



Air Conditioning Technical Data

Wall mounted unit



EEDEN15-100

FTX-GV

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FTX-GV

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1 Features

Wall mounted unit providing high efficiency and comfort

- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- 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.
- Home leave operation maintains the indoor temperature at your specified comfort level during absence, thus saving energy
- Dry programme allows humidity levels to be reduced without variations in room temperature
- 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



Movement sensor



Home leave operation



Night set mode



Fan only



Powerful mode



Auto cooling-heating changeover



Indoor unit silent operation



Outdoor unit silent operation



3-D air flow



Vertical auto swing



Horizontal auto swing



Auto fan speed



Fan speed steps



Dry programme



Titanium apatite photocatalytic air purification filter



24 hour timer



Infrared remote control



Auto-restart



Self diagnosis

2 Specifications

2-1 Technical Specifications				FTX50GV	FTX60GV	FTX71GV	
Power input	Cooling	Nom.	kW	0.034	0.040 (1) / 0.040 (2) / 0.040 (3)	0.045 (1) / 0.045 (2) / 0.045 (3)	
	Heating	Nom.	kW	0.036	0.045 (1) / 0.045 (2) / 0.045 (3)	0.060 (1) / 0.060 (2) / 0.06 (3)	
Casing	Colour			White			
Dimensions	Unit	Height/Width/Depth	mm	290/1,050/238			
	Packed unit	Height/Width/Depth	mm	337/1,147/366		366/1,147/337	
Weight	Unit		kg	12			
	Packed unit		kg	17			
Heat exchanger	Length		mm	863			
	Rows	Quantity		2			
	Fin pitch		mm	1.4			
	Stages	Quantity		16			
	Tube type		ø7 Hi-XD				
	Fin	Type		ML fin (Multi louver)			
Air filter	Type			Removable / washable / mildew proof			
Fan	Type			Cross flow fan			
	Air flow rate	Cooling	High	m³/min	14.7	16.2	17.4
				cfm	519	572	614
			Nom.	m³/min	14.7	16.2	14.6
				cfm	519	572	516
			Low	m³/min	10.3	11.4	11.6
				cfm	364	403	410
		Silent operation	m³/min	9.5	10.2	10.6	
			cfm	335	360	374	
		Heating	High	m³/min	16.1	17.4	19.7
				cfm	568	614	696
			Nom.	m³/min	13.9	15.1	16.9
				cfm	491	533	597
	Low		m³/min	11.5	12.7	14.3	
			cfm	406	448	505	
	Silent operation	m³/min	10.2	11.4	12.7		
cfm		360	403	448			
Fan motor	Model			ARW30W8P43DK		D43F-31	
	Speed	Steps		5 + silent, + auto			
		Cooling	High/Medium/Low/Silent operation	rpm	1,240/1,080/930/860	1,330/1,170/1,010/920	1,410/1,220/1,040/950
				rpm	1,270/1,110/960/870	1,360/1,200/1,040/950	1,520/1,330/1,150/1,040
		Heating	High/Medium/Low/Silent operation	rpm			
Output	High	W	43				
Sound power level	Cooling		dBA	59	60	63	
	Heating		dBA	58	59	62	
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	43/39/34/31	45/41/36/33	46/42/37/34	
	Heating	High/Nom./Low/Silent operation	dBA	42/38/33/30	44/40/35/32	46/42/37/34	
Control systems	Infrared remote control			ARC433B70			
Refrigerant	Type			R-410A			

2 Specifications

2-1 Technical Specifications			FTX50GV	FTX60GV	FTX71GV
Piping connections	Liquid	OD	6.35		
	Gas	OD	12.7		15.9
	Drain		18		
	Heat insulation		Both liquid and gas pipes		
Temperature control			Microcomputer control		
Air direction control			Right, Left, Horizontal, Downward		

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Titanium apatite photocatalytic air purification filter; Quantity : 2;

Standard Accessories : Batteries; Quantity : 2;

Standard Accessories : Wireless remote control; Quantity : 1;

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Indoor unit fixing screws; Quantity : 2;

Standard Accessories : Mounting plate; Quantity : 1;

