



Air Conditioners

Technical Data

Wall mounted unit



EEDEN12-100

FTX-GV

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FTX-GV

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1 Features

- 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
- 24 hour timer can be set to start heating or cooling anytime during a 24 hour period
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- Horizontal auto swing moves the discharge flaps left and right for efficient air and temperature distribution throughout the room
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- 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
- 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.
- Auto-restart ensures that the unit restarts automatically at the original settings after power failure
- Night set mode saves energy by preventing overcooling or overheating during night time



5 steps



5 steps

2 Specifications

2-1 Technical Specifications					FTX50GV		FTX60GV		FTX71GV			
Power input	Cooling		Nom.		kW		0.034		0.040		0.045	
	Heating		Nom.		kW		0.036		0.045		0.060	
Casing	Colour					White						
Dimensions	Unit		Height/Width/Depth		mm		290/1,050/238					
	Packed unit		Height/Width/Depth		mm		337/1,147/366					
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)						
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		12.4		13.6		14.6		
				cfm		438		480		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						
	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	
		Heating	High/Medium/Low/ Silent operation		rpm		1,270/1,110/960/870		1,360/1,200/1,040/950		1,520/1,330/1,150/1,040	
	Output		High		W		43					
Sound power level	Cooling		High		dBA		59		61		62	
	Heating		High		dBA		58		60		62	
Sound pressure level	Cooling		High/Nom./Low/Silent operation		dBA		43/39/34/31		45/41/36/33		46/42/37/34	
	Heating		Super high/High/Nom./Low/ Silent operation		dBA		-/42/38/33/30		-/44/40/35/32		-/46/42/37/34	
Refrigerant	Type					R-410A						
Temperature control						Microcomputer control						
Air direction control						Right, Left, Horizontal, Downward						
Air filter	Type					Removable / washable / mildew proof						

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

Standard Accessories : Batteries; Quantity : 2;

Standard Accessories : Mounting plate; Quantity : 1;

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 Specifications

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 (2) / 0.15 (3) / 0.15 (4)	0.19 (2) / 0.18 (3) / 0.17 (4)	0.21 (2) / 0.20 (3) / 0.19 (4)
		Heating	A	0.17 (2) / 0.16 (3) / 0.16 (4)	0.21 (2) / 0.20 (3) / 0.19 (4)	0.28 (2) / 0.27 (3) / 0.26 (4)
Current - 60Hz	Nominal running current		A	-		
Wiring connections - 50Hz	For power supply	Quantity		-		3
		Remark		3 for power supply, 4 for interunit wiring (Earth wire included)		4 for interunit wiring (earth wire included)

