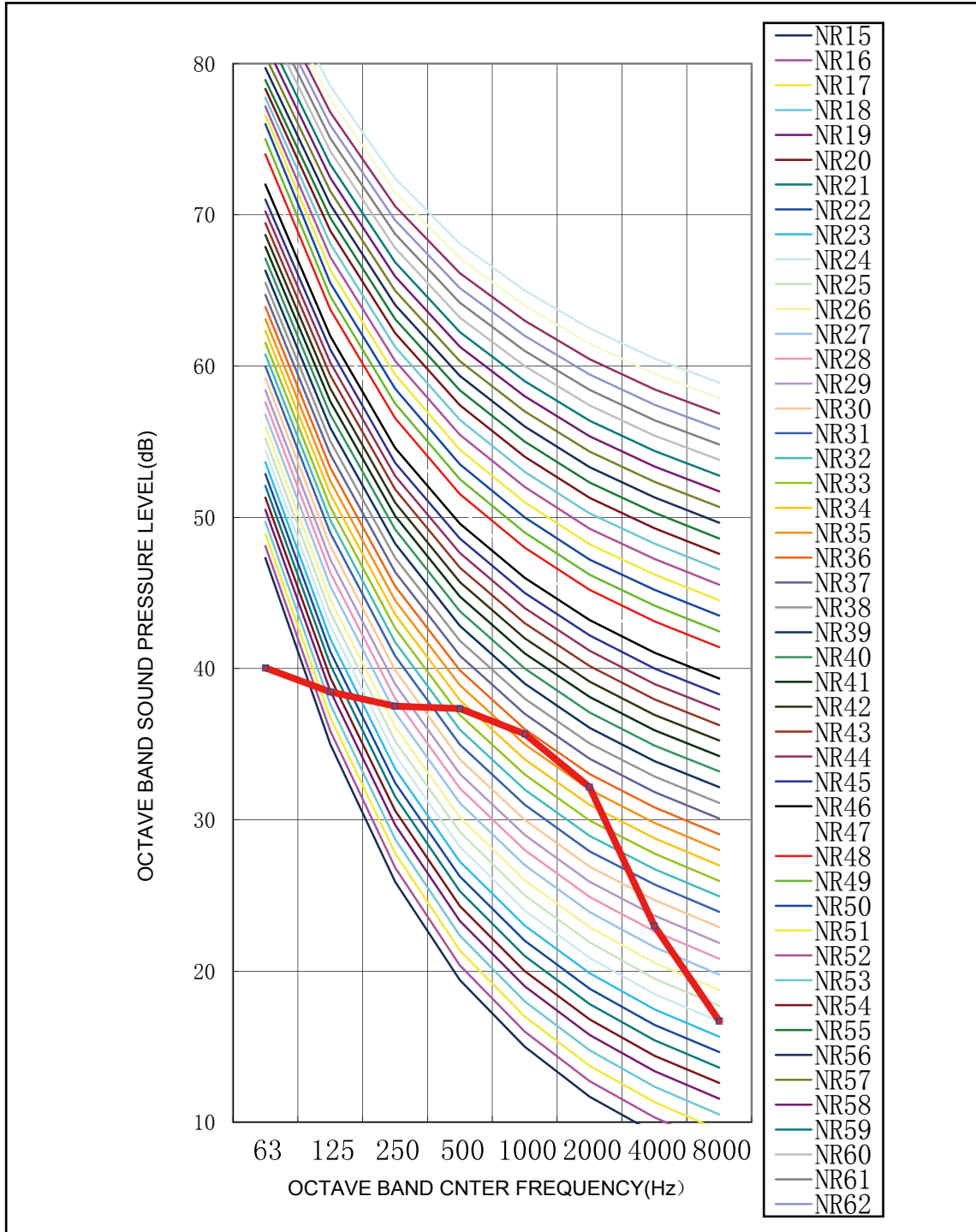
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



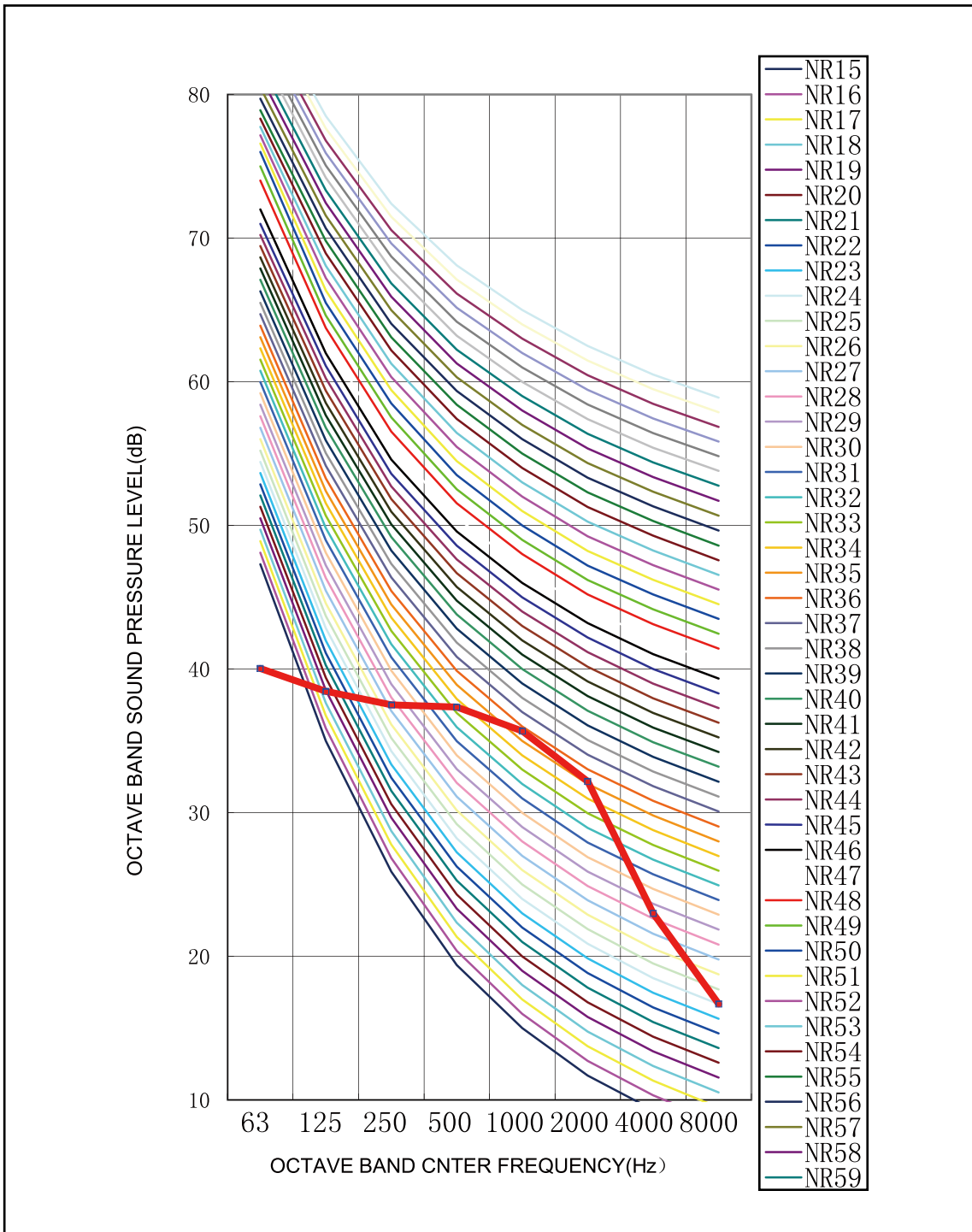
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD85T/A-T
Cooling



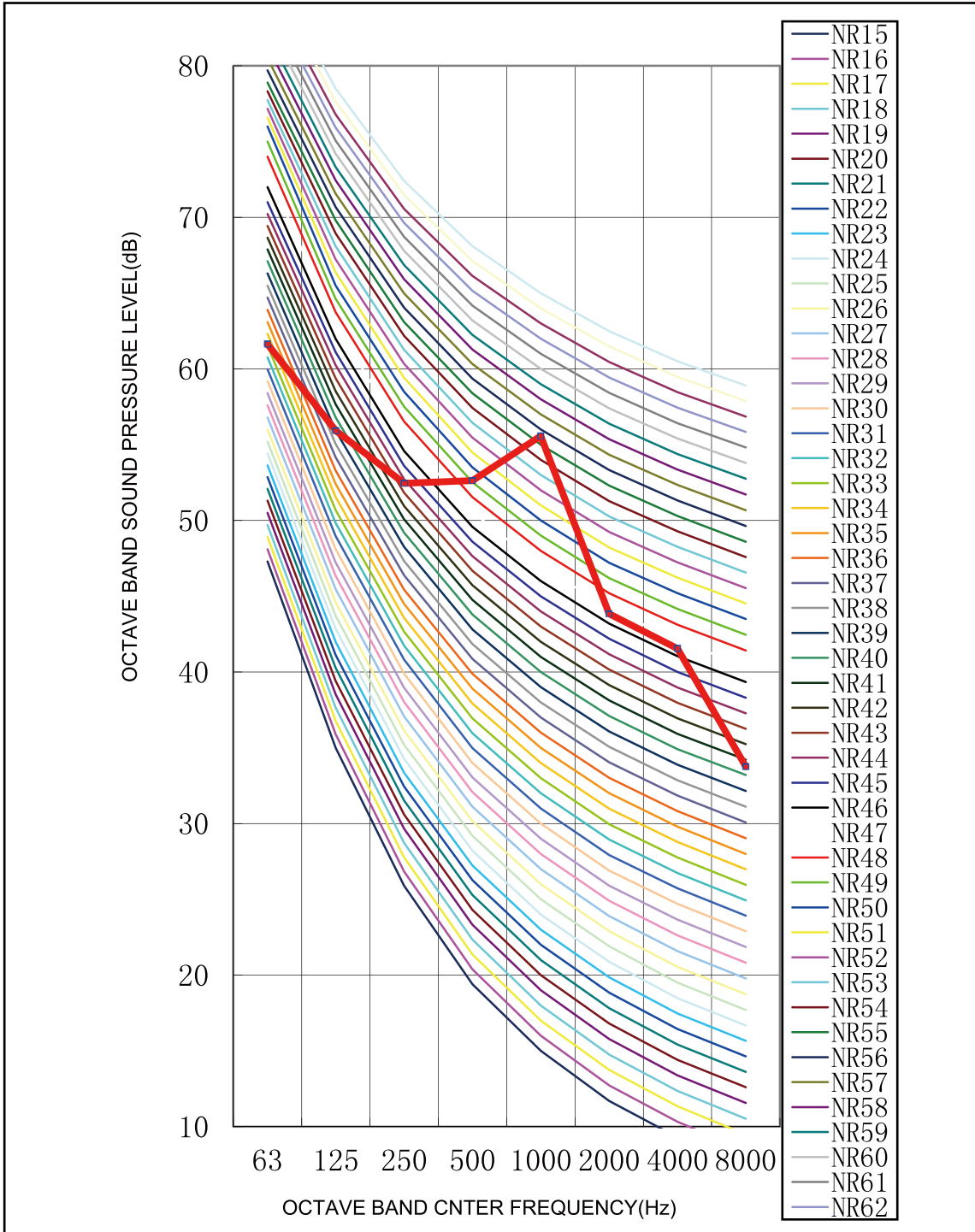
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



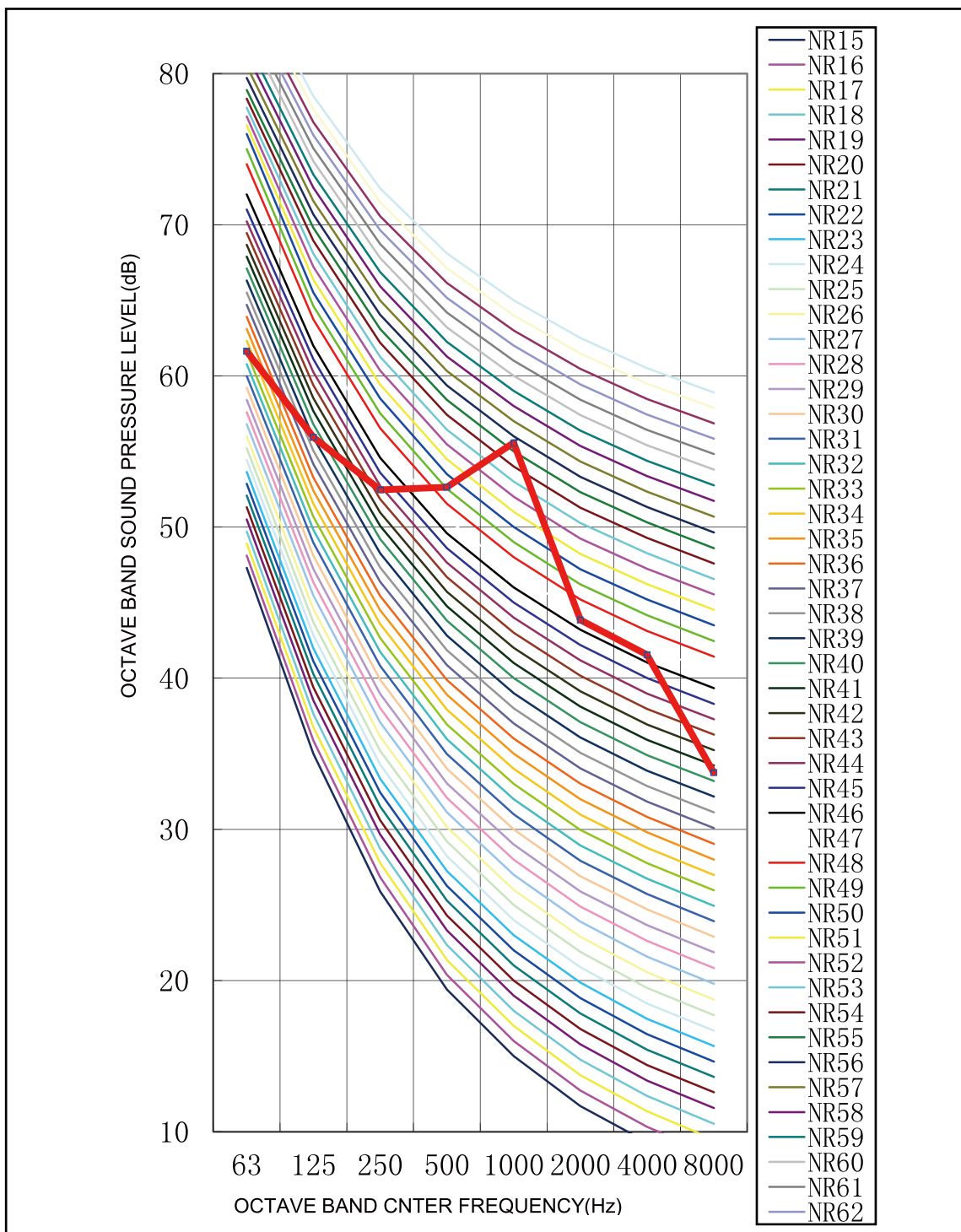
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD100T/A-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



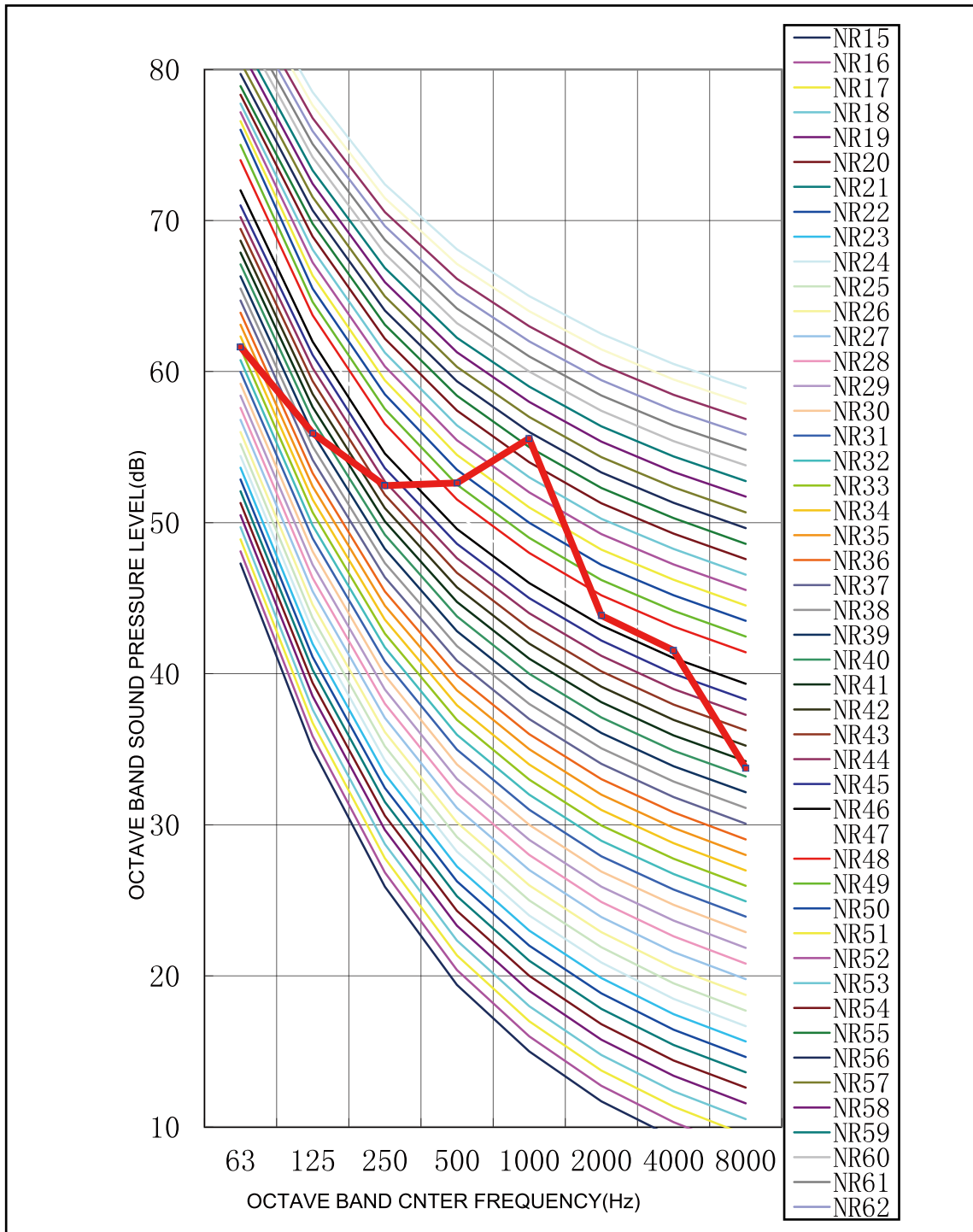
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

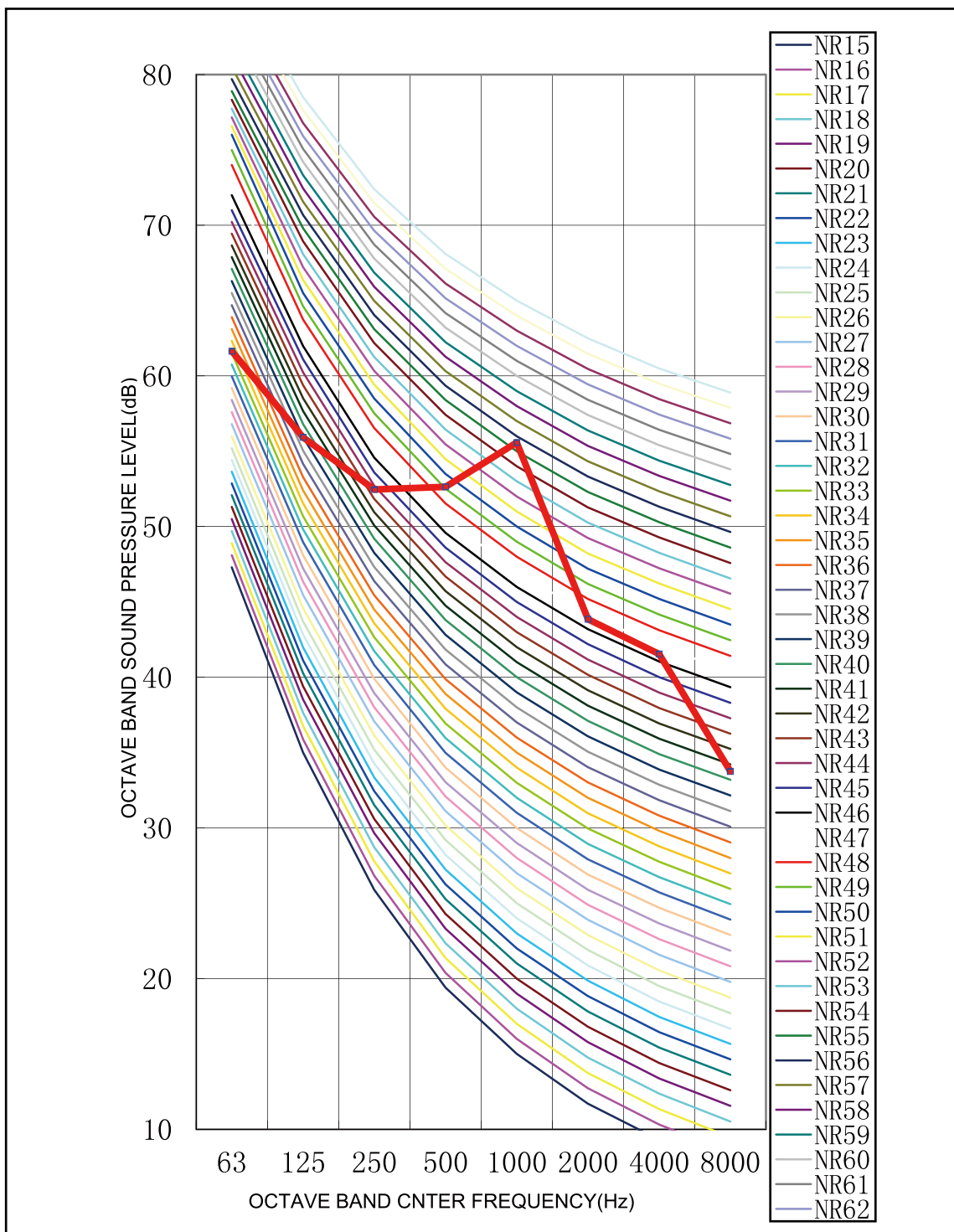
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD125T/A-T
Cooling



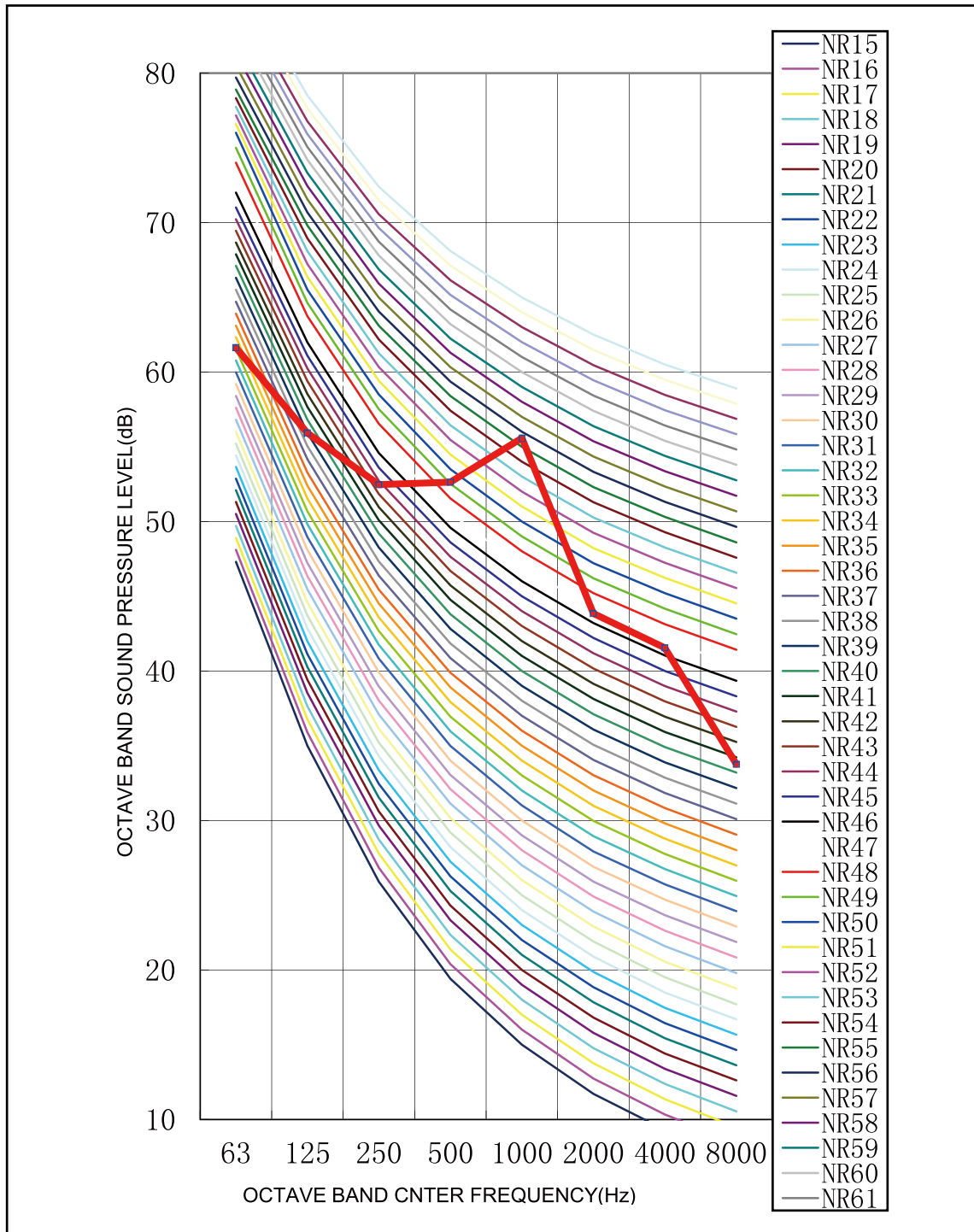
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



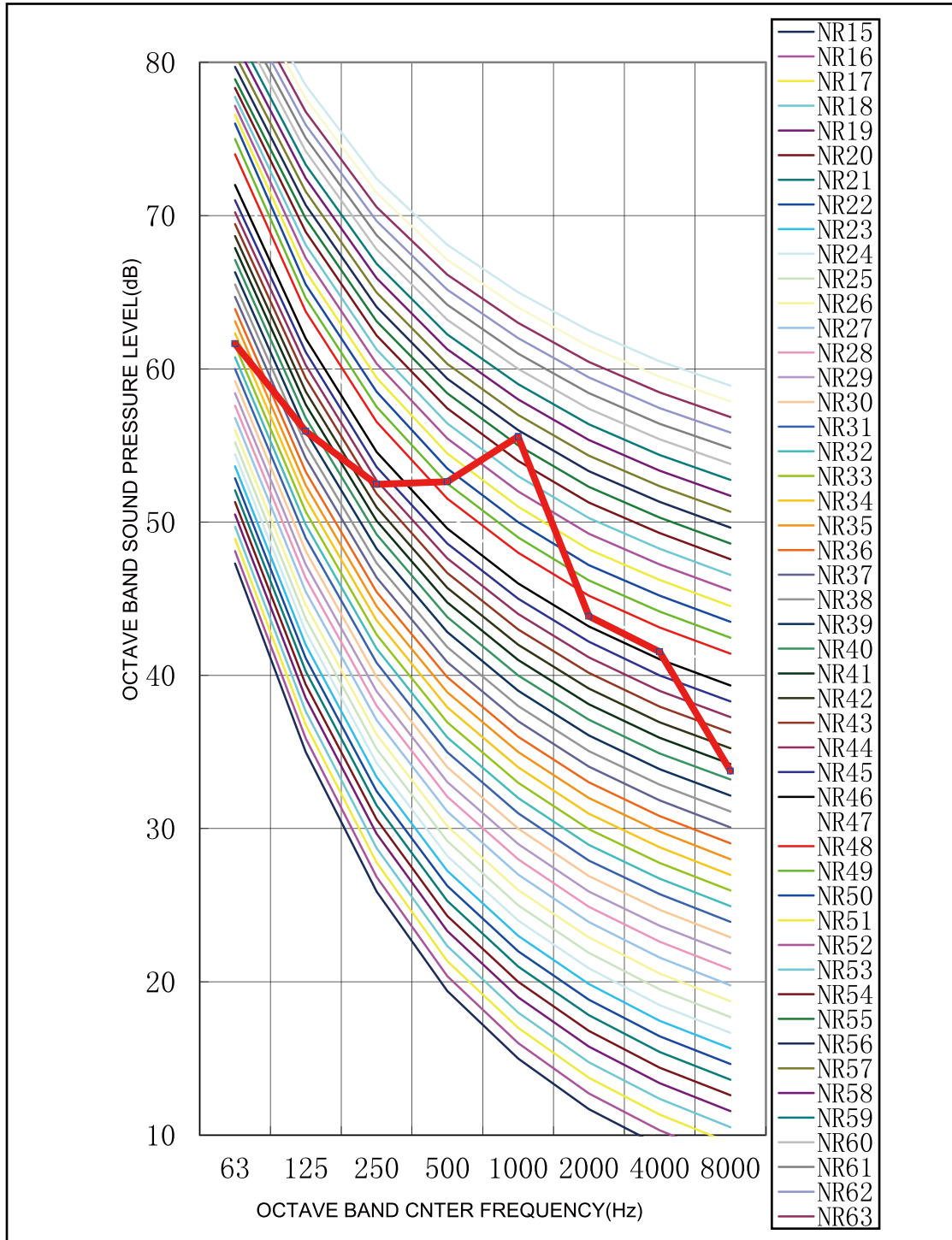
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD140T/A-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



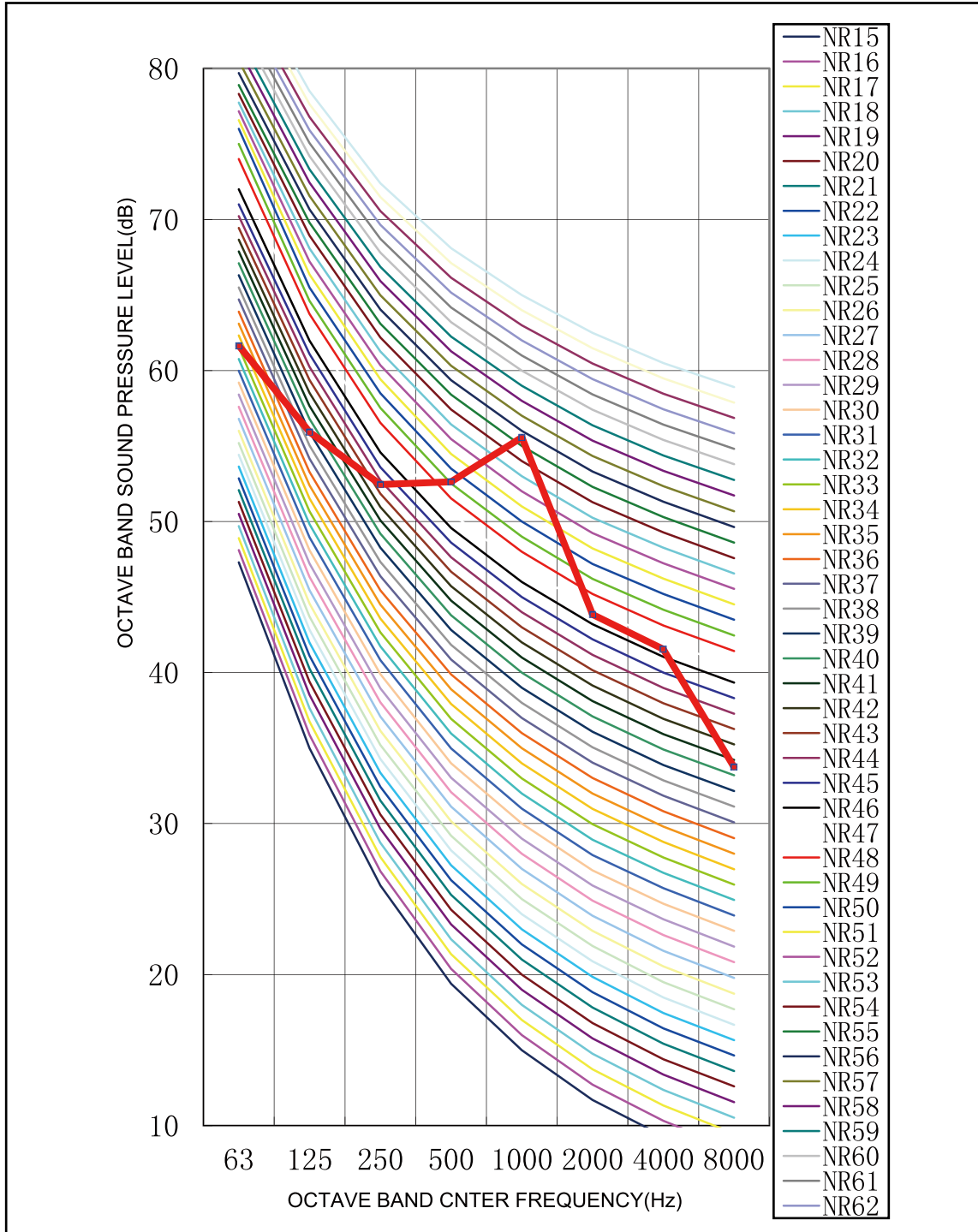
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

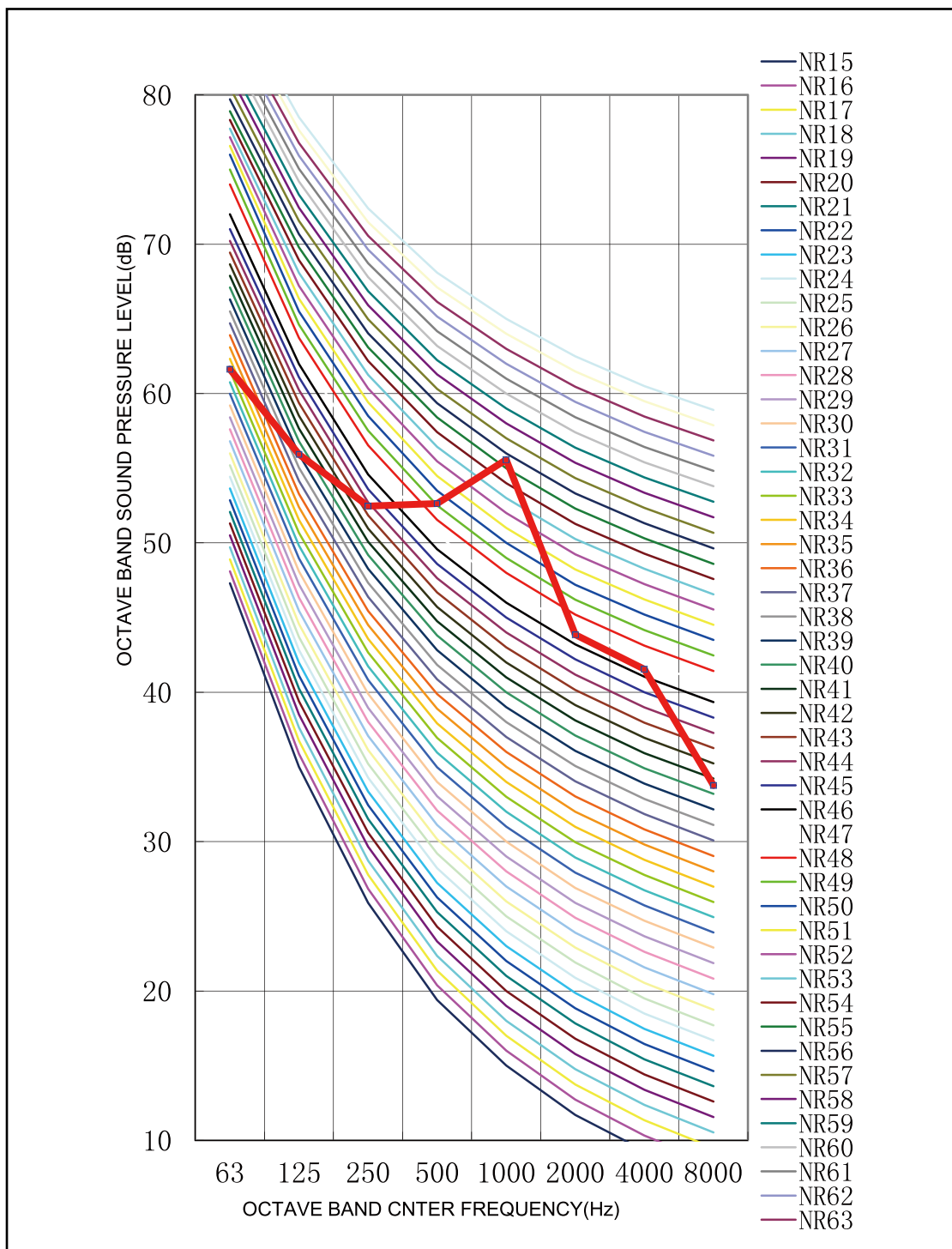
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD160T/A-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



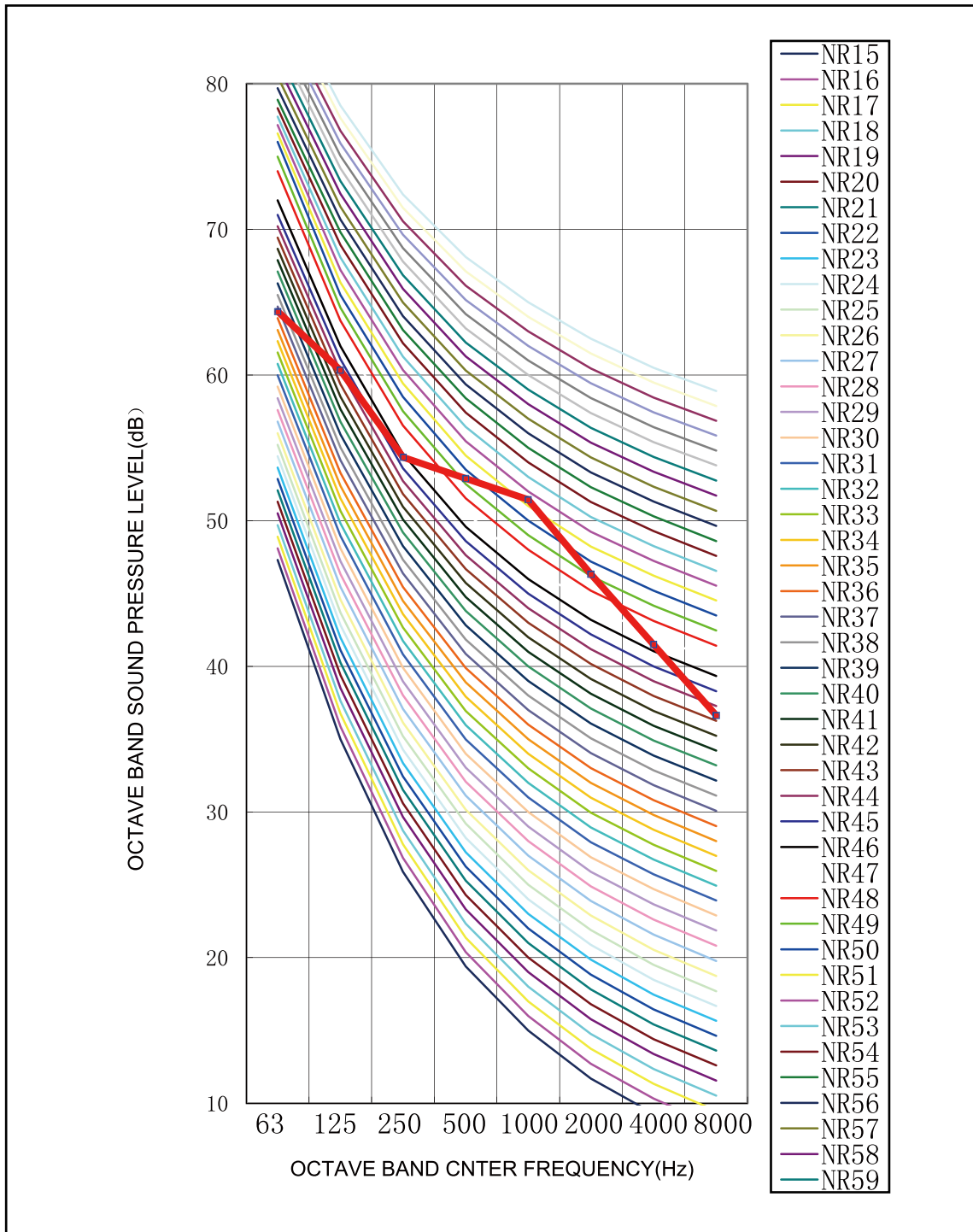
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

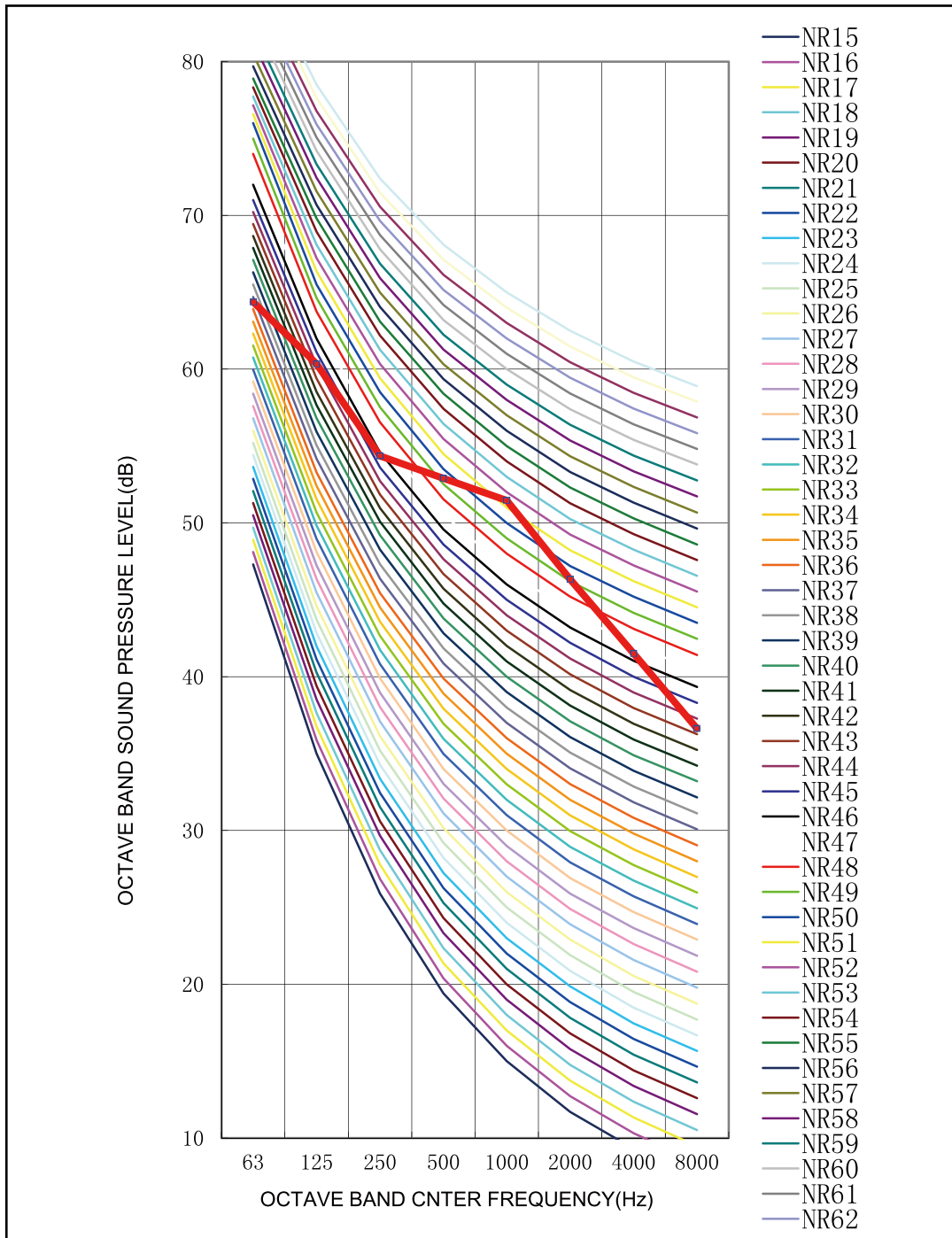
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD35P/A-T, GUD35PS/A-T
Cooling