Standard Accessories : Remote control holder; Quantity : 1;

Standard Accessories : Indoor unit fixing screws (M4 x 12L); Quantity : 2;

2-2 Electrical Specifications				FTX50GV	FTX60GV	FTX71GV
Power supply	Name			V1		
	Phase			1~		
	Frequency	Hz		50		
	Voltage		V	220-240		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.16 (1) / 0.15 (2) / 0.15 (3)	0.19 (1) / 0.18 (2) / 0.17 (3)	0.21 (1) / 0.20 (2) / 0.19 (3)
		Heating	A	0.17 (1) / 0.16 (2) / 0.16 (3)	0.21 (1) / 0.20 (2) / 0.19 (3)	0.28 (1) / 0.27 (2) / 0.26 (3)
Wiring connections - 50Hz	For power supply	Quantity		-		3
		Remark		3 for power supply, 4 for interunit wiring (Earth wire included)		

Notes

(1) 220V

(2) 230V

(3) 240V

SL: The silent fan level of the air flow rate setting

3 Options

3 - 1 Options

FTX-GV

Indoor Units - Control systems

		FTX-GV
Wired remote control		BRC944 (3) BRC073 (3)
Cord for wired remote control	3m	BRCW901A03
	8m	BRCW901A08
Wiring adapter normal open contact / normal open pulse contact		KRP413A1S (1)
Centralised control board	Up to 5 rooms	KRC72 (2)
Anti-theft protection for remote control		KKF917AA4
Interface adapter for DIII-net		KRP928A2S
Online controller		BRP069A4Z
Modbus gateway		RTD-RA
KNX gateway		KJK-DD

- (1) Wiring adapter supplied by Daikin, Time clock and other devices: to be purchased locally.
- (2) Wiring adapter is also required for each indoor unit.
- (3) Cord For wired remote control BRCW901A03 or BRCW901A08 required.

4 Dimensional drawings

4 - 1 Dimensional Drawings

FTX50-60GV

The mark (→) shows piping direction

REQUIRED SPACE

STANDARD LOCATIONS OF WALL HOLES

Gas pipe $\phi 12.7$ Cut (the length of pipe outside the unit: about 430)
Liquid pipe $\phi 6.4$ Cut (the length of pipe outside the unit: about 480)
Drain hose for VP13 (connection part I.D. 14.0, O.D. 18.0) (The hose length of outside the unit: about 530)

