



Air Conditioning Technical Data

Wall mounted unit



EEDEN12-100

FTXG-JW

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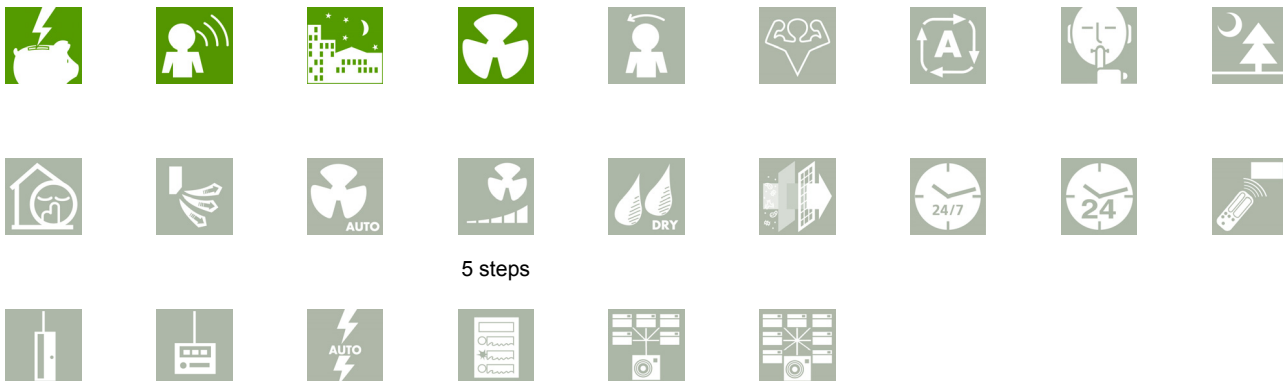
FTXG-JW

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1 Features

- Outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the outdoor unit by 3dBA to ensure a quiet environment for the neighbourhood.
- 24 hour timer can be set to start heating or cooling anytime during a 24 hour period
- Remarkable blend of iconic design and engineering excellence with an elegant finish in matt crystal white
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- The infrared remote control is user friendly and equipped with a timer function that enables you to programme the unit to start or stop at your desired time.
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Movement sensor saves power consumption in unoccupied rooms: when the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Titanium apatite photocatalytic air purification filter removes airborne microscopic particles, powerfully decomposes odours and helps to prevent the propagation of bacteria, viruses, microbes to ensure a steady supply of clean air

1



optional

2 Specifications

2-1 Technical Specifications				FTXG25JW	FTXG35JW	FTXG50JW	
Power input	Cooling	Nom.	kW	0.018 (3)	0.026 (3)	0.032 (1) / 0.032 (2) / 0.032 (3)	
	Heating	Nom.	kW	0.024 (3)	0.032 (3)	0.038 (1) / 0.038 (2) / 0.038 (3)	
Casing	Colour			White			
Dimensions	Unit	Height/Width/Depth	mm	295/915/155			
	Packed unit	Height/Width/Depth	mm	377/1,003/285		285/1,003/377	
Weight	Unit		kg	11			
	Packed unit		kg	15			
Packing	Weight		kg	-	4		
Heat exchanger	Length		mm	610			
	Rows	Quantity		2			
	Fin pitch		mm	1.2			
	Stages	Quantity		18			
	Tube type				ø6.35 Hi-XD tube	ø6.35 Hi-XU tube	
	Fin	Type		Multi slit fin			
Fan	Type			Cross flow fan			
	Air flow rate	Cooling	High	m³/min	8.8	10.1	10.3
				cfm	311	357	364
			Nom.	m³/min	6.8	7.3	8.5
				cfm	240	258	300
			Low	m³/min	4.7	4.6	6.7
				cfm	166	162	237
		Silent operation	m³/min	3.8	3.9	5.7	
			cfm	134	138	201	
		Heating	High	m³/min	9.6	10.8	11.4
				cfm	339	381	402
			Nom.	m³/min	7.9	8.6	9.8
				cfm	279	304	346
	Low		m³/min	6.2	6.4	8.1	
			cfm	219	226	286	
	Silent operation	m³/min	5.4	5.6	7.1		
cfm		191	198	251			
Fan motor	Model			KFD-280-40-8G			
	Speed	Steps		5 + silent, + auto			
		Cooling	High/Medium/Low/Silent operation	rpm	1,440/1,170/900/780	1,640/1,270/910/810	1,710/1,470/1,230/1,100
	Heating	High/Medium/Low/Silent operation	rpm	1,560/1,330/1,110/1,000	1,720/1,430/1,140/1,030	1,830/1,610/1,390/1,260	
	Output	High	W	29		40	
Sound power level	Cooling	High	dBA	54	58	60	
	Heating	High	dBA	55	58	60	
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	42/34/26/23	44/40/35/32	
	Heating	Super high/High/Nom./Low/Silent operation	dBA	-/39/34/28/25	-/42/36/29/26	-/44/40/35/32	
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD		6.35			
	Gas	OD		9.52	12.70		
	Drain			18			

