



Air Conditioning Technical Data

Wall mounted unit



EEDEN13-100

FTX-GV

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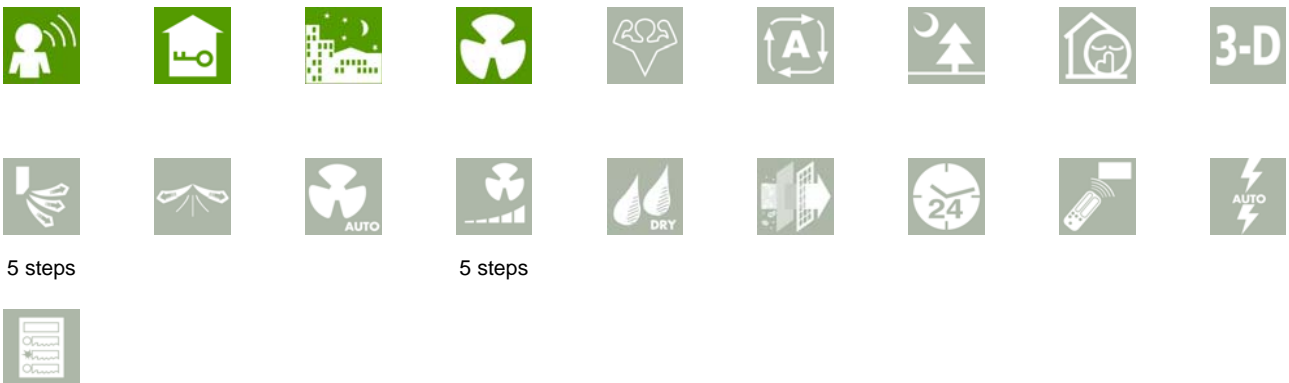
FTX-GV

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1 Features

- 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
- Horizontal auto swing moves the discharge flaps left and right for efficient air and temperature distribution throughout the room
- 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

1



2 Specifications

2-1 Technical Specifications				FTX50GV		FTX60GV		FTX71GV		
Power input	Cooling	Nom.	kW	0.034		0.040 (2) / 0.040 (3) / 0.040 (4)		0.045 (2) / 0.045 (3) / 0.045 (4)		
	Heating	Nom.	kW	0.036		0.045 (2) / 0.045 (3) / 0.045 (4)		0.060 (2) / 0.060 (3) / 0.06 (4)		
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	m ³ /min	14.7		16.2		17.4	
				cfm	519		572		614	
			Nom.	m ³ /min	14.7		16.2		17.4	
				cfm	519		572		614	
		Low	m ³ /min	10.3		11.4		11.6		
			cfm	364		403		410		
		Silent operation	m ³ /min	9.5		10.2		10.6		
			cfm	335		360		374		
	Heating	High	m ³ /min	16.1		17.4		19.7		
			cfm	568		614		696		
		Nom.	m ³ /min	13.9		15.1		16.9		
			cfm	491		533		597		
		Low	m ³ /min	11.5		12.7		14.3		
cfm			406		448		505			
Silent operation	m ³ /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/Nom.		dBA	59/59		61/60		-/63	
	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						
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						
Air filter	Type			Removable / washable / mildew proof						

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

Standard Accessories : Mounting plate; Quantity : 1;

Standard Accessories : Remote control holder; Quantity : 1;

Standard Accessories : Batteries; Quantity : 2;

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)
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 Options

3 - 1 Options

FTX-GV

Indoor Units - Control systems

		FTX50GV	FTX60GV	FTX71GV
Wired remote control (2)			BRC944	
Cord for wired remote control	3m		BRCV901A03	
	8m		BRCV901A08	
Wiring adapter normal open contact / normal open pulse contact			KBP412A1S	
Centralised control board	Up to 5 rooms		KRC72 (1)	
Anti-theft protection for remote control			KKF917A44	
Central remote controller			DCS302C51	
Unified ON/OFF control			DCS301B51	
Schedule timer			DST301B51	
Interface adapter for DIII-net			KRP928A2S	
Online controller			KKRP01A	
External mounting kit for online controller			KKRPM01A	
Wifi power cable for online controller			KKRPM01A	
Touch LCD wall controller (3)			KBRC01A	
Simple wall controller (3)			KBRC501A	
KNX gateway			KUK-DD	

(1) Wiring adapter is also required for each indoor unit.
 (2) Cord for wired remote control BRCV901A03 or BRCV901A08 required.
 (3) Can only be used in combination with online controller KKRPM01A.