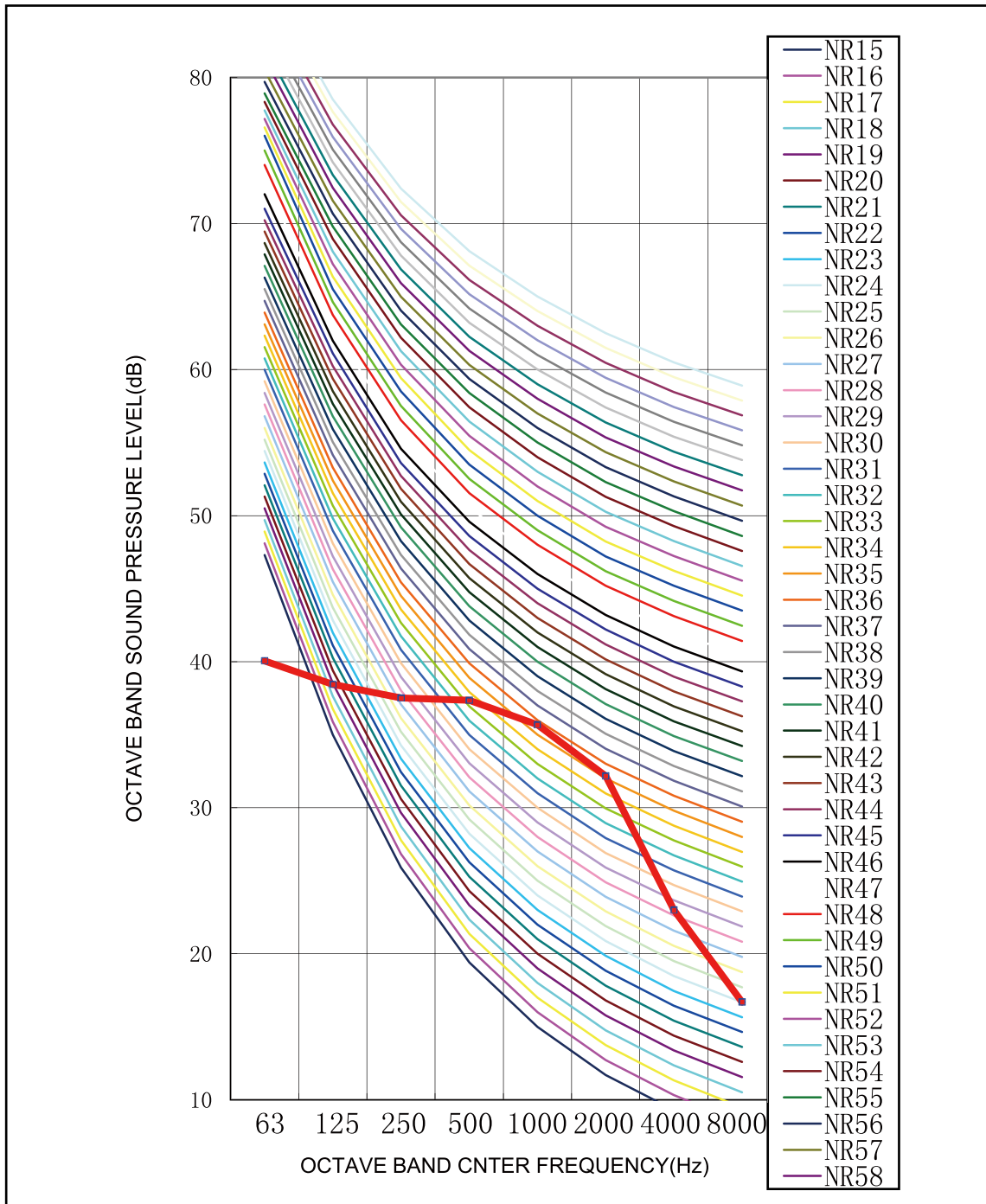
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



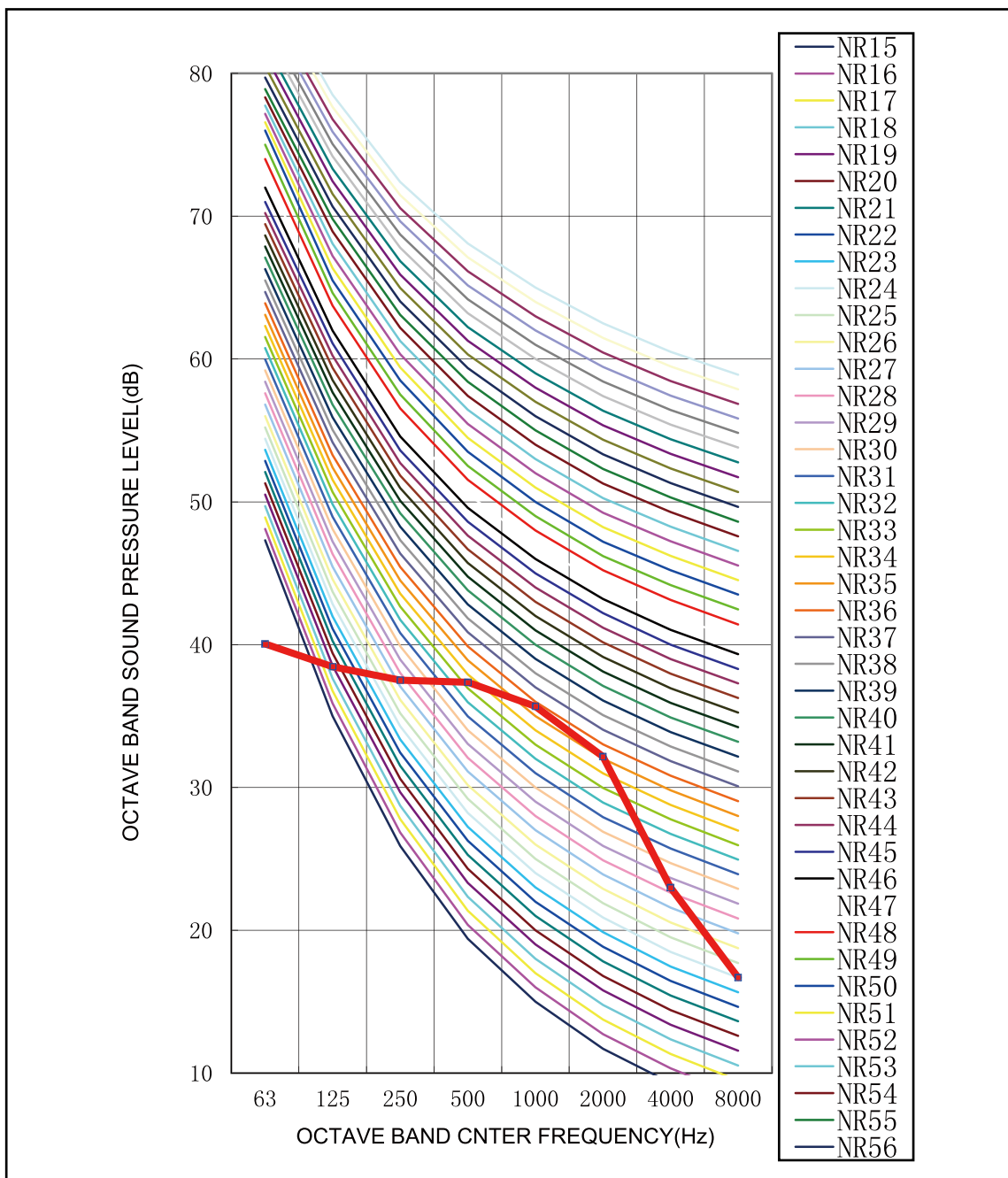
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD50P/A-T, GUD50PS/A-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



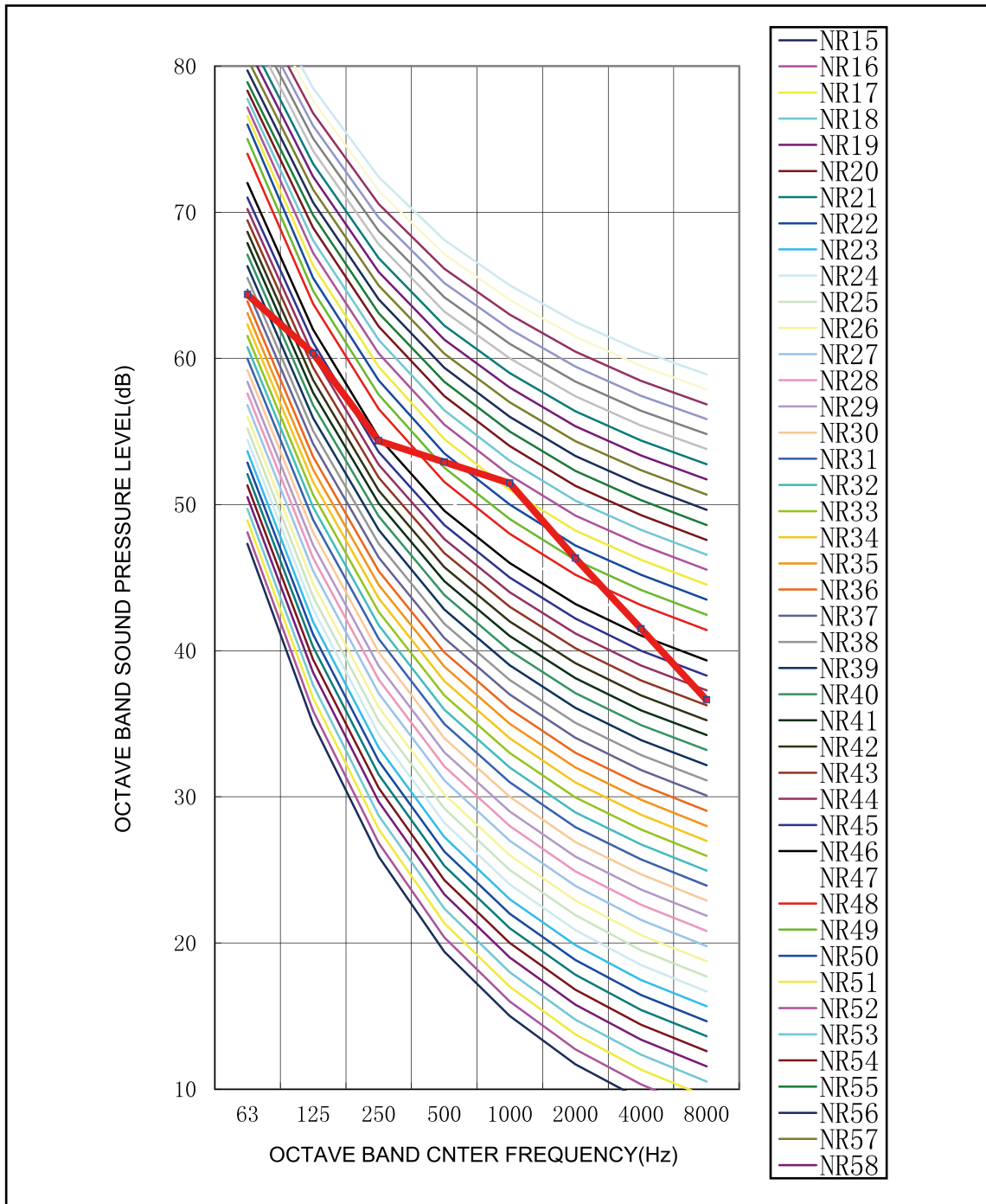
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

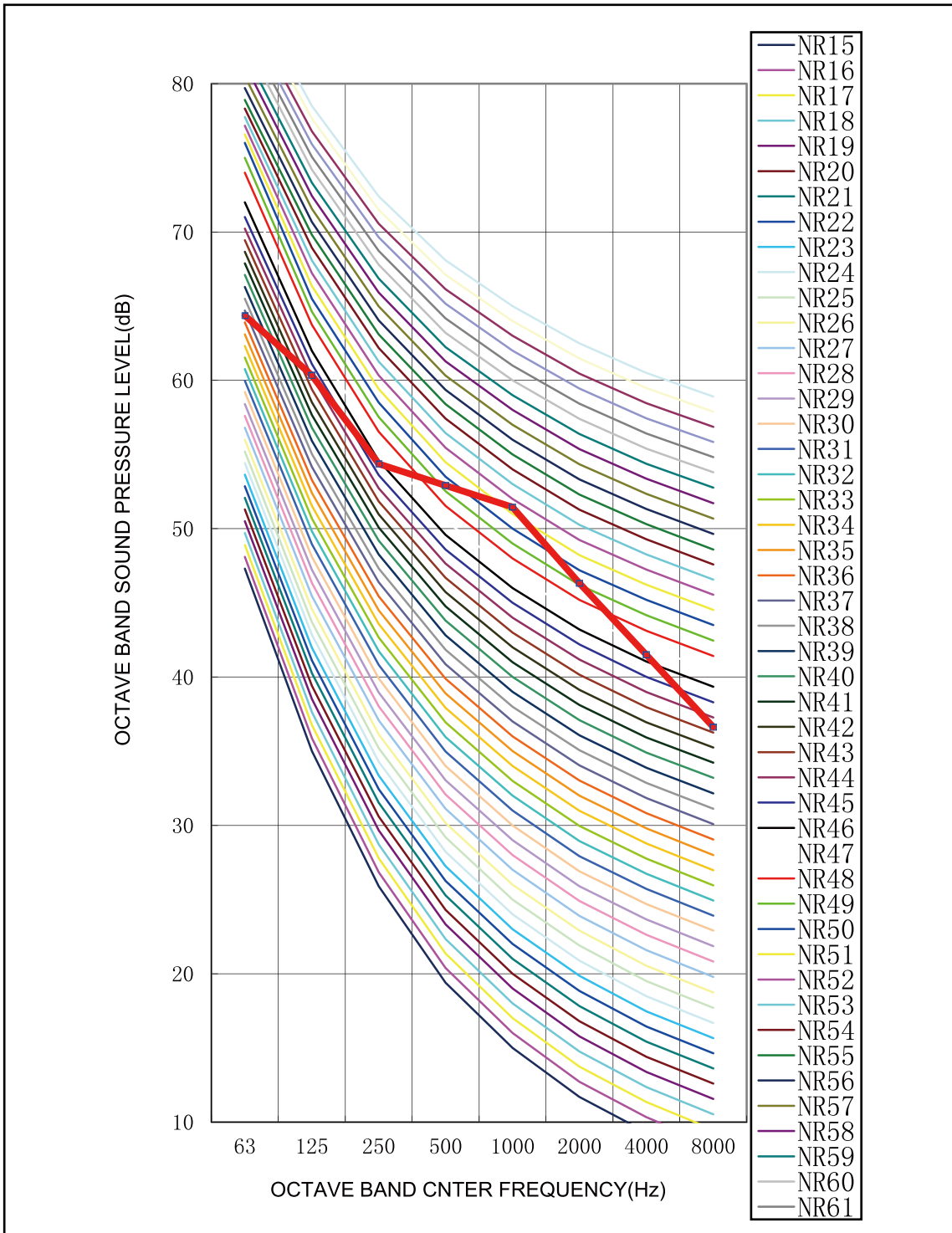
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD71P/A-T, GUD71PS/A-T
Cooling



Heating

U-Match 5 SERIES AIR CONDITIONERS TSG



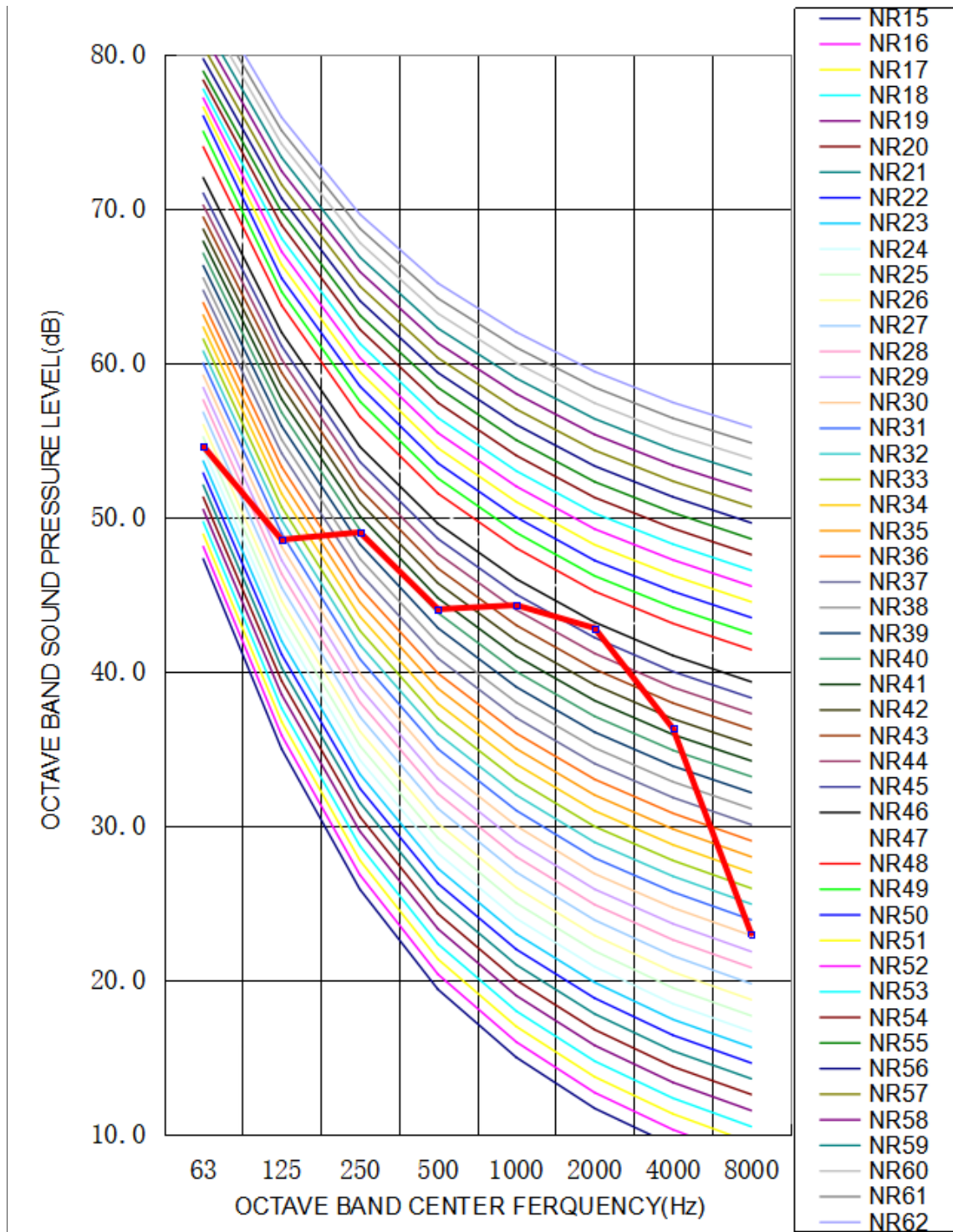
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

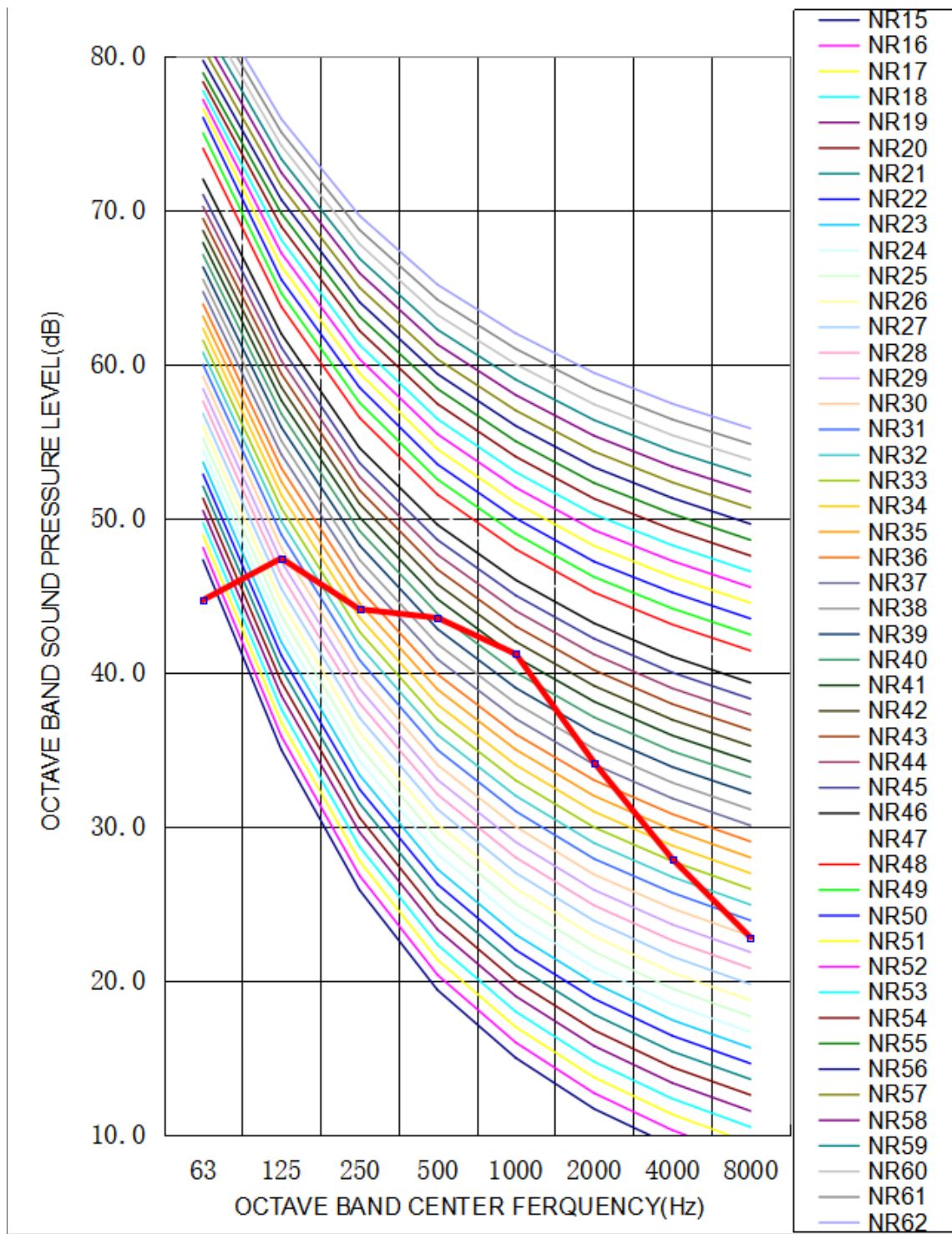
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD71PH/A-T, GUD71PHS/A-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



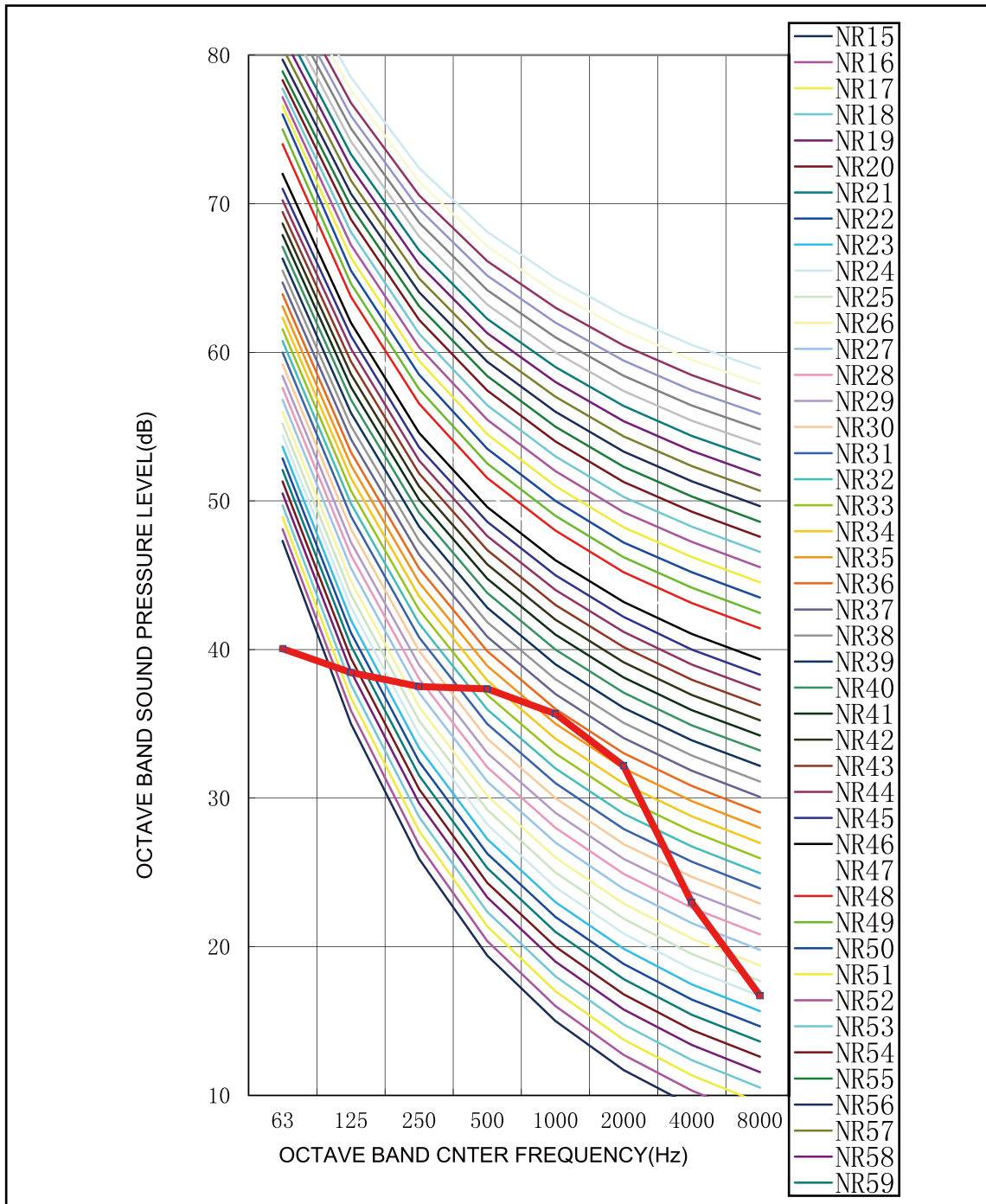
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

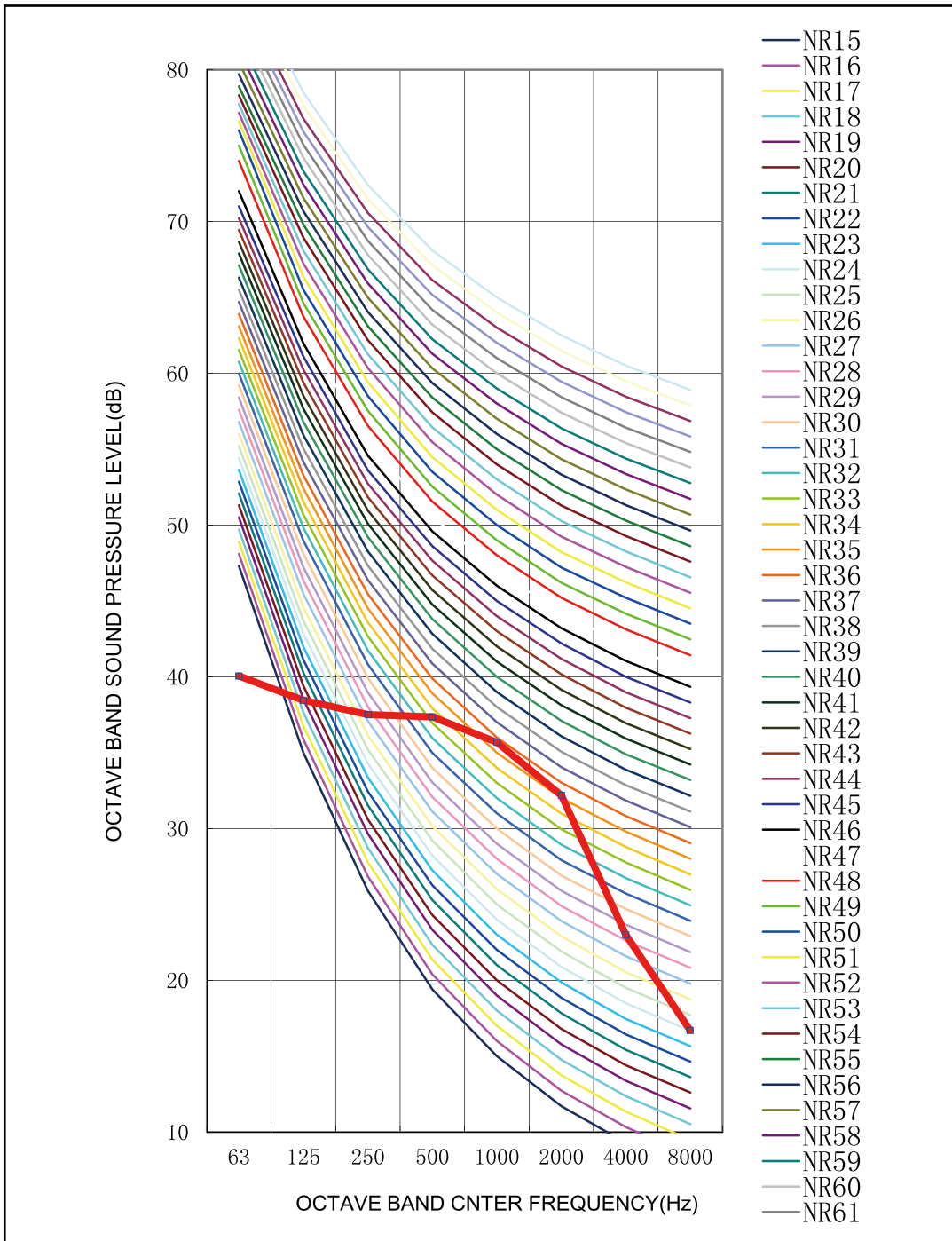
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD85P/A-T, GUD85PS/A-T
Cooling



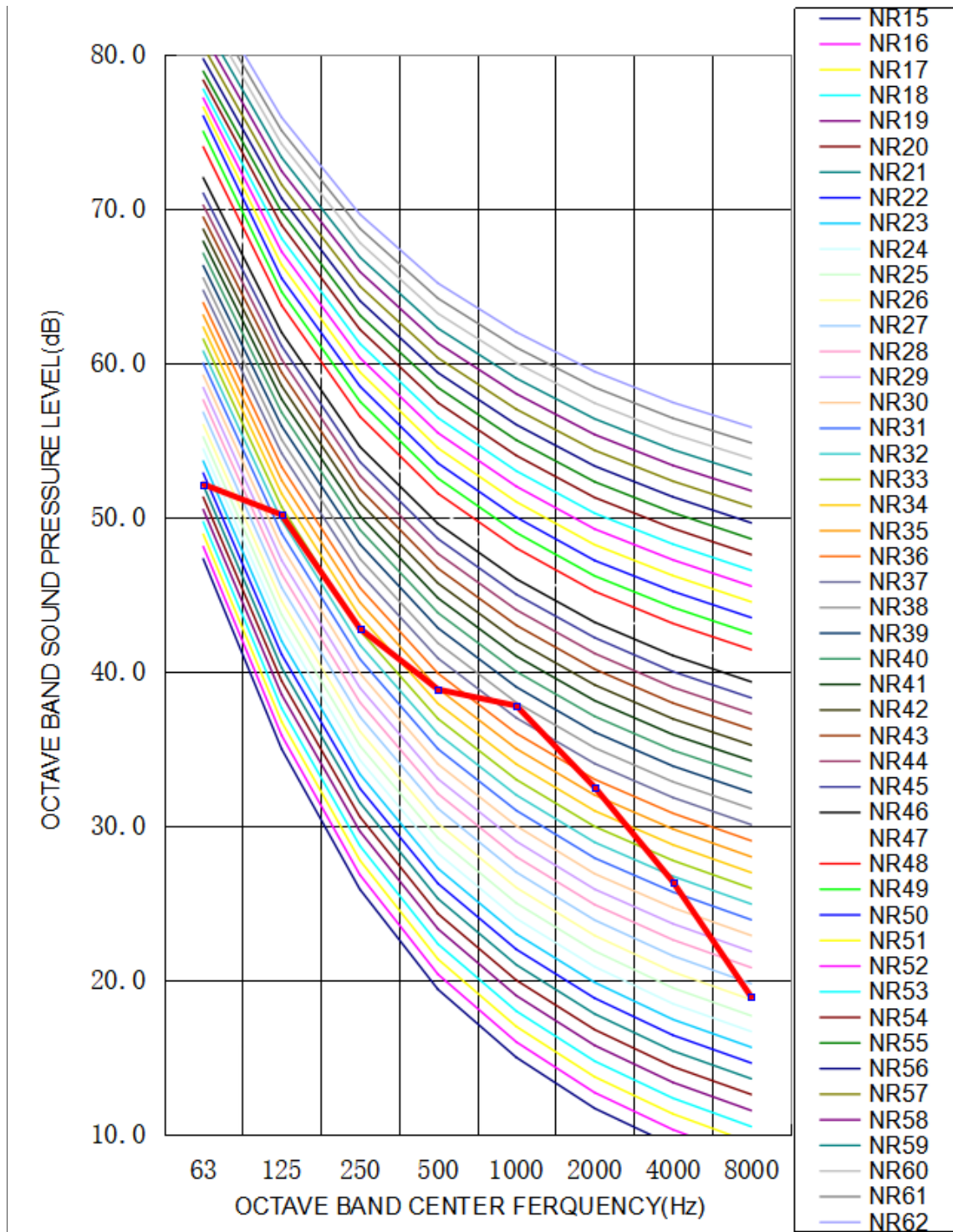
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



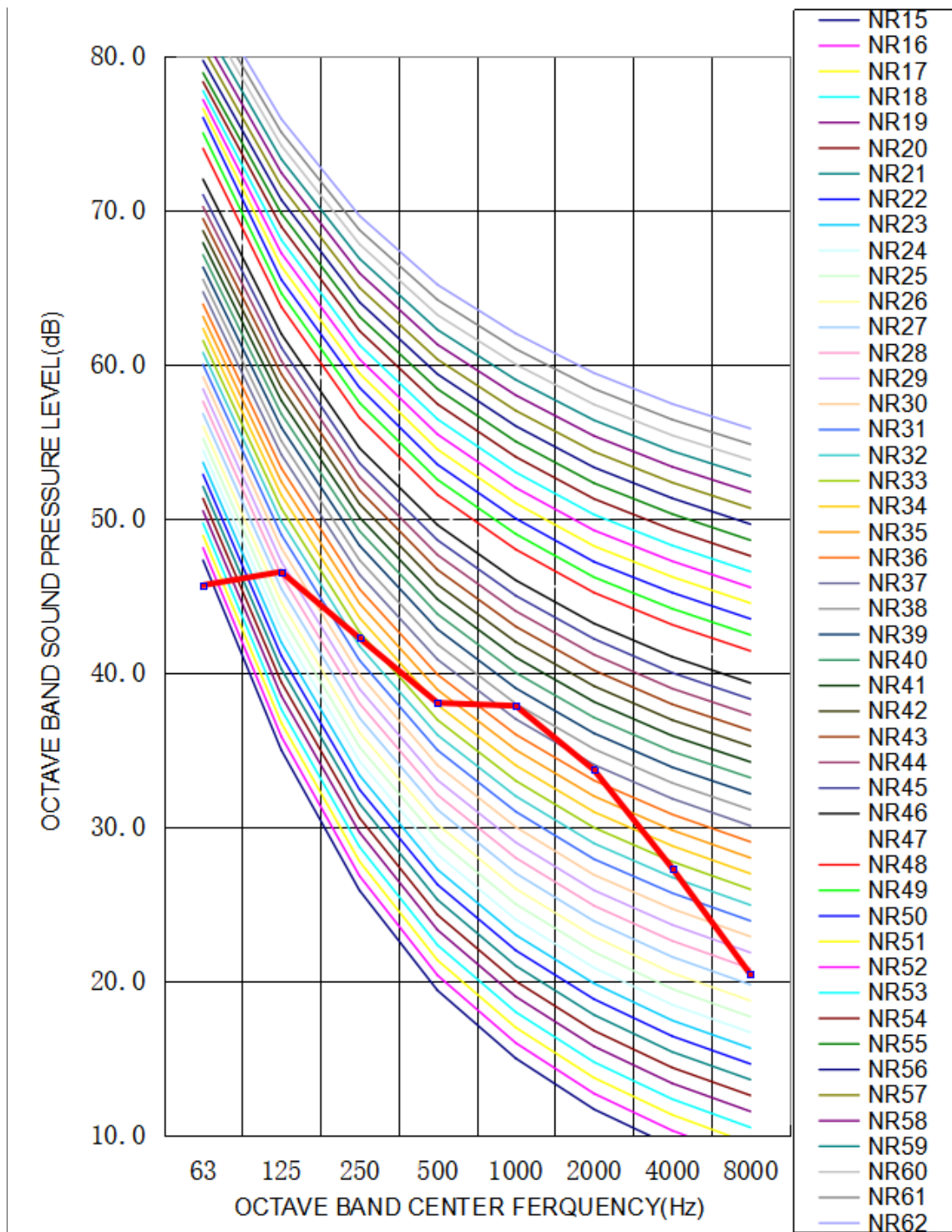
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD85PH/A-T, GUD85PHS/A-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



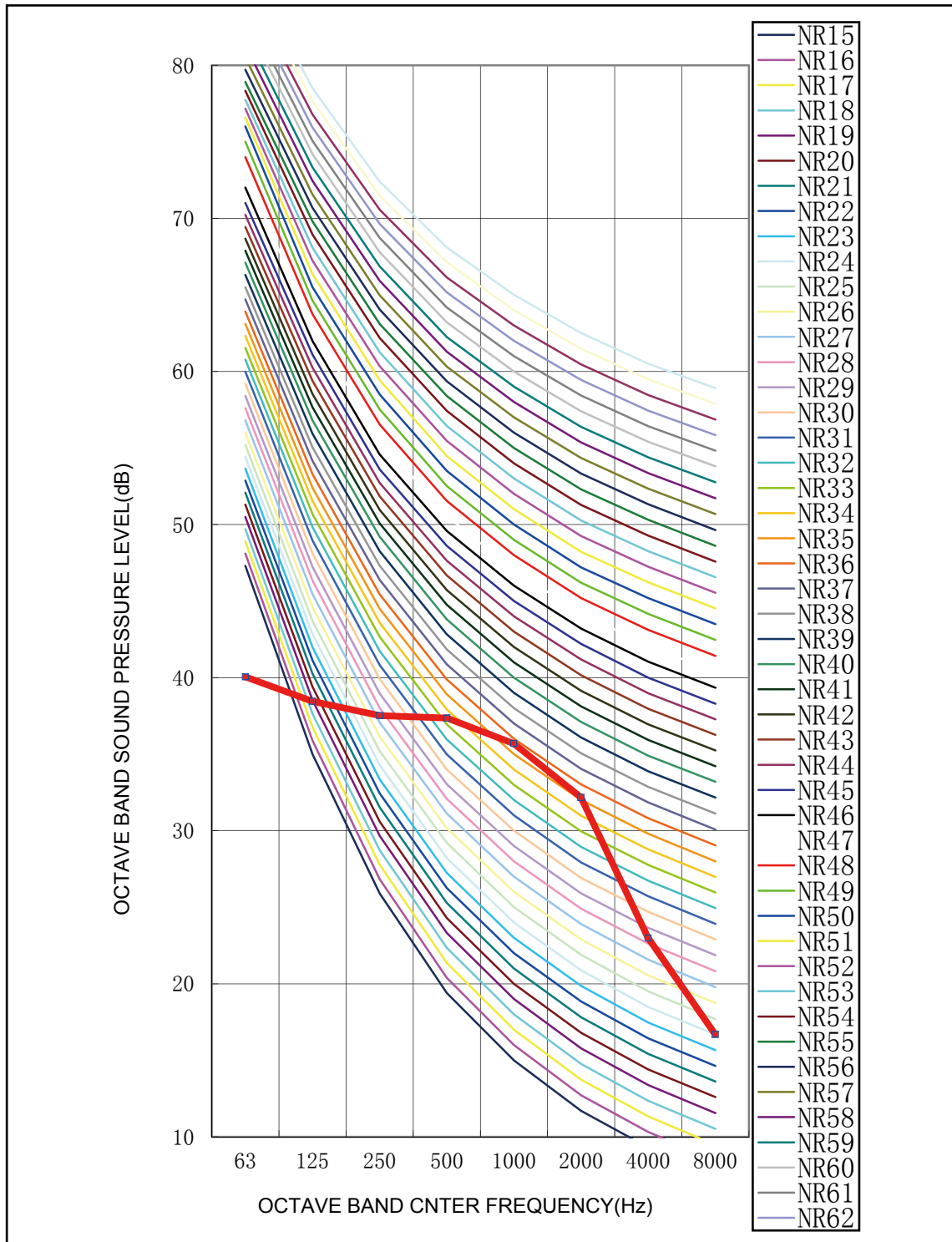
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