2 Specifications

2-1 Technical Specifications		FTXG25JW	FTXG35JW	FTXG50JW
Temperature control		Microcomputer control		
Air direction control		Left, right, up and downwards		Right, Left, Horizontal, Downward
Air filter	Type	Removable / washable / mildew proof		

2

Standard Accessories : Mounting plate; Quantity : 1;
 Standard Accessories : Paper pattern for installation; Quantity : 2;
 Standard Accessories : Indoor unit fixing screws; Quantity : 2;
 Standard Accessories : Batteries; Quantity : 2;
 Standard Accessories : Remote control holder; Quantity : 1;
 Standard Accessories : Wireless remote control; Quantity : 1;
 Standard Accessories : Installation manual; Quantity : 1;
 Standard Accessories : Operation manual; Quantity : 1;
 Standard Accessories : Titanium apatite photocatalytic air purification filter; Quantity : 2;

2-2 Electrical Specifications				FTXG25JW	FTXG35JW	FTXG50JW
Power supply	Name			V1		-
	Phase			1~		
	Frequency	Hz		50		
	Voltage	V		220-240		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.09 (4) / 0.08 (5) / 0.08 (6)	0.13 (4) / 0.12 (5) / 0.12 (6)	0.16 (1) / 0.15 (2) / 0.14 (3)
		Heating	A	0.12 (4) / 0.11 (5) / 0.11 (6)	0.16 (4) / 0.15 (5) / 0.14 (6)	0.19 (1) / 0.18 (2) / 0.17 (3)
Current - 60Hz	Nominal running current		A	-		
Wiring connections - 50Hz	For power supply	Remark		-		3 for power supply, 4 for interunit wiring (Earth wire included)

Notes

- (1) SL: The silent fan level of the air flow rate setting
- (2) When connected with multi-system outdoor unit, refer to the specifications of the multi outdoor unit to be connected.
- (3) 50Hz, 220-230-240V
- (4) 220V
- (5) 230V
- (6) 240V

3 Options

3 - 1 Options

FTXG25-50J

	Description	Material name
Indoor	Wired remote controller	BRC944A2B
	5-room centralized controller	KRC72A
	Adopter PCB (normal open/normal open pulse contact)	KRP413AA1S
	Titanium apatite photocatalytic air-purifying filter without frame *	---
	Chain for preventing loss of remote controller	KKF910A
	Interface adapter for DIII-net use	KRP928BA2S
	Central remote controller	DCS302CA51
	Unified ON/OFF controller	DCS301BA51
	Schedule timer	DCT301BA51