Notes

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

(2) 220V

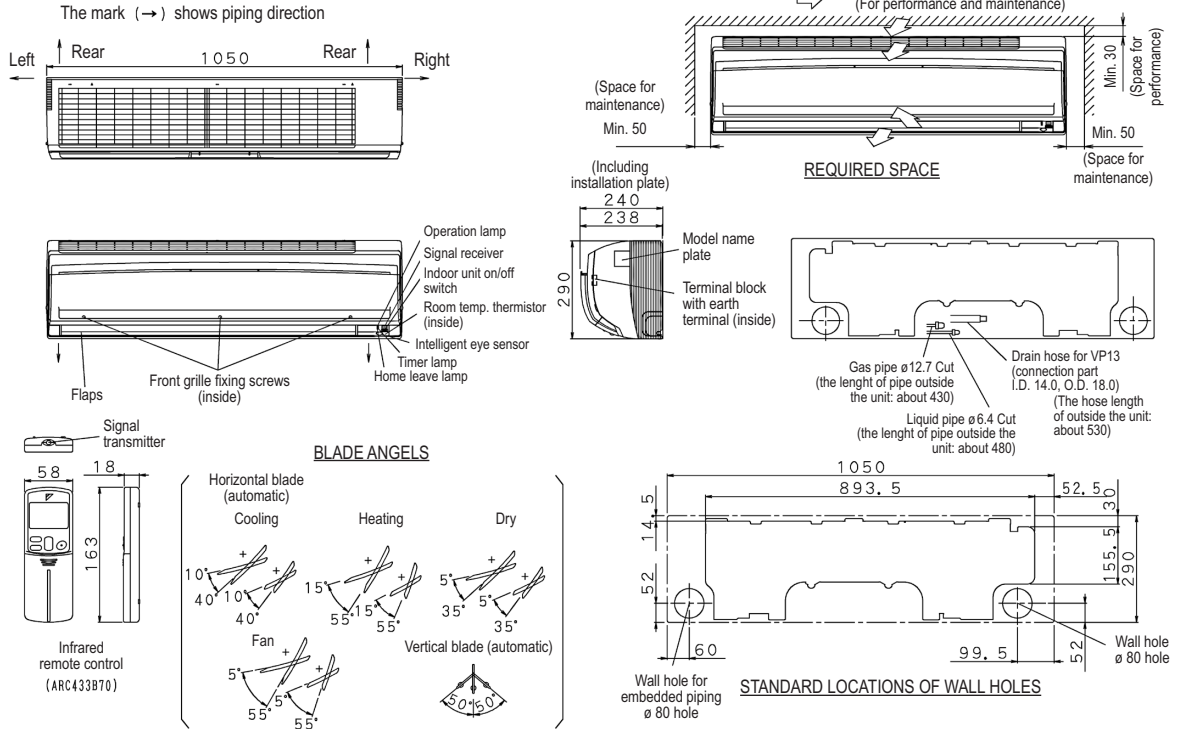