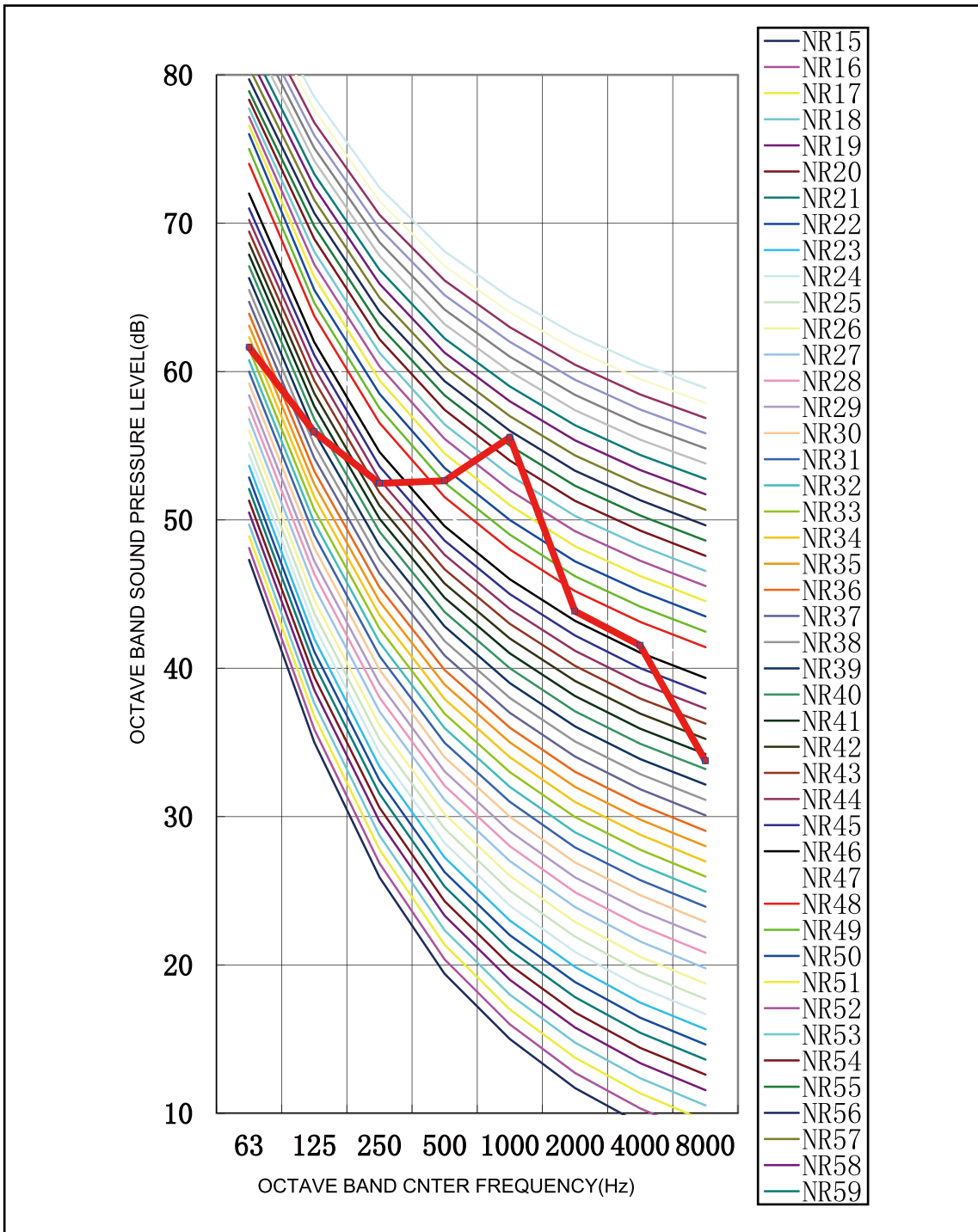
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD100PH/A-T, GUD100PHS/A-T
Cooling



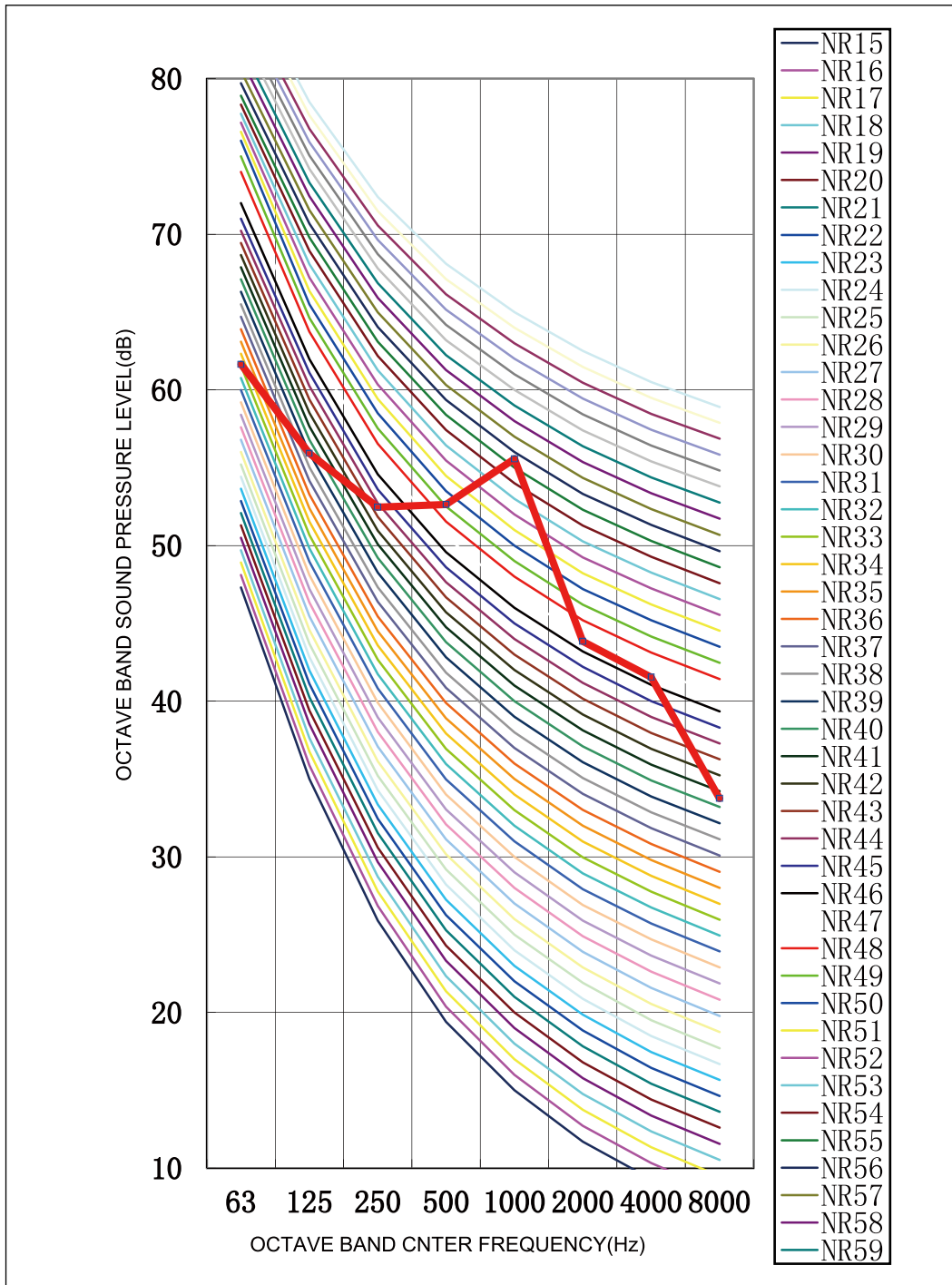
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



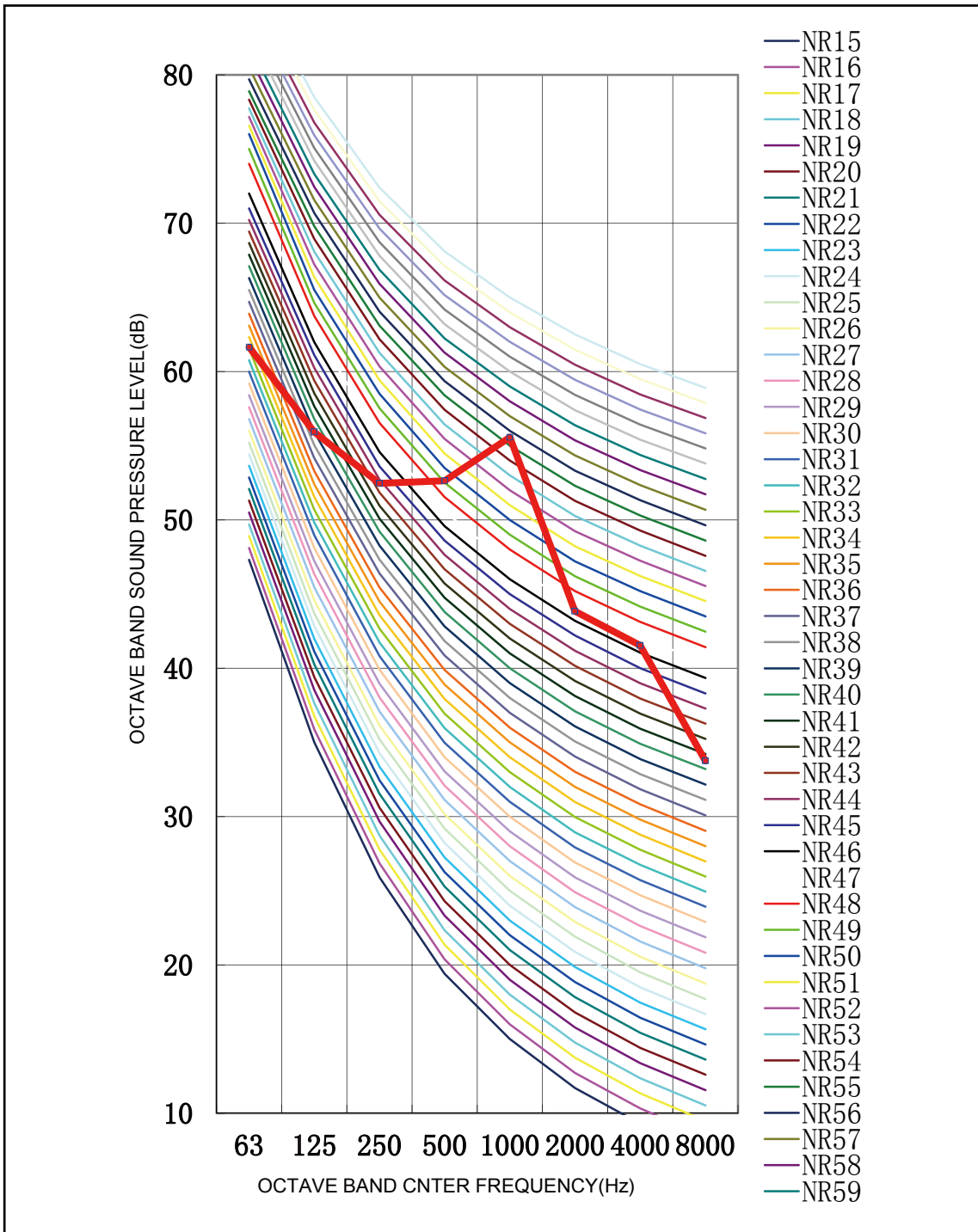
1. Data is valid at field condition.
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level.
4. Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD125PH/A-T, GUD125PHS/A-T
Cooling



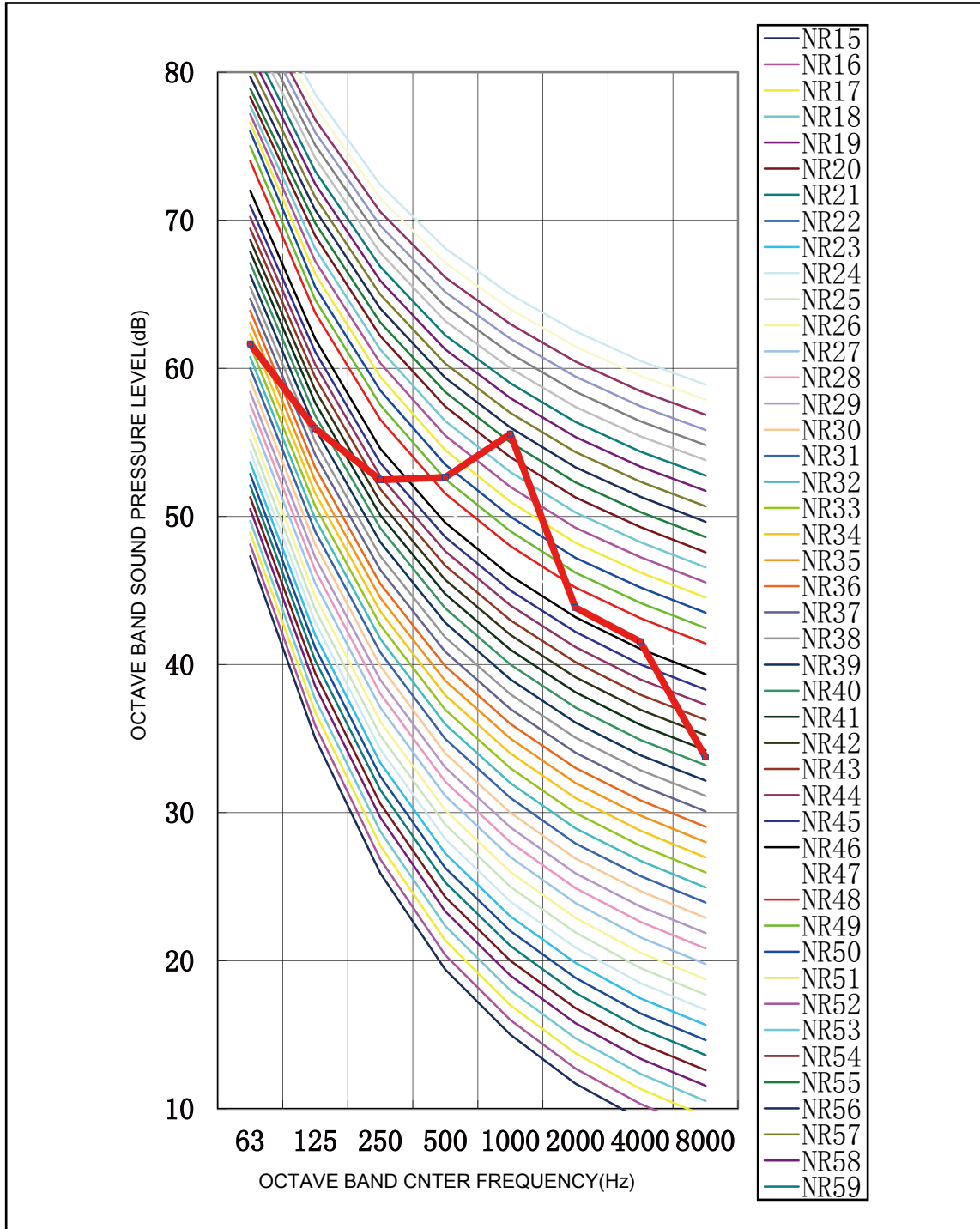
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



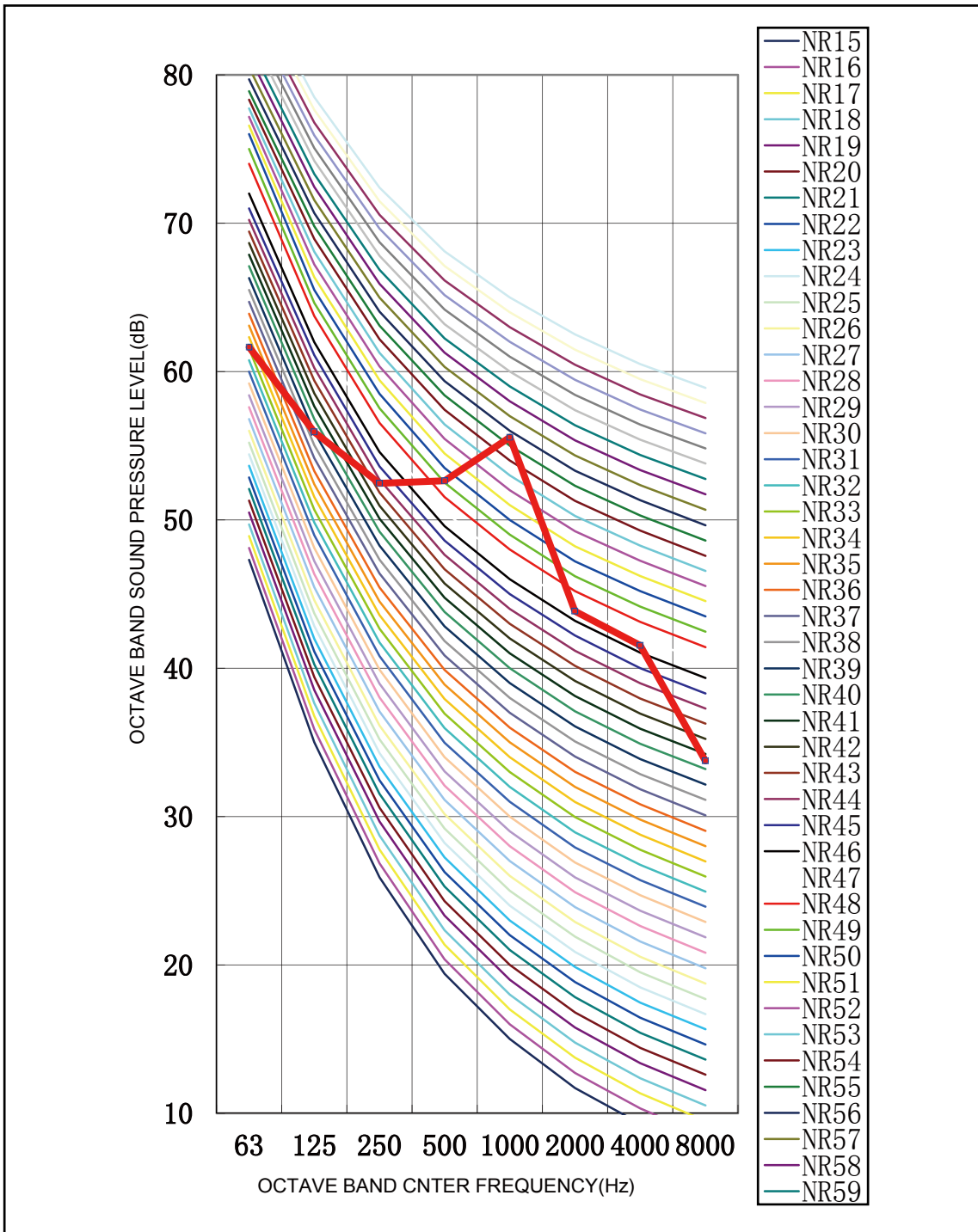
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD140PH/A-T, GUD140PHS/A-T
Cooling



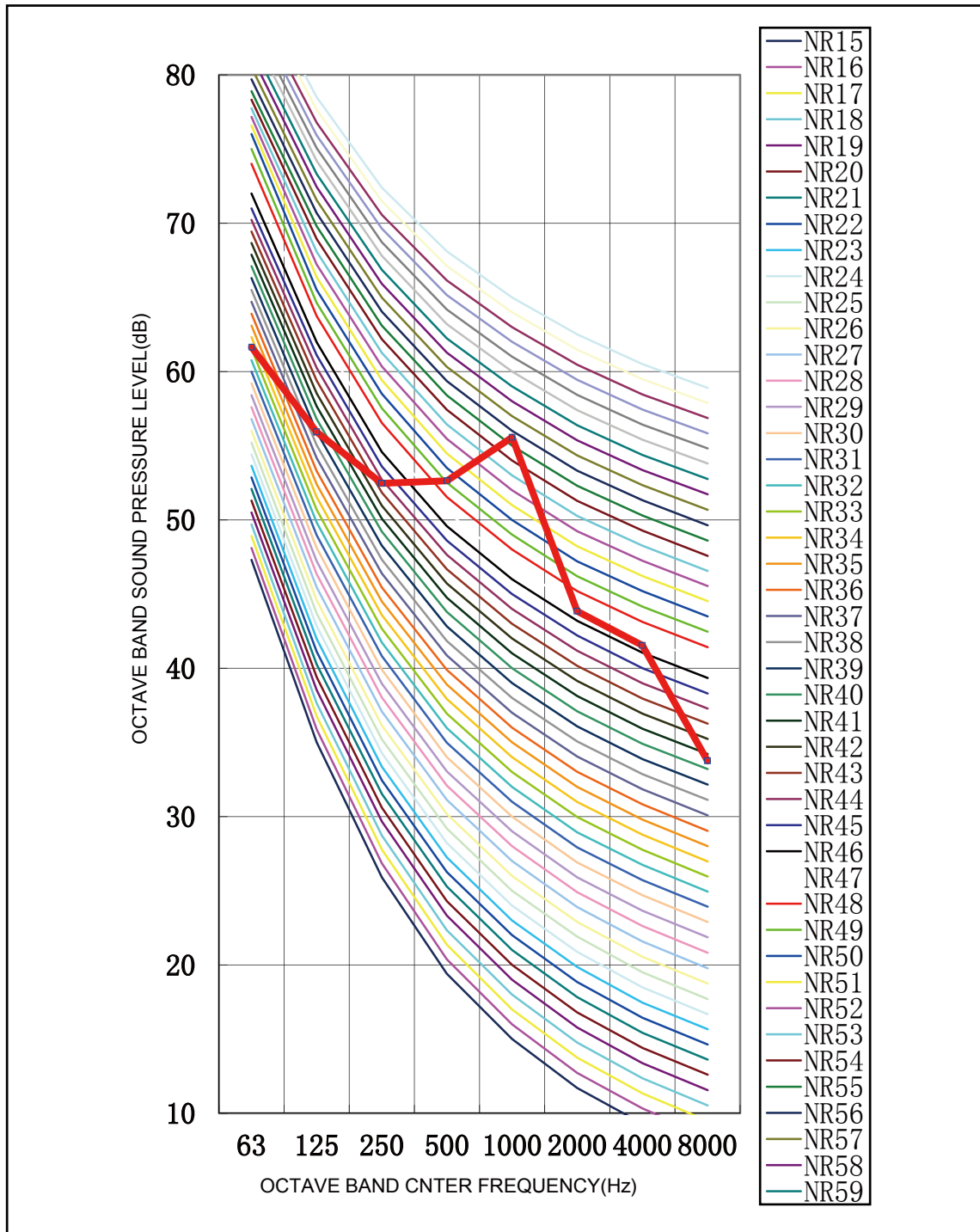
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



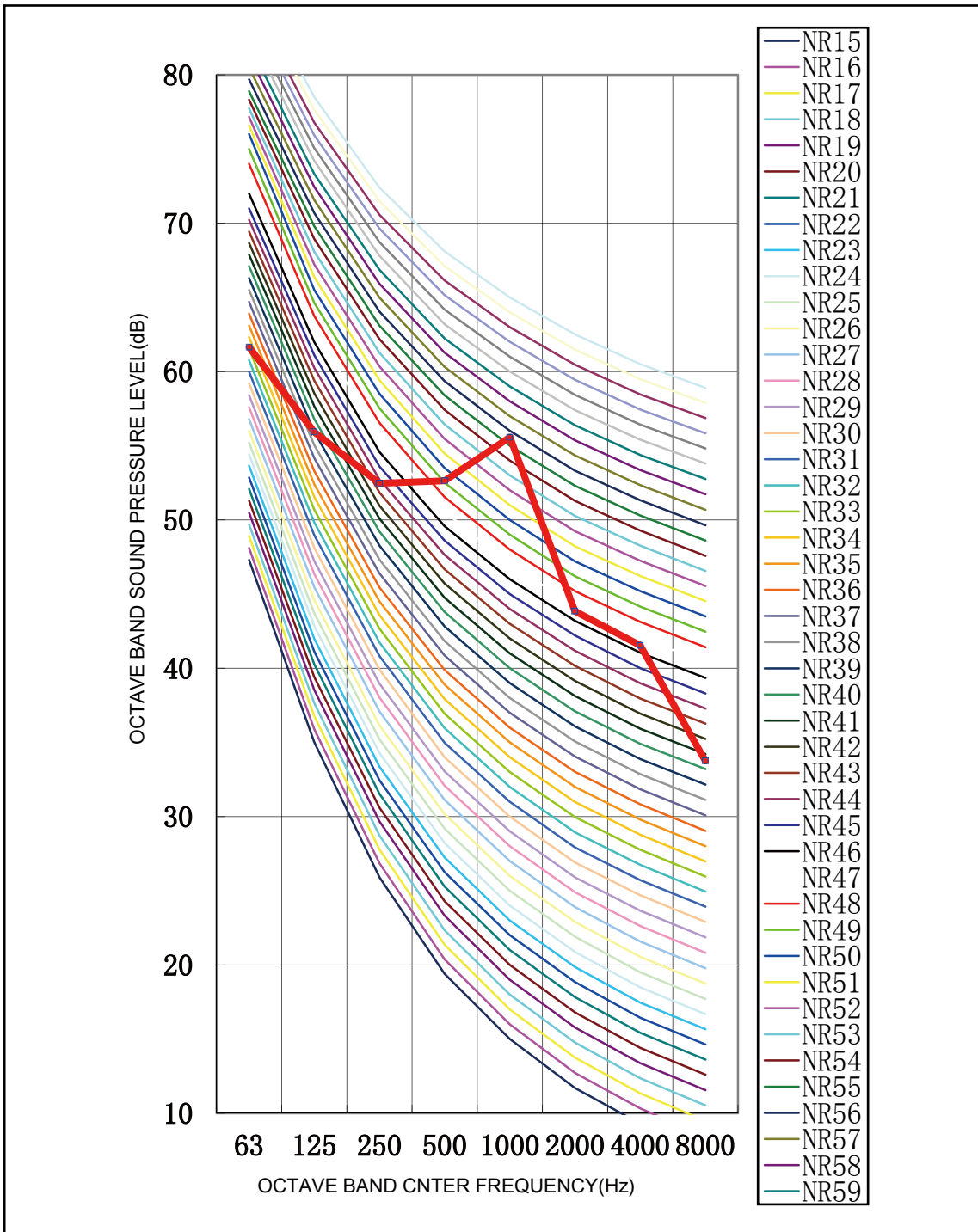
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD160PH/A-T, GUD160PHS/A-T
Cooling



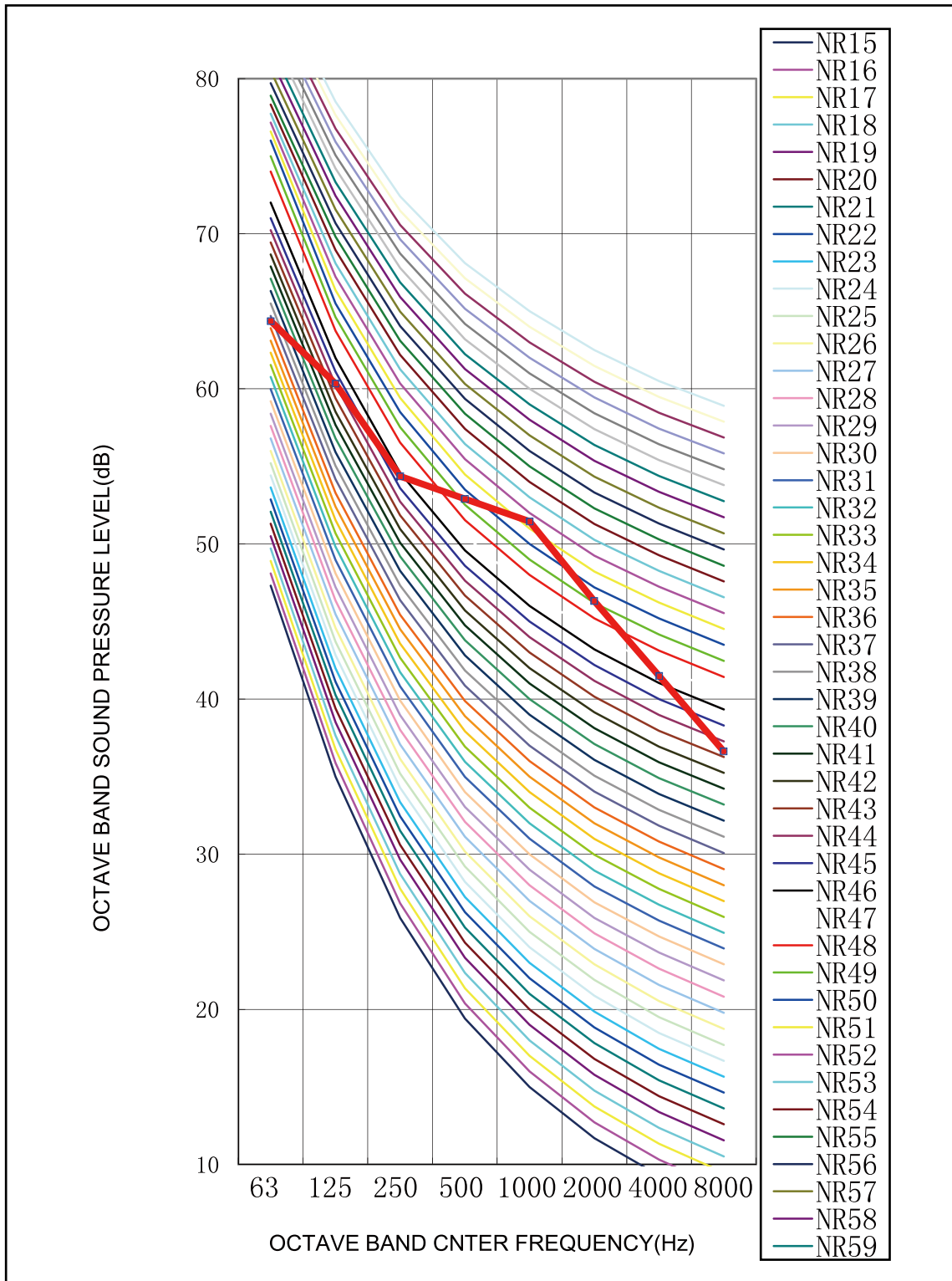
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



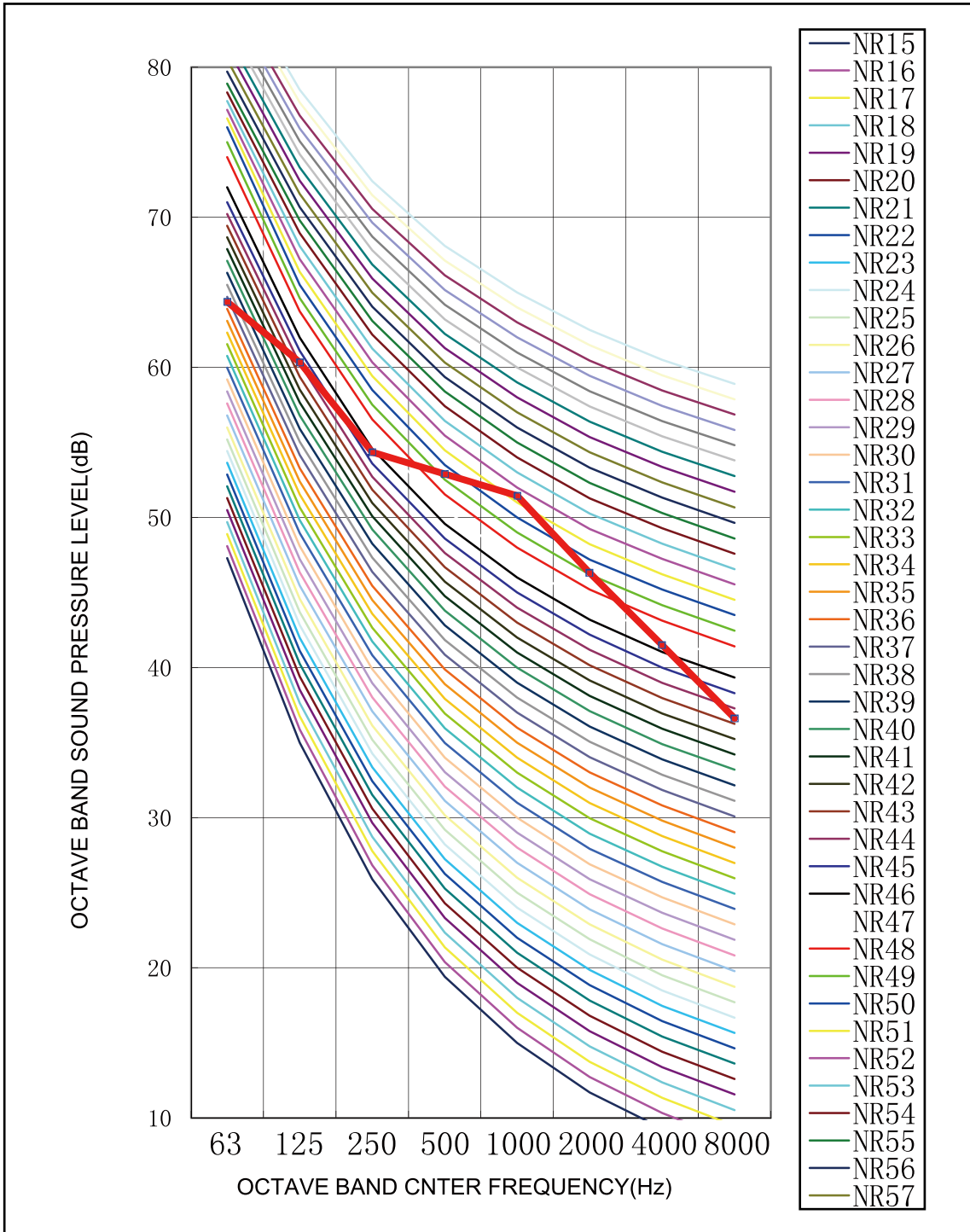
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD35ZD/A-T
Cooling



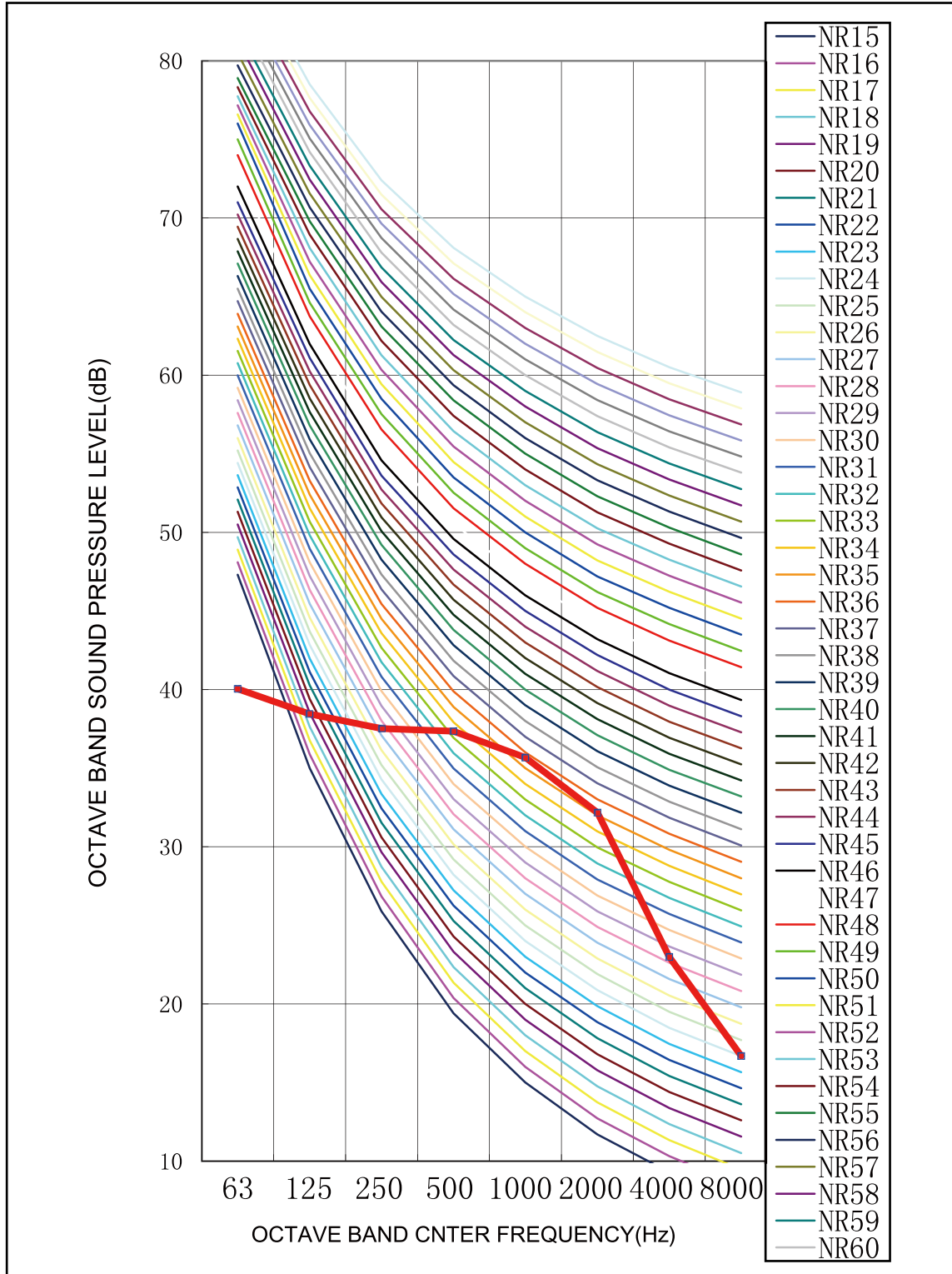
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



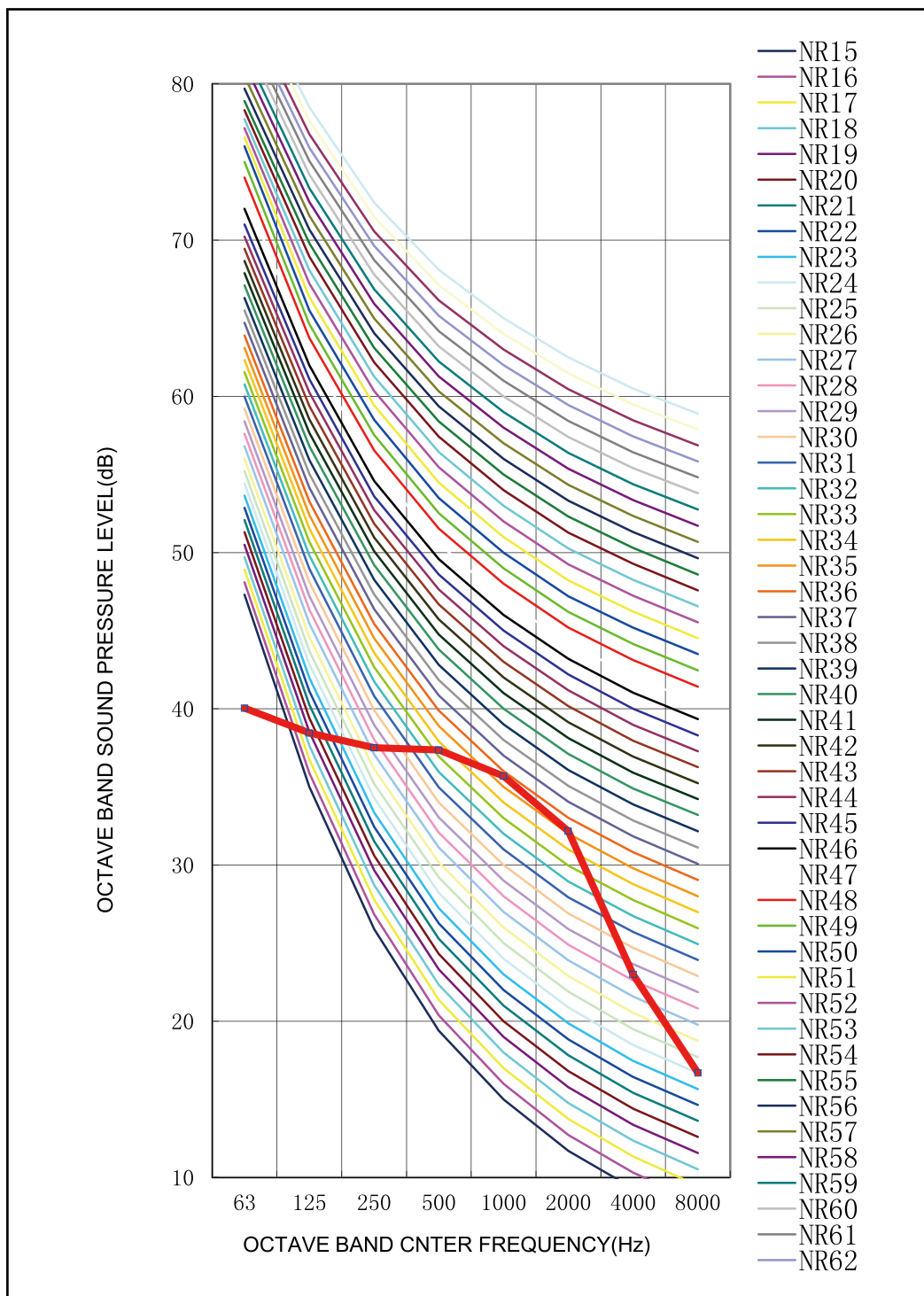
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD50ZD/A-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



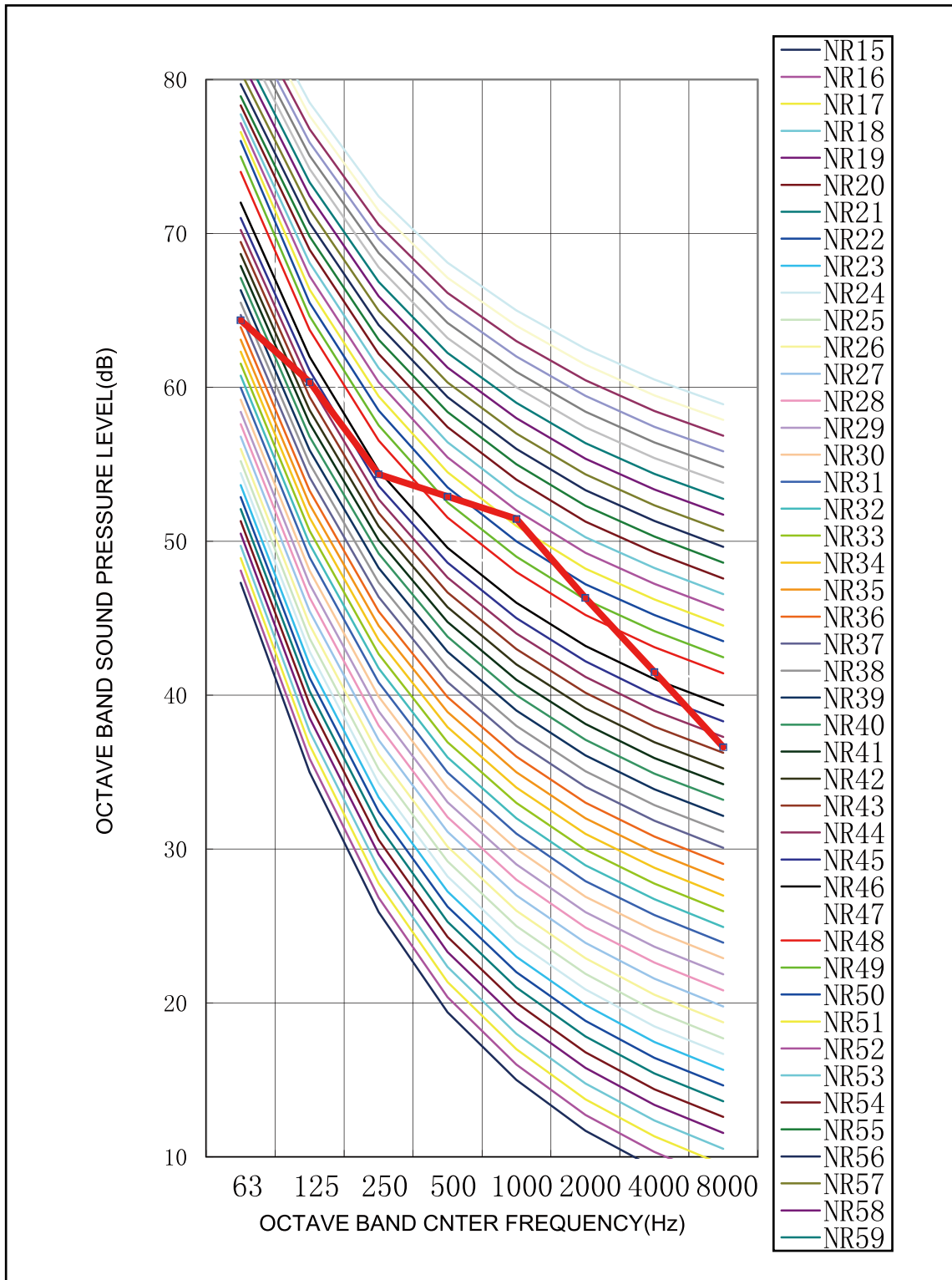
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