* Standard accessory

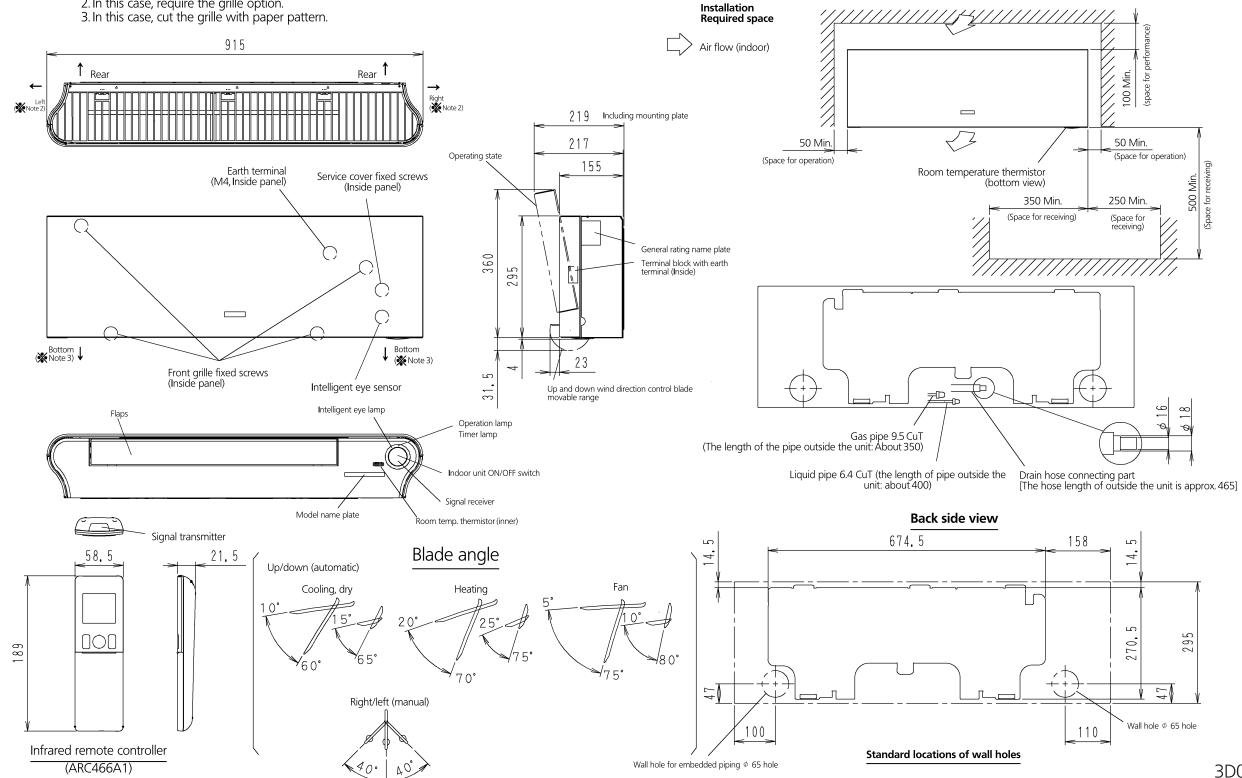
4 Dimensional drawings

4 - 1 Dimensional Drawings

4

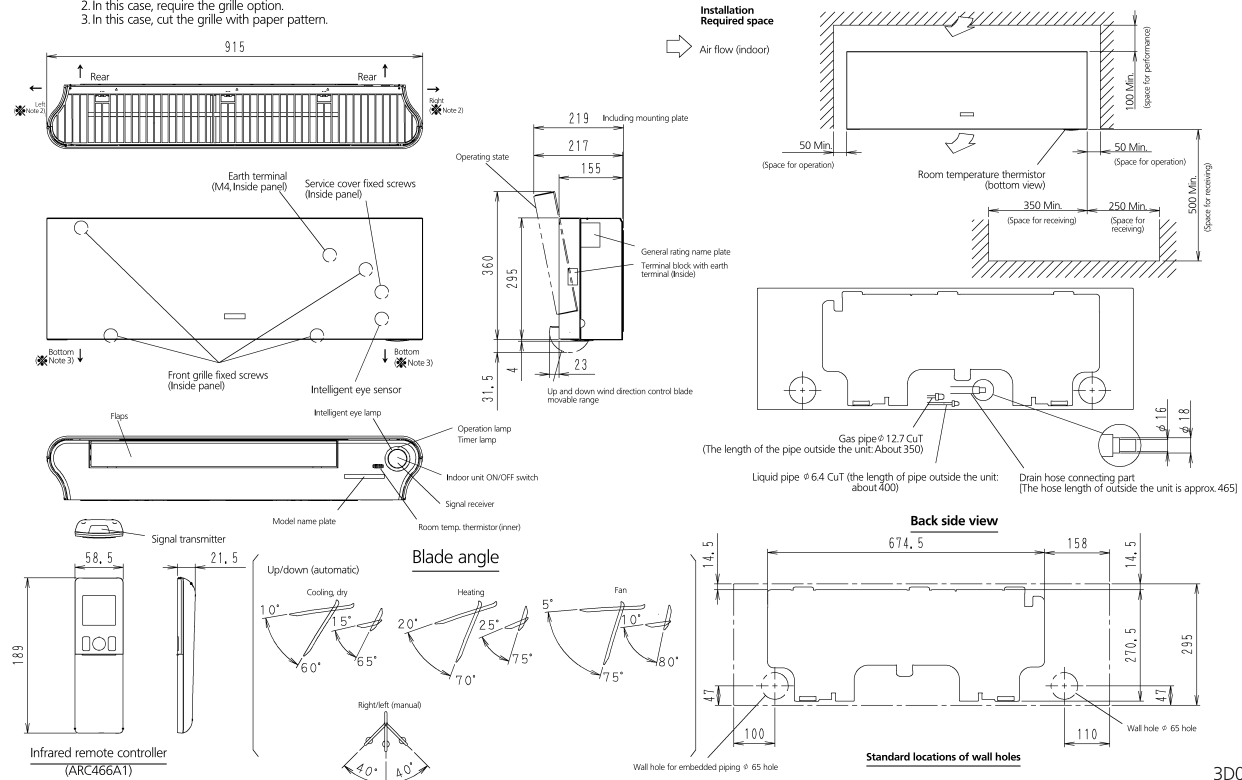
FTXG25-35J

- Note)
 1. The mark (→) shows piping direction.
 2. In this case, require the grille option.
 3. In this case, cut the grille with paper pattern.



FTXG50J

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 1. The mark (→) shows piping direction.
 2. In this case, require the grille option.
 3. In this case, cut the grille with paper pattern.