(3) 230V

(4) 240V

3 Dimensional drawings

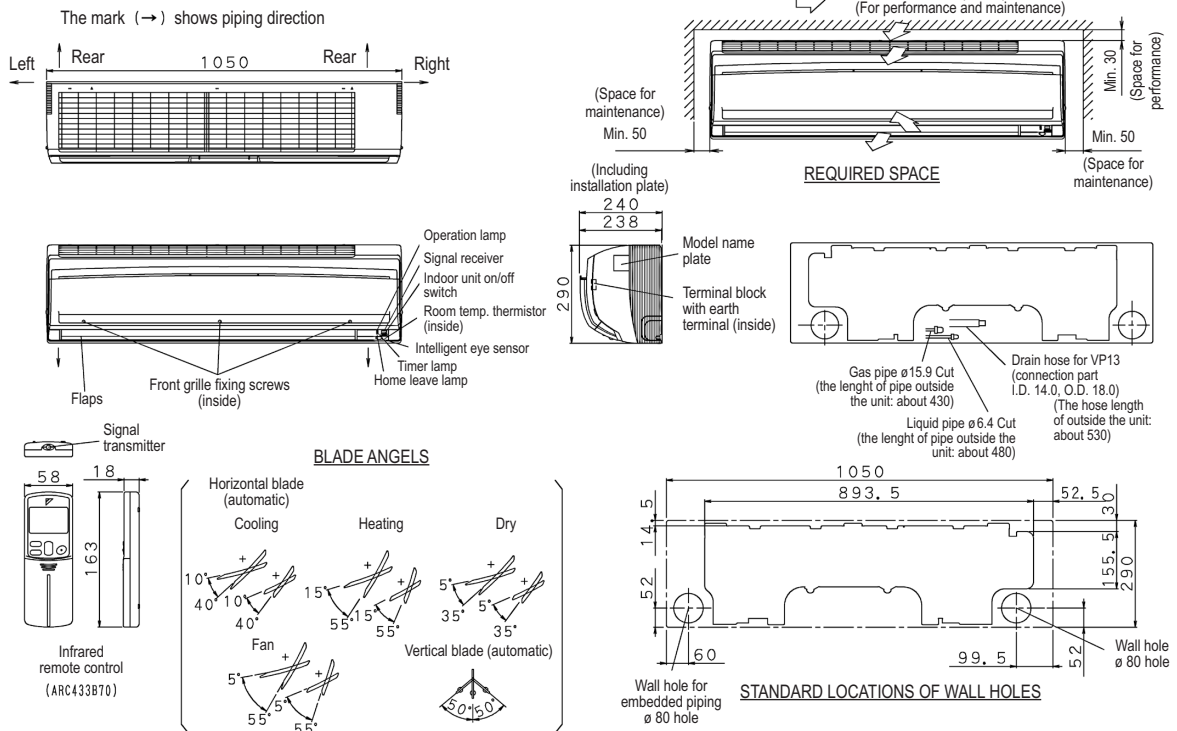