Indoor Units

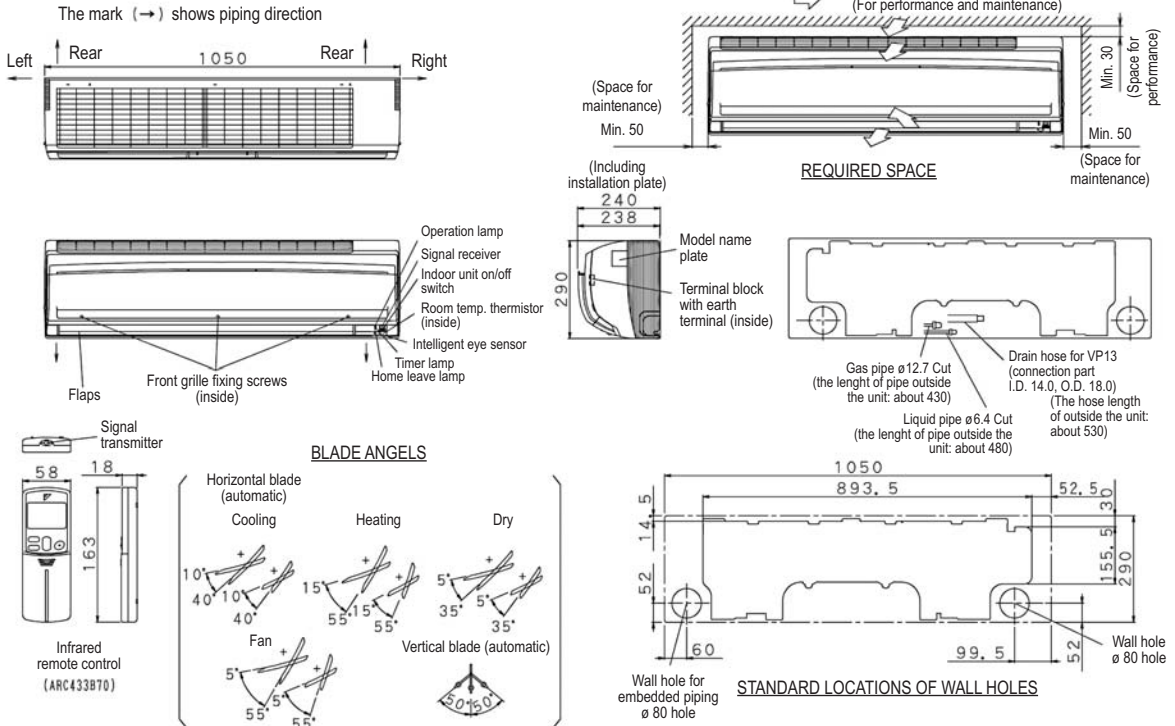
	FTX50GV	FTX60GV	FTX71GV
Titanium apatite photocatalytic air-purifying filter without frame		KAF952B4Z	

4 Dimensional drawings

4 - 1 Dimensional Drawings

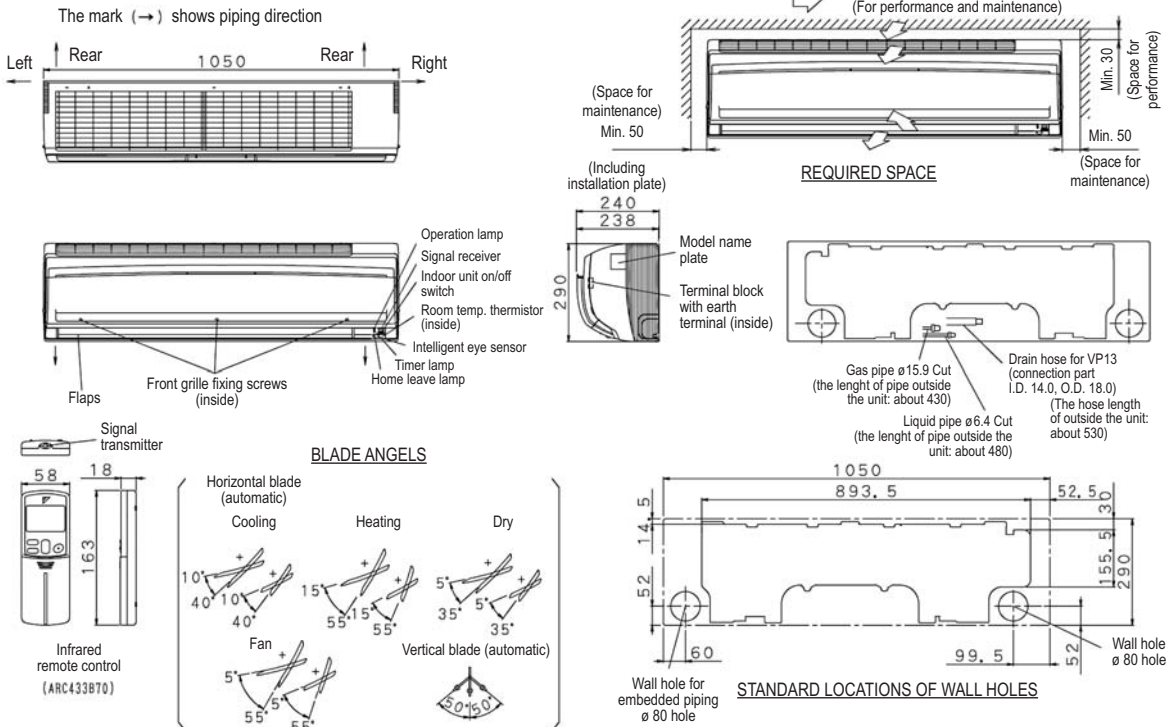
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FTX50-60GV