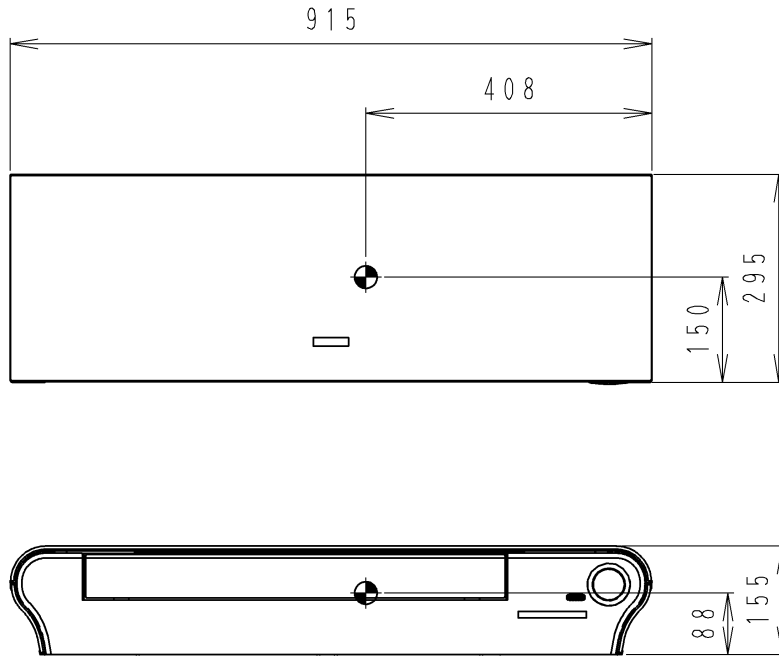


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5 Centre of gravity

5 - 1 Centre of Gravity

FTXG25-50J



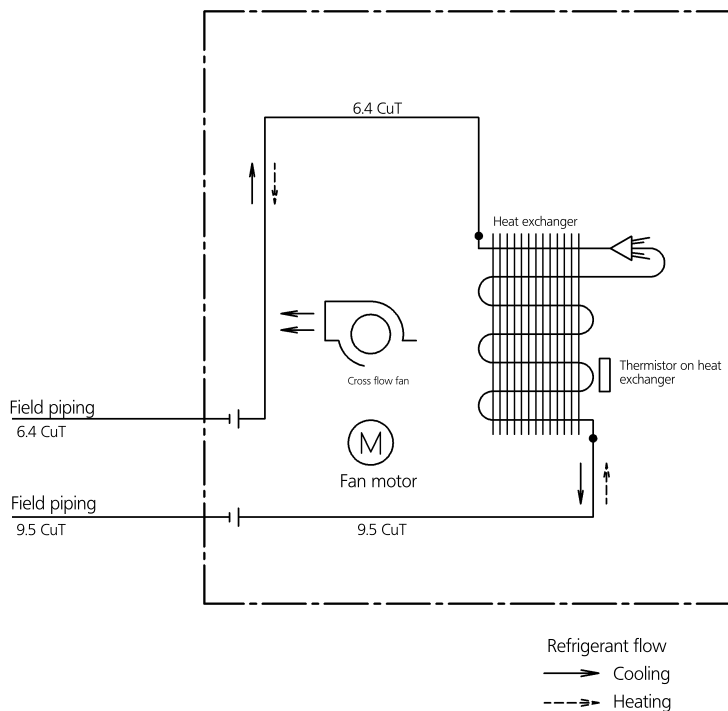
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6 Piping diagrams

6 - 1 Piping Diagrams

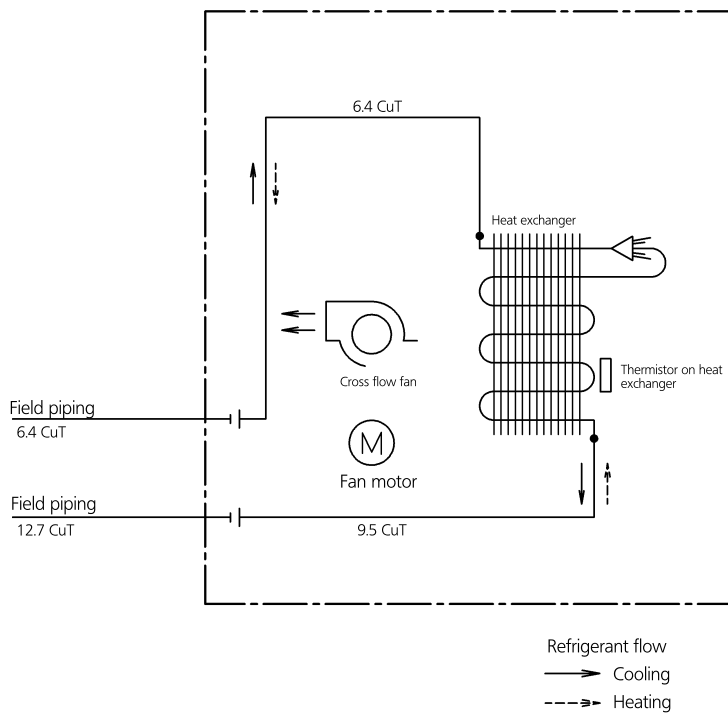
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FTXG25-35J