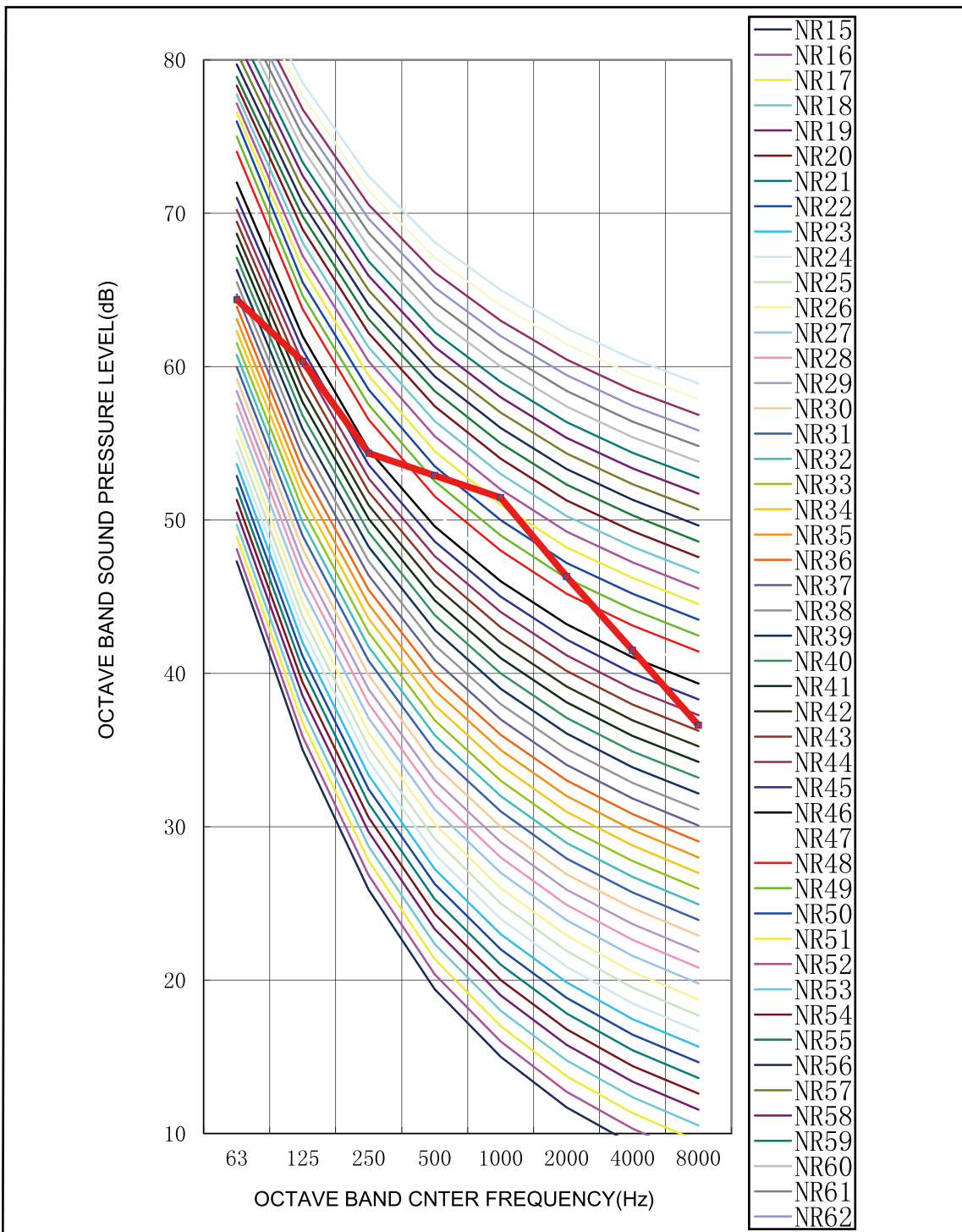
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD71ZD/A-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



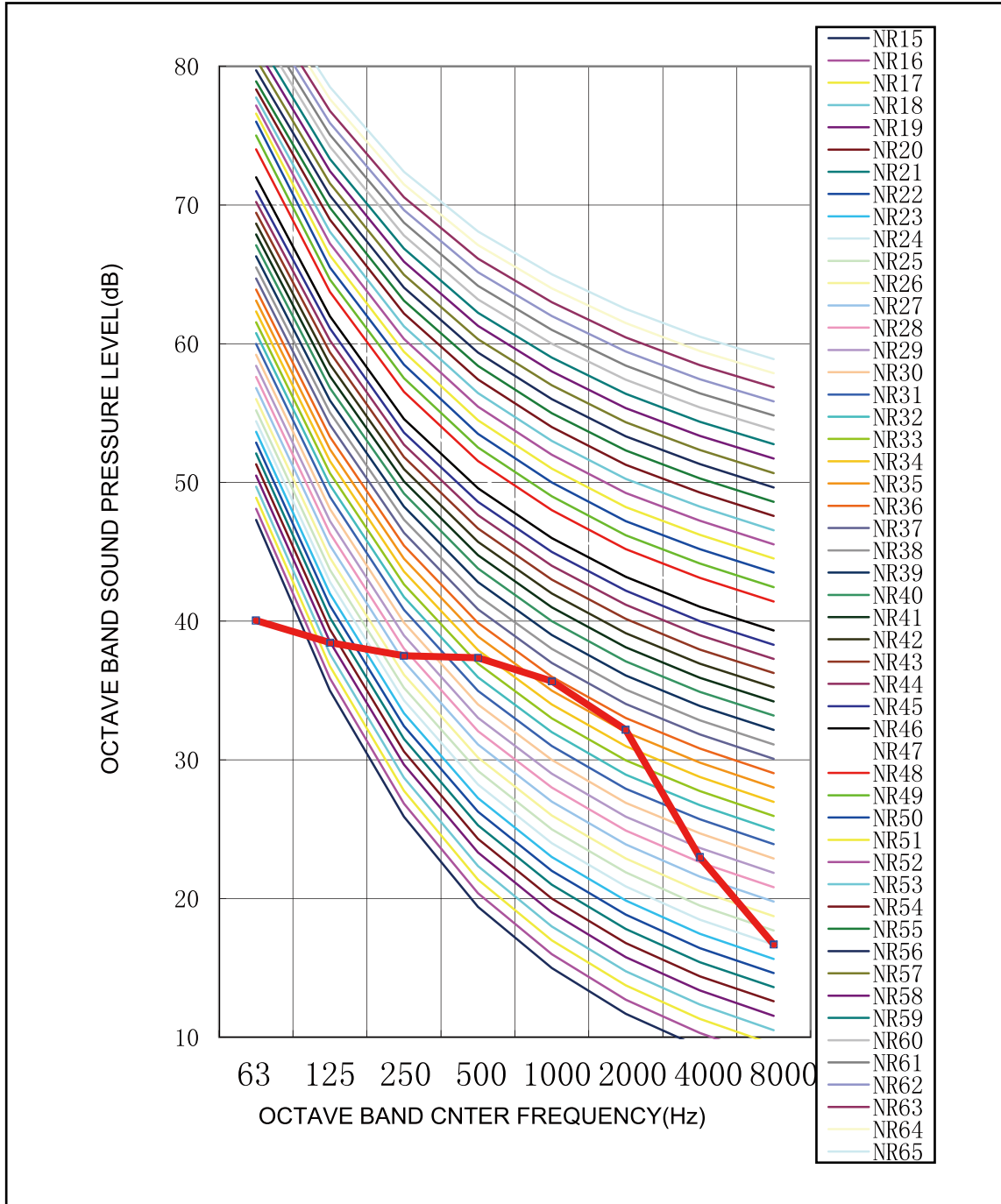
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

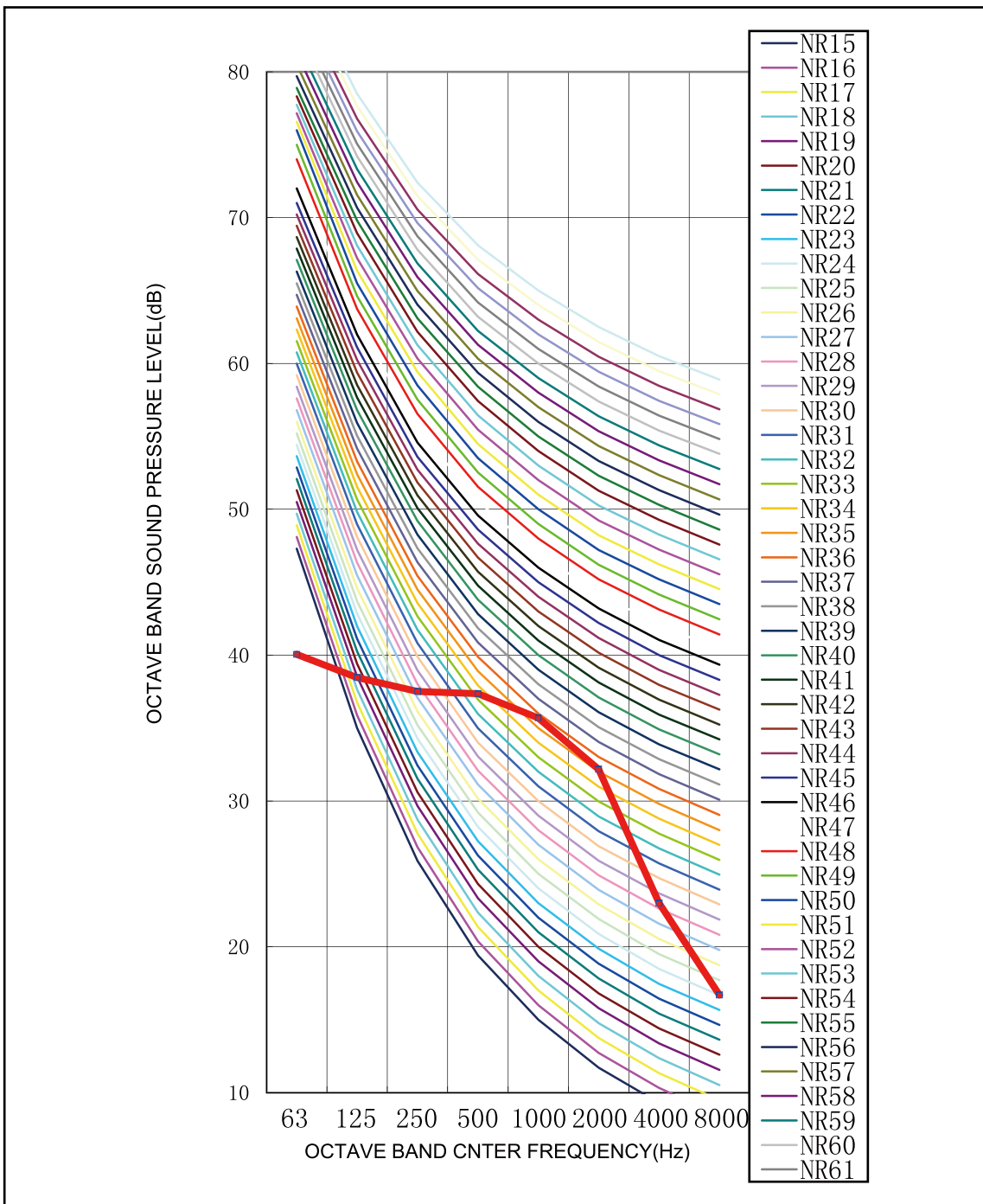
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD85ZD/A-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



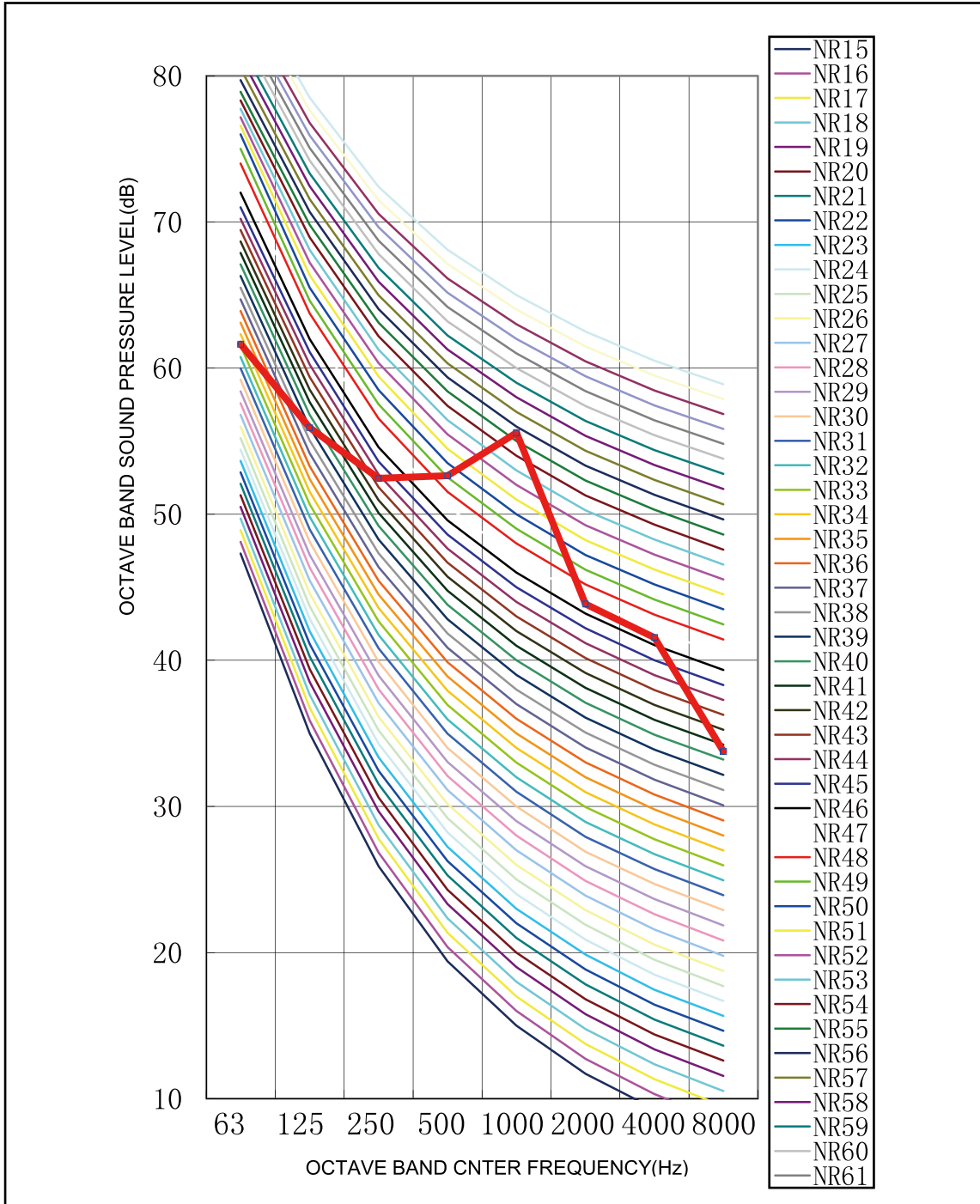
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

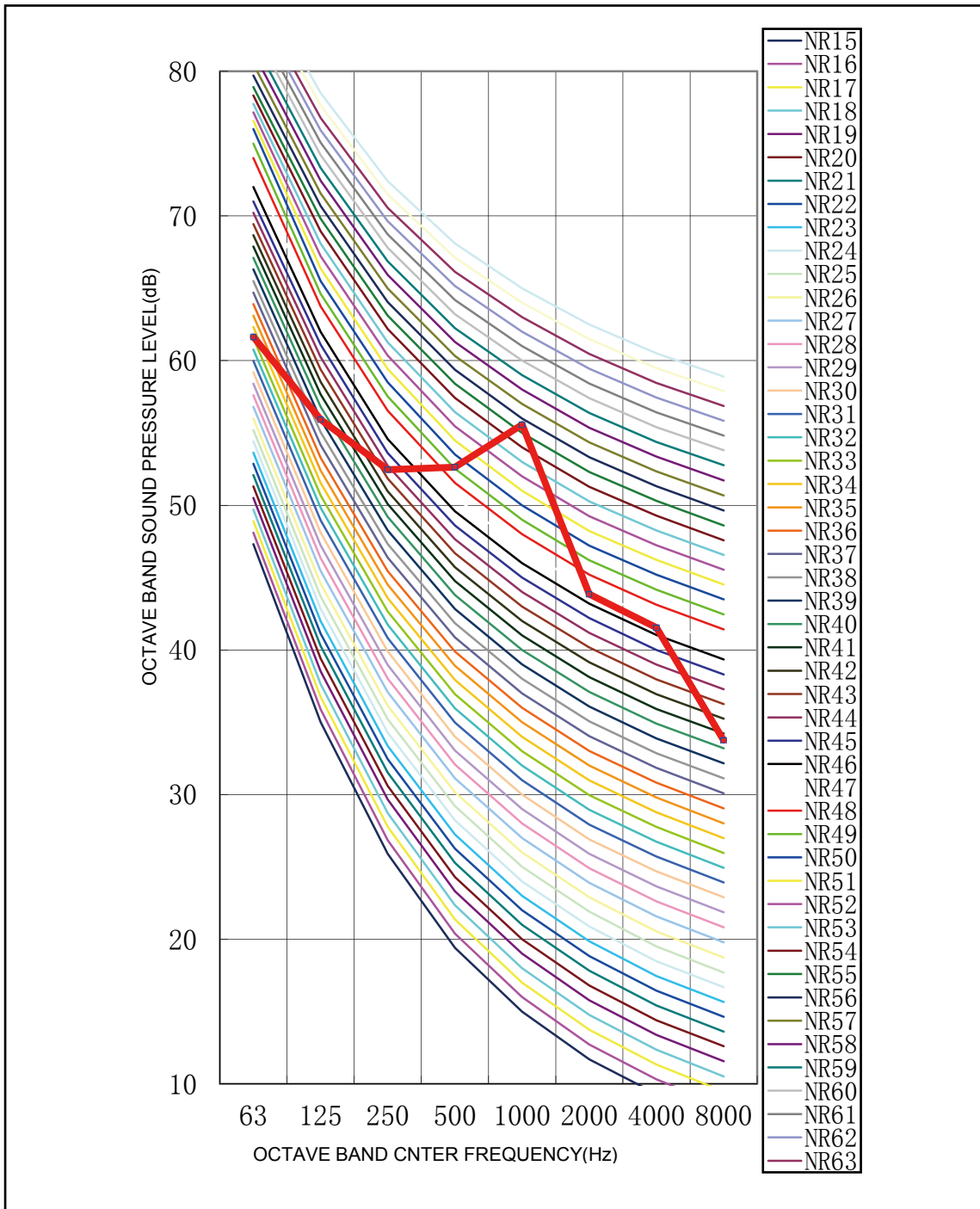
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD100ZD/A-T
Cooling



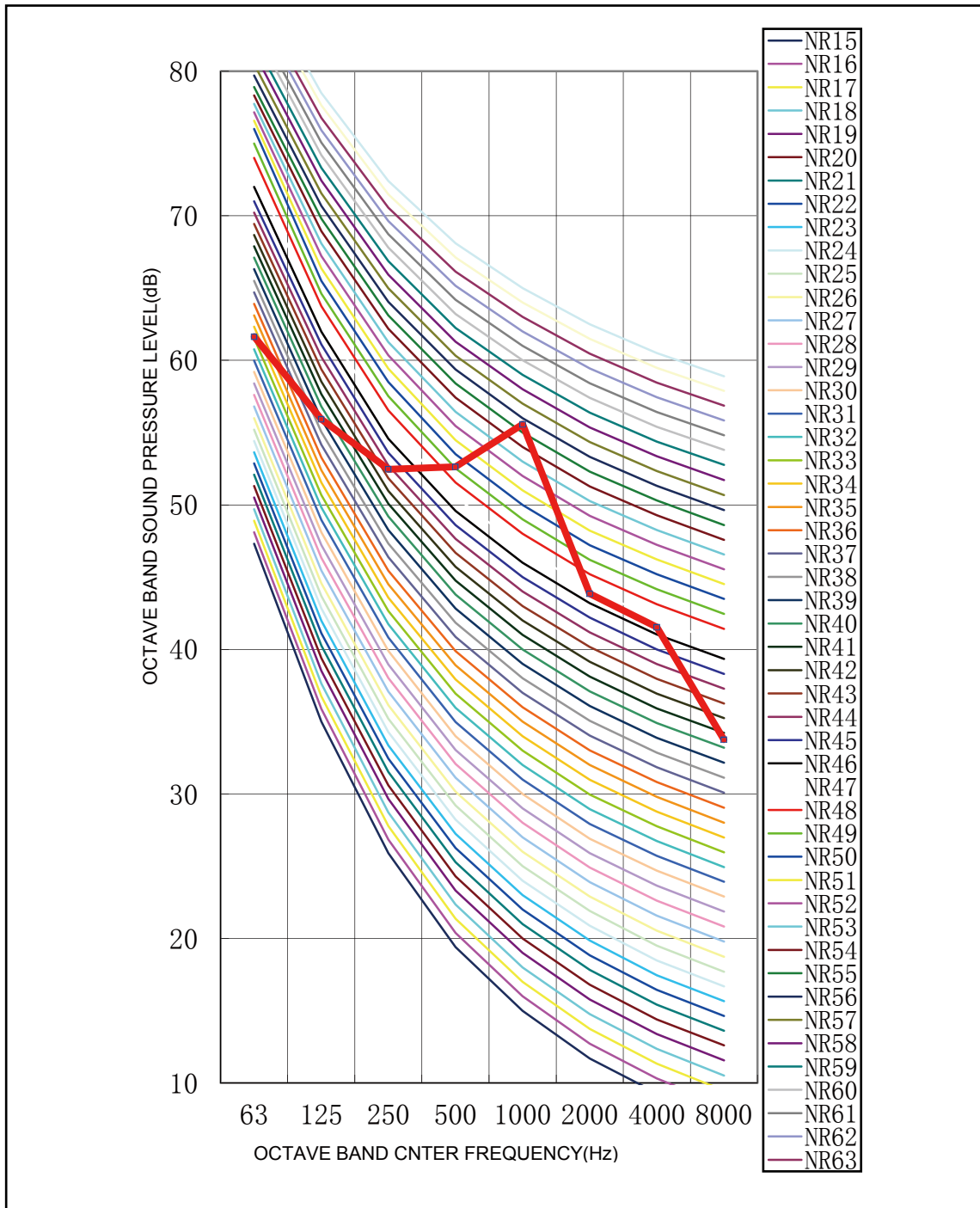
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



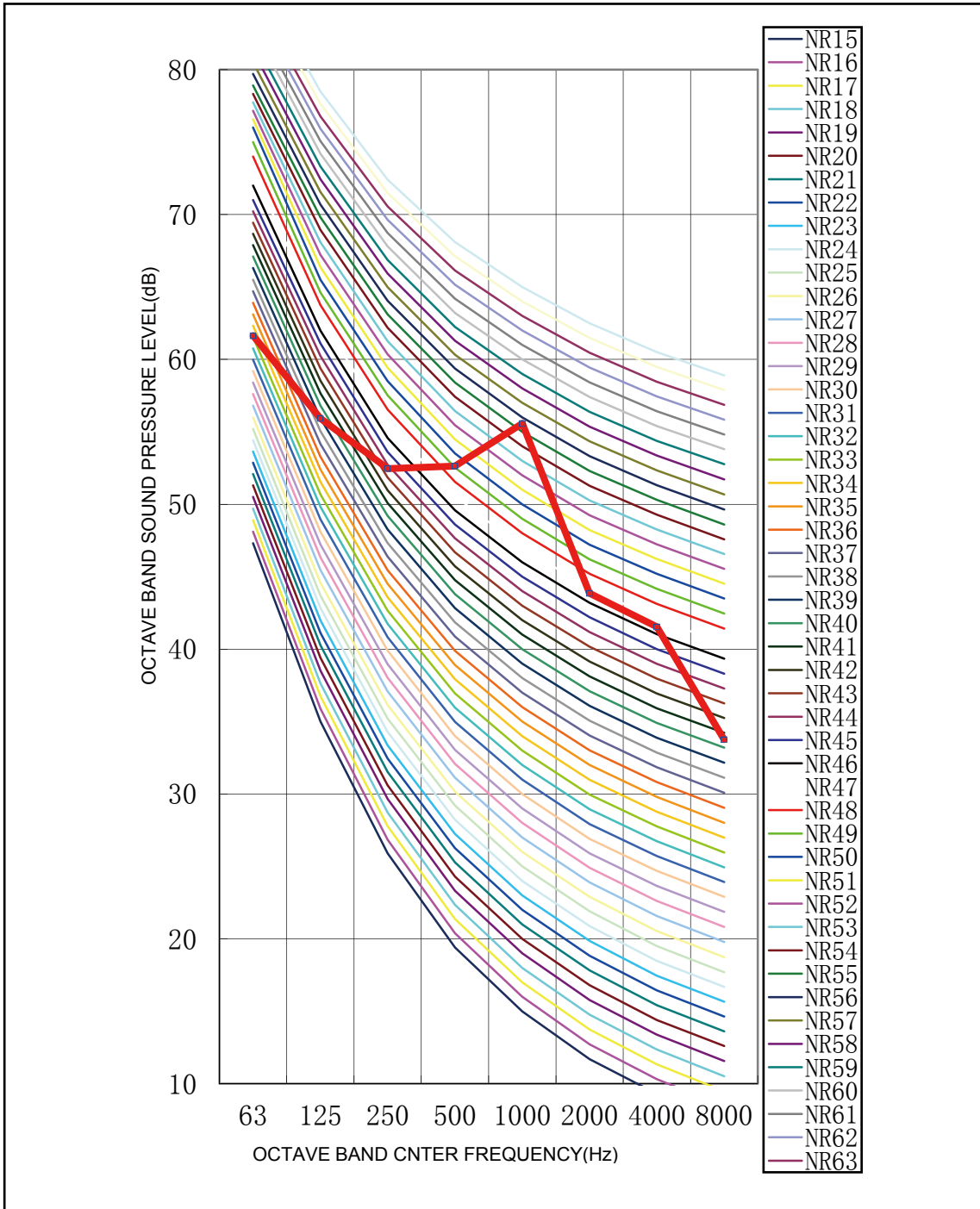
1. Data is valid at field condition.
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level.
4. Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD125ZD/A-T
Cooling



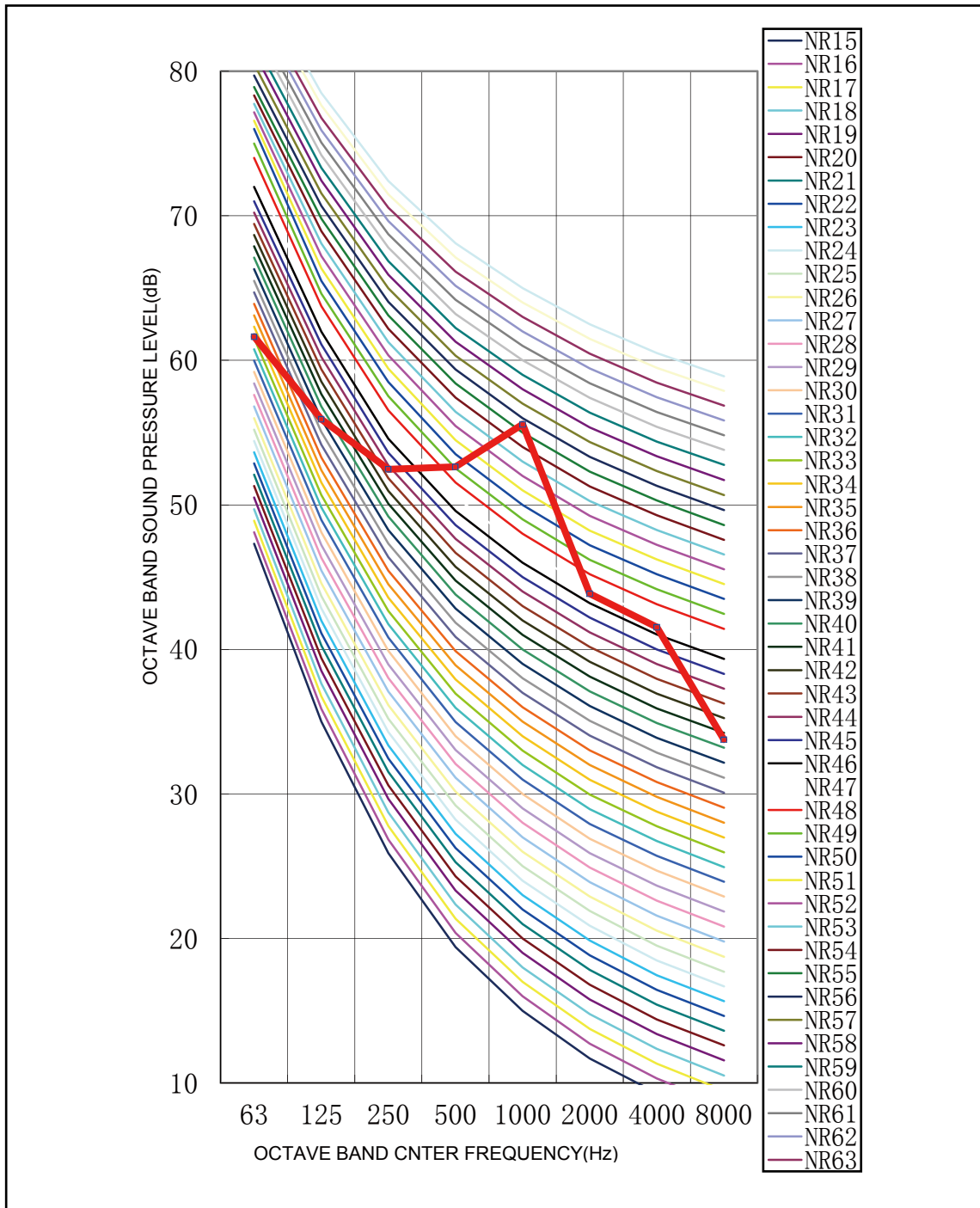
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



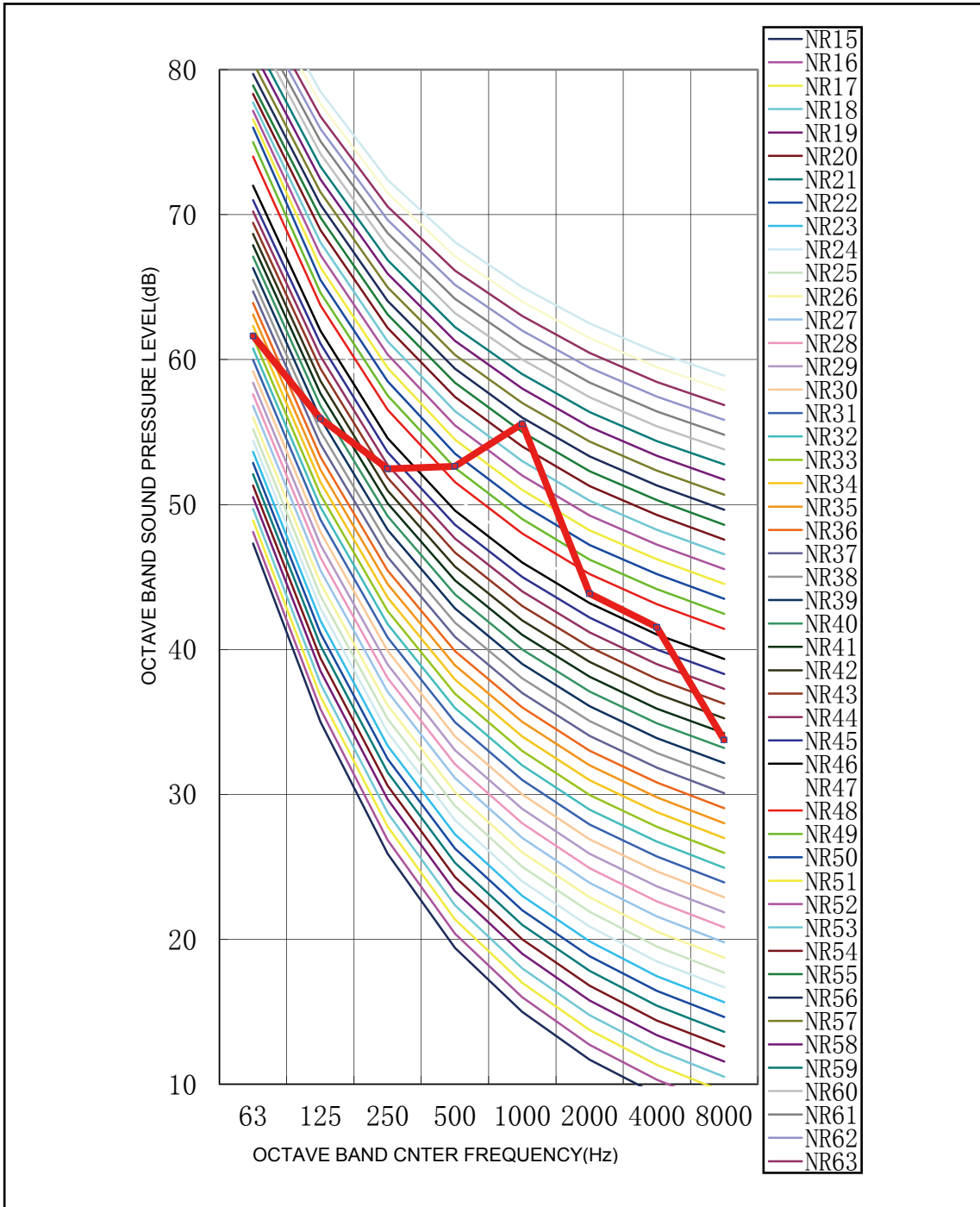
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD140ZD/A-T
Cooling



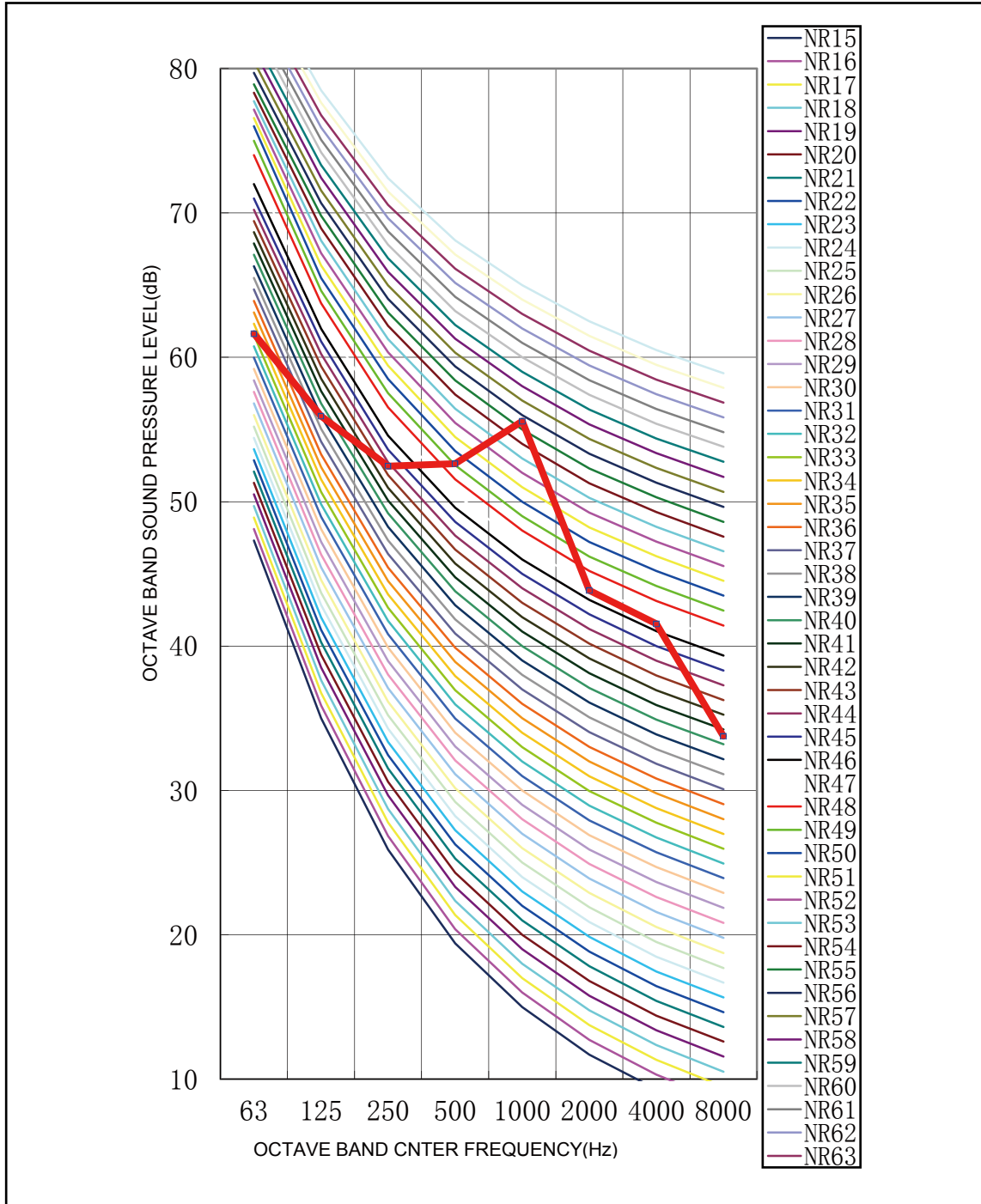
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



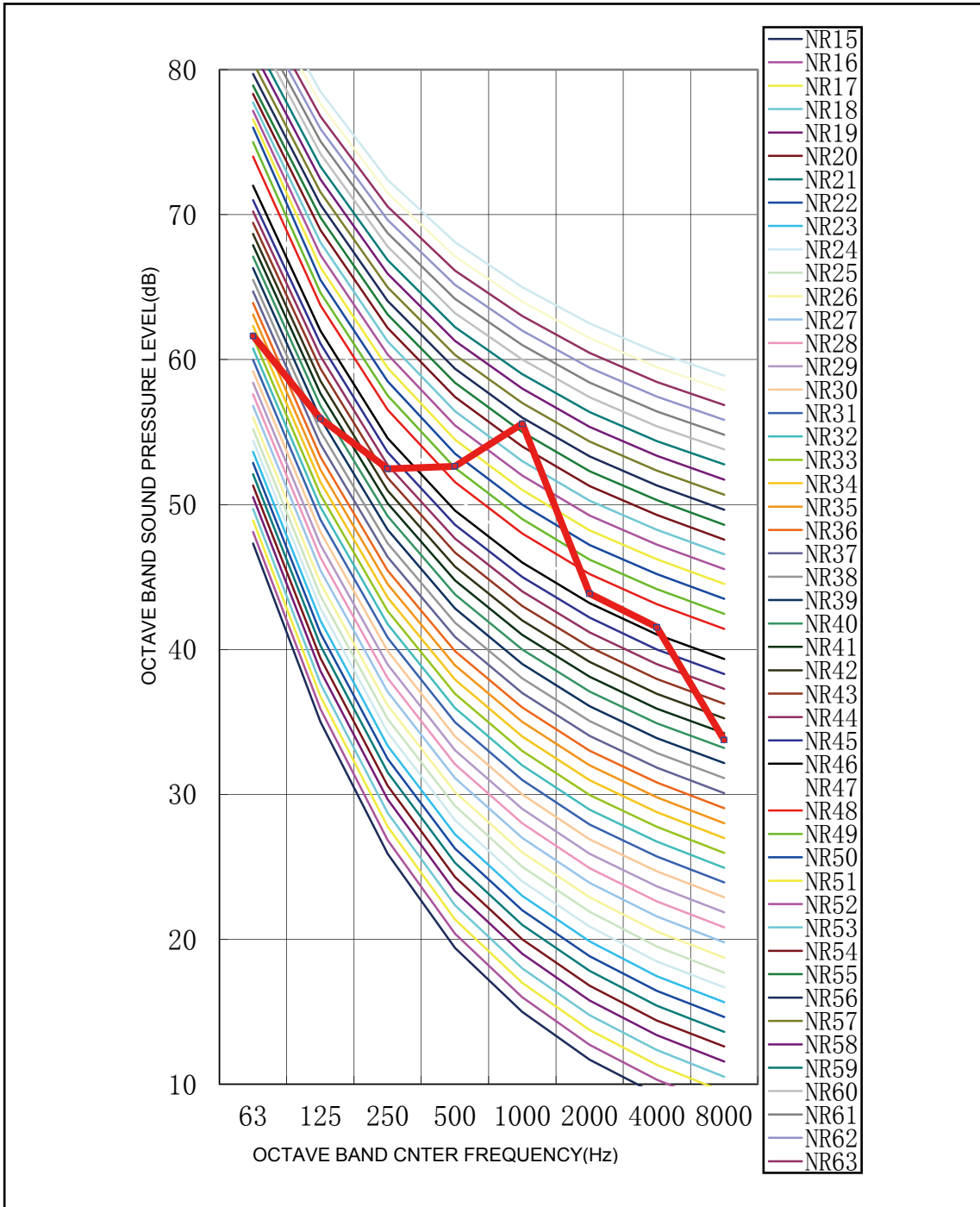
1. Data is valid at field condition.
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level.
4. Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD160ZD/A-T
Cooling