3 - 1 Dimensional Drawings

FTX50-60GV



3D055875A

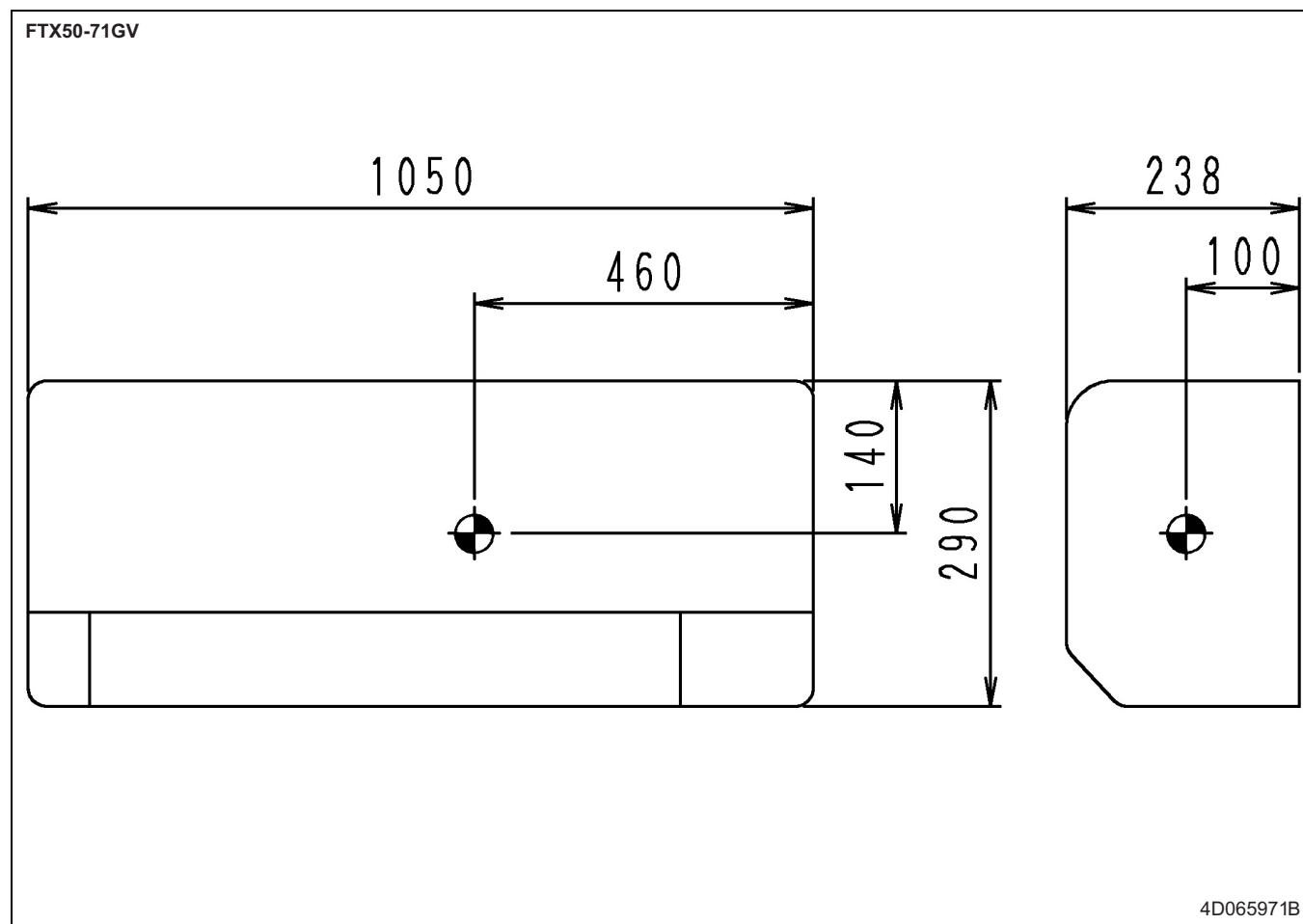
FTX71GV



3D055876A