Wall hole for embedded piping $\phi 80$ hole

3D055875A

FTX71GV

The mark (→) shows piping direction

REQUIRED SPACE

STANDARD LOCATIONS OF WALL HOLES

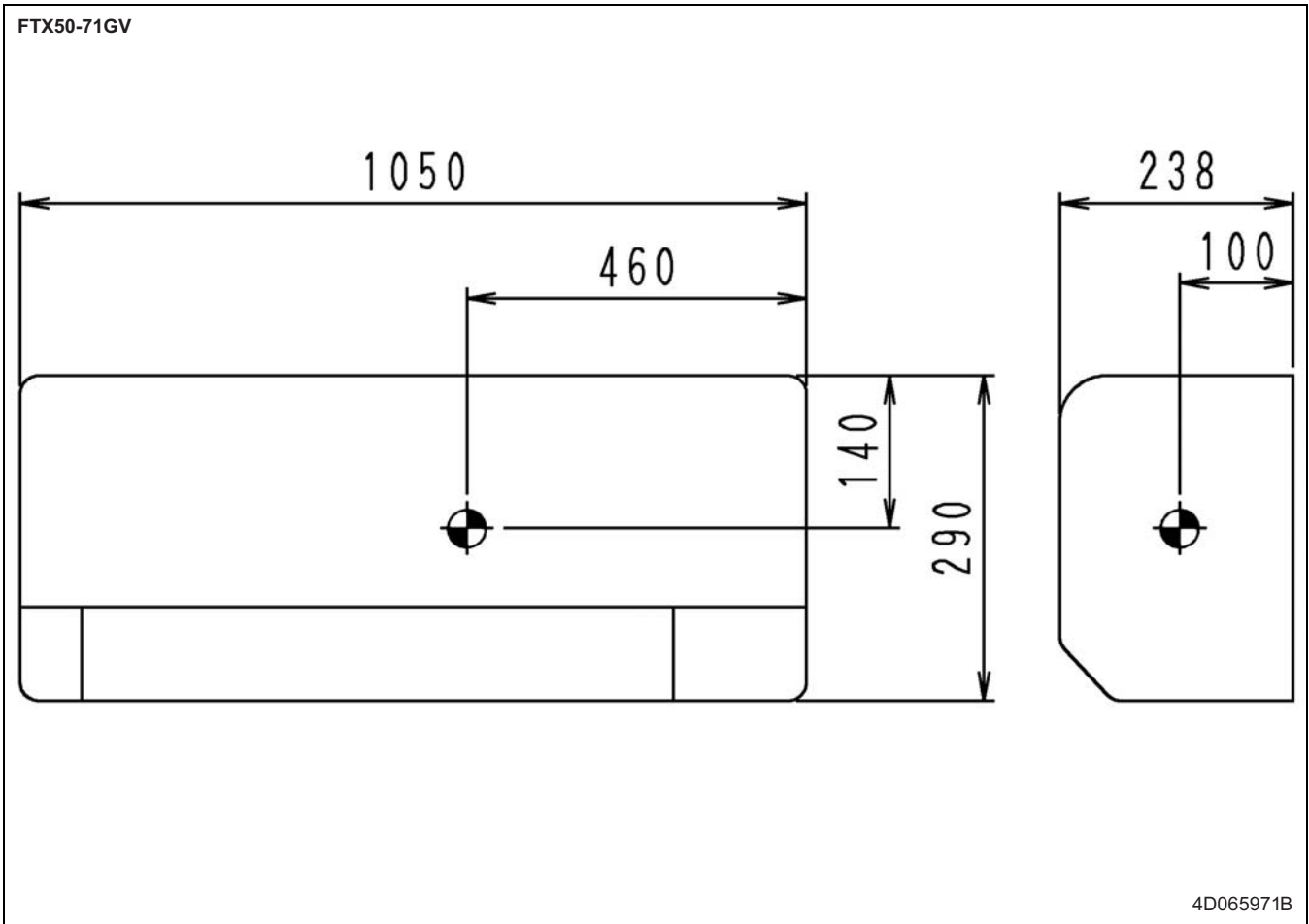
Gas pipe $\phi 15.9$ Cut (the length of pipe outside the unit: about 430)
Liquid pipe $\phi 6.4$ Cut (the length of pipe outside the unit: about 480)
Drain hose for VP13 (connection part I.D. 14.0, O.D. 18.0) (The hose length of outside the unit: about 530)