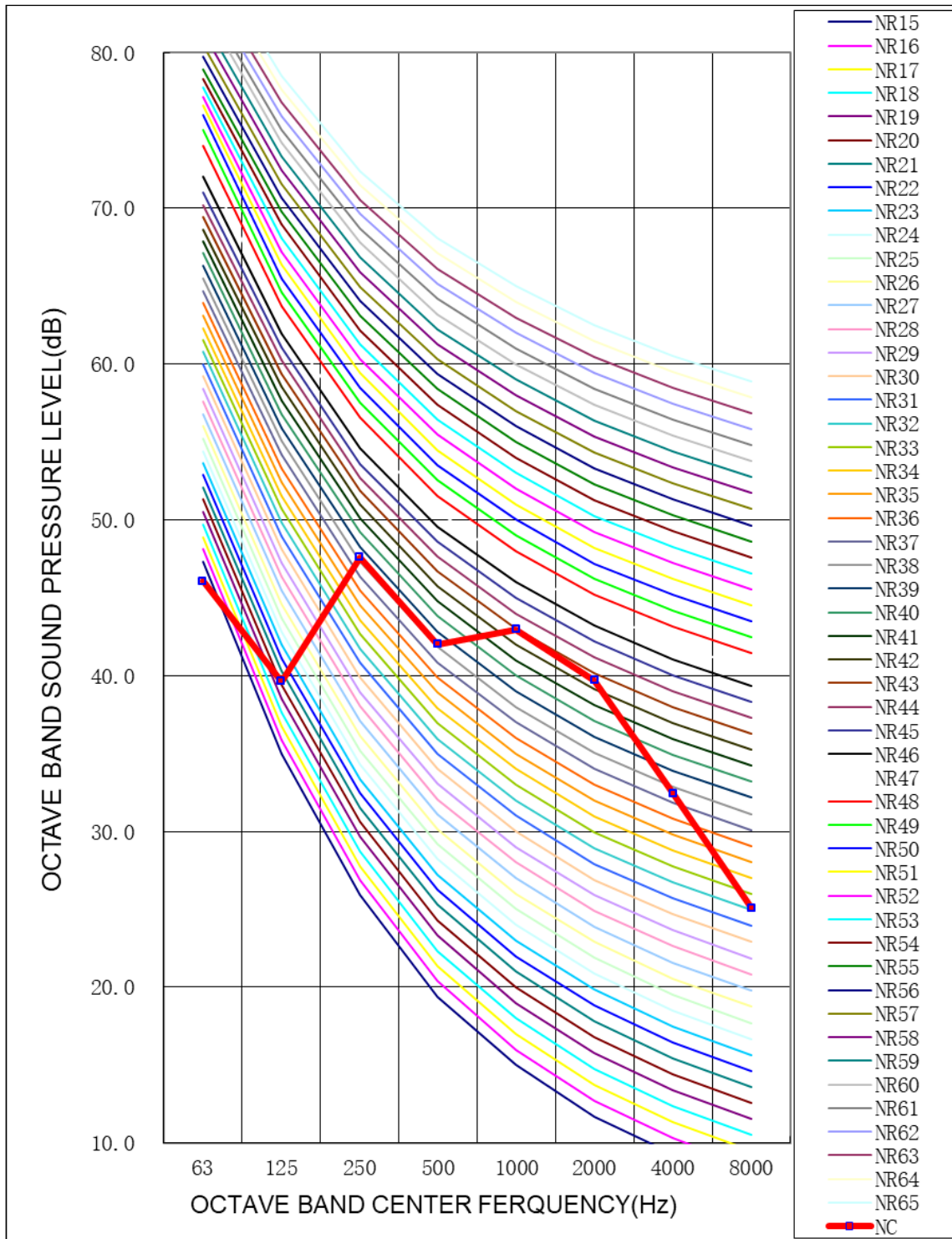
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



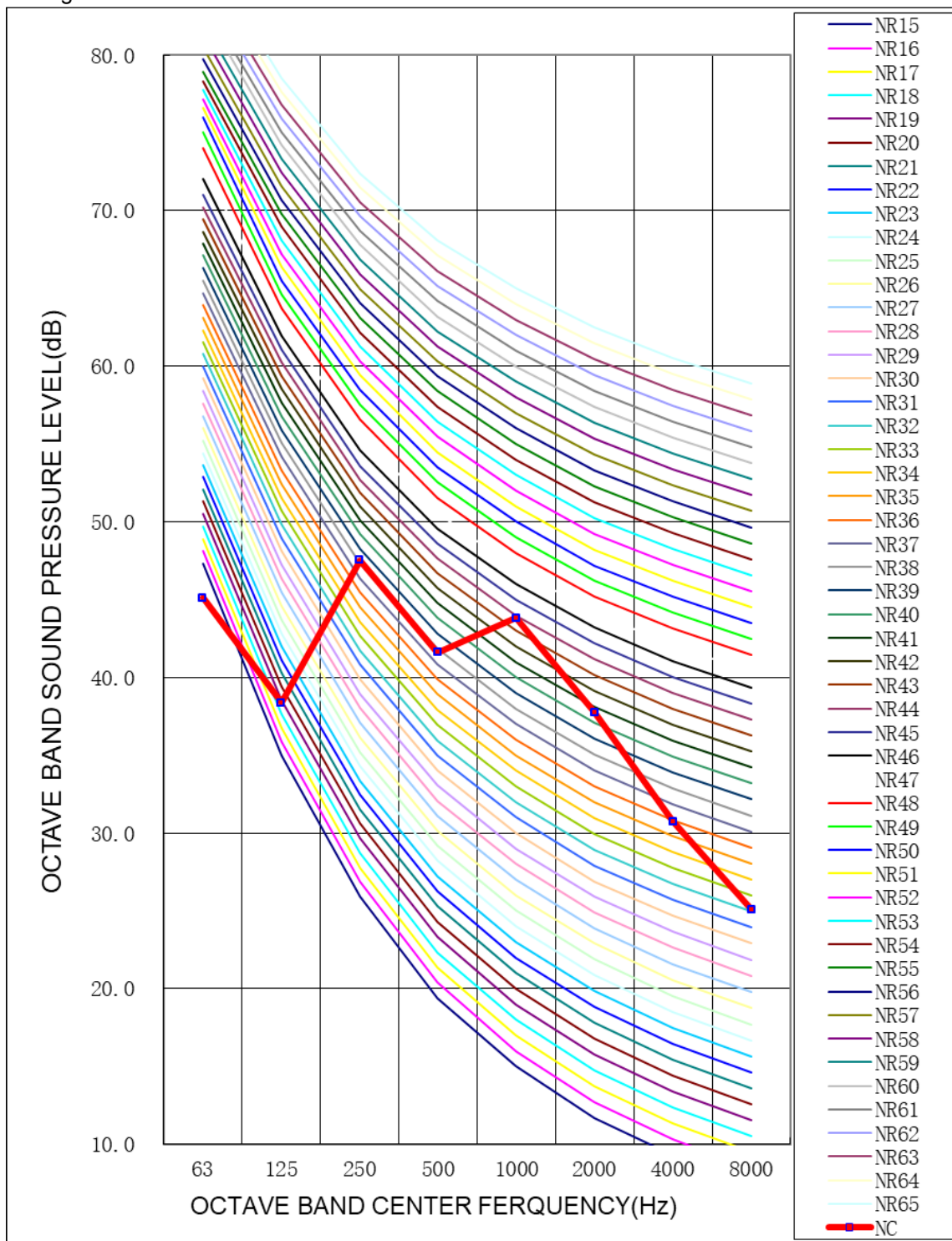
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD71G/A-T,GUD71G/A1-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



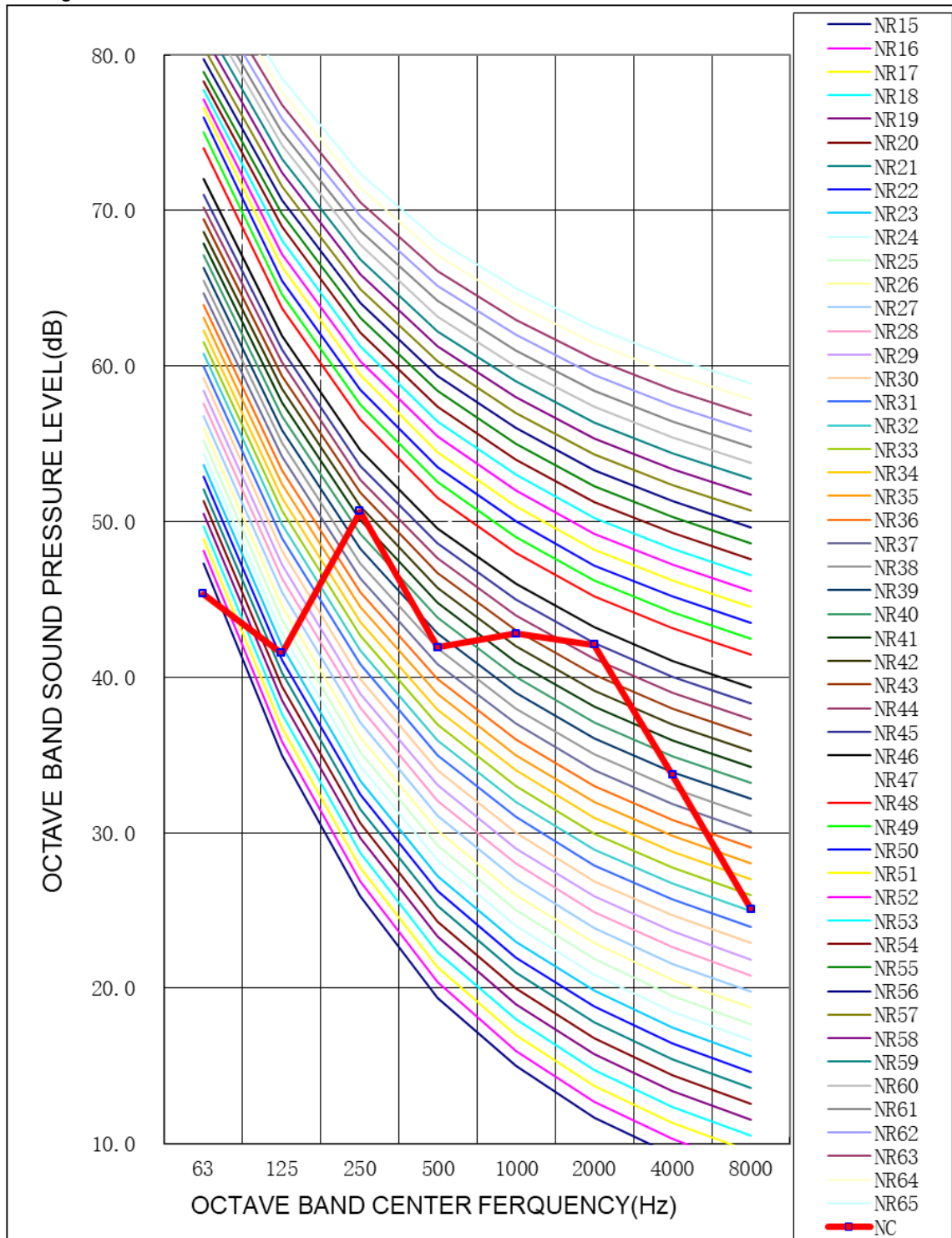
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

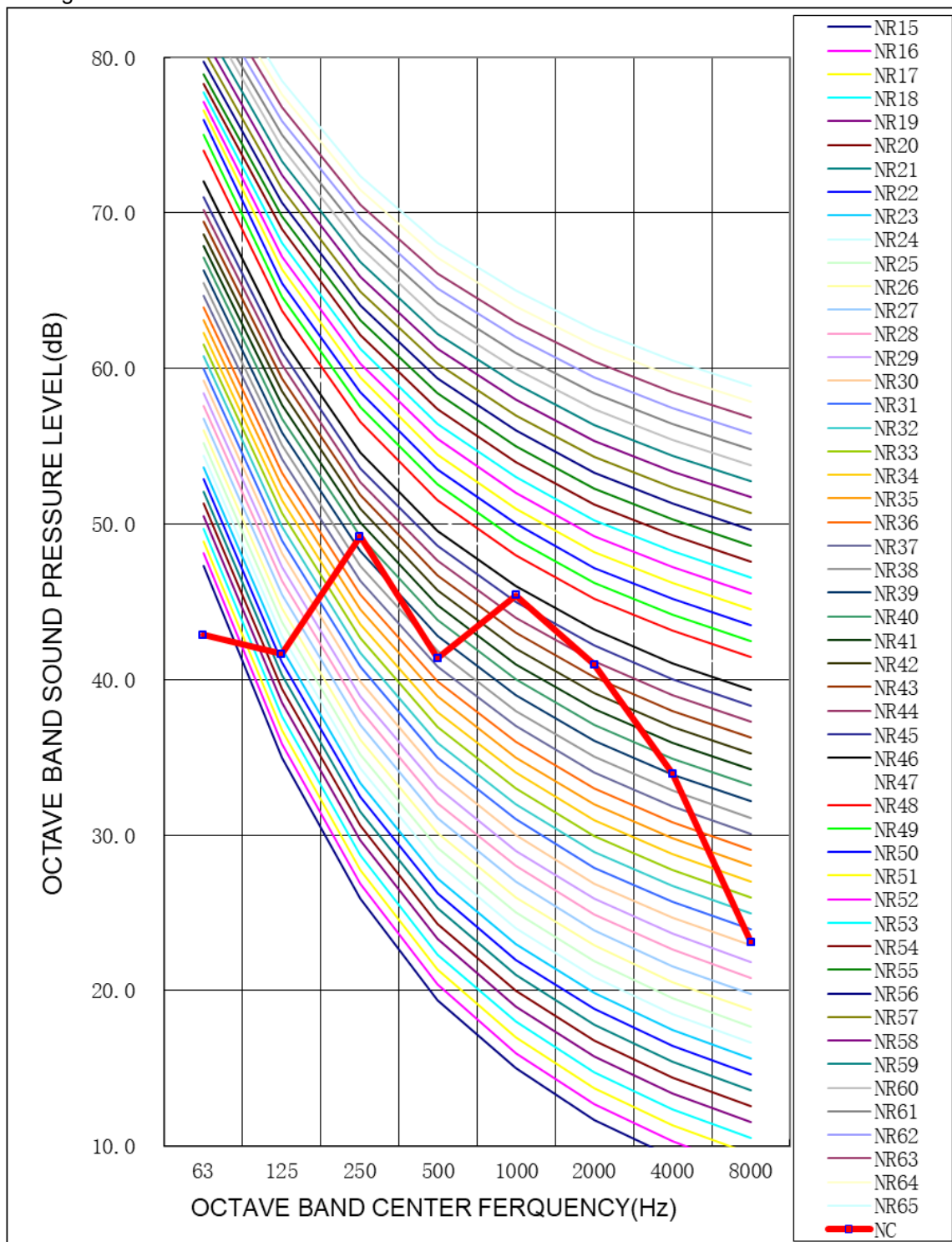
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD100G/A-T, GUD100G/A1-T
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



1.Data is valid at field condition.

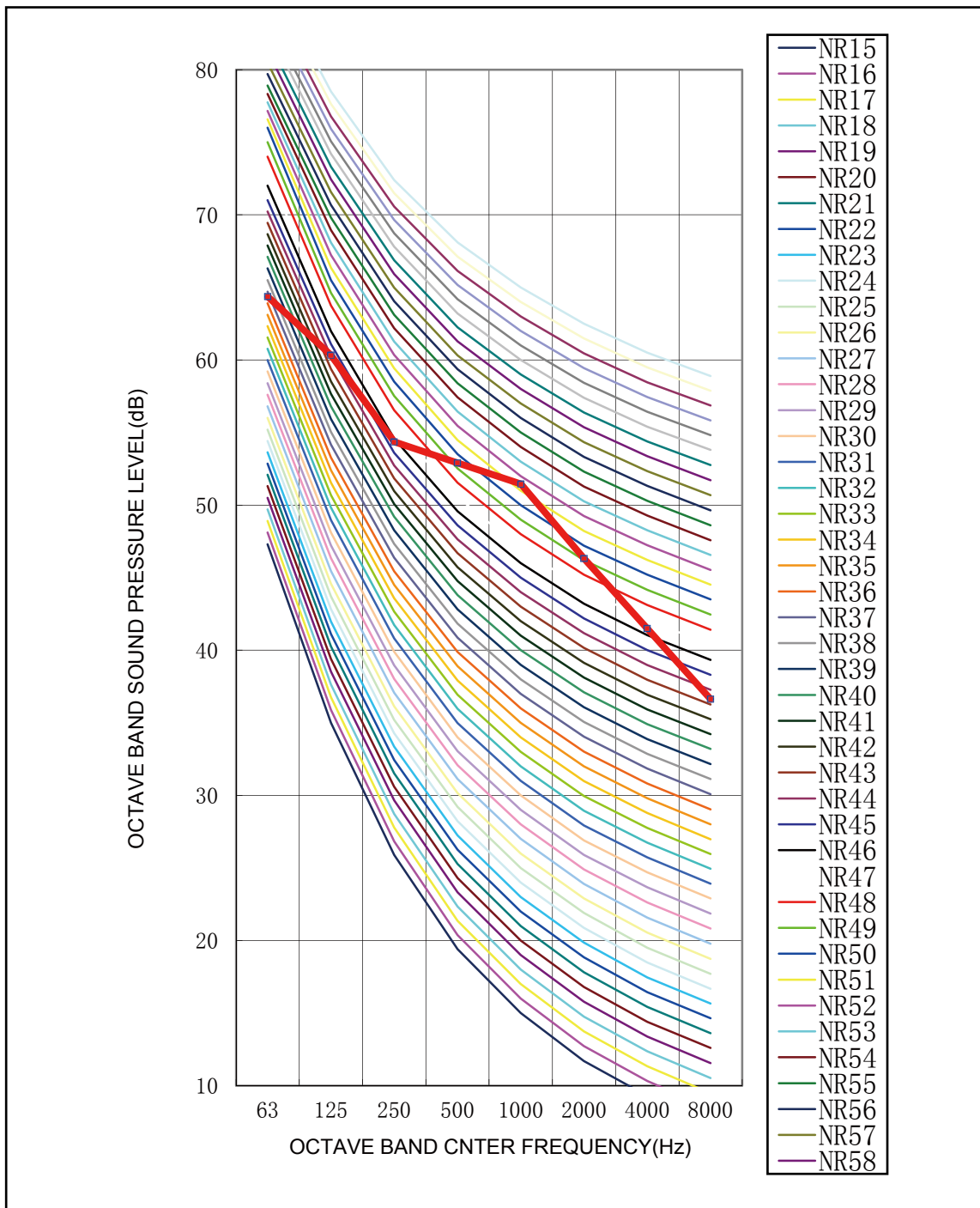
2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

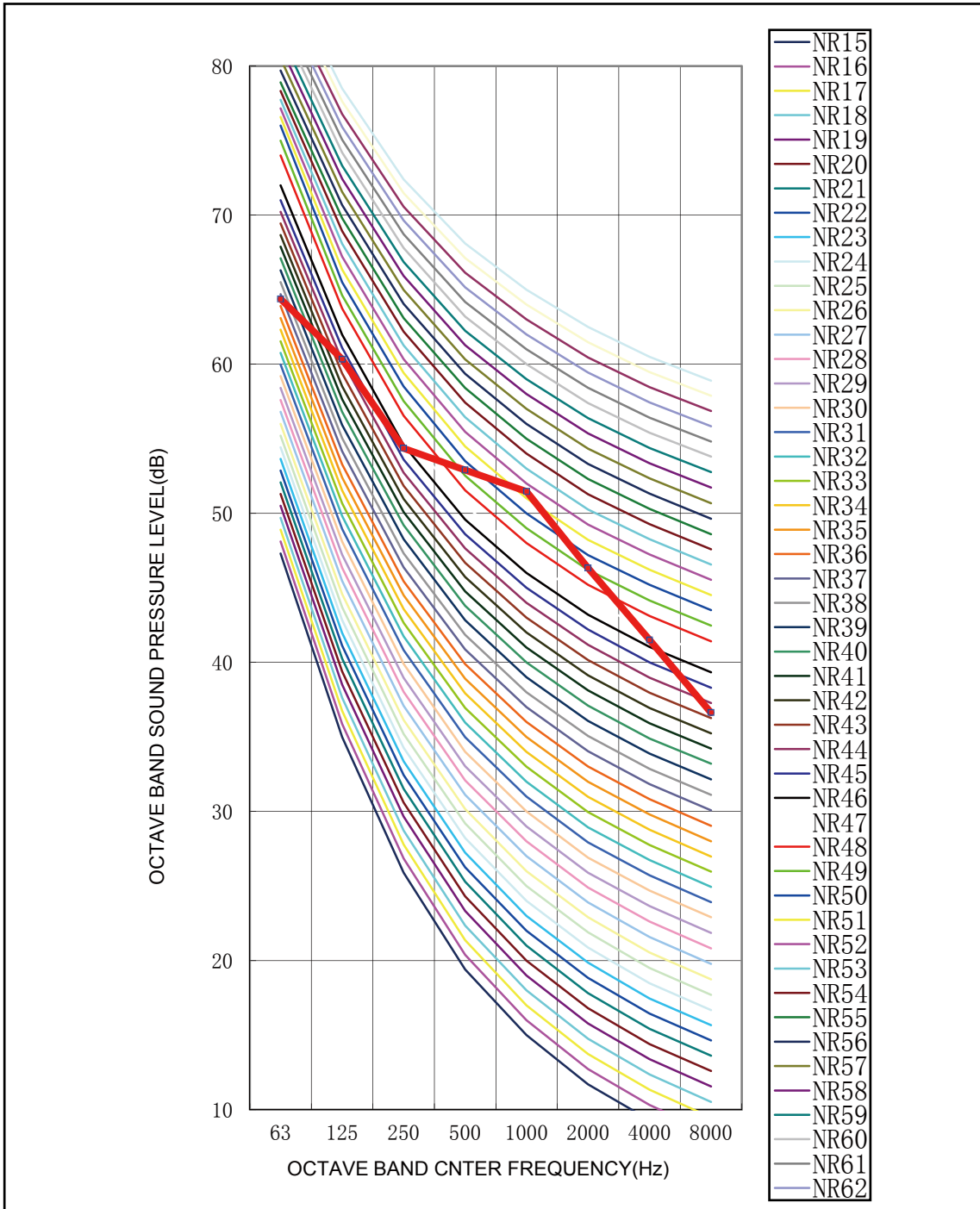
9.2.2 Outdoor Unit

GUD35W/NhA-T
Cooling



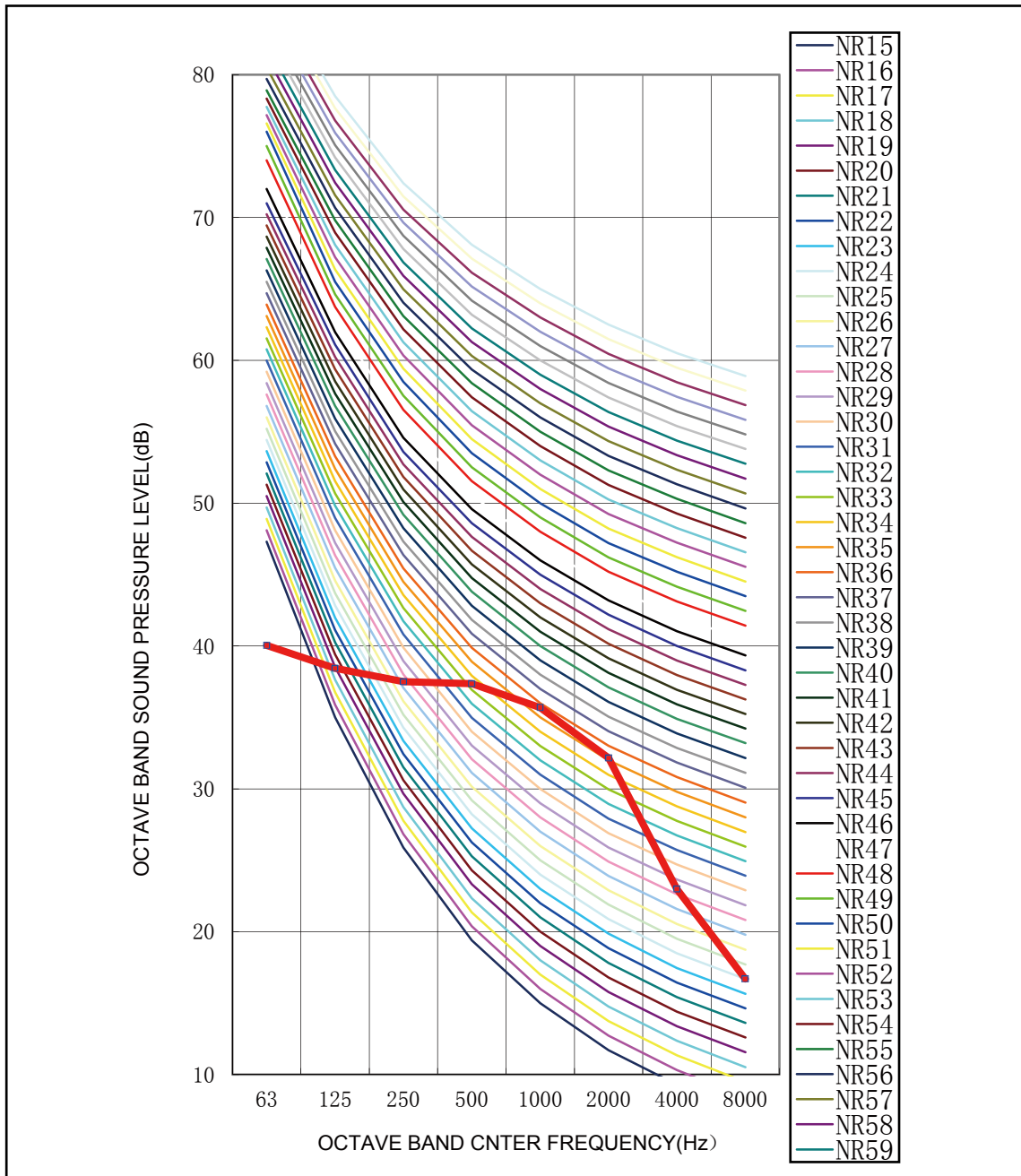
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



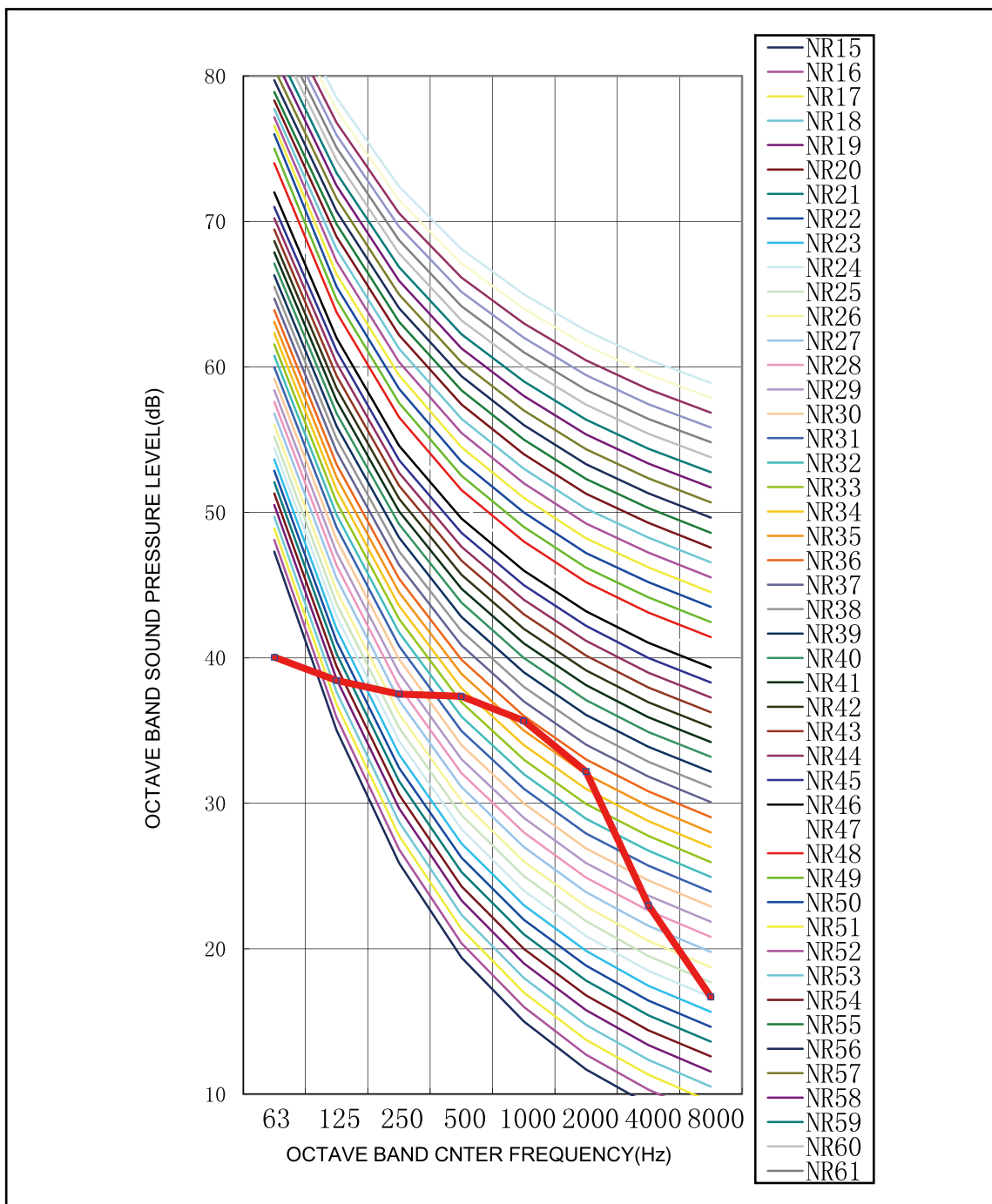
1. Data is valid at field condition.
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level.
4. Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD50W/NhA-T
Cooling



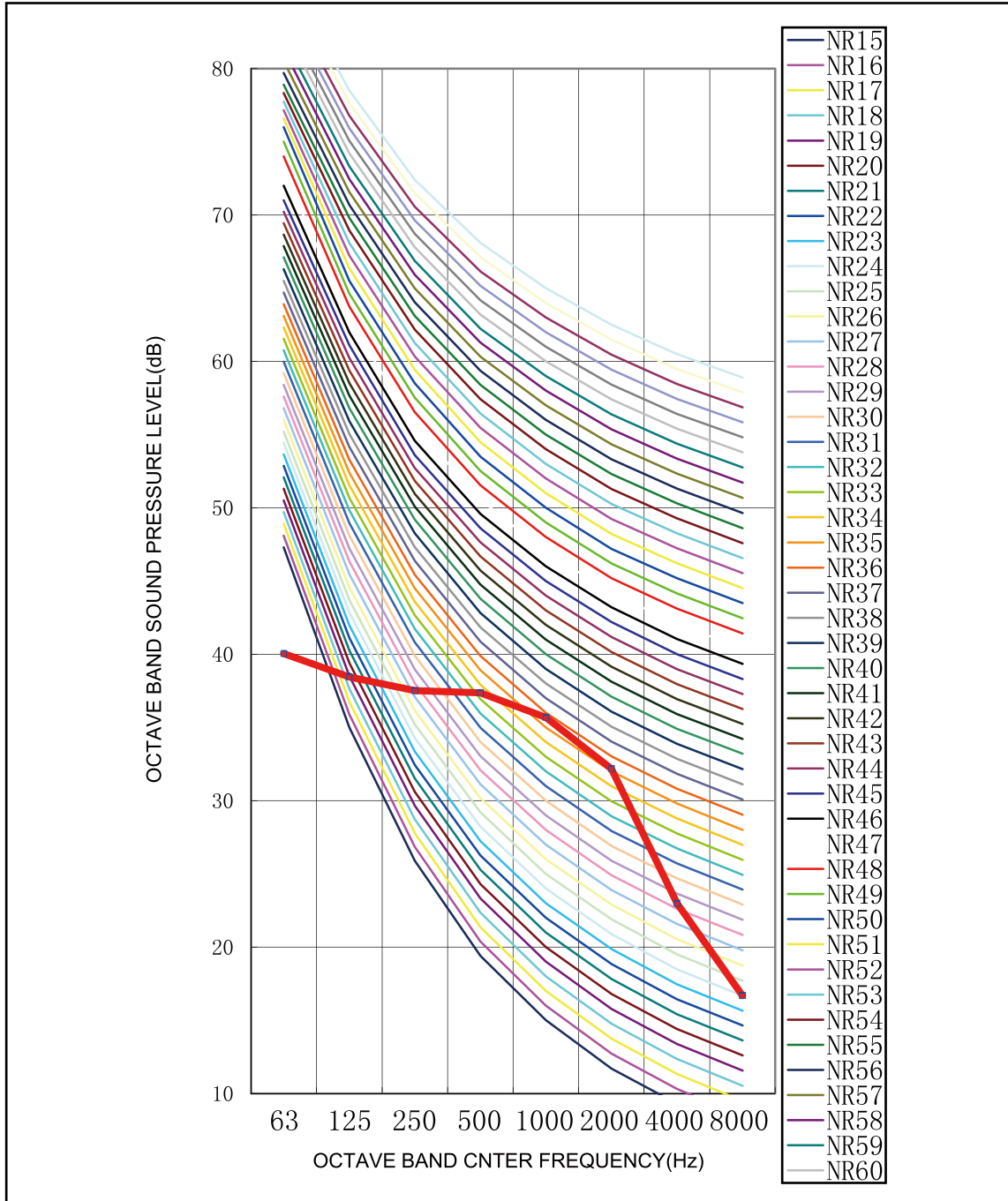
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



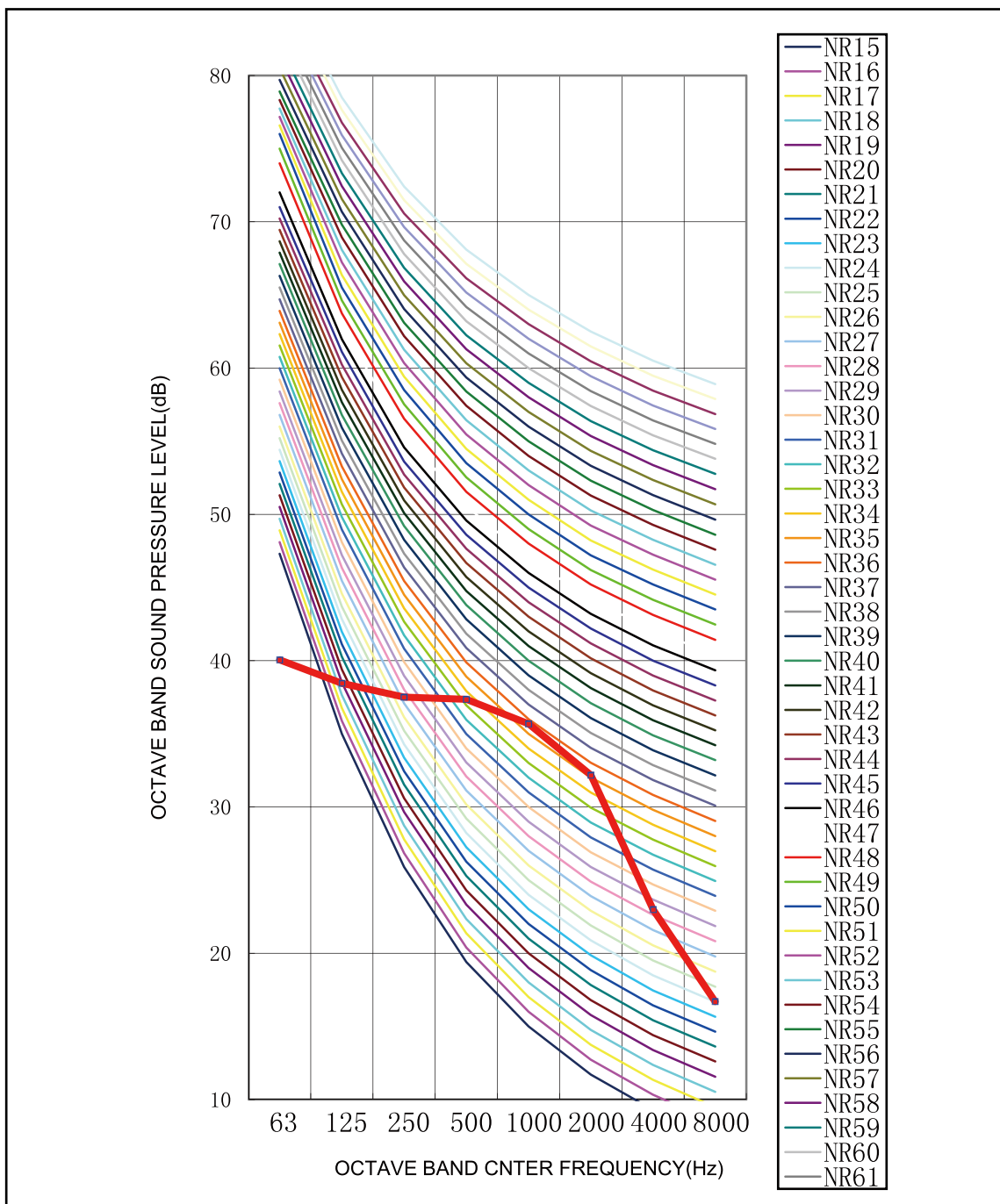
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD85W/NhA-T
Cooling



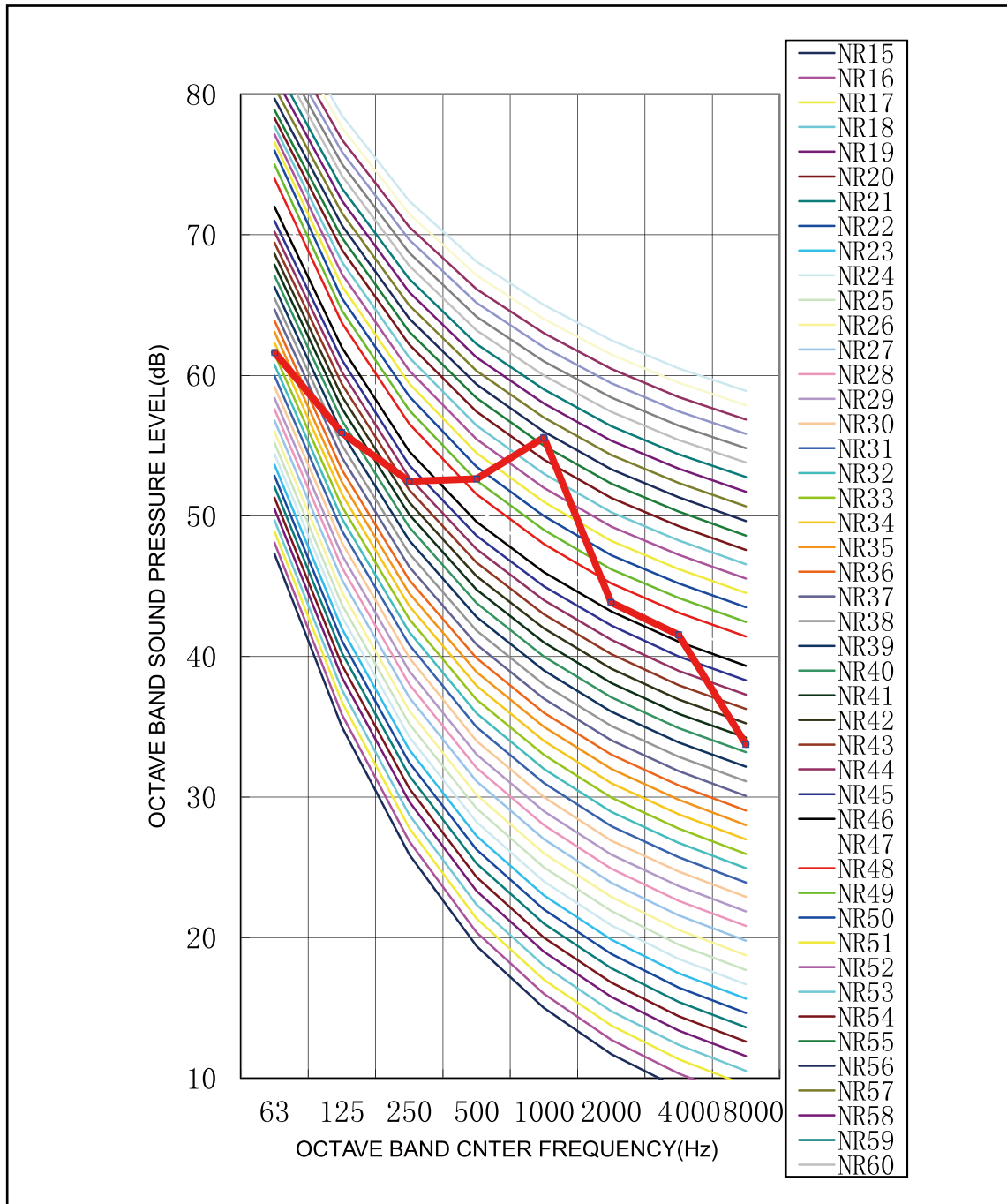
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



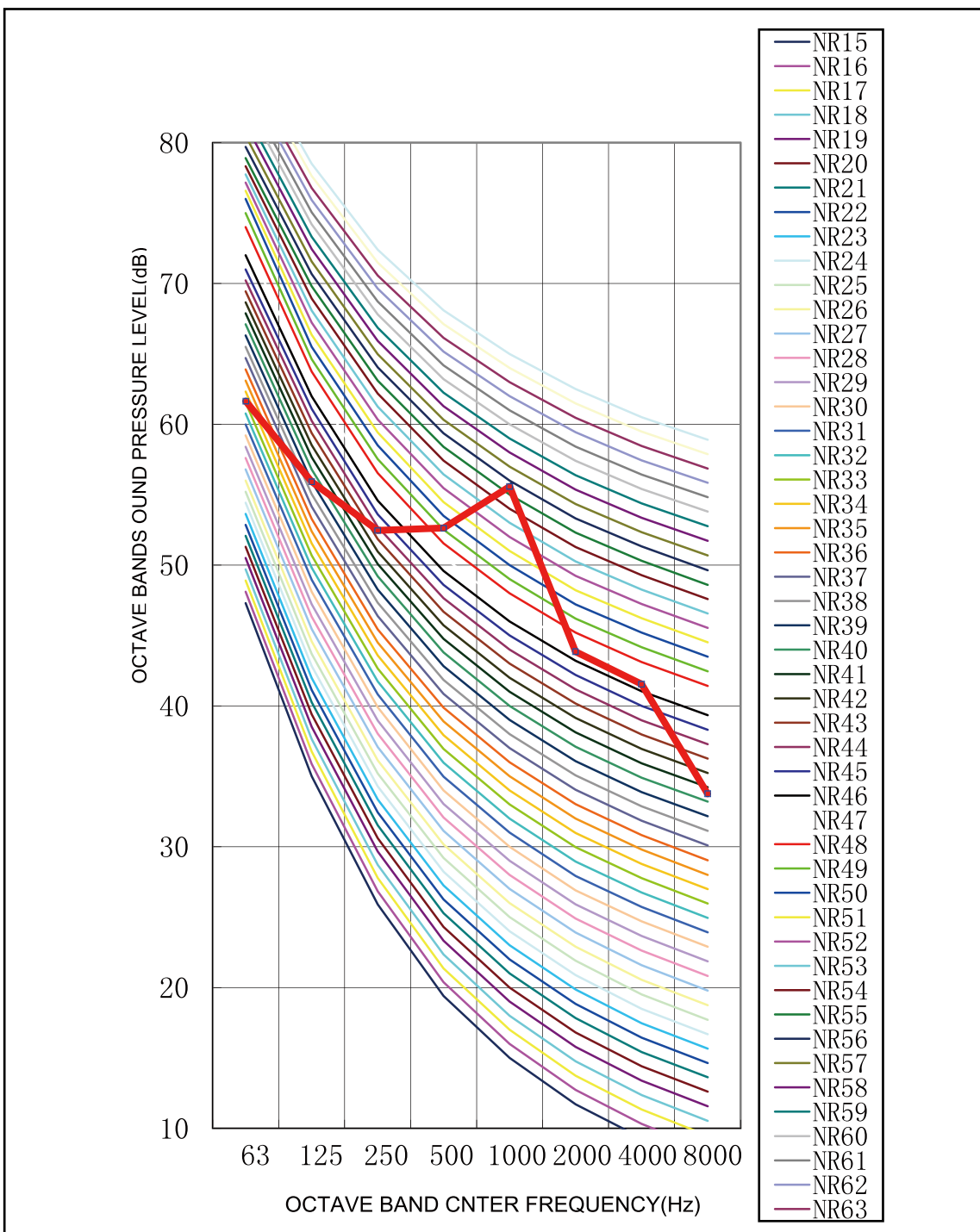
- 1.Data is valid at field condition.
- 2.Data is valid at nominal operation condition.
- 3.dBA =A –weighted sound pressure level.
- 4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD100W/NhA-T, GUD100W/NhA-X
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