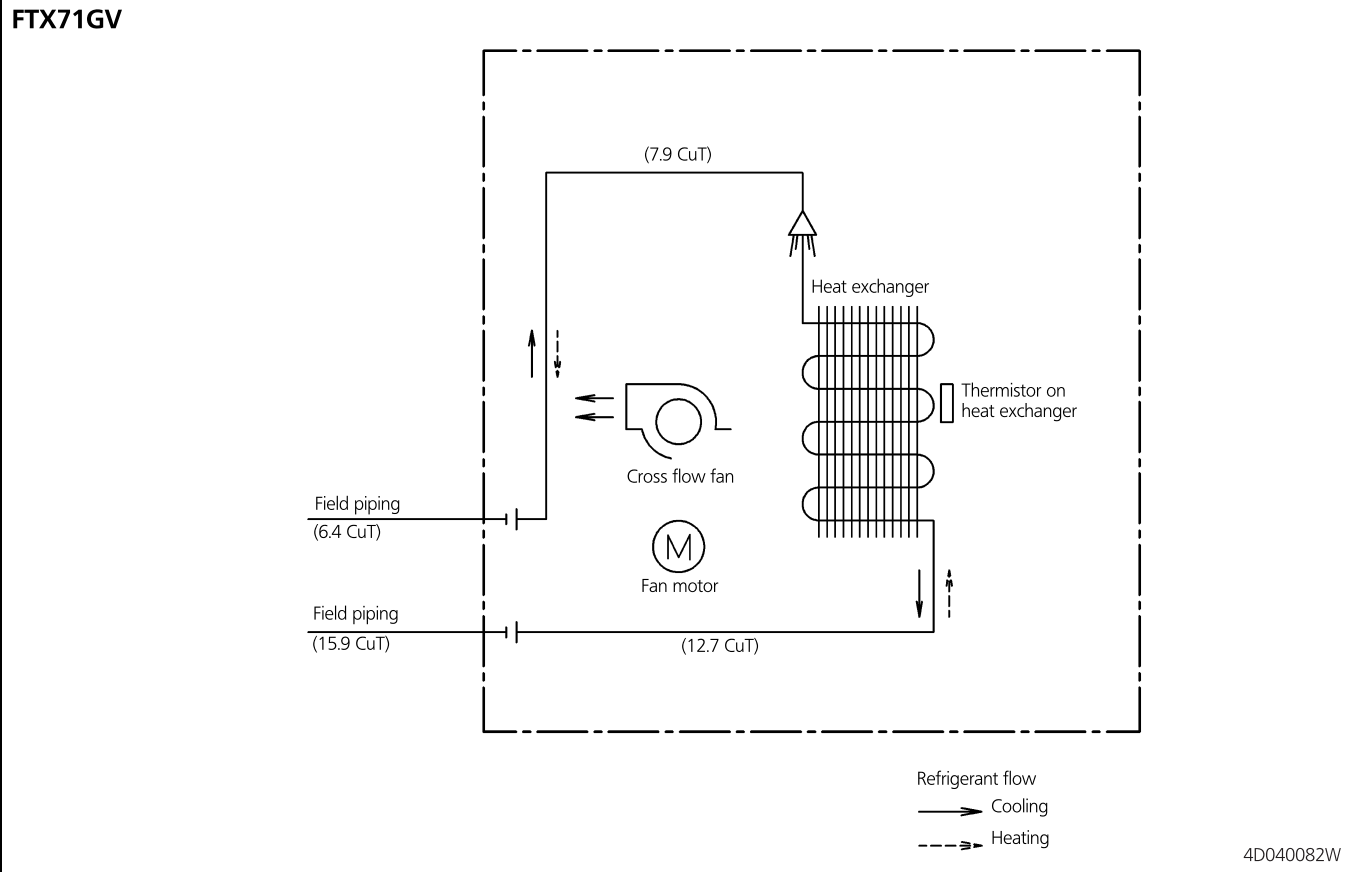
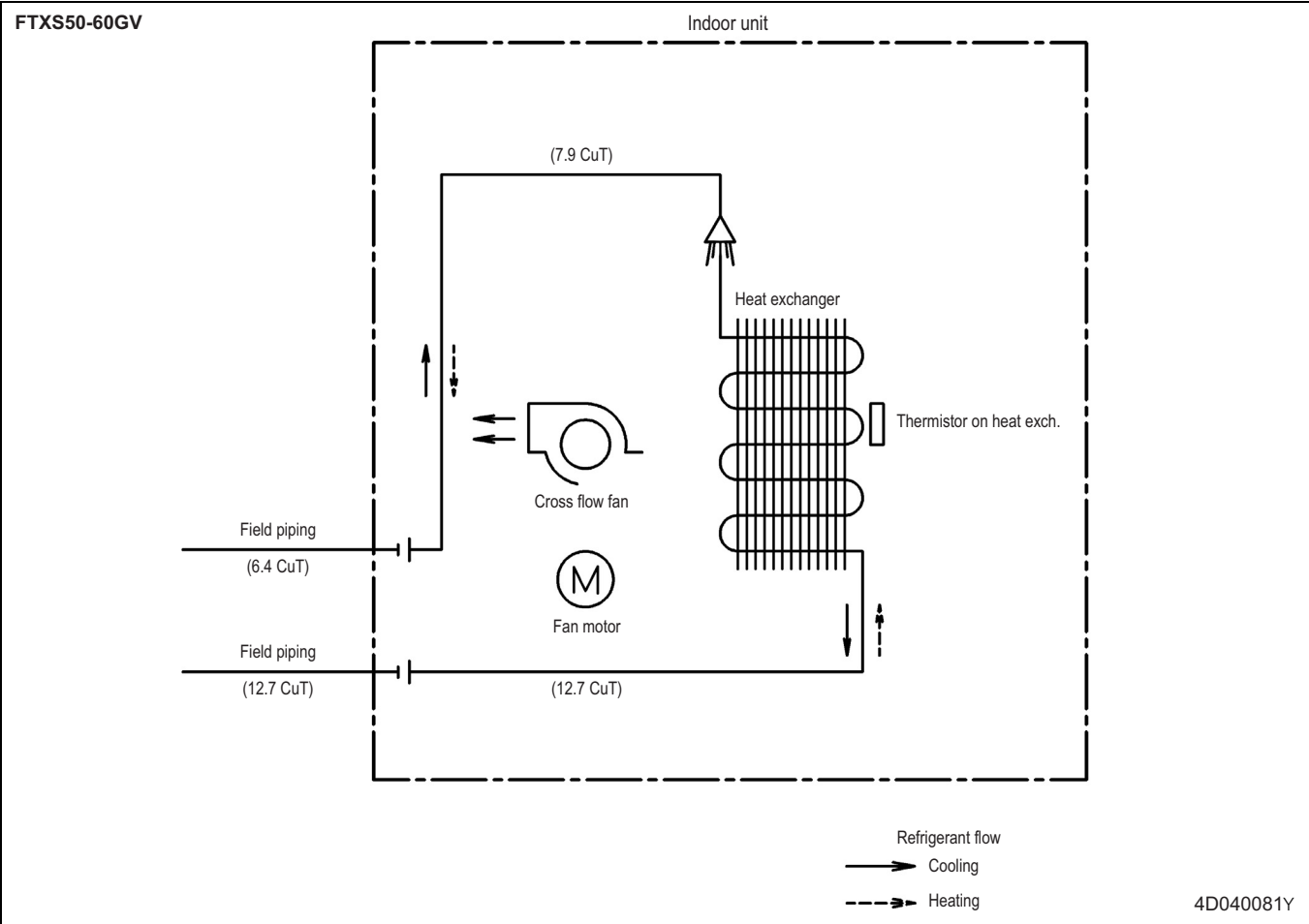
4 Centre of gravity