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FTX71GV

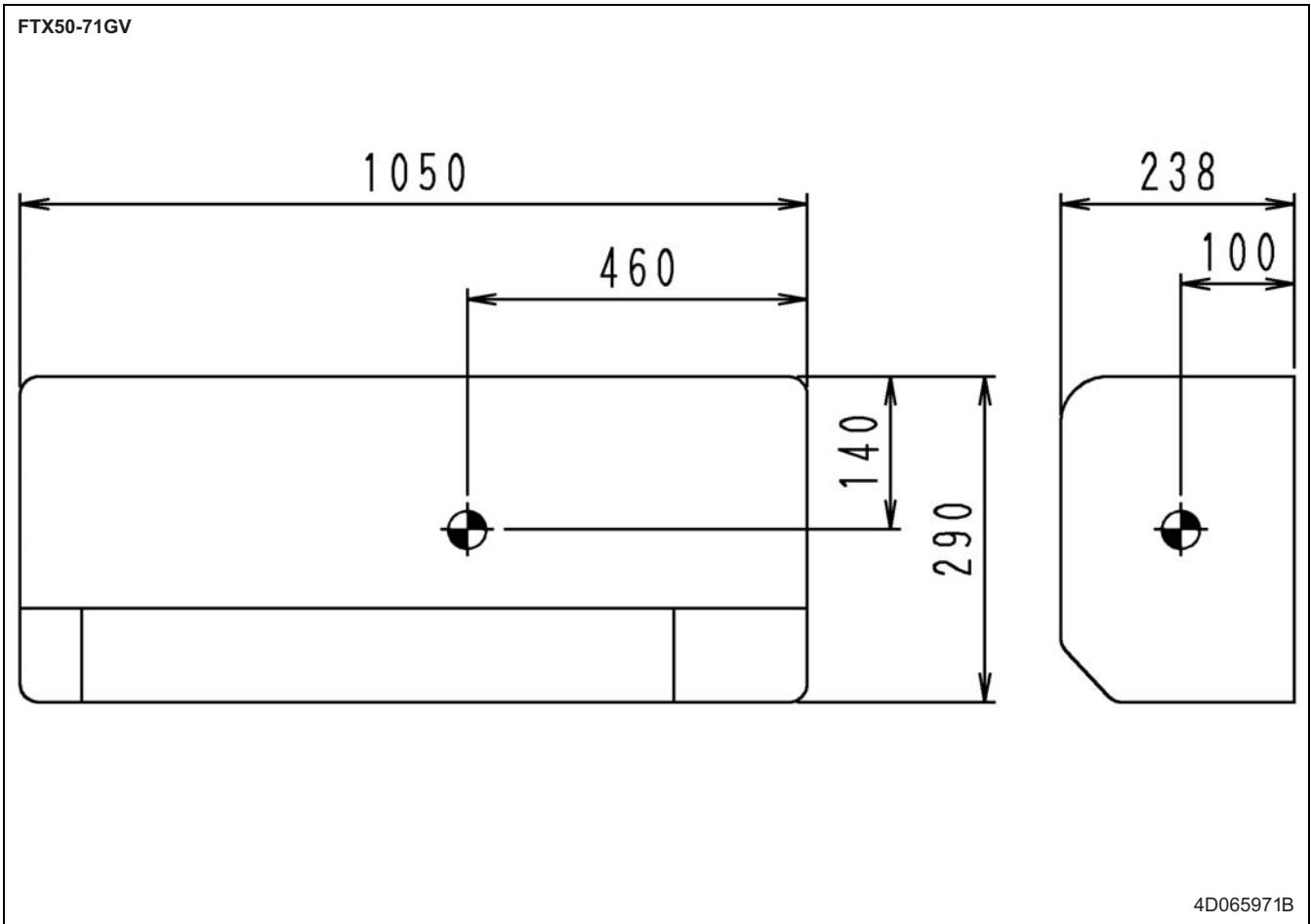