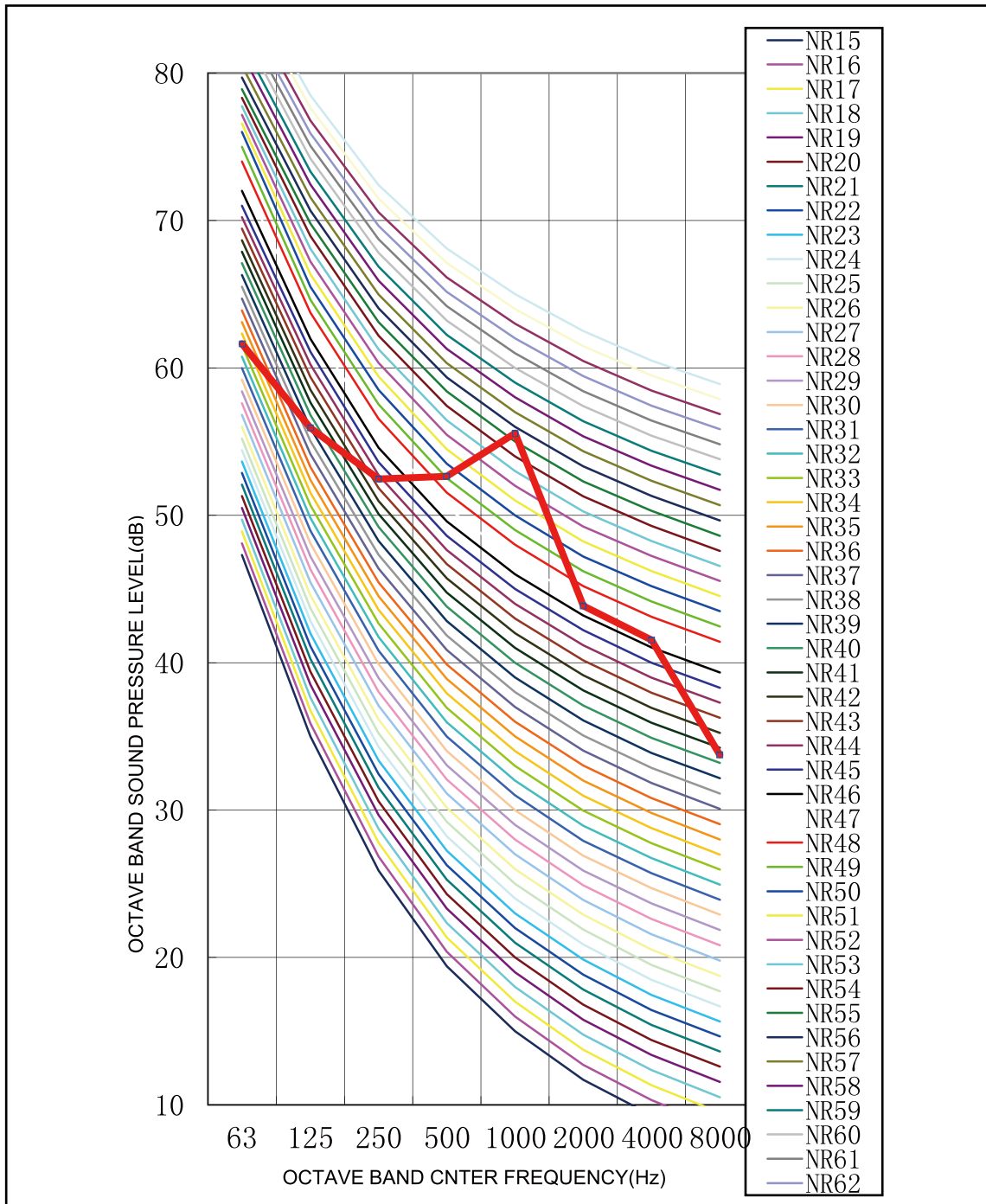
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

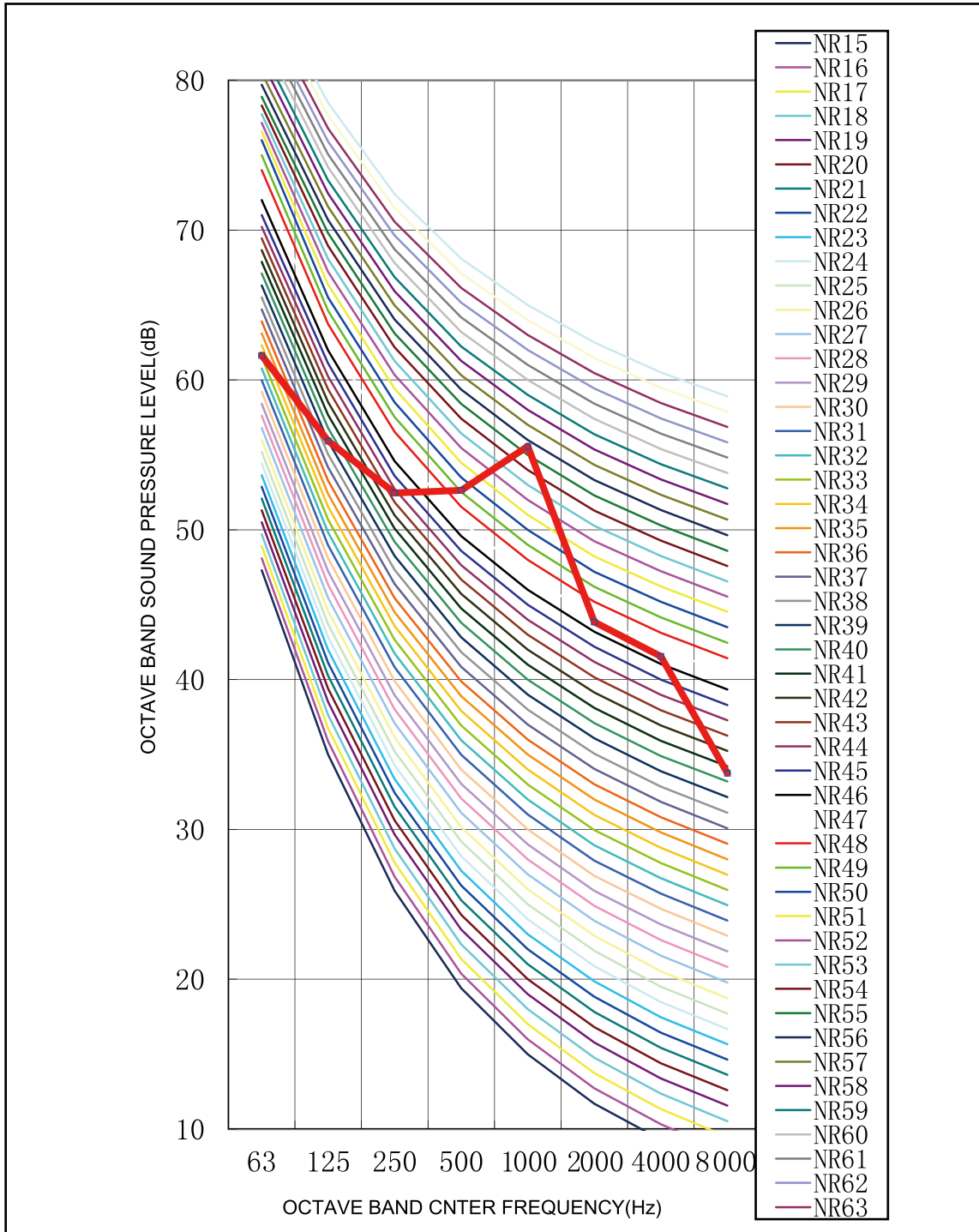
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD125W/NhA-T, GUD125W/NhA-X
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



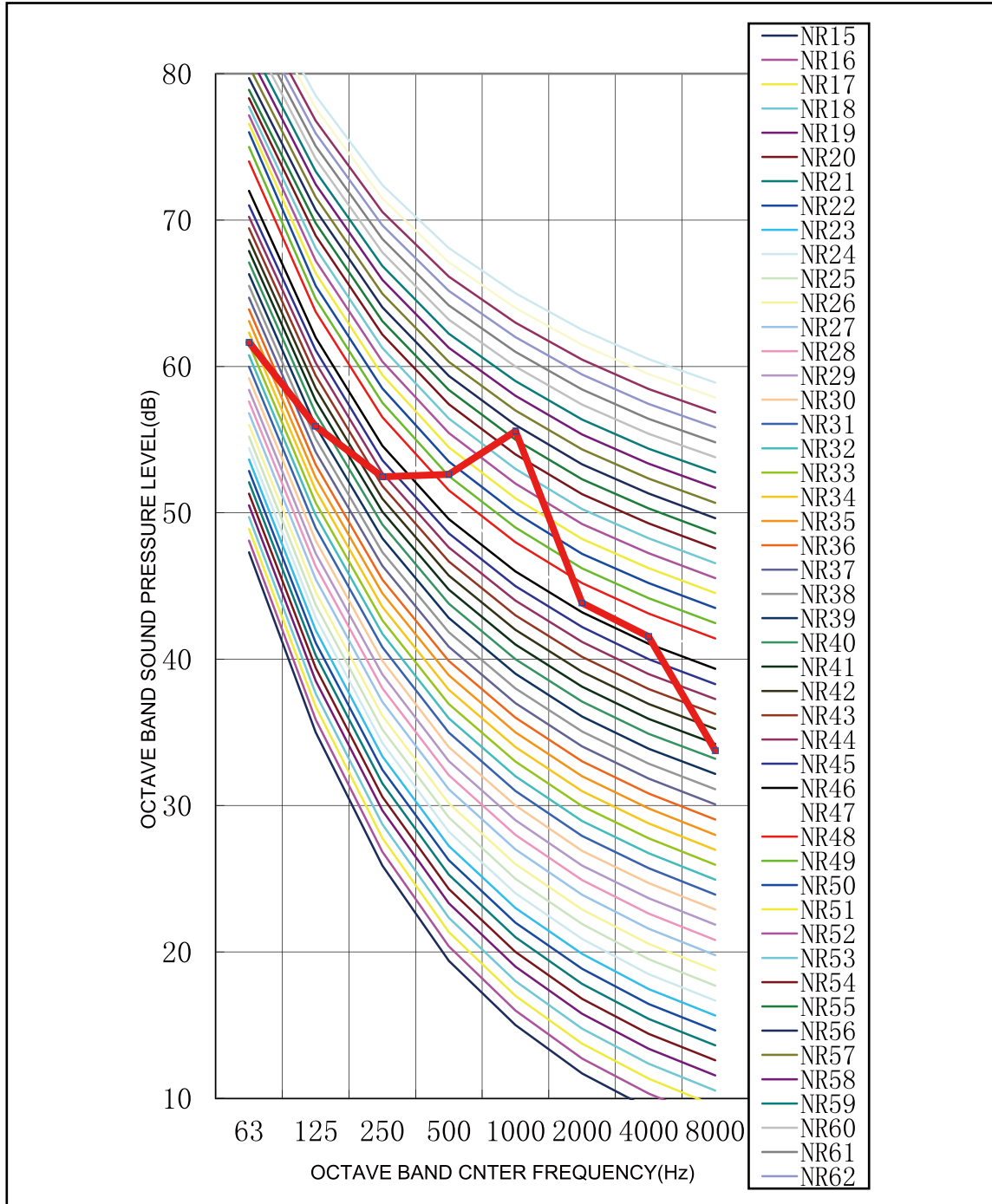
1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

3.dBA =A –weighted sound pressure level.

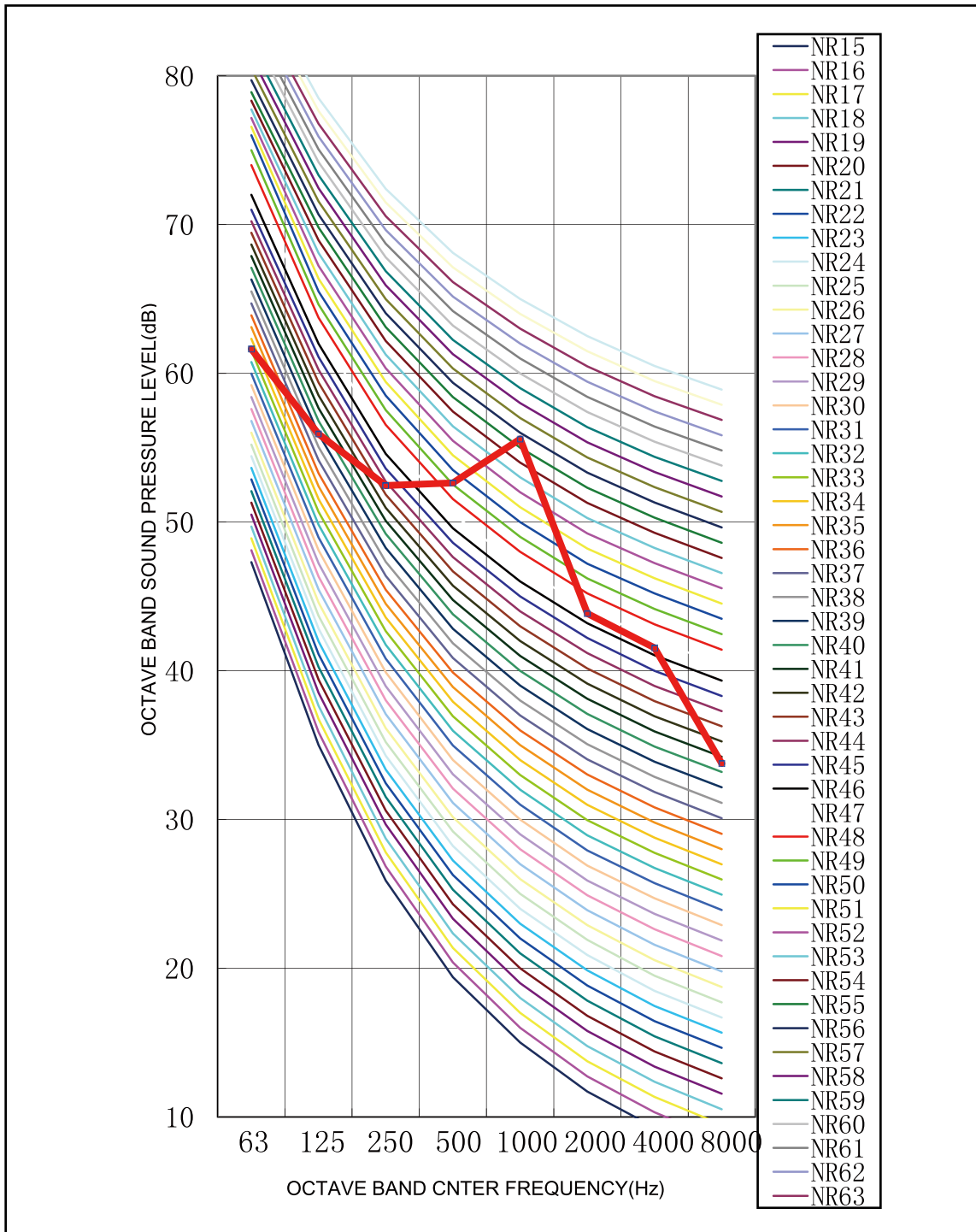
4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD140W/NhA-T, GUD140W/NhA-X
Cooling



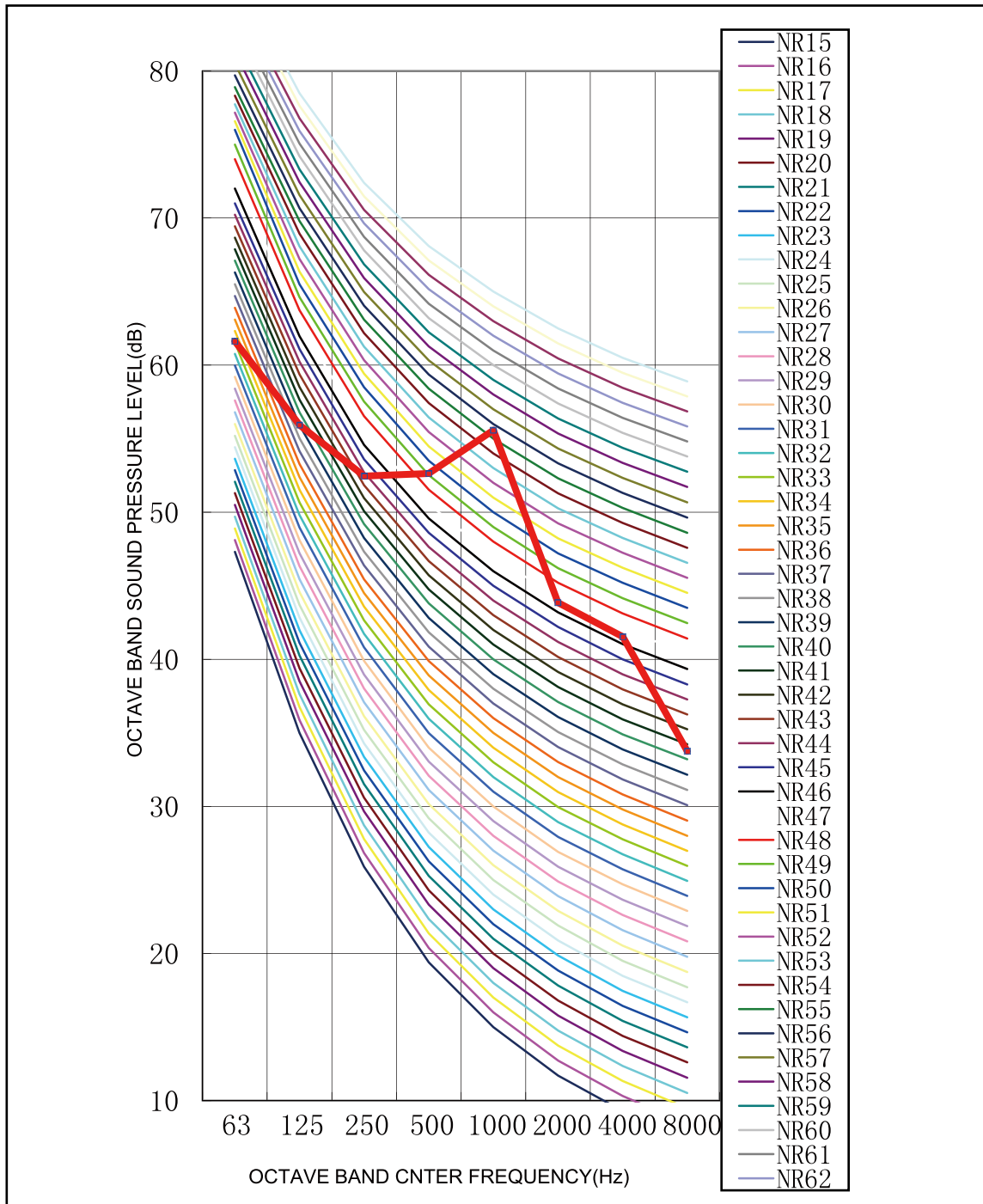
U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



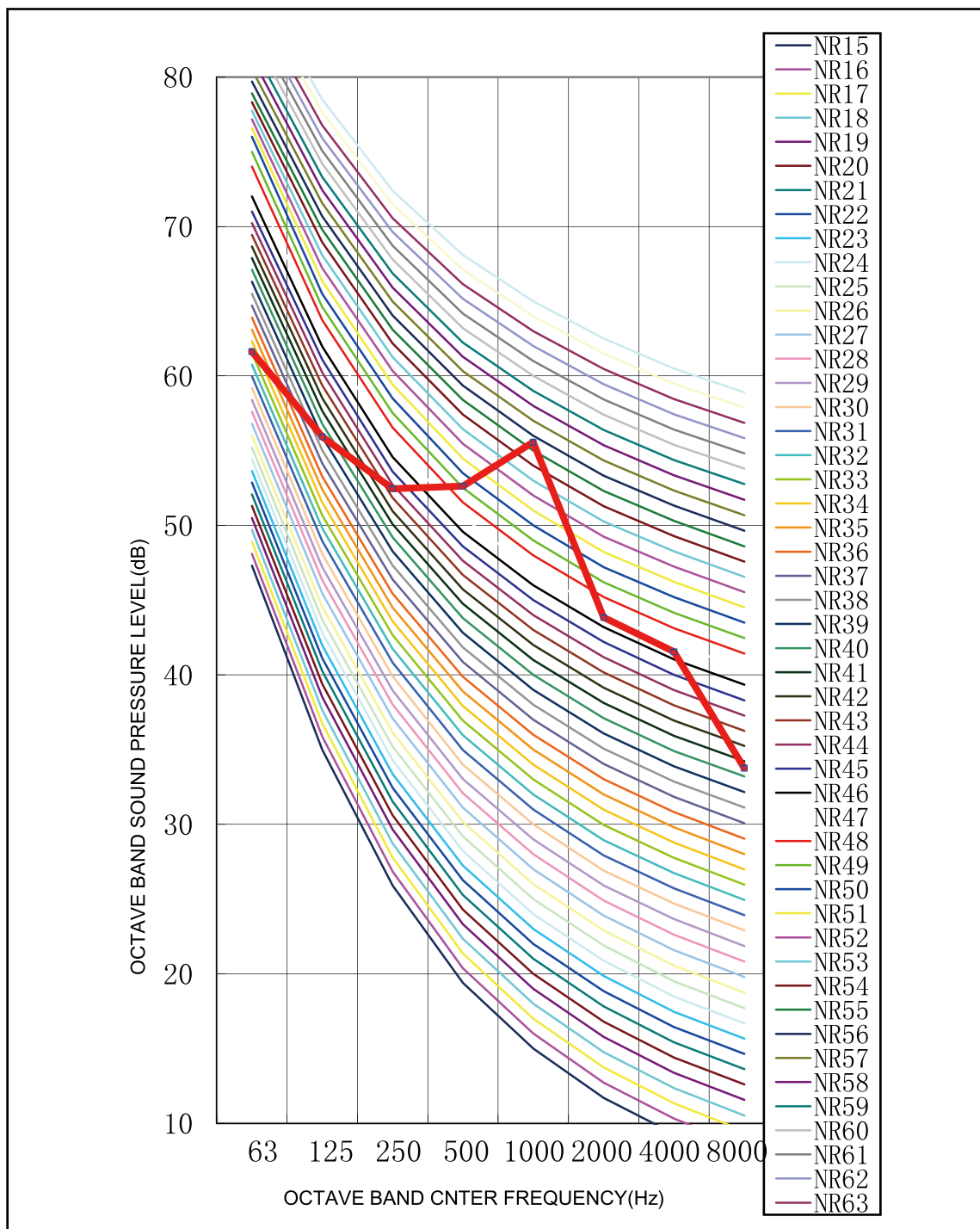
1. Data is valid at field condition.
2. Data is valid at nominal operation condition.
3. dBA = A-weighted sound pressure level.
4. Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

GUD160W/NhA-X
Cooling



U-Match 5 SERIES AIR CONDITIONERS TSG

Heating



1.Data is valid at field condition.

2.Data is valid at nominal operation condition.

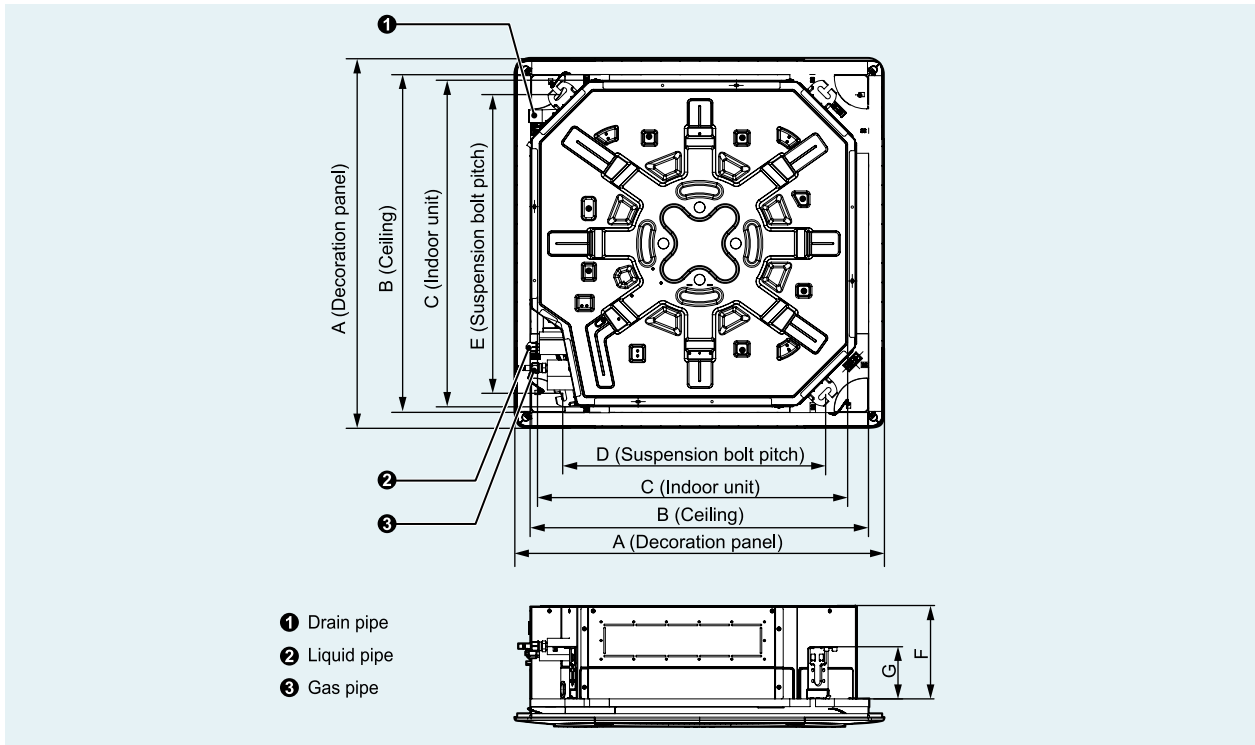
3.dBA =A –weighted sound pressure level.

4.Noise level curve NR: The International Organization for Standardization (ISO) evaluates the noise rating (NR) of the noise spectrum using a single value on the spectrum method (according to ISO 1996).

10 DIMENSIONS AND INSTALLATION SITE

➔ 10.1 Cassette Type

10.1.1 Dimensions



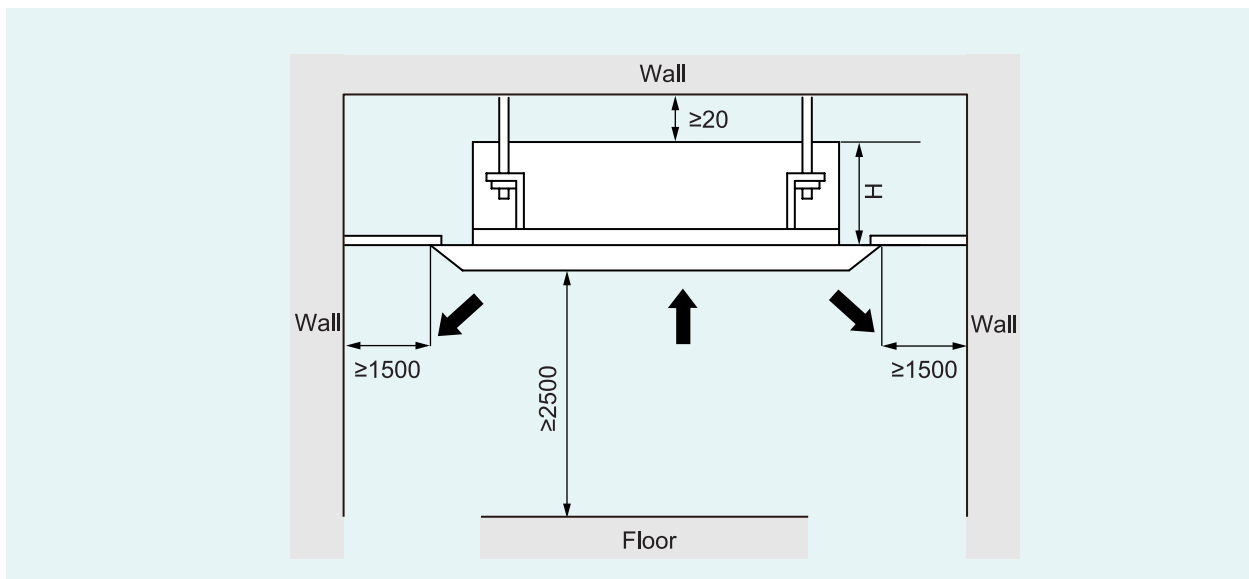
- ❶ Drain pipe
- ❷ Liquid pipe
- ❸ Gas pipe

Unit: mm

Model	A	B	C	D	E	F	G
GUD35T/A-T	620	580	570	520	560	265	170
GUD50T/A-T	620	580	570	520	560	265	170
GUD71T/A-T	950	870	840	660	790	240	165
GUD85T/A-T	950	870	840	660	790	240	165
GUD100T/A-T	950	870	840	660	790	240	165
GUD125T/A-T	950	870	840	660	790	290	165
GUD140T/A-T	950	870	840	660	790	290	165
GUD160T/A-T	950	870	840	660	790	290	165

U-Match 5 SERIES AIR CONDITIONERS TSG

10.1.2 Installation Location



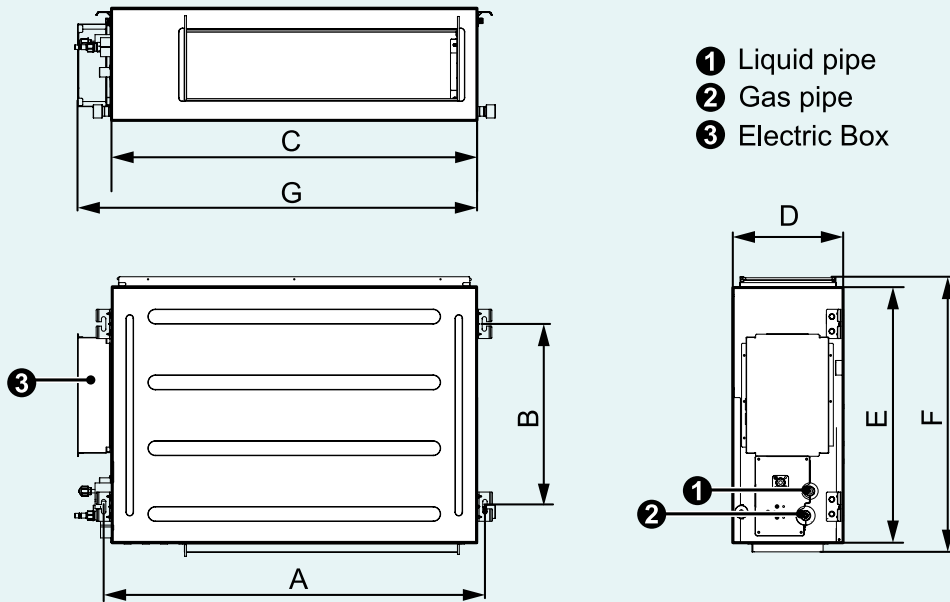
Unit: mm

Model	H
GUD35T/A-T	295
GUD50T/A-T	295
GUD71T/A-T	270
GUD85T/A-T	270
GUD100T/A-T	270
GUD125T/A-T	320
GUD140T/A-T	320
GUD160T/A-T	320

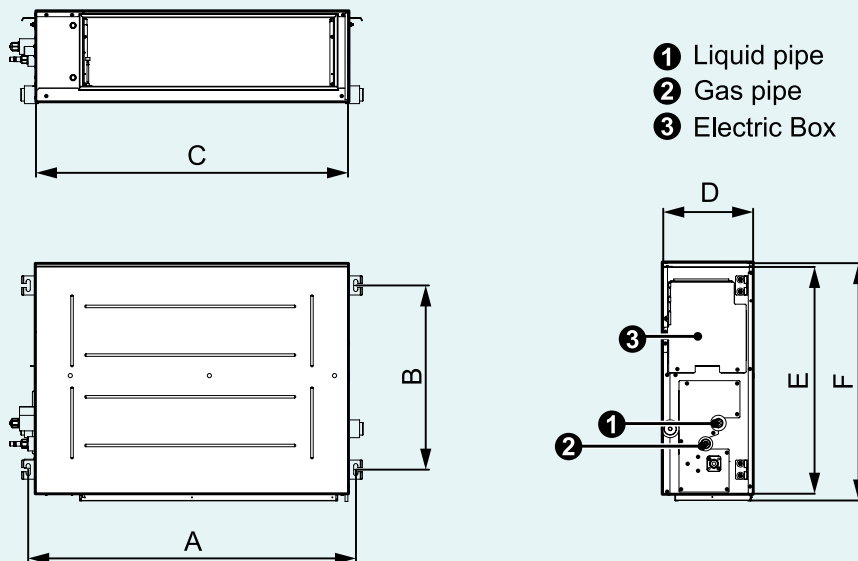
➔ 10.2 Duct Type

10.2.1 Dimensions

GUD35P/A-T, GUD35PS/A-T, GUD50P/A-T, GUD50PS/A-T, GUD71P/A-T, GUD71PS/A-T, GUD85P/A-T, GUD85PS/A-T, GUD100PH/A-T, GUD100PHS/A-T, GUD125PH/A-T, GUD125PHS/A-T, GUD140PH/A-T, GUD140PHS/A-T, GUD160PH/A-T, GUD160PHS/A-T.



GUD71PH/A-T, GUD71PHS/A-T, GUD85PH/A-T, GUD85PHS/A-T.



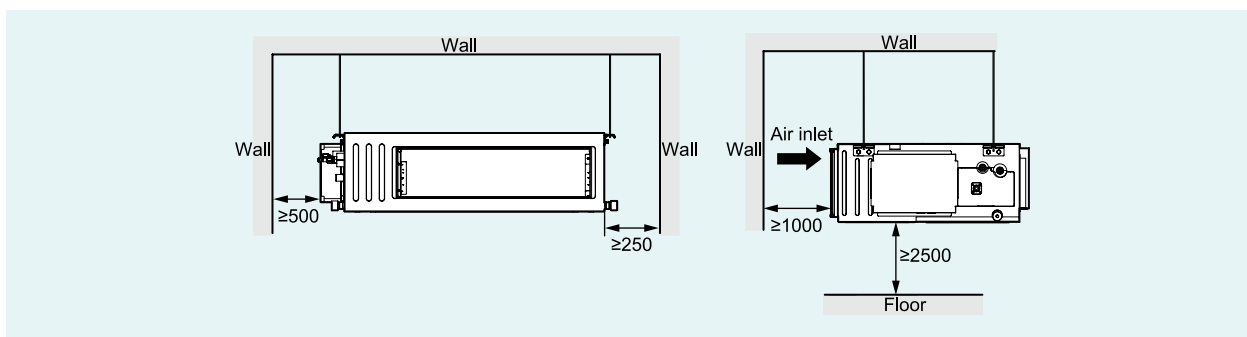
U-Match 5 SERIES AIR CONDITIONERS TSG

Unit: mm

Model	A	B	C	D	E	F	G
GUD35P/A-T	760	415	700	200	450	474	768
GUD35PS/A-T							
GUD50P/A-T	1060	415	1000	200	450	474	1068
GUD50PS/A-T							
GUD71P/A-T							
GUD71PS/A-T	1360	415	1300	220	450	474	1368
GUD85P/A-T							
GUD85PS/A-T							
GUD71PH/A-T							
GUD71PHS/A-T	942	530	900	260	655	685	—
GUD85PH/A-T							
GUD85PHS/A-T							
GUD100PH/A-T	1040	500	1000	300	700	754	1092
GUD100PHS/A-T							
GUD125PH/A-T							
GUD125PHS/A-T	1440	500	1400	300	700	754	1492
GUD140PH/A-T							
GUD140PHS/A-T							
GUD160PH/A-T	1440	500	1400	300	700	754	1543
GUD160PHS/A-T							

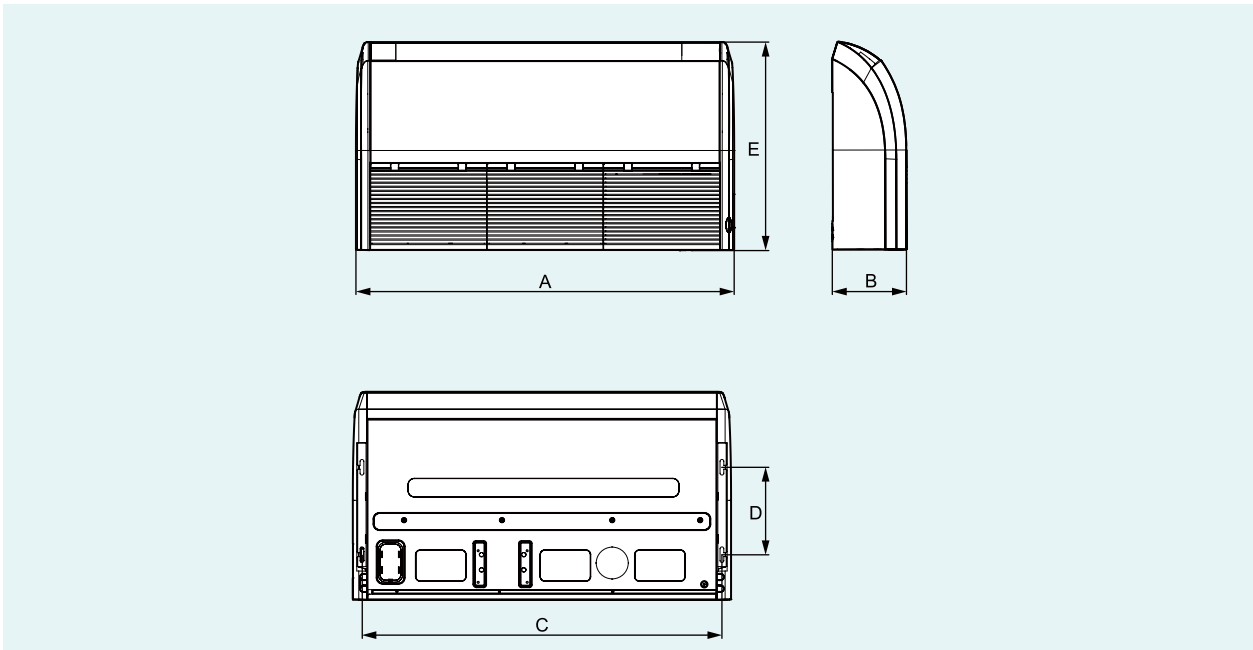
10.2.2 Installation Location

Unit: mm



➔ 10.3 Floor Ceiling Type

10.3.1 Dimensions



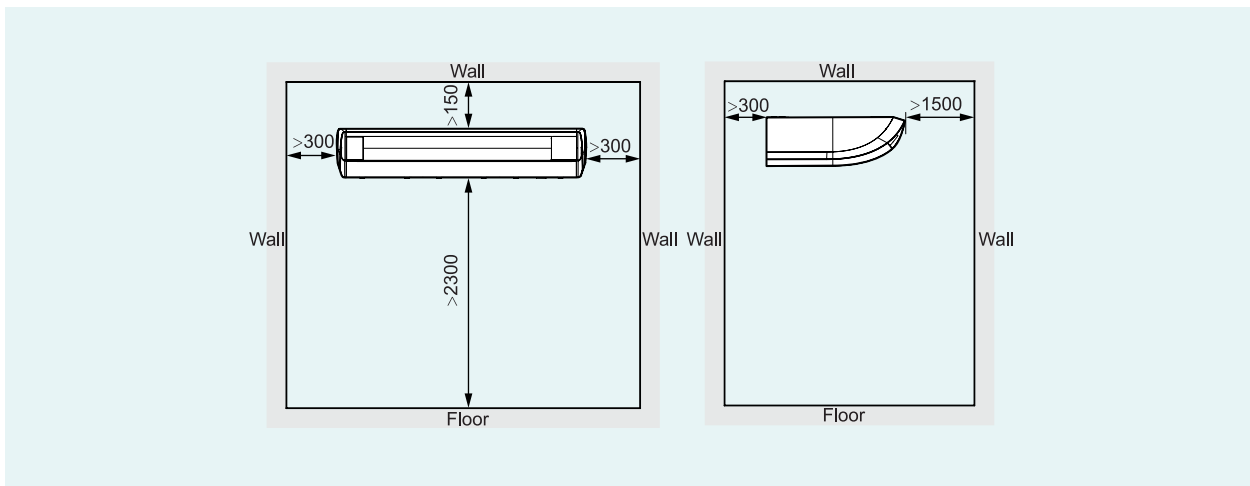
Unit: mm

Model	A	B	C	D	H
GUD35ZD/A-T	870	235	812	318	665
GUD50ZD/A-T	870	235	812	318	665
GUD71ZD/A-T	1200	235	1142	318	665
GUD85ZD/A-T	1200	235	1142	318	665
GUD100ZD/A-T	1200	235	1142	318	665
GUD125ZD/A-T	1570	235	1512	318	665
GUD140ZD/A-T	1570	235	1512	318	665
GUD160ZD/A-T	1570	235	1512	318	665