4 - 1 Centre of Gravity



5 Piping diagrams

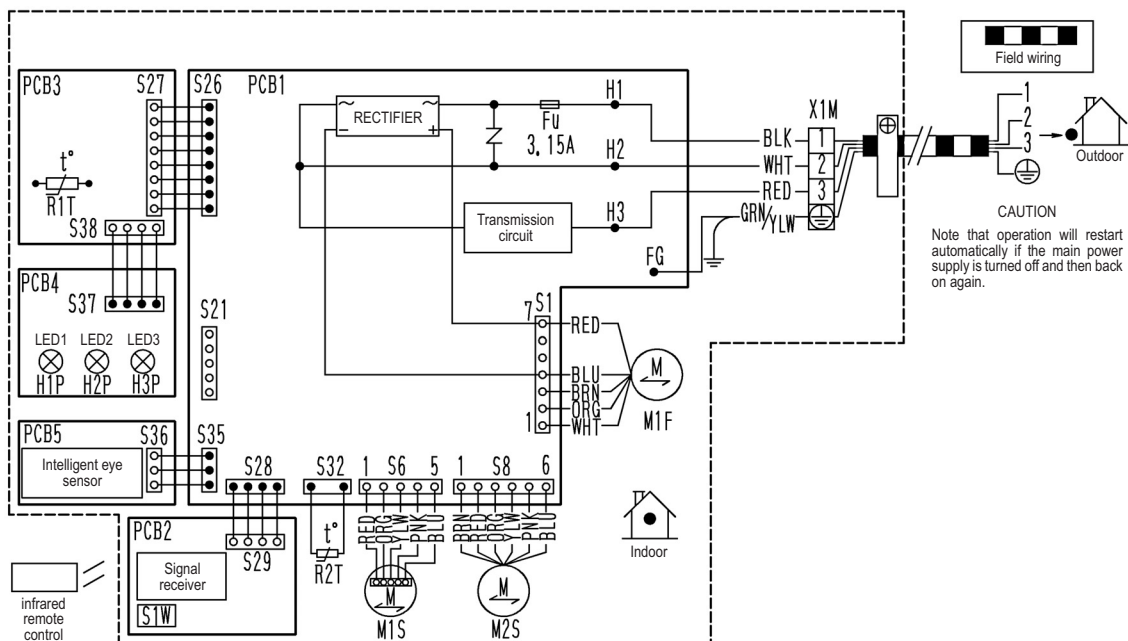
5 - 1 Piping Diagrams



6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase

FTX50-71GV



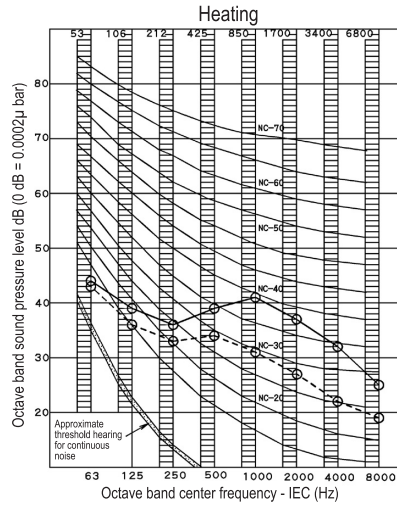
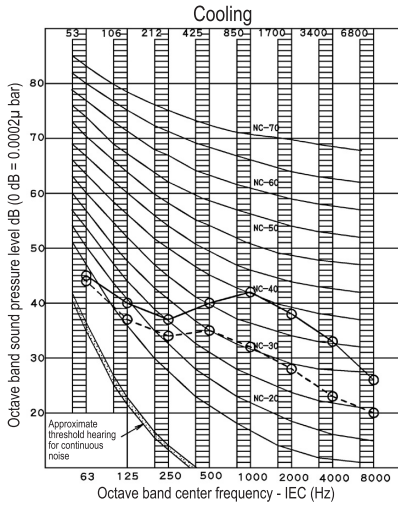
FG	Frame ground	PCB1~PCB5	Printed circuit board
FU	Fuse	R1T,R2T	Thermistor
H1~H3	Harness	S1~S38	Connector
H1P~H3P	Pilot lamp	S1W	Operation switch
M1F	Fan motor	X1M	Terminal strip
M1S, M2S	Swing motor	⊕	Protective earth