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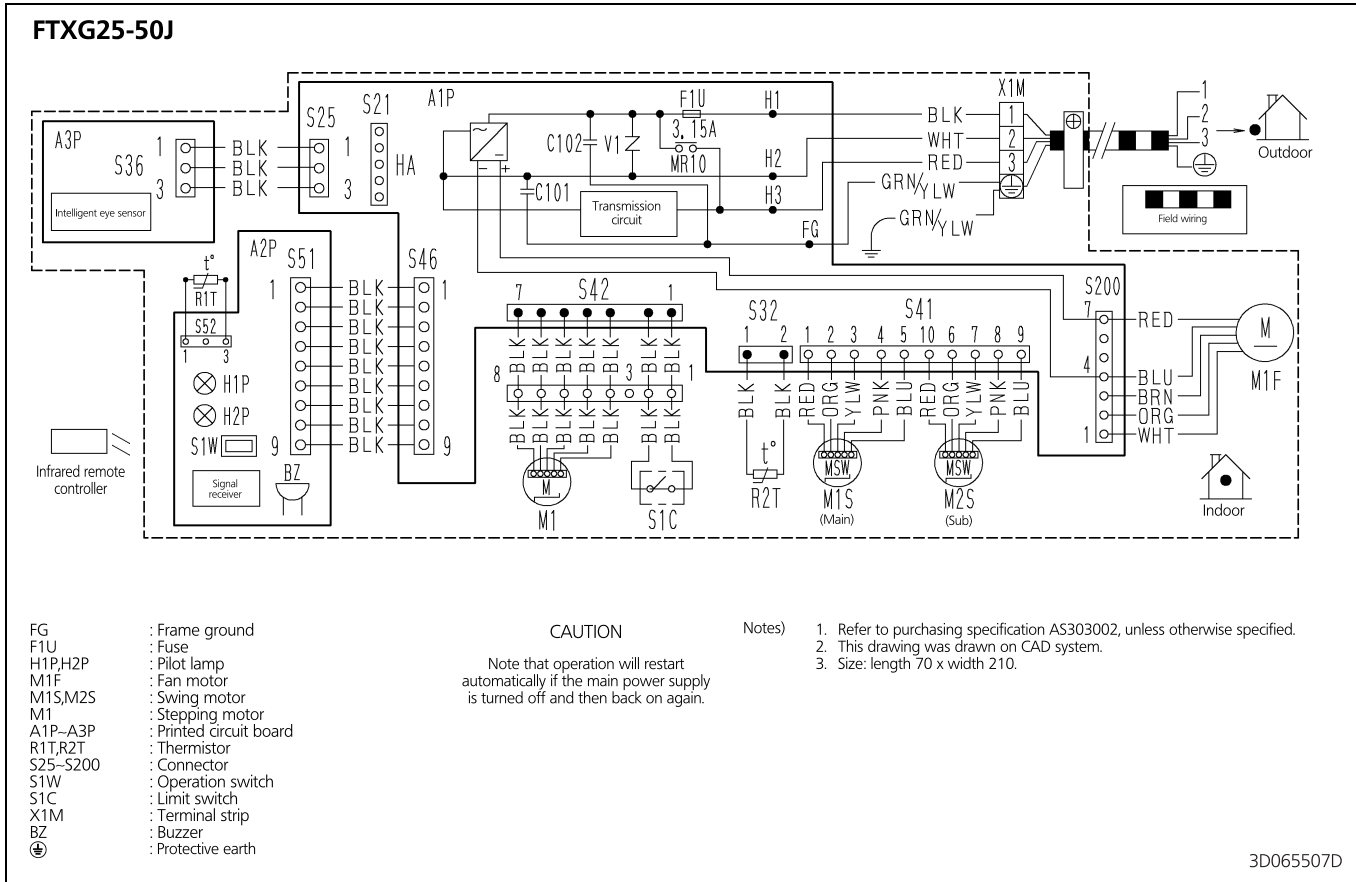
FTXG50J



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7 Wiring diagrams

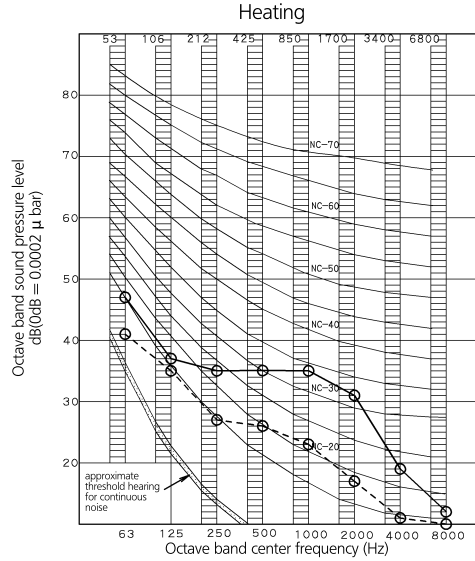
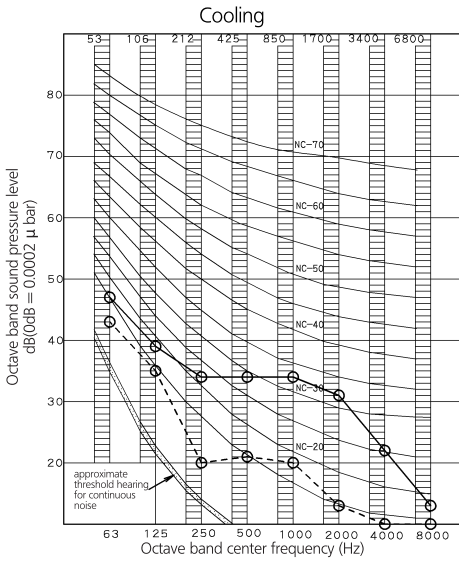
7 - 1 Wiring Diagrams - Single Phase