U-Match 5 SERIES AIR CONDITIONERS TSG

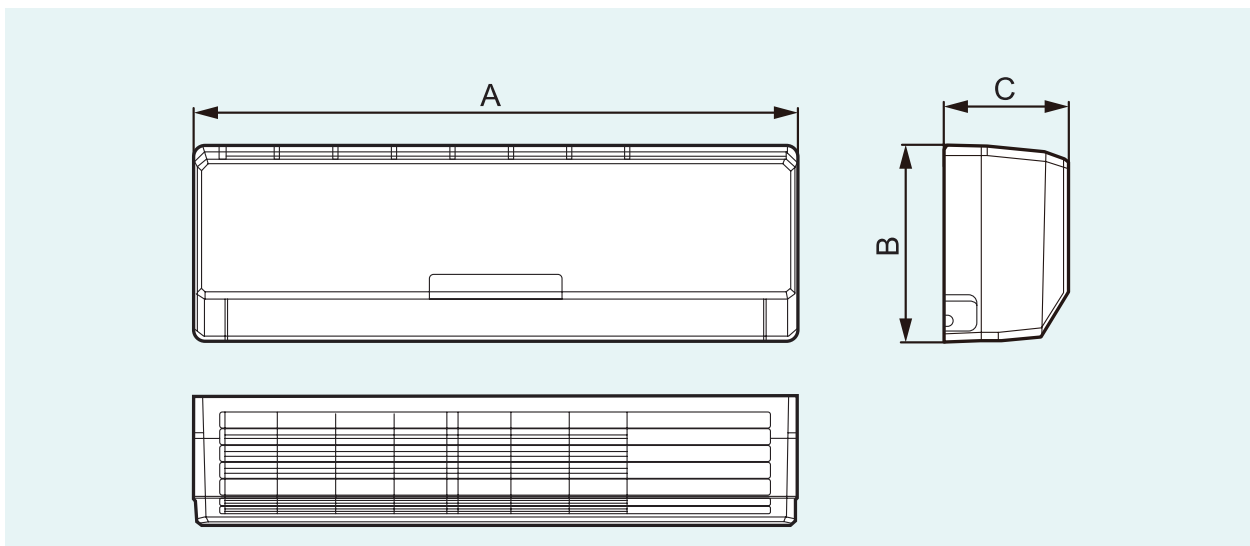
10.3.2 Installation Location

Unit: mm



➔ 10.4 Wall Mounted Type

10.4.1 Dimensions

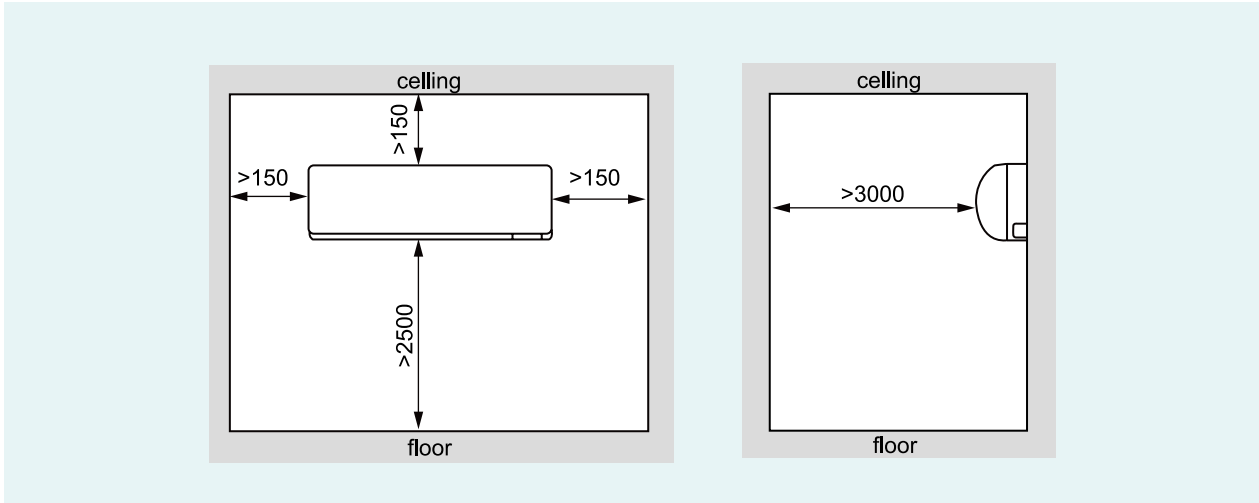


Unit: mm

Model	Dimensions	A	B	C
GUD71G/A-T		1078	325	246
GUD71G/A1-T		1078	325	246
GUD100G/A-T		1350	326	253
GUD100G/A1-T		1350	326	253

10.4.2 Installation Location

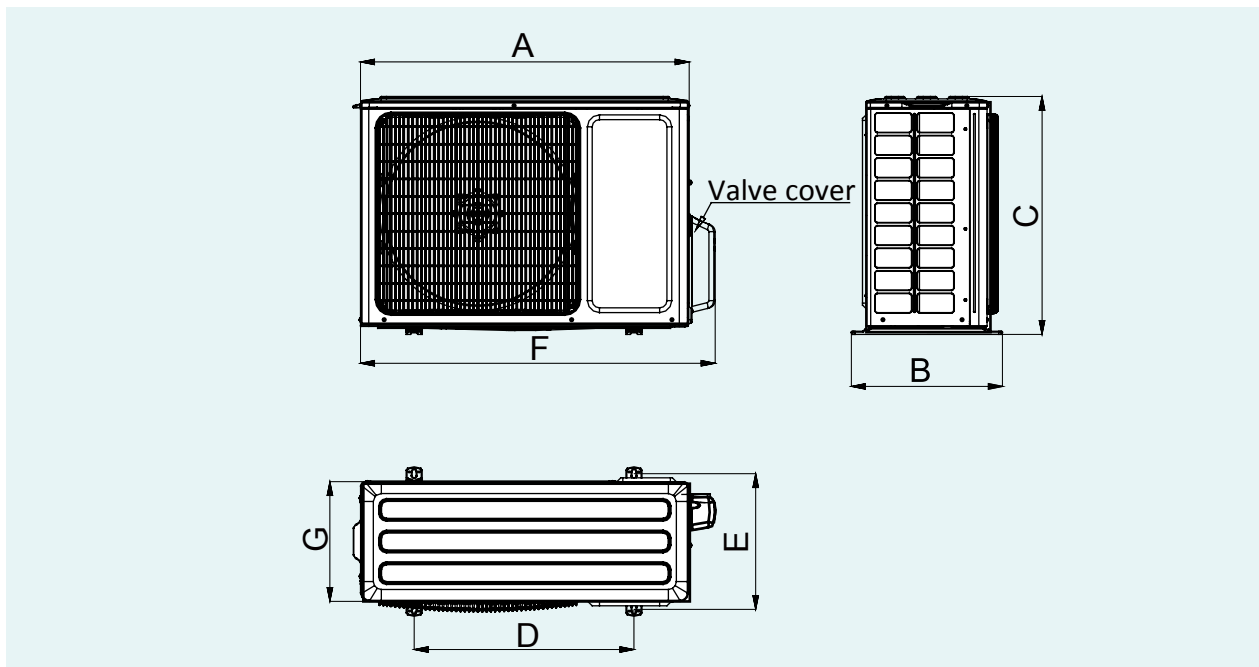
Unit: mm



10.5 Outdoor Unit

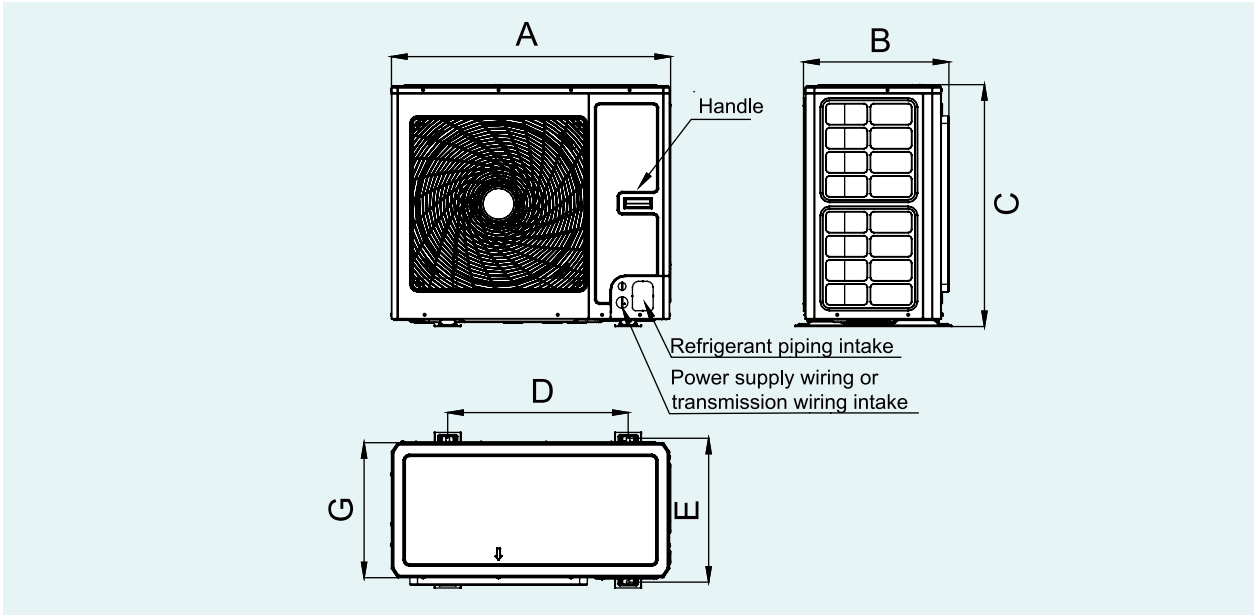
10.5.1 Dimensions

GUD35W/NhA-T, GUD50W/NhA-T, GUD71W/NhA-T, GUD85W/NhA-T

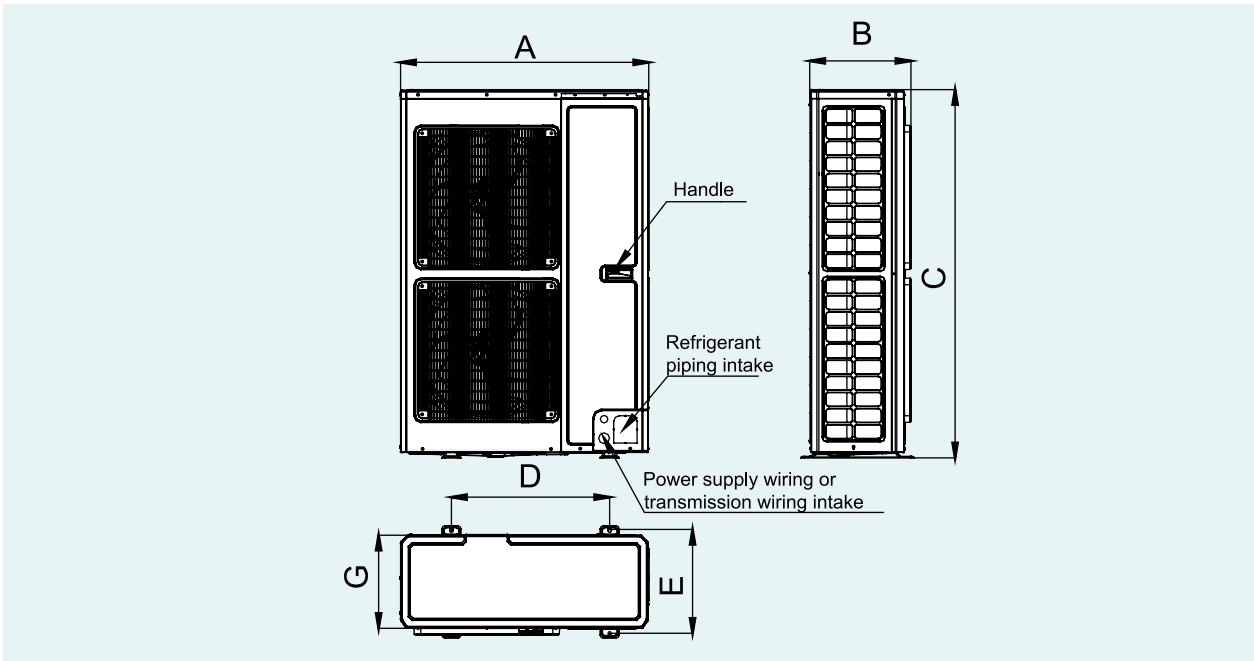


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GUD100W/NhA-T, GUD125W/NhA-T, GUD140W/NhA-T,
GUD100W/NhA-X, GUD125W/NhA-X, GUD140W/NhA-X



GUD160W/NhA-X



Unit: mm

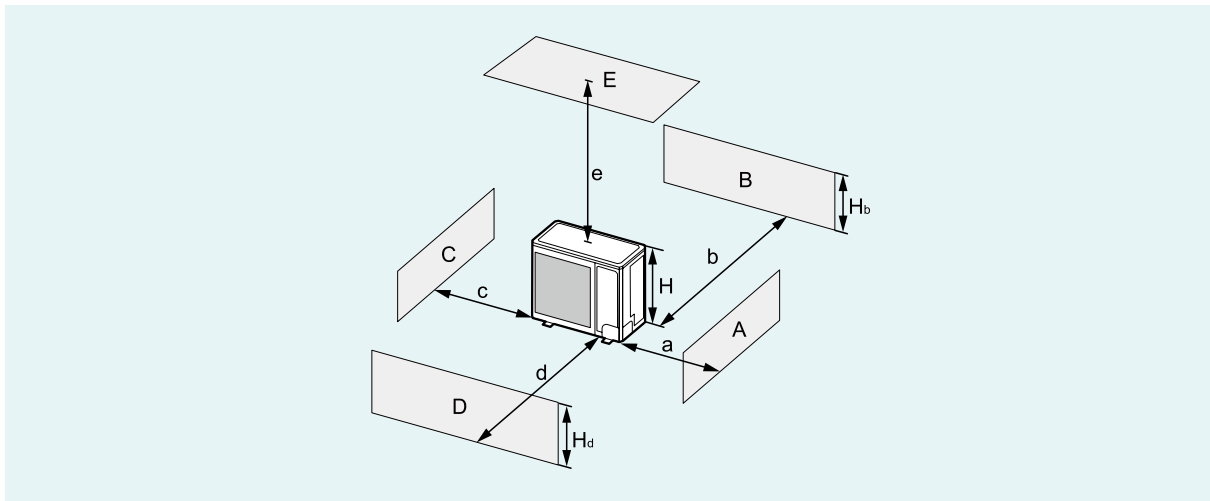
Model	Dimensions						
	A	B	C	D	E	F	G
GUD35W/NhA-T	818	378	596	550	348	887	302
GUD50W/NhA-T	818	378	596	550	348	887	302
GUD71W/NhA-T	892	396	698	560	364	952	340

Model	A	B	C	D	E	F	G
GUD85W/NhA-T	920	427	790	610	395	1002	370
GUD100W/NhA-T	940	530	820	610	486	/	460
GUD100W/NhA-X	940	530	820	610	486	/	460
GUD125W/NhA-T	940	530	820	610	486	/	460
GUD125W/NhA-X	940	530	820	610	486	/	460
GUD140W/NhA-T	940	530	820	610	486	/	460
GUD140W/NhA-X	940	530	820	610	486	/	460
GUD160W/NhA-X	900	412	1345	572	378	/	340

10.5.2 Installation Location

1). When one Outdoor Unit is to be installed.

Unit: mm

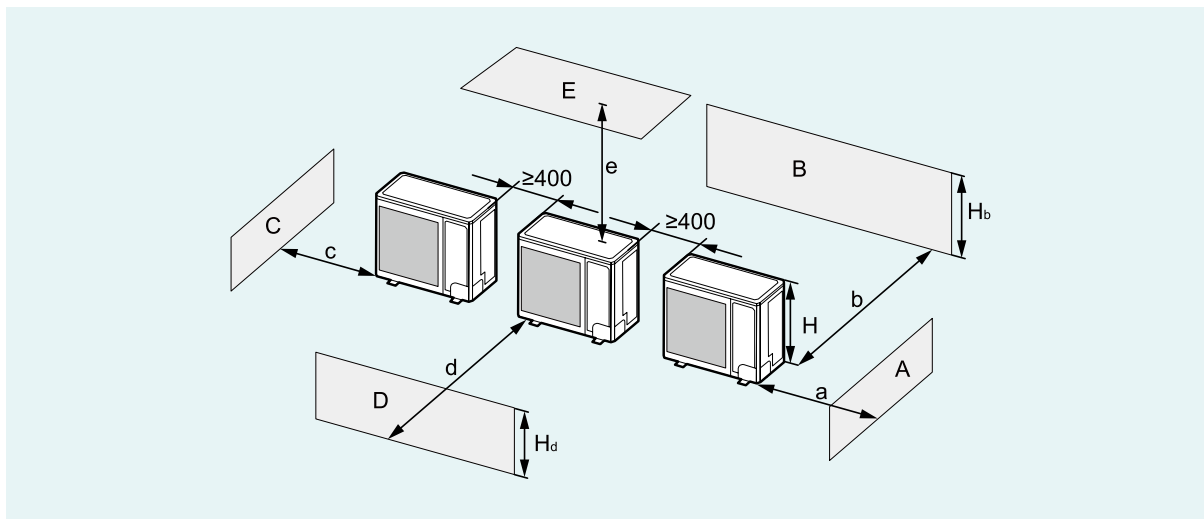


A~E	H_b H_d H		(mm)					
			a	b	c	d	e	
B	—		—	100	—	—	—	
A,B,C,	—		≥ 300	≥ 100	≥ 100	—	—	
B,E	—		—	≥ 100	—	—	≥ 1000	
A,B,C,E	—		≥ 300	≥ 150	≥ 150	—	≥ 1000	
D	—		—	—	—	≥ 1000	—	
D,E	—		—	—	—	≥ 1000	≥ 1000	
B,D	$H_b < H_d$	$H_d > H$	—	≥ 100	—	≥ 1000	—	
	$H_b > H_d$	$H_d < H$	—	≥ 100	—	≥ 1000	—	
B,D,E	$H_b < H_d$	$H_b \leq 1/2H$	—	≥ 250	—	≥ 2000	≥ 1000	
		$1/2H < H_b \leq H$	—	≥ 250	—	≥ 2000	≥ 1000	
		$H_b > H$	Prohibited					
	$H_b > H_d$	$H_d \leq 1/2H$	—	≥ 100	—	—	≥ 2000	≥ 1000
		$1/2H < H_d \leq H$	—	≥ 200	—	—	≥ 2000	≥ 1000
		$H_d > H$	Prohibited					

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2). When two or more Outdoor Units are to be installed side by side.

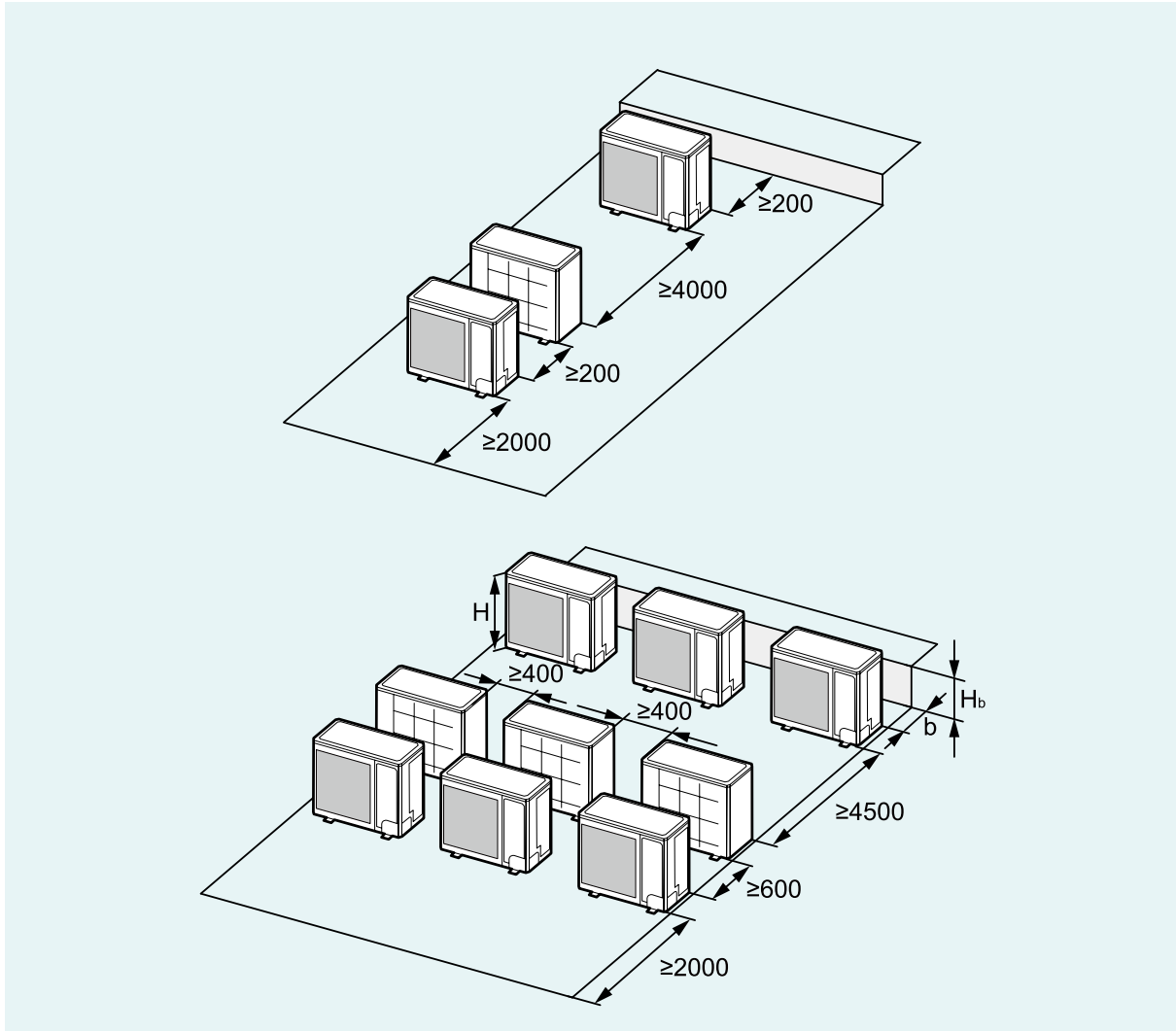
Unit: mm



A~E	H _b H _d H		(mm)				
			a	b	c	d	e
A,B,C	—		≥300	≥300	≥1000	—	—
A,B,C,E	—		≥300	≥300	≥1000	—	≥1000
D	—		—	—	—	≥2000	—
D,E	—		—	—	—	≥2000	≥1000
B,D	H _b <H _d	H _d >H	—	≥300	—	≥2000	—
	H _b >H _d	H _d ≤1/2H	—	≥250	—	≥2000	—
1/2 H<H _d ≤H		—	≥300	—	≥2500	—	
B,D,E	H _b <H _d	H _b ≤1/2H	—	≥300	—	≥2000	≥1000
		1/2H<H _b ≤H	—	≥300	—	≥2500	≥1000
		H _b >H	Prohibited				
	H _b >H _d	H _d ≤1/2 H	—	≥250	—	≥2500	≥1000
		1/2 H<H _d ≤H	—	≥300	—	≥2500	≥1000
		H _d >H	Prohibited				

3). When Outdoor Units are installed in rows.

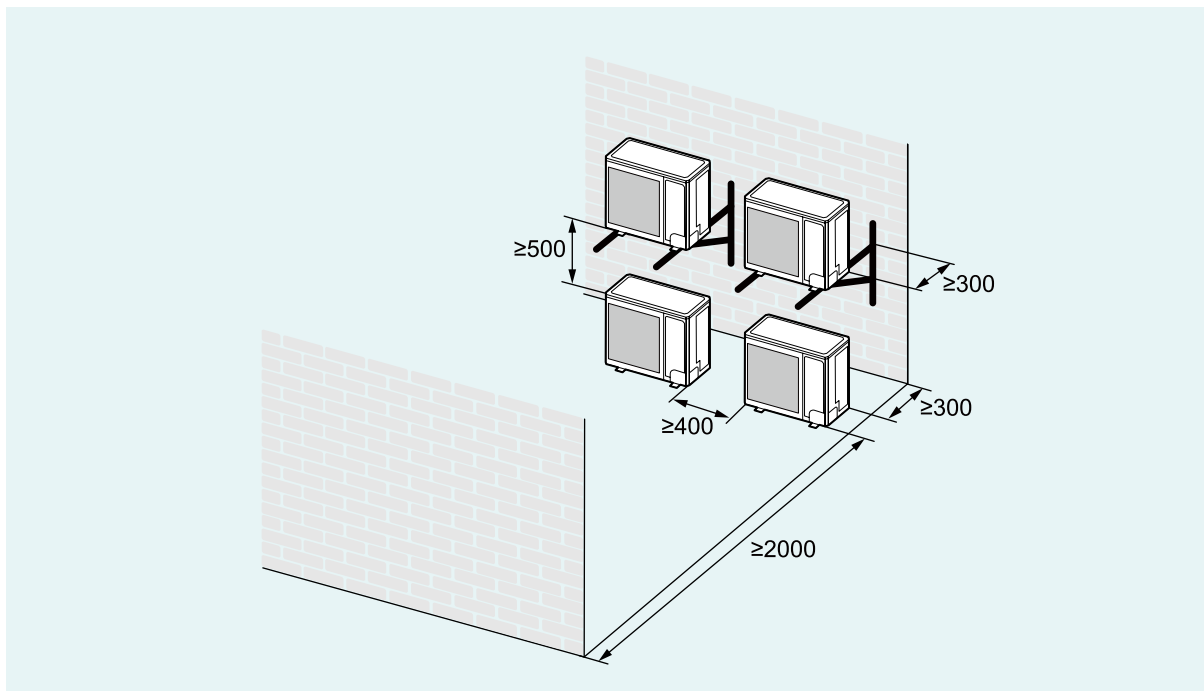
Unit: mm



H_b H	B(mm)
$H_b \leq 1/2H$	$b \geq 250$
$1/2H < H_b \leq H$	$b \geq 300$
$H_b > H$	Prohibited

4). When Outdoor Units are installed one above another.

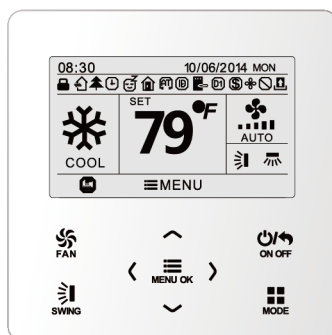
Unit: mm



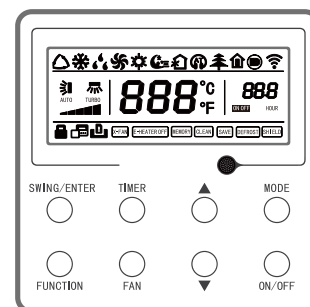
10.6 Controller



YAP1F6



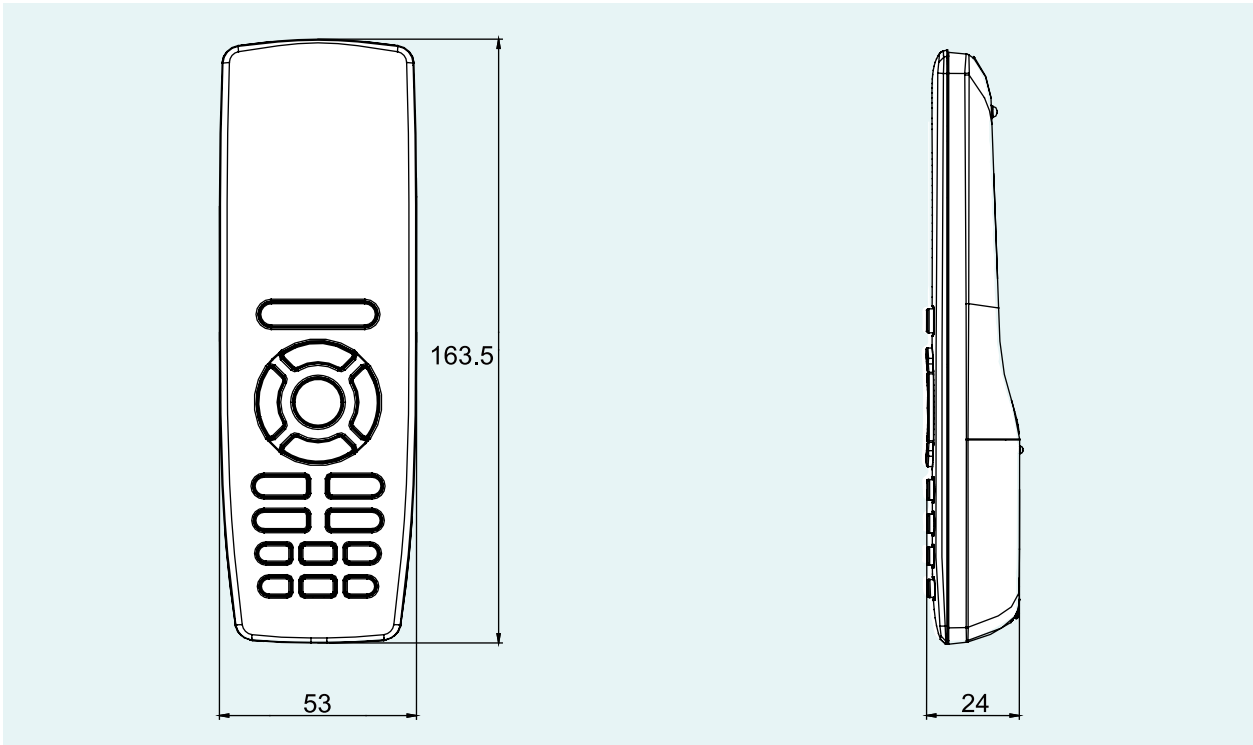
XE71-42/G



XK117

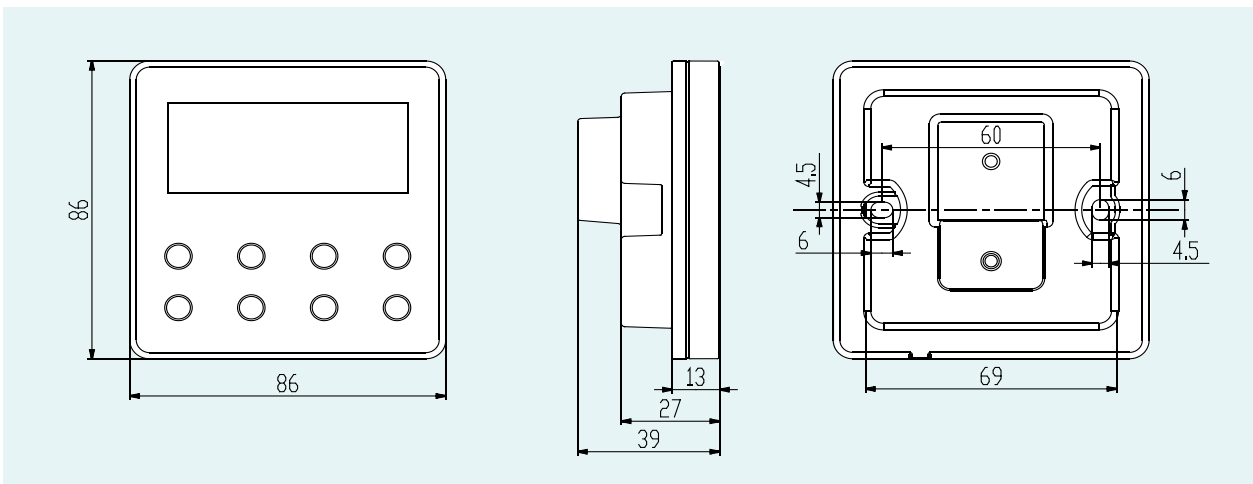
10.6.1 Dimensional Drawing of YAP1F6

Unit: mm



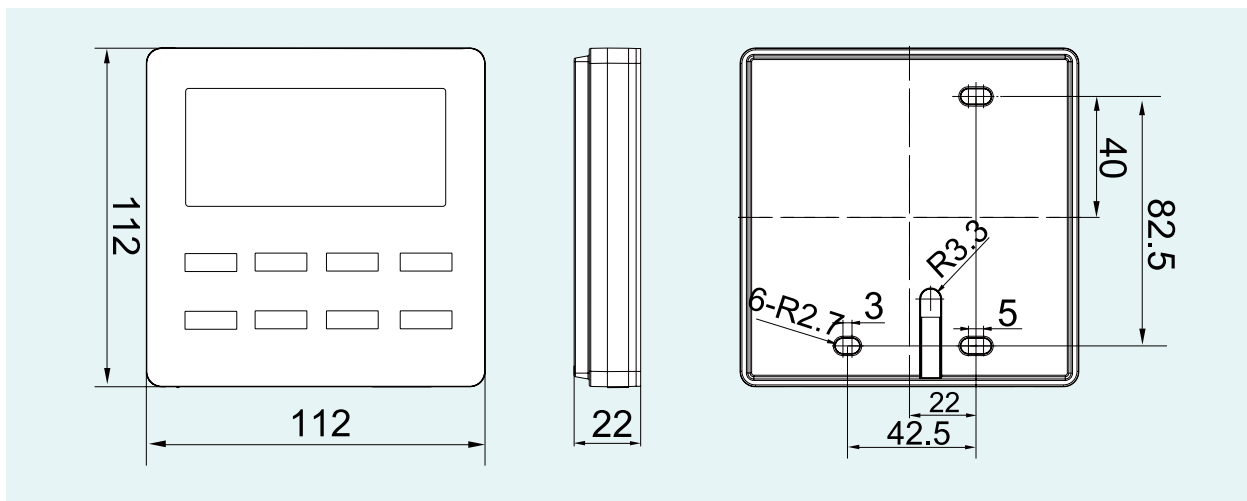
10.6.2 Dimensional Drawing of XK117

Unit: mm



10.6.3 Dimensional Drawing of XE71-42/G

Unit: mm



11 ELECTRICAL INSTALLATION



11.1 Electrical Parameters

Model	Power supply	Circuit breaker capacity	Min. sectional area of power cord
	V/Ph/Hz	A	mm ²
GUD35W/NhA-T	220-240V ~50Hz 208-230V ~60Hz	16	1.5
GUD50W/NhA-T		16	1.5
GUD71W/NhA-T		20	2.5
GUD85W/NhA-T		25	2.5
GUD100W/NhA-T		32	4.0
GUD125W/NhA-T		32	4.0
GUD140W/NhA-T		40	6.0
GUD100W/NhA-X	380-415V 3N~50Hz/60Hz	16	1.5
GUD125W/NhA-X		16	1.5
GUD140W/NhA-X		16	1.5
GUD160W/NhA-X		16	1.5

Model	Power supply	Fuse capacity	Circuit breaker capacity	Min. sectional area of power cord
	V/Ph/Hz	A	A	mm ²
Indoor unit	220-240V ~50Hz 208-230V ~60Hz	3.15	6	1.0

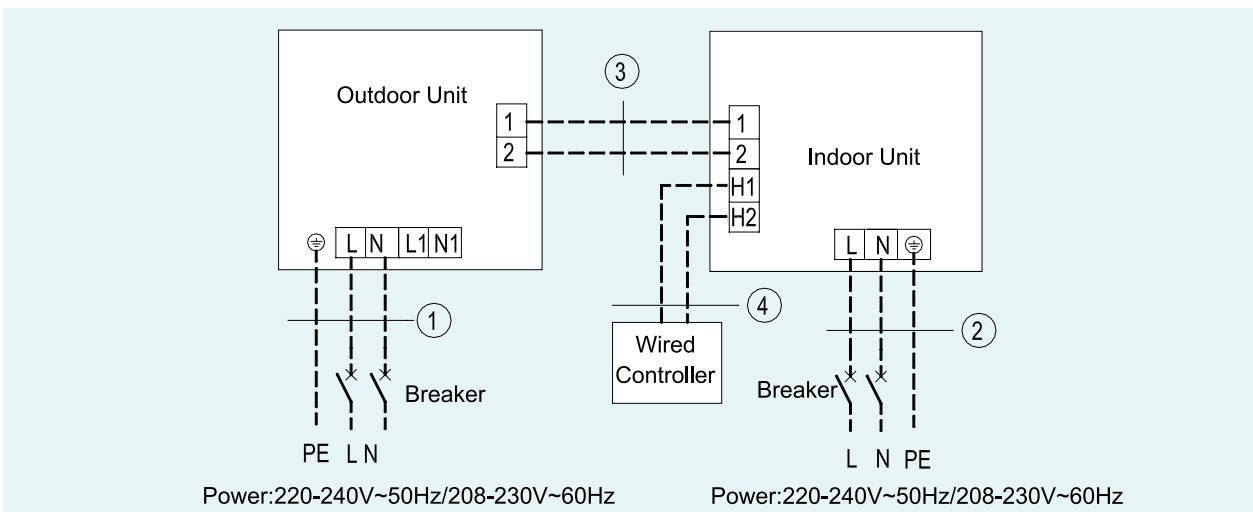
Notes:

1. Fuse is located on the main board.
2. Install a circuit breaker at every power terminal near the units (indoor and outdoor units) with at least 3mm contact gap.
3. Circuit breaker and power cord specifications listed in the above table are determined based on the maximum power input of the units.
4. Specifications of power cords listed in the above table are applicable in a working condition where ambient temperature is 40°C and multi-core copper cable (e.g. YJV copper cable, with insulated PE and PVC sheath) is protected by a conduit, and is resistant to 90°C in maximum (See IEC 60364-5-52). If working condition changes, please adjust the specifications according to applicable local standard.
5. Specifications of circuit breaker are based on a working condition where the working temperature is 40°C. If working condition changes, please adjust the specifications according to applicable local standard.
6. Adopt 2pcs of 0.75mm² power cords to be the communication cords between indoor and outdoor units. The maximum length is 100m. Please select a proper length according to local conditions. Communication cords must not be twisted together.
7. Adopt 2pcs of 0.75mm² power cords to be the communication cords between wired control and indoor unit. The maximum length is 30m. Please select a proper length according to local conditions. Communication cords must not be twisted together.
8. The wire gauge of communication cord should not be less than 0.75mm². It's recommended to use 0.75mm² power cords as the communication cords.

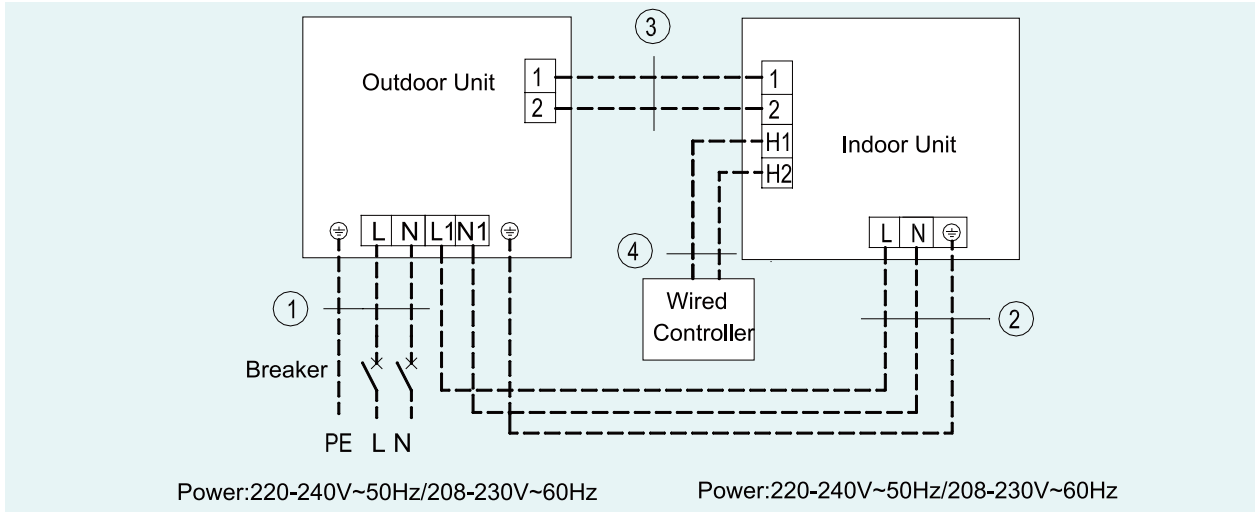
➔ 11.2 Wiring Diagram

11.2.1 Cassette Type

Single-phase unit: GUD35W/NhA-T, GUD50W/NhA-T, GUD71W/NhA-T, GUD85W/NhA-T.

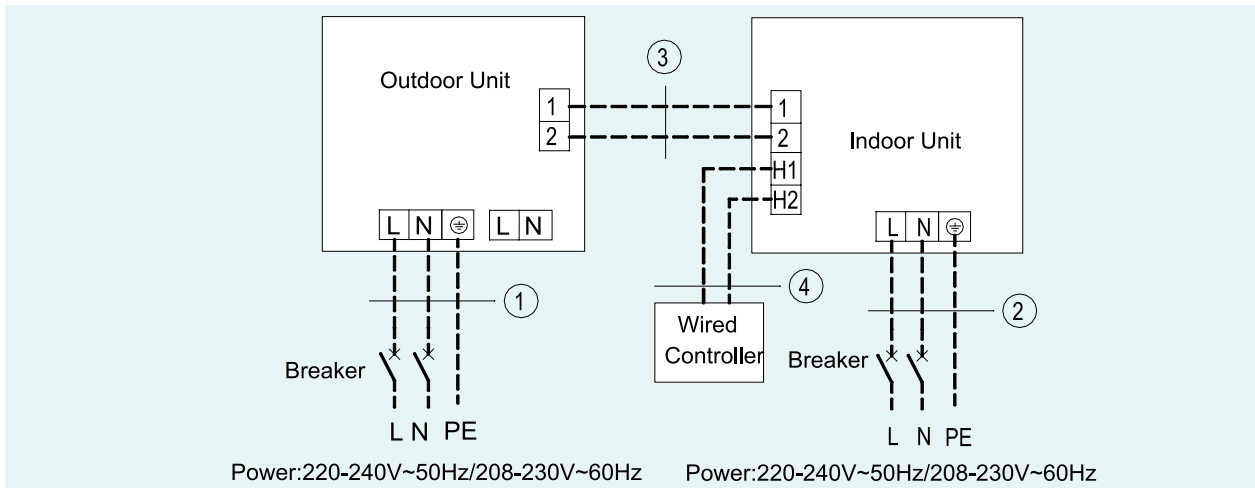


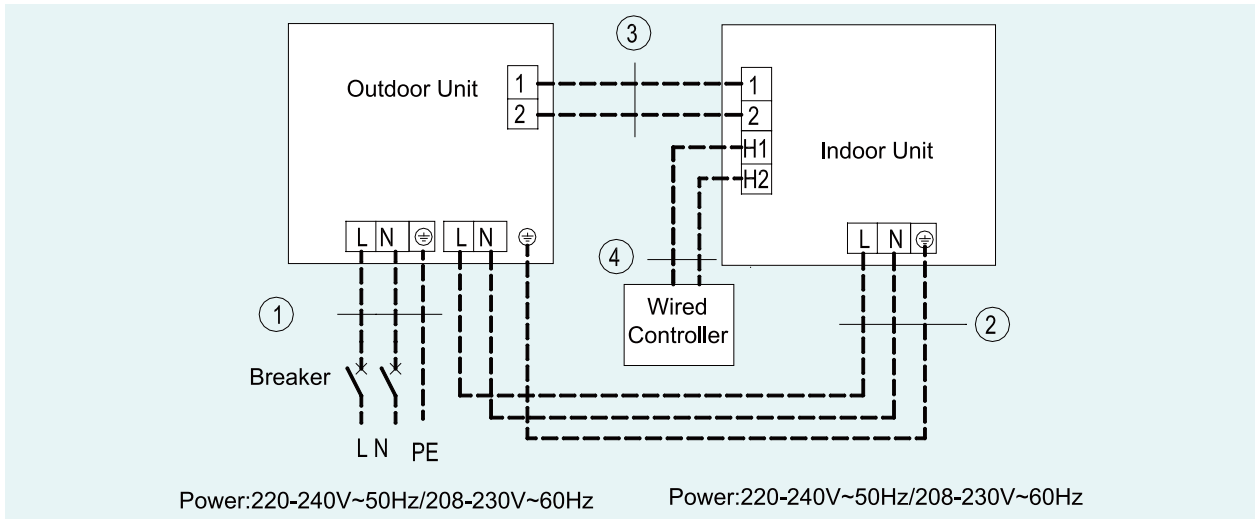
U-Match 5 SERIES AIR CONDITIONERS TSG



- GUD35T/A-T+GUD35W/NhA-T
- GUD50T/A-T+GUD50W/NhA-T
- 1. Power cords 3×1.5mm²
- 2. Power cords 3×1.0mm²
- 3. Communication cords 2×0.75mm²
- 4. Communication cords 2×0.75mm²
- GUD71T/A-T+GUD71W/NhA-T
- GUD85T/A-T+GUD85W/NhA-T
- 1. Power cords 3×2.5mm²
- 2. Power cords 3×1.0mm²
- 3. Communication cords 2×0.75mm²
- 4. Communication cords 2×0.75mm²

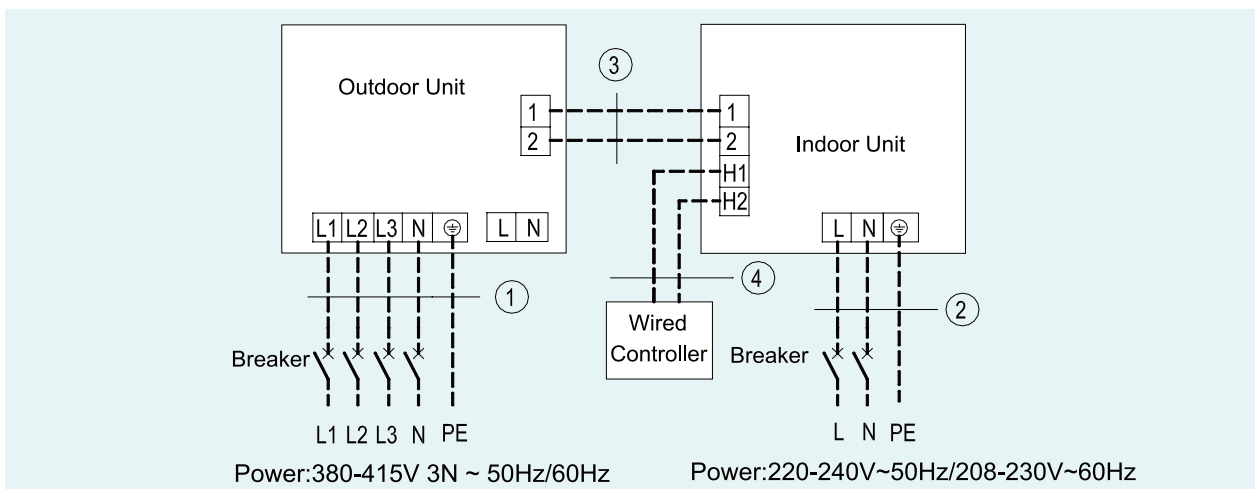
Single-phase unit: GUD100W/NhA-T, GUD125W/NhA-T, GUD140W/NhA-T.