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5 Centre of gravity

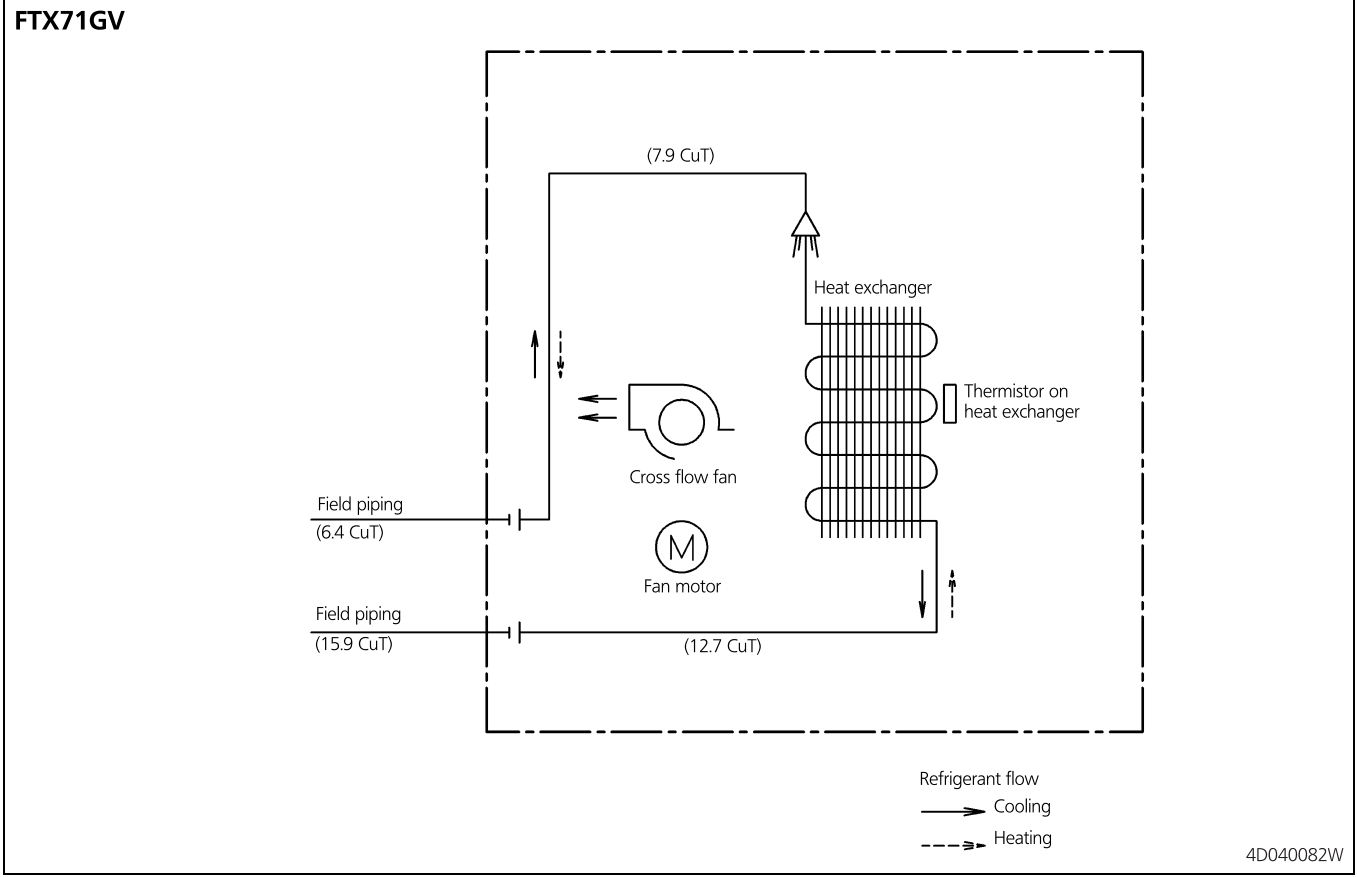