Wall hole for embedded piping $\phi 80$ hole

3D055876A

5 Centre of gravity

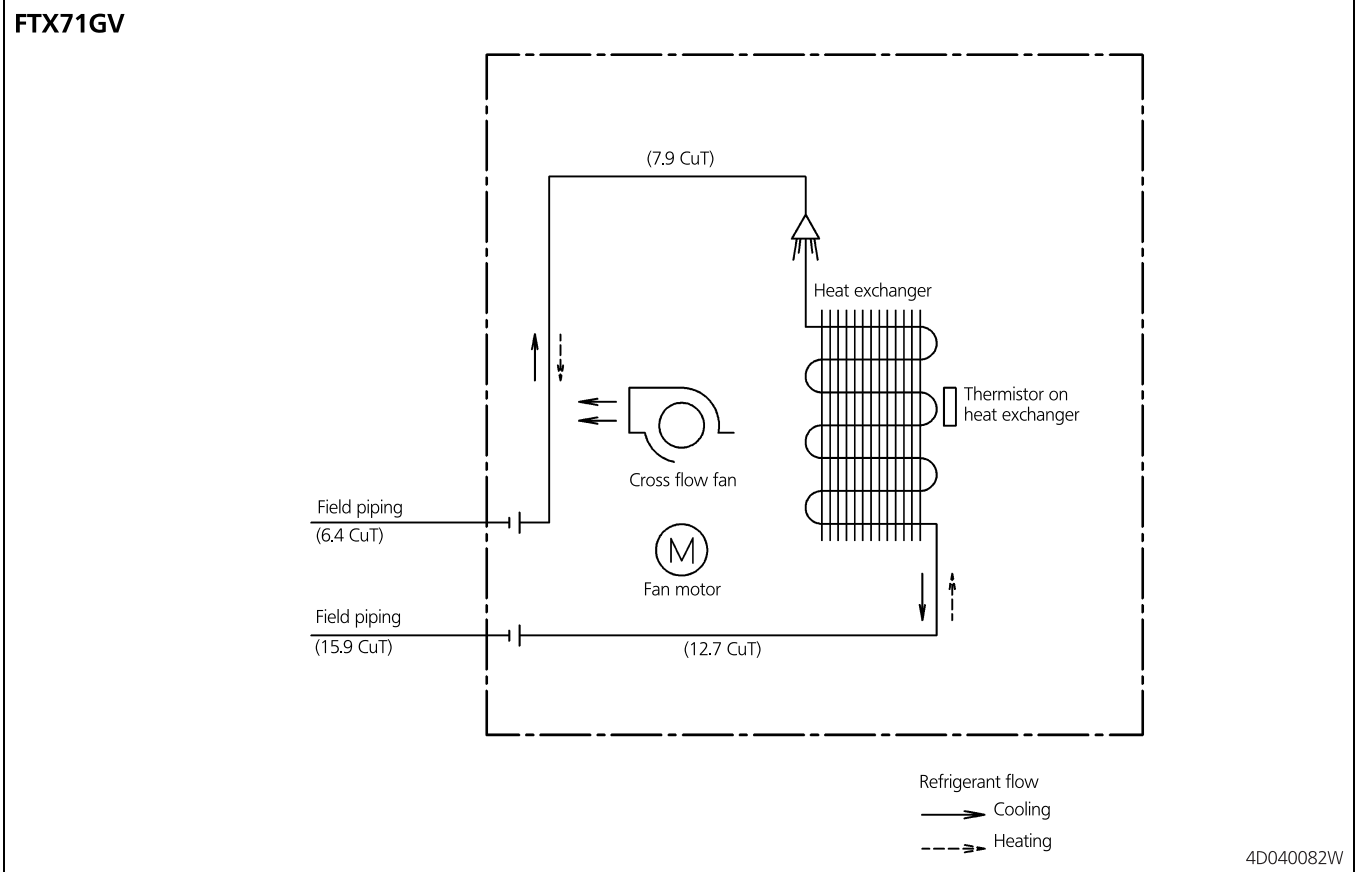
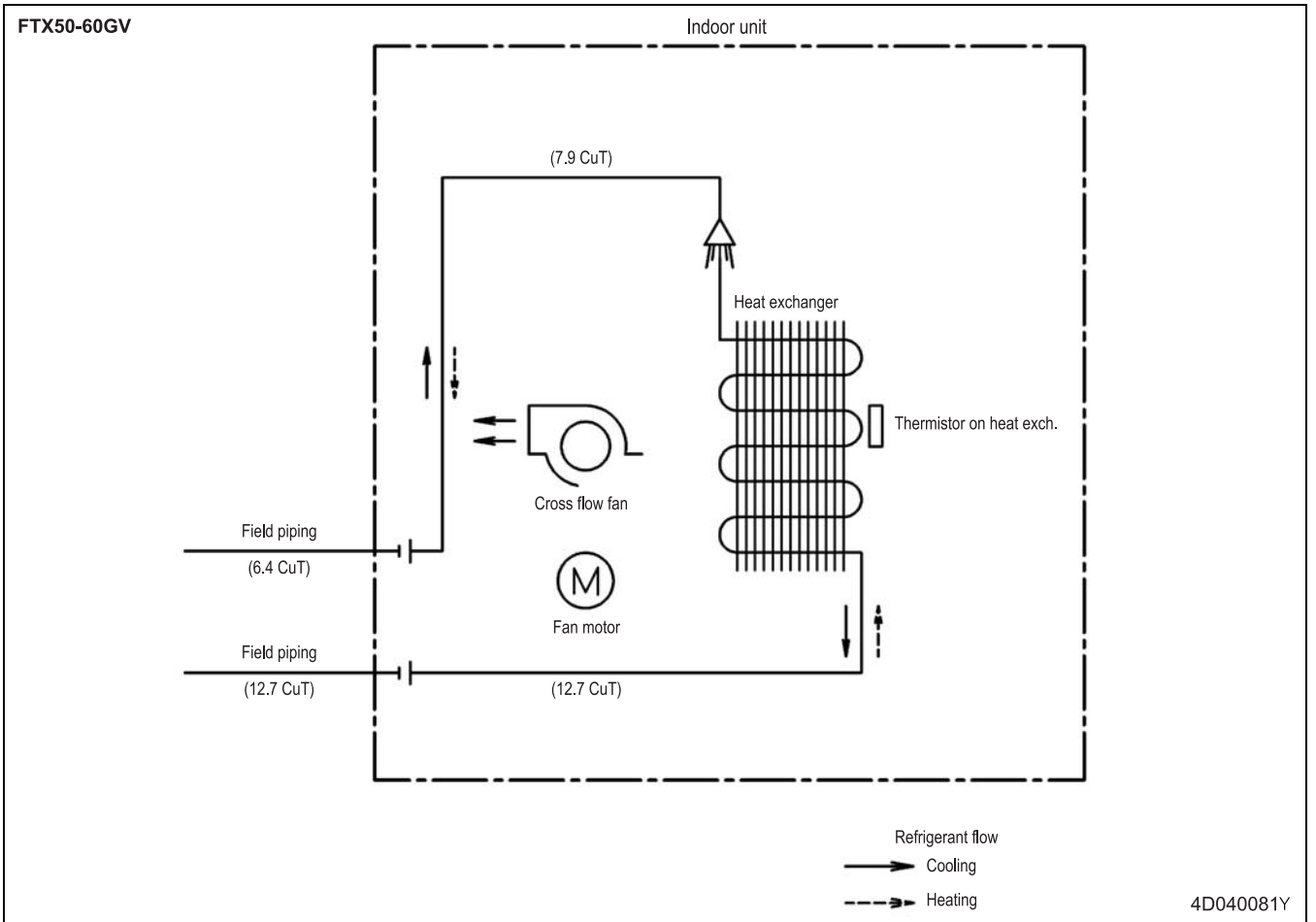
5 - 1 Centre of Gravity