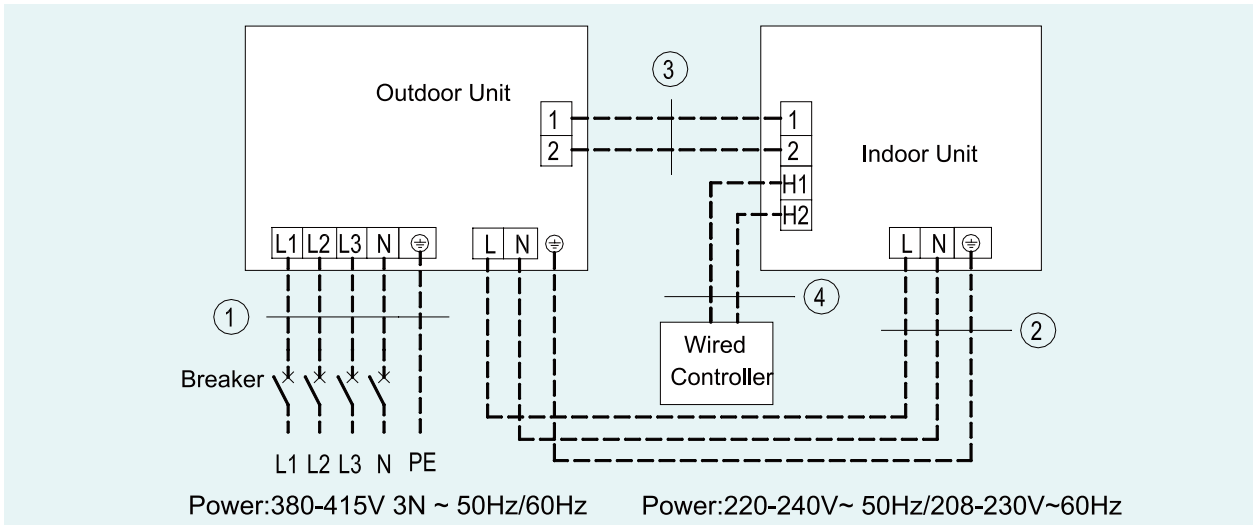


GUD100T/A-T+GUD100W/NhA-T
GUD125T/A-T+GUD125W/NhA-T
1. Power cords 3×4.0mm ²
2. Power cords 3×1.0mm ²
3. Communication cords 2×0.75mm ²
4. Communication cords 2×0.75mm ²
GUD140T/A-T+GUD140W/NhA-T
1. Power cords 3×6.0mm ²
2. Power cords 3×1.0mm ²
3. Communication cords 2×0.75mm ²
4. Communication cords 2×0.75mm ²

Three-phase unit: GUD100W/NhA-X, GUD125W/NhA-X, GUD140W/NhA-X, GUD160W/NhA-X.



U-Match 5 SERIES AIR CONDITIONERS TSG



GUD100T/A-T + GUD100W/NhA-X

GUD125T/A-T + GUD125W/NhA-X

GUD140T/A-T + GUD140W/NhA-X

GUD160T/A-T + GUD160W/NhA-X

1. Power cords $5 \times 1.5\text{mm}^2$

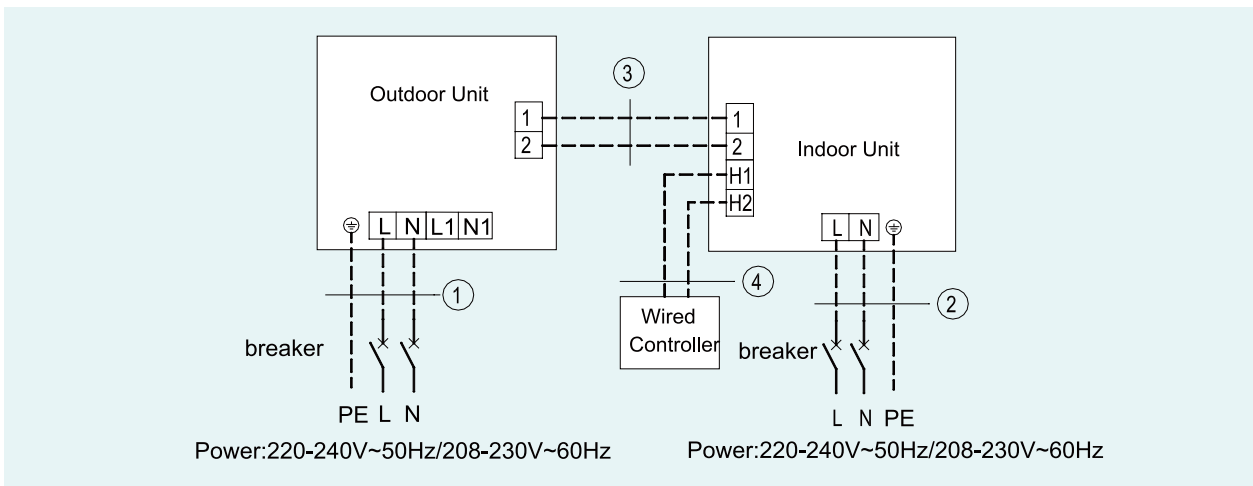
2. Power cords $3 \times 1.0\text{mm}^2$

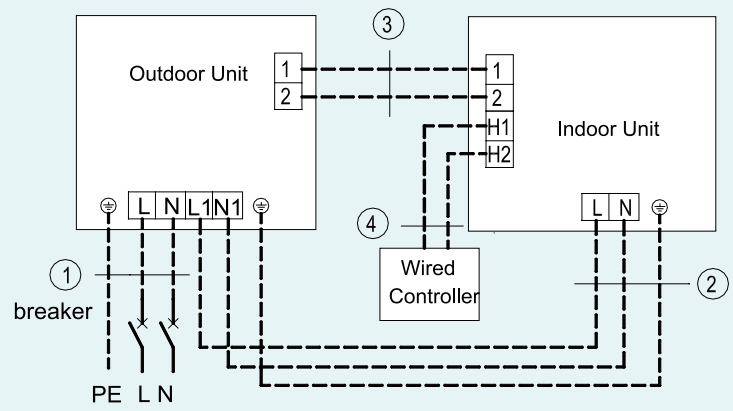
3. Communication cords $2 \times 0.75\text{mm}^2$

4. Communication cords $2 \times 0.75\text{mm}^2$

11.2.2 Duct Type

Single-phase unit: GUD35W/NhA-T, GUD50W/NhA-T, GUD71W/NhA-T, GUD85W/NhA-T.



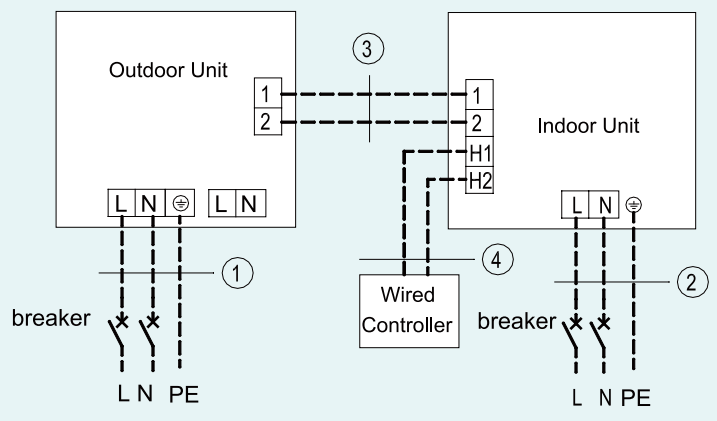


Power:220-240V~50Hz/208-230V~60Hz Power:220-240V~50Hz/208-230V~60Hz

- GUD35P/A-T+GUD35W/NhA-T, GUD35PS/A-T+GUD35W/NhA-T
- GUD50P/A-T+GUD50W/NhA-T, GUD50PS/A-T+GUD50W/NhA-T
- 1. Power cords 3×1.5mm²
- 2. Power cords 3×1.0mm²
- 3. Communication cords 2×0.75mm²
- 4. Communication cords 2×0.75mm²

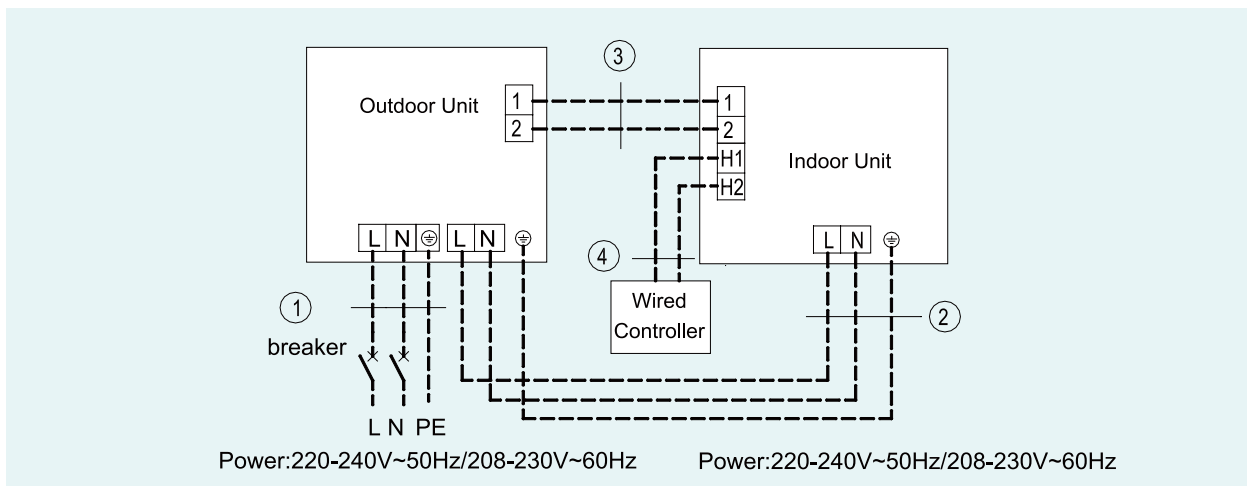
- GUD71P/A-T+GUD71W/NhA-T, GUD71PS/A-T+GUD71W/NhA-T
- GUD71PH/A-T+GUD71W/NhA-T, GUD71PHS/A-T+GUD71W/NhA-T
- GUD85P/A-T+GUD85W/NhA-T, GUD85PS/A-T+GUD85W/NhA-T
- GUD85PH/A-T+GUD85W/NhA-T, GUD85PHS/A-T+GUD85W/NhA-T
- 1. Power cords 3×2.5mm²
- 2. Power cords 3×1.0mm²
- 3. Communication cords 2×0.75mm²
- 4. Communication cords 2×0.75mm²

Single-phase unit: GUD100W/NhA-T, GUD125W/NhA-T, GUD140W/NhA-T.



Power:220-240V~50Hz/208-230V~60Hz Power:220-240V~50Hz/208-230V~60Hz

U-Match 5 SERIES AIR CONDITIONERS TSG



GUD100PH/A-T+GUD100W/NhA-T, GUD100PHS/A-T+GUD100W/NhA-T

GUD125PH/A-T+GUD125W/NhA-T, GUD125PHS/A-T+GUD125W/NhA-T

1. Power cords 3×4.0mm²

2. Power cords 3×1.0mm²

3. Communication cords 2×0.75mm²

4. Communication cords 2×0.75mm²

GUD140PH/A-T+GUD140W/NhA-T, GUD140PHS/A-T+GUD140W/NhA-T

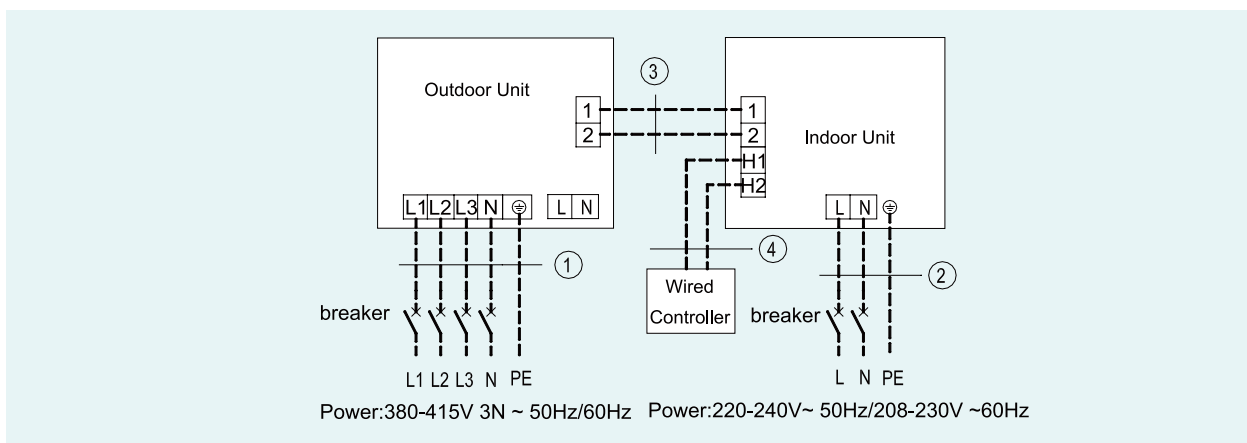
1. Power cords 3×6.0mm²

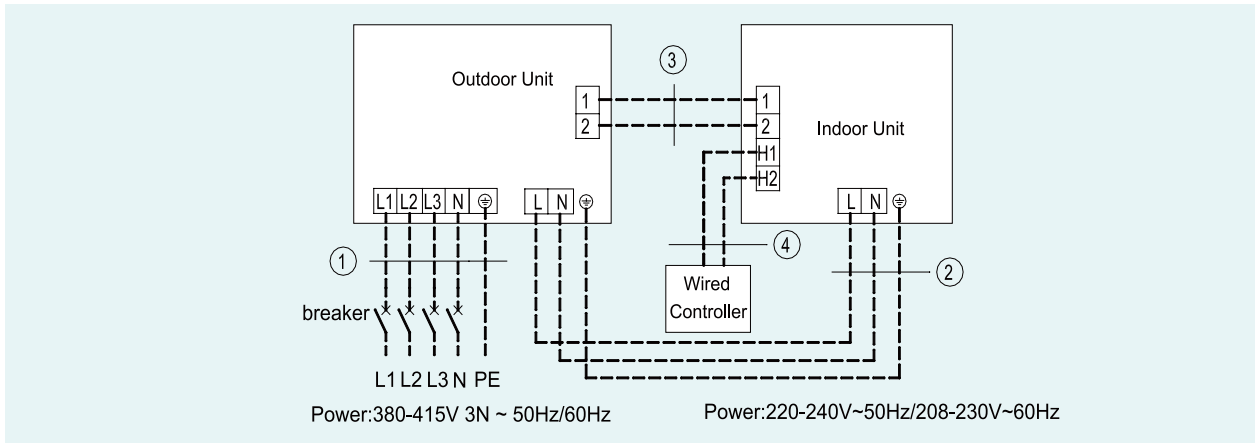
2. Power cords 3×1.0mm²

3. Communication cords 2×0.75mm²

4. Communication cords 2×0.75mm²

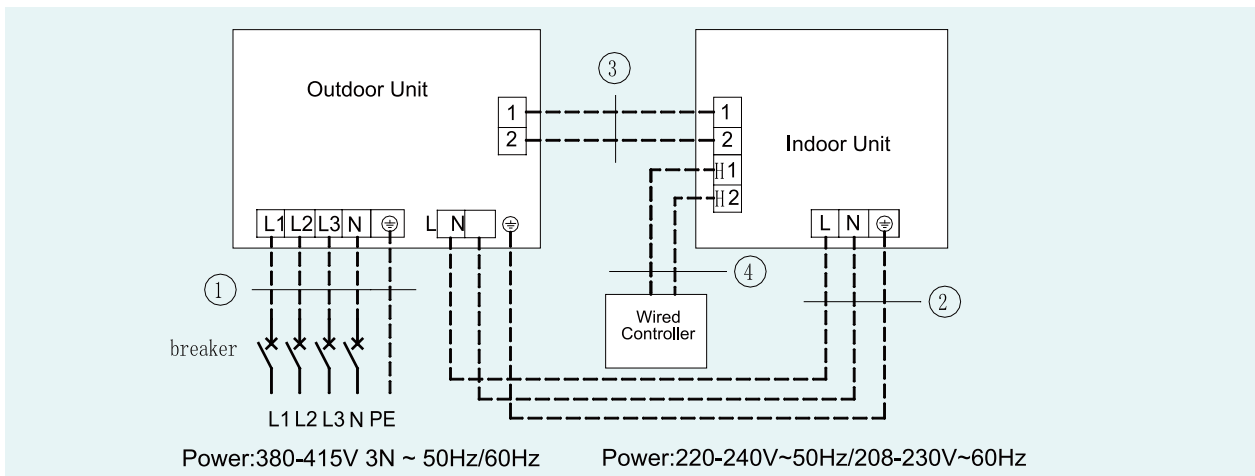
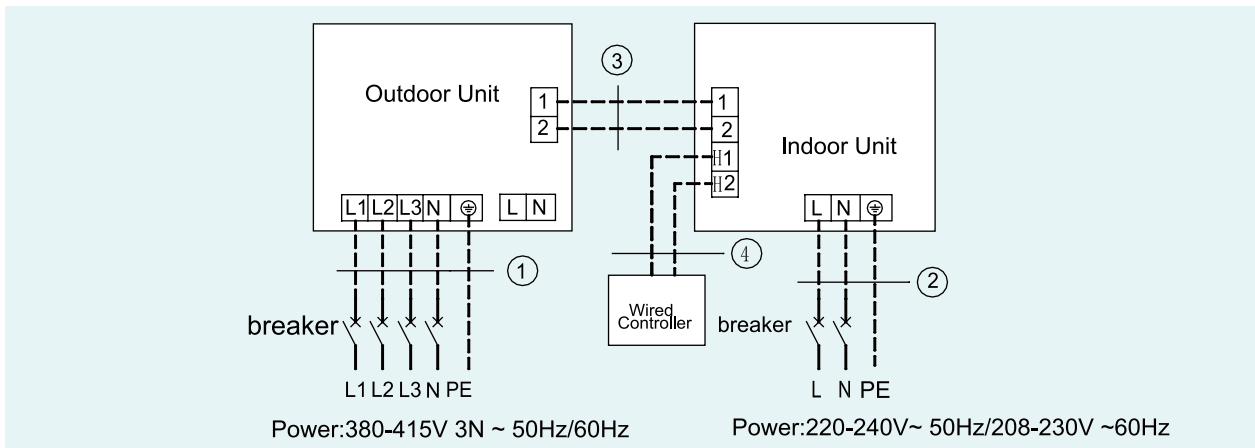
Three-phase unit: GUD100W/NhA-X, GUD125W/NhA-X, GUD140W/NhA-X.





- GUD100PH/A-T+GUD100W/NhA-X, GUD100PHS/A-T+GUD100W/NhA-X
- GUD125PH/A-T+GUD125W/NhA-X, GUD125PHS/A-T+GUD125W/NhA-X
- GUD140PH/A-T+GUD140W/NhA-X, GUD140PHS/A-T+GUD140W/NhA-X
- 1. Power cords 5×1.5mm²
- 2. Power cords 3×1.0mm²
- 3. Communication cords 2×0.75mm²
- 4. Communication cords 2×0.75mm²

Three-phase unit: GUD160W/NhA-X.



U-Match 5 SERIES AIR CONDITIONERS TSG

GUD160PH/A-T +GUD160W/NhA-X,
GUD160PHS/A-T +GUD160W/NhA-X

1. Power cords 5×1.5mm²

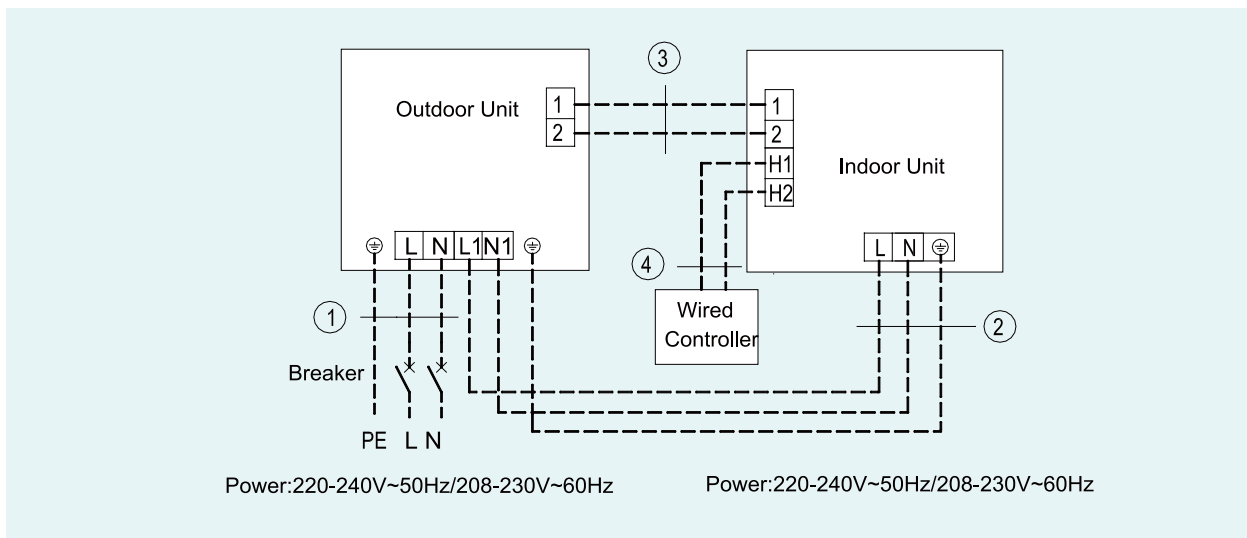
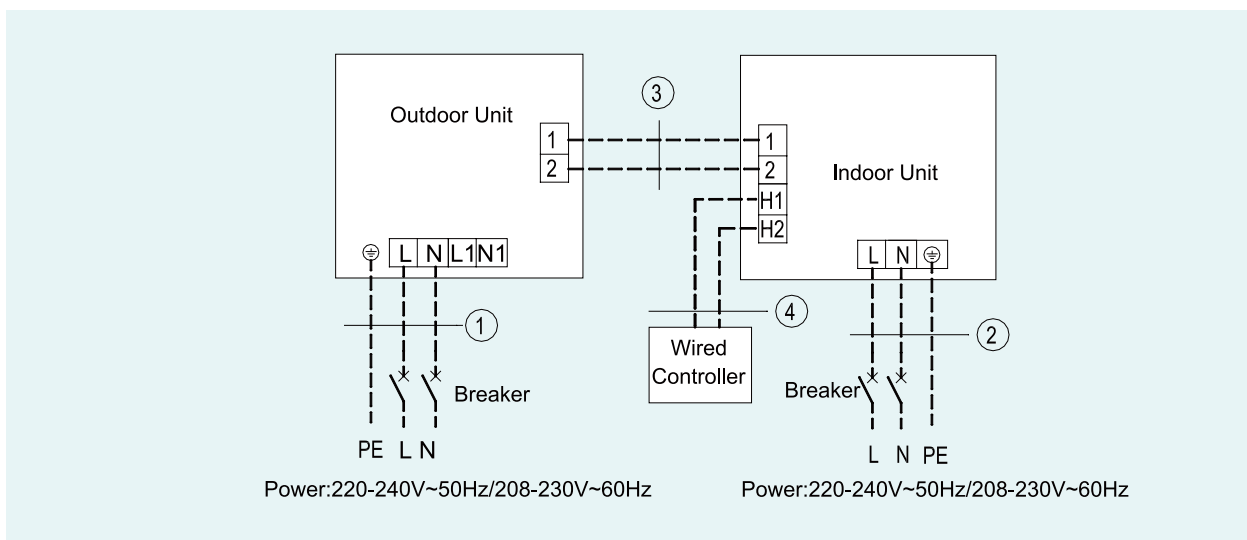
2. Power cords 3×1.0mm²

3. Communication cords 2×0.75mm²

4. Communication cords 2×0.75mm²

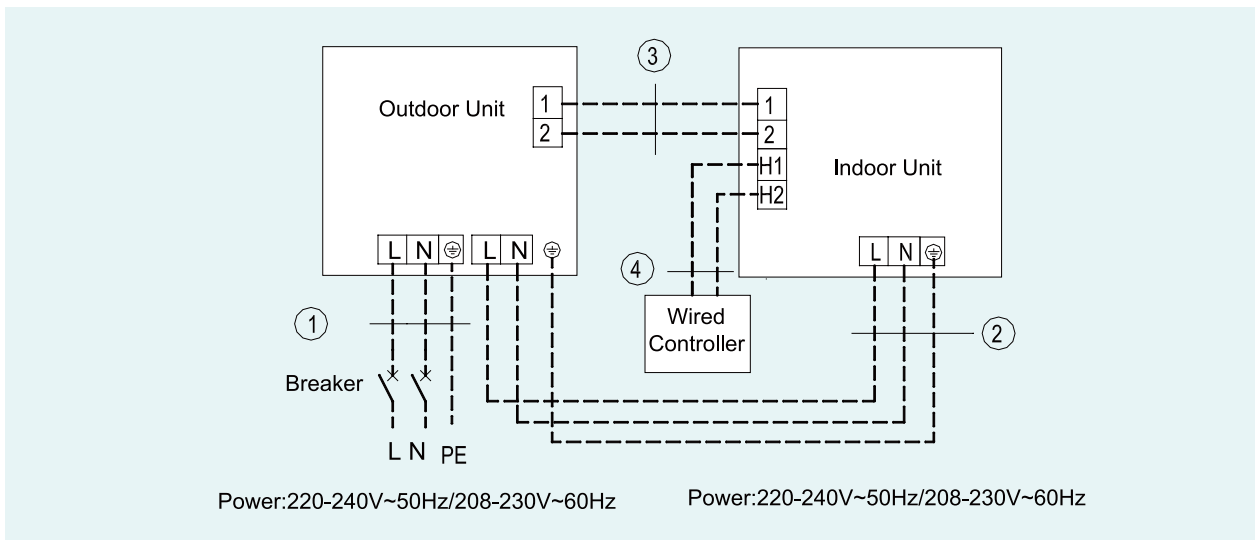
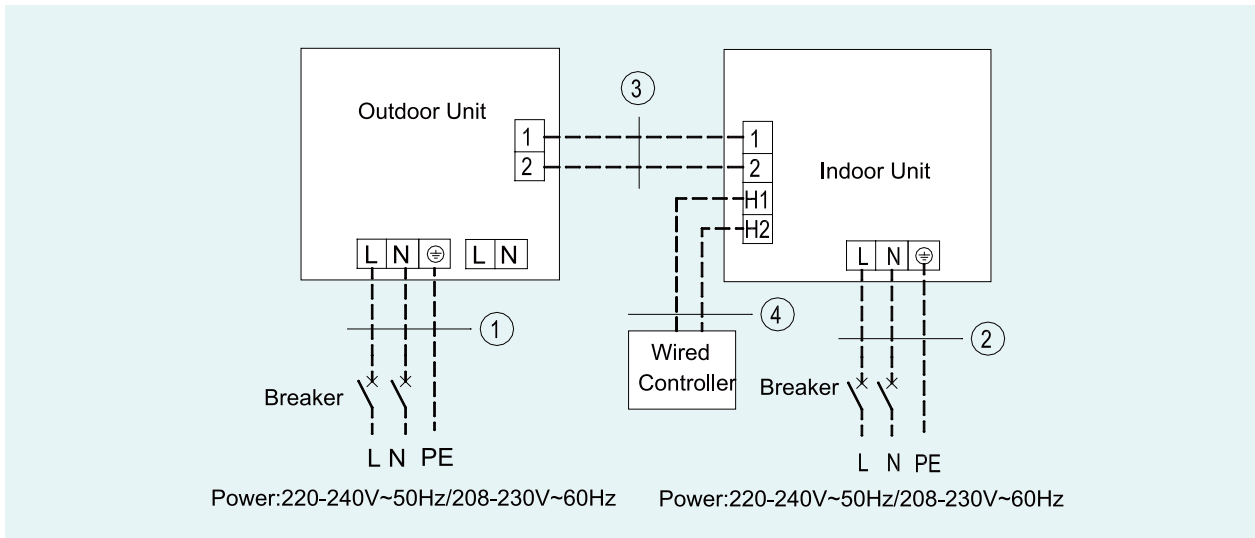
11.2.3 Floor Ceiling Type

Single-phase unit : GUD35W/NhA-T, GUD50W/NhA-T, GUD71W/NhA-T, GUD85W/NhA-T



GUD35ZD/A-T+GUD35W/NhA-T
GUD50ZD/A-T+GUD50W/NhA-T
1. Power cords 3×1.5mm ²
2. Power cords 3×1.0mm ²
3. Communication cords 2×0.75mm ²
4. Communication cords 2×0.75mm ²
GUD71ZD/A-T+GUD71W/NhA-T
GUD85ZD/A-T+GUD85W/NhA-T
1. Power cords 3×2.5mm ²
2. Power cords 3×1.0mm ²
3. Communication cords 2×0.75mm ²
4. Communication cords 2×0.75mm ²

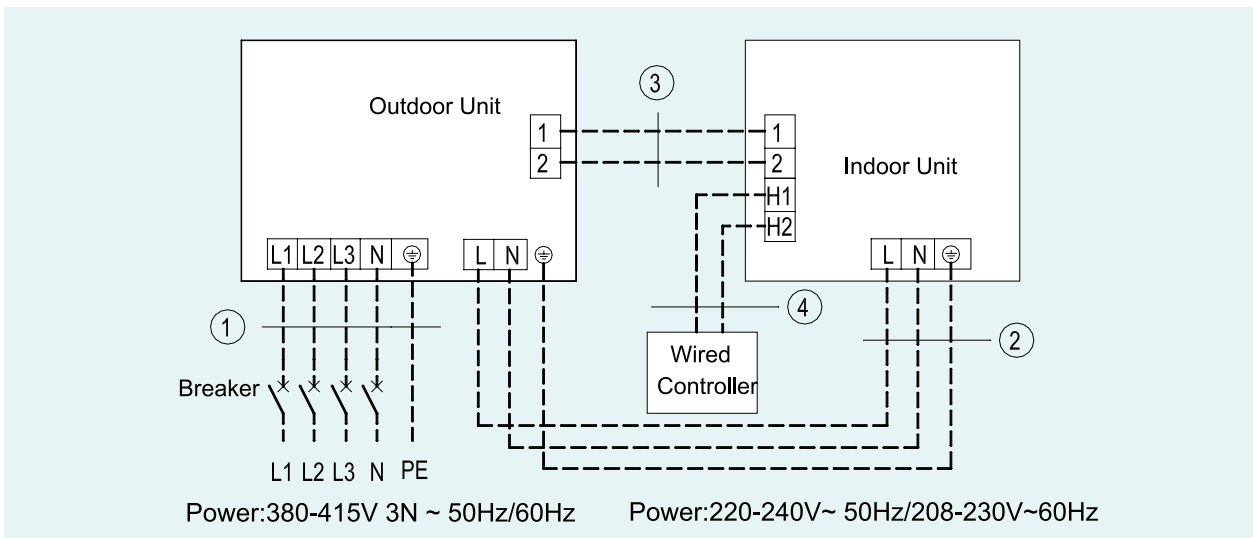
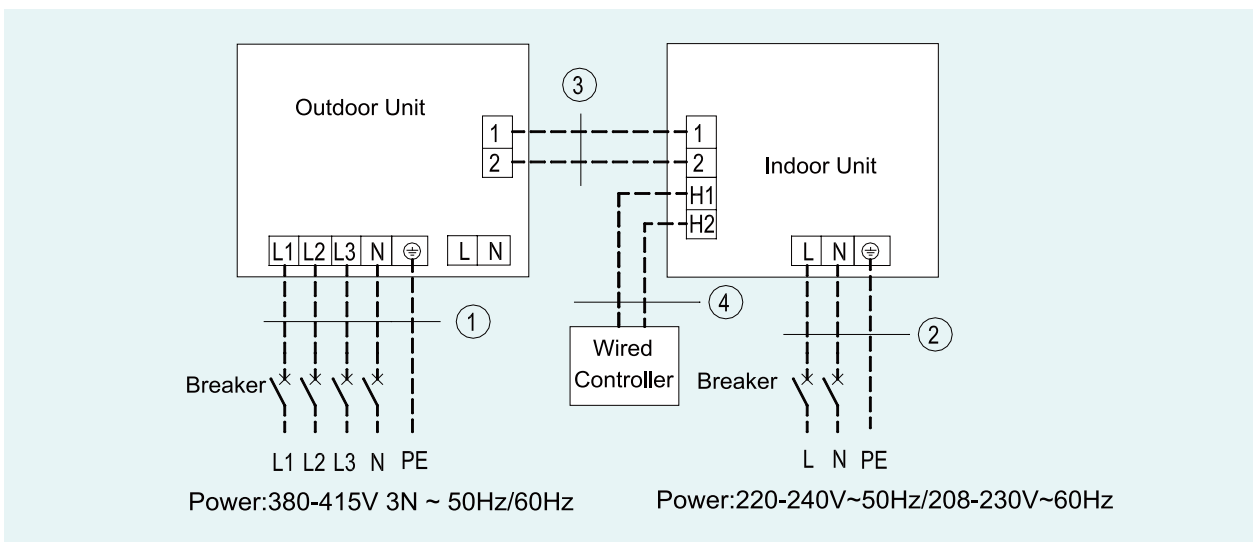
Single-phase unit : GUD100W/NhA-T, GUD125W/NhA-T, GUD140W/NhA-T



U-Match 5 SERIES AIR CONDITIONERS TSG

GUD100ZD/A-T+GUD100W/NhA-T
GUD125ZD/A-T+GUD125W/NhA-T
1. Power cords 3×4.0mm ²
2. Power cords 3×1.0mm ²
3. Communication cords 2×0.75mm ²
4. Communication cords 2×0.75mm ²
GUD140ZD/A-T+GUD140W/NhA-T
1. Power cords 3×6.0mm ²
2. Power cords 3×1.0mm ²
3. Communication cords 2×0.75mm ²
4. Communication cords 2×0.75mm ²

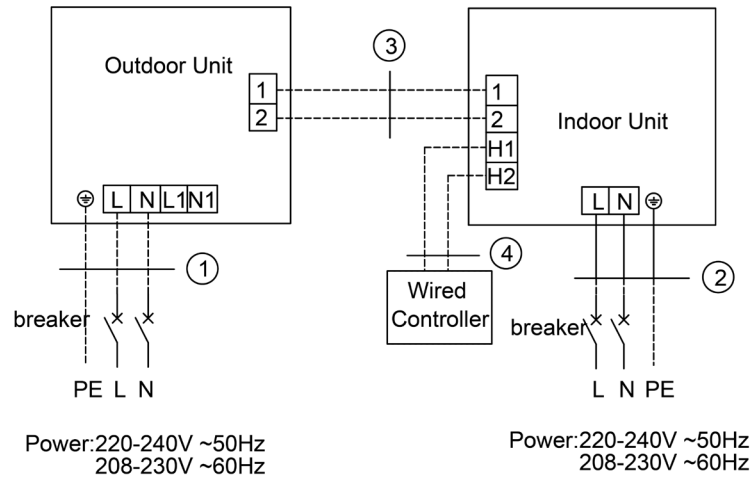
Three-phase unit: GUD100W/NhA-X, GUD125W/NhA-X, GUD140W/NhA-X, GUD160W/NhA-X.



GUD100ZD/A-T +GUD100W/NhA-X
GUD125ZD/A-T +GUD125W/NhA-X
GUD140ZD/A-T +GUD140W/NhA-X
GUD160ZD/A-T +GUD160W/NhA-X
1. Power cords 5×1.5mm ²
2. Power cords 3×1.0mm ²
3. Communication cords 2×0.75mm ²
4. Communication cords 2×0.75mm ²

11.2.4 Wall Mounted Type

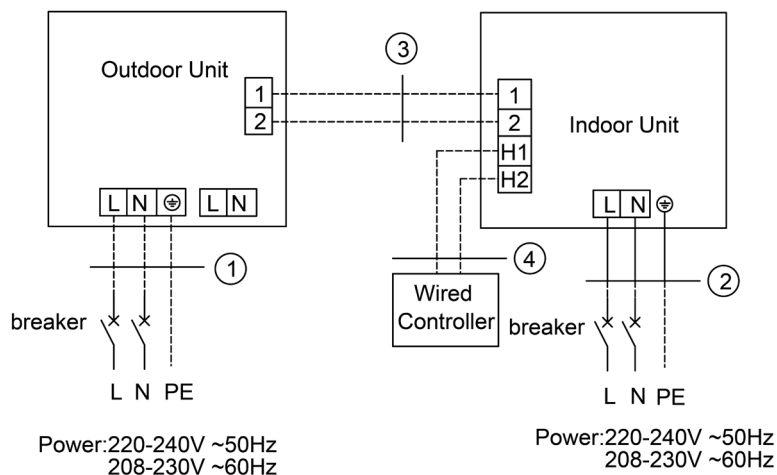
Single-phase unit: GUD71W/NhA-T.



GUD71G/A-T+GUD71W/NhA-T
GUD71G/A1-T+GUD71W/NhA-T
1. Power cords 3×2.5 mm ²
2. Power cords 3×1.0 mm ²
3. Communication cords 2×0.75 mm ²
4. Communication cords 2×0.75 mm ²

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Single-phase unit: GUD100W/NhA-T.

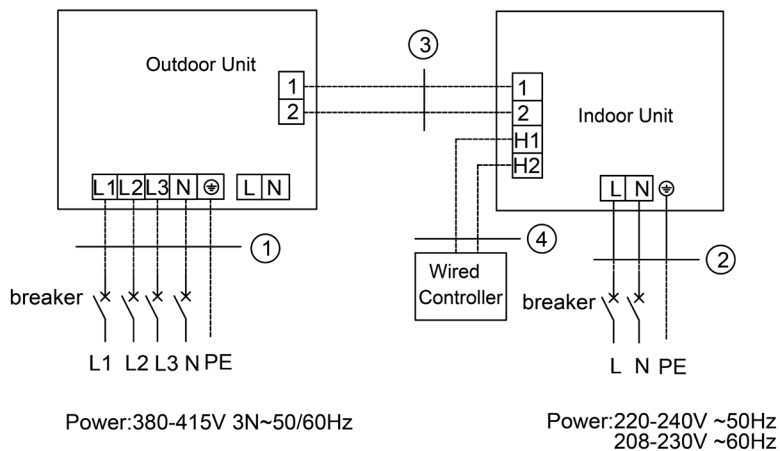


GUD100G/A-T+GUD100W/NhA-T

GUD100G/A1-T+GUD100W/NhA-T

1. Power cords 3×4.0mm²
2. Power cords 3×1.0mm²
3. Communication cords 2×0.75mm²
4. Communication cords 2×0.75mm²

Three-phase unit: GUD100W/NhA-X.



GUD100G/A-T+GUD100W/NhA-X

GUD100G/A1-T+GUD100W/NhA-X

1. Power cords 5×1.5mm²
2. Power cords 3×1.0mm²
3. Communication cords 2×0.75mm²
4. Communication cords 2×0.75mm²

12 LIST OF STANDARD AND OPTIONAL PARTS

—	Cassette type	Duct type	Floor ceiling type	Wall mounted type
Wired Controller XK117 Product code: MC20700730	○	●	○	○
Wired Controller XE71-42/G Product code: NC20700080	○	○	○	○
Remote Controller YAP1F6 Product code: 305001060024	●	○	●	●
YAN1F1 Product code: 30510474	○	○	○	○
YAA1FB6(WiFi) Product code: 305001000078	○	○	○	○
WiFi Module(G-Cloud) Product code: MC20002050	○ (71-160)	/	/	/
Product code: MC20000050	○ (35/50)	○	○	/
Centralized Controller (up to 16 indoor unit) CE50-24/E Product code: MC207025	○	○	○	○
Centralized Controller (up to 36 indoor unit) Product code: MC207052	○	○	○	○
Modbus Gateway ME50-00/EG(M) Product code: NC20000010	○	○	○	○
Dry Contact Gateway (Extended Function Board) ME30-42/E1 Product code: NC20000020	○	○	○	○
Door Controller MK03 Product code: MC207022	○	○	○	○
the Communication Wire of Indoor Unit and Outdoor Unit	○	○	○	○
the Communication Wire of Indoor Unit and Wire Controller	○	○	○	○
Chassis Electric Heating Belt	○	○	○	○
WiFi Module Product code: 300018060285	/	/	/	●
Wired Controller XE70-13/G2 Product code: NC20700090	○	○	○	○

Note: ● means standard, ○ means optional.

Gree reserves the right to modify the specifications without prior notice. Please confirm the final specifications with sales representatives.



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