8 Sound data

8 - 1 Sound Pressure Spectrum

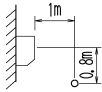
FTXG25J



NOTES

- Overall (dB) (B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V 50Hz
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure
○—○ 50 Hz 220-240V (H)
○---○ 50 Hz 220-240V (L)

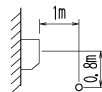
Scale	50Hz 220~240V (H)	50Hz 220~240V (L)
A	38	25



NOTES

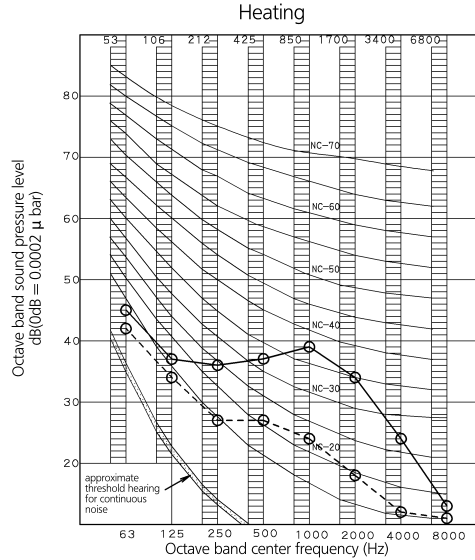
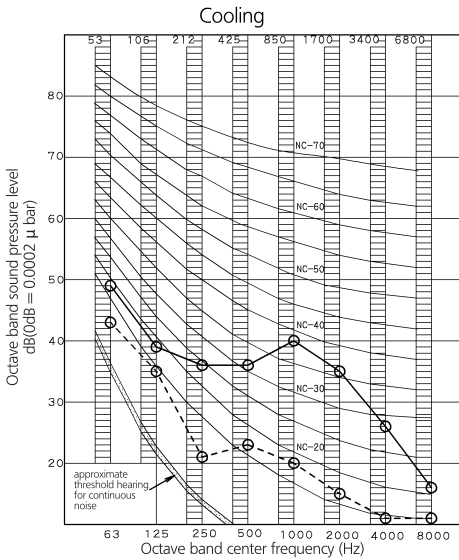
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The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure
○—○ 50 Hz 220-240V (H)
○---○ 50 Hz 220-240V (L)

Scale	50Hz 220~240V (H)	50Hz 220~240V (L)
A	39	28



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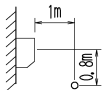
FTXG35J



NOTES

- Overall (dB) (B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V 50Hz
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure
○—○ 50 Hz 220-240V (H)
○---○ 50 Hz 220-240V (L)

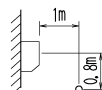
Scale	50Hz 220~240V (H)	50Hz 220~240V (L)
A	42	26



NOTES

- Overall (dB) (B,G,N is already rectified)
- Measuring place: Measure in anechoic room
- Operation noise differs with operation and ambient conditions.
- Operating conditions: Power source 220~240V 50Hz
- Location of microphone
JISC9612
The operation noise measuring method is in accordance with JISC9612
- Standard external static pressure
○—○ 50 Hz 220-240V (H)
○---○ 50 Hz 220-240V (L)