6 Piping diagrams

6 - 1 Piping Diagrams

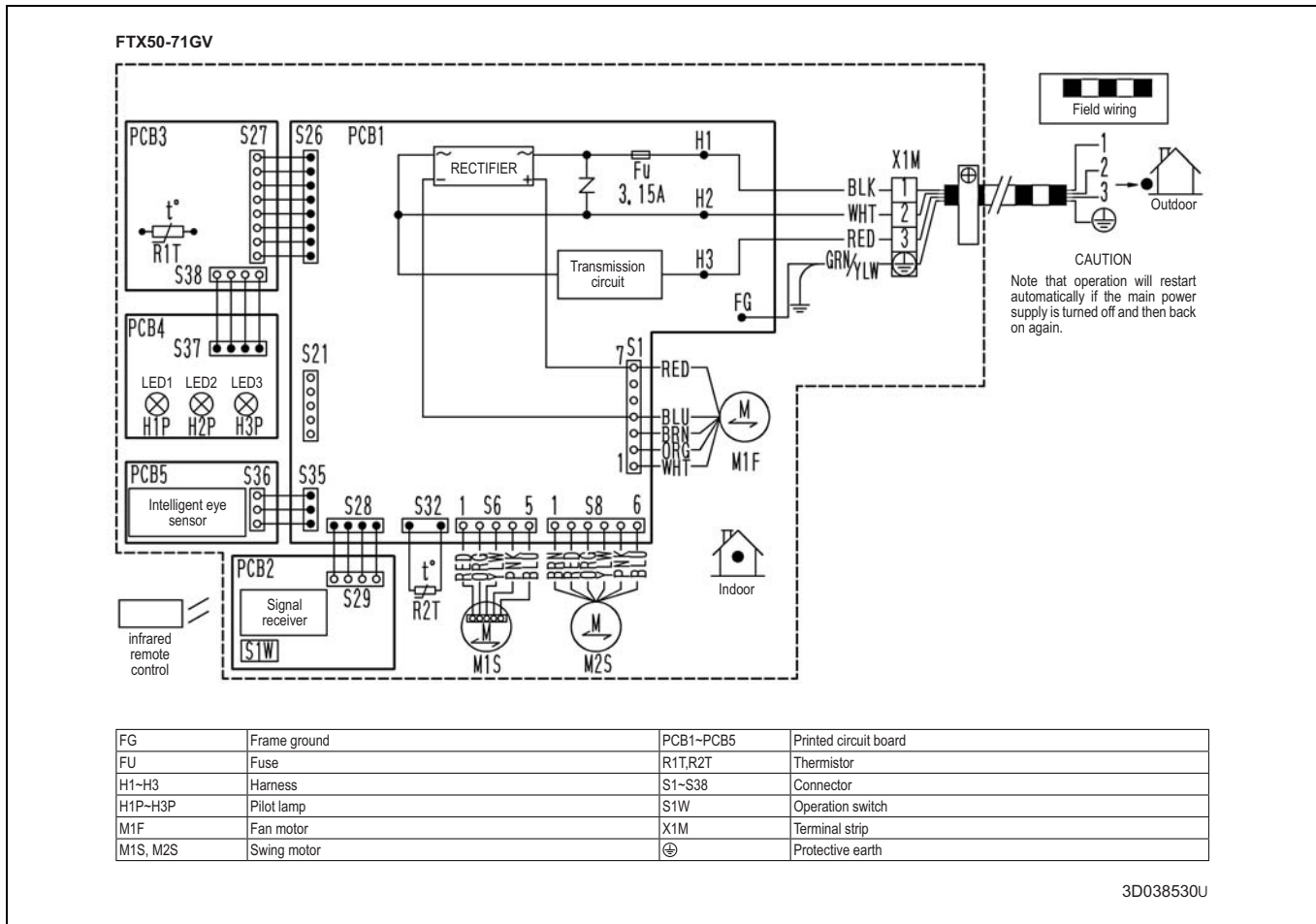
6



8

7 Wiring diagrams

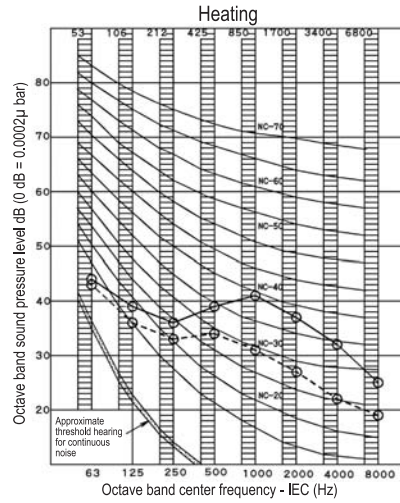
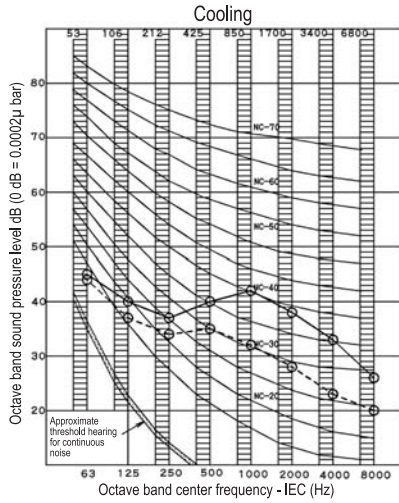
7 - 1 Wiring Diagrams - Single Phase



8 Sound data

8 - 1 Sound Pressure Spectrum

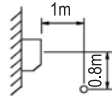
FTX50GV



NOTES

- Over All (dB): (B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone. JISC9612
The operation noise measuring method is in accordance with JISC9612