3D038530U

7 Sound data

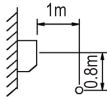
7 - 1 Sound Pressure Spectrum

FTX50GV



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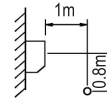
- Over All (dB):
(B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



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

NOTES

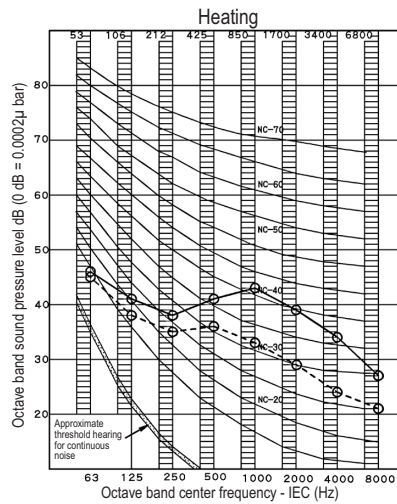
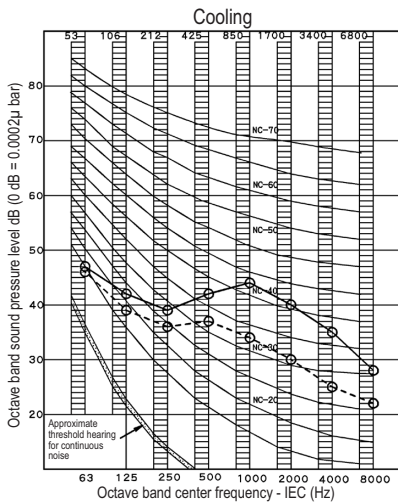
- Over All (dB):
(B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



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

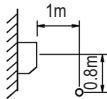
3D050979C

FTX60GV



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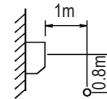
- Over All (dB):
(B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



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



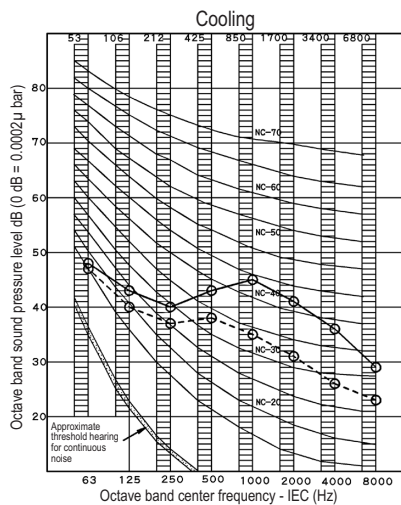
Scale	50Hz 220-240V	
	H	L
A	44	35

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7 Sound data

7 - 1 Sound Pressure Spectrum

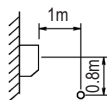
FTX71GV



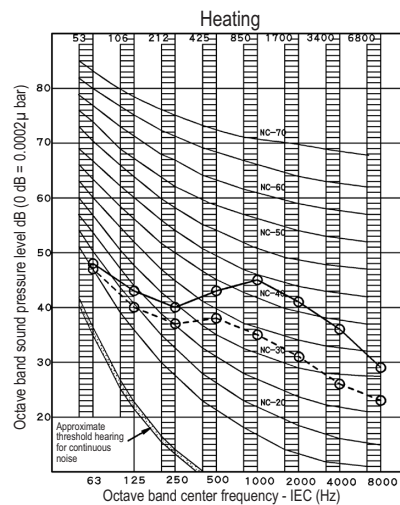
3D051225D

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



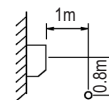
Scale	50Hz 220-240V	
	H	L
A	46	37



3D051225D

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

In all of us,
a green heart



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