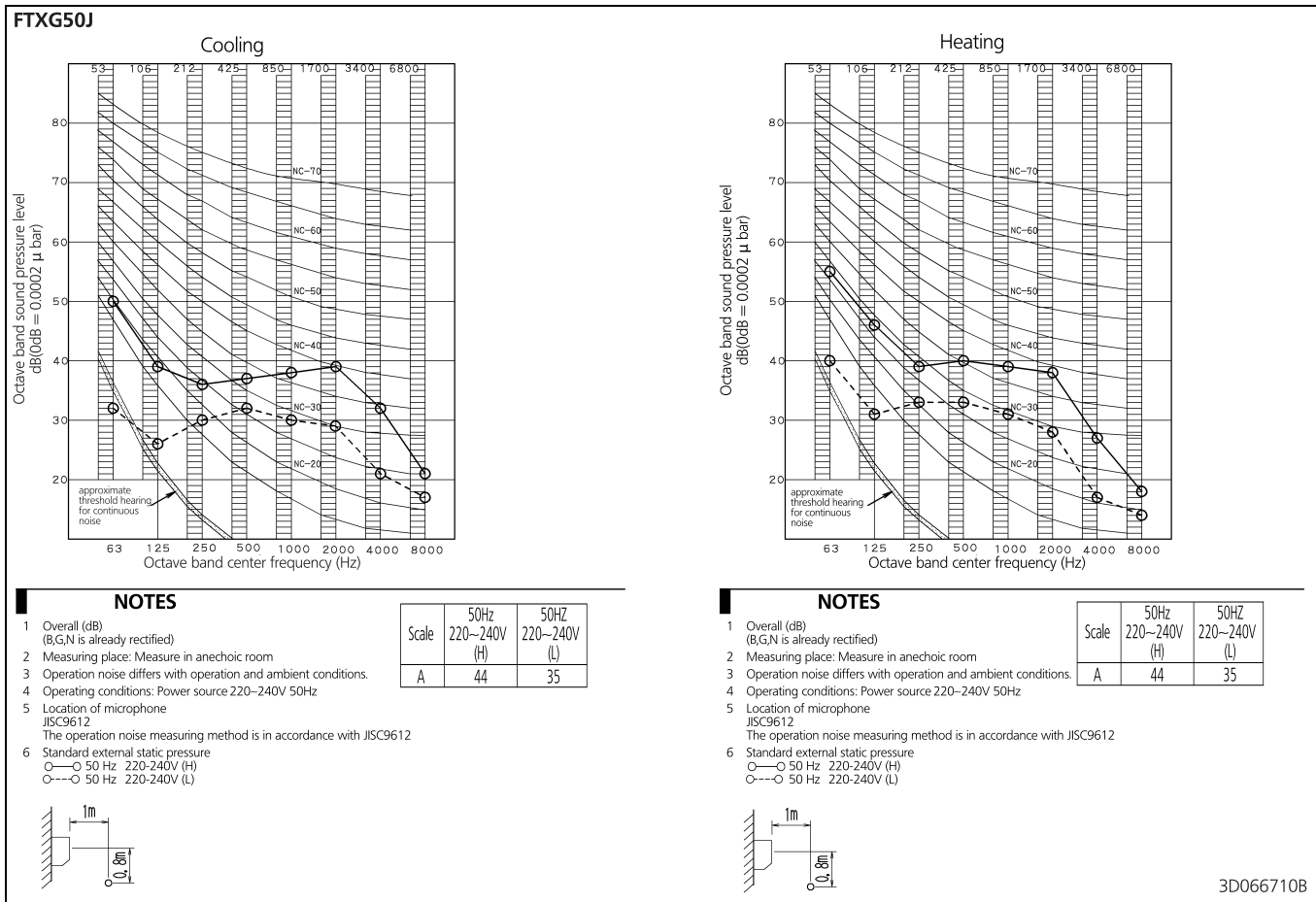
Scale	50Hz 220~240V (H)	50Hz 220~240V (L)
A	42	29



3D066709A

8 Sound data

8 - 1 Sound Pressure Spectrum



3D066710B



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