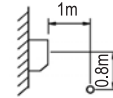
Scale	50Hz 220-240V	
	H	L
A	43	34



NOTES

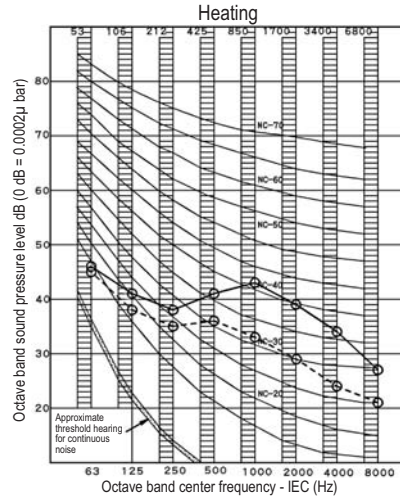
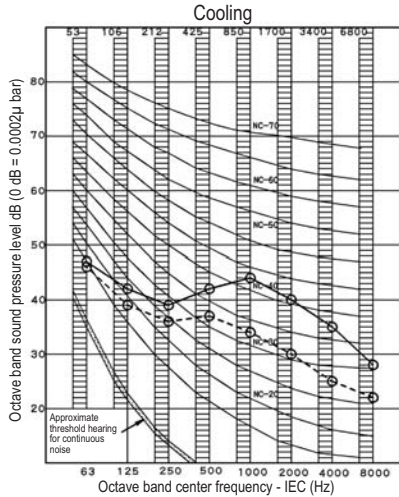
- Over All (dB): (B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone. JISC9612
The operation noise measuring method is in accordance with JISC9612

Scale	50Hz 220-240V	
	H	L
A	42	33



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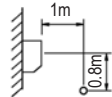
FTX60GV



NOTES

- Over All (dB): (B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone. JISC9612
The operation noise measuring method is in accordance with JISC9612

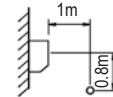
Scale	50Hz 220-240V	
	H	L
A	45	36



NOTES

- Over All (dB): (B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone. JISC9612
The operation noise measuring method is in accordance with JISC9612

Scale	50Hz 220-240V	
	H	L
A	44	35

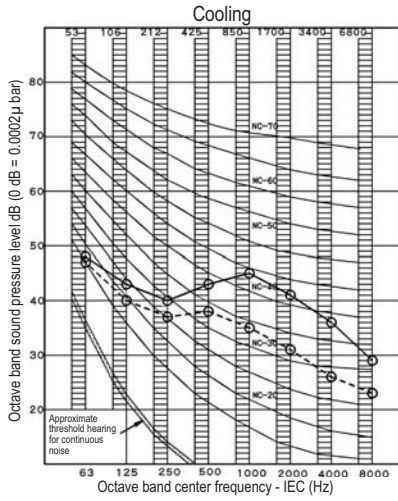


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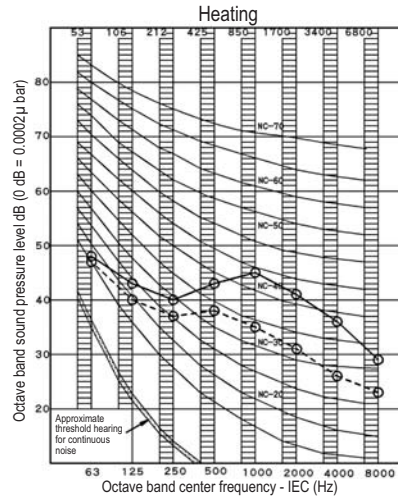
8 Sound data

8 - 1 Sound Pressure Spectrum

FTX71GV



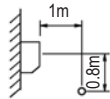
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3D051225D

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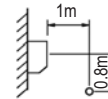
- 1 Over All (dB):
(B,G,N is already rectified)
- 2 Measuring place: measure in anechoic room.
- 3 Operation noise differs with operation and ambient conditions.
- 4 Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



Scale	50Hz 220-240V	
	H	L
A	46	37

NOTES

- 1 Over All (dB):
(B,G,N is already rectified)
- 2 Measuring place: measure in anechoic room.
- 3 Operation noise differs with operation and ambient conditions.
- 4 Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



Scale	50Hz 220-240V	
	H	L
A	46	37

3D051225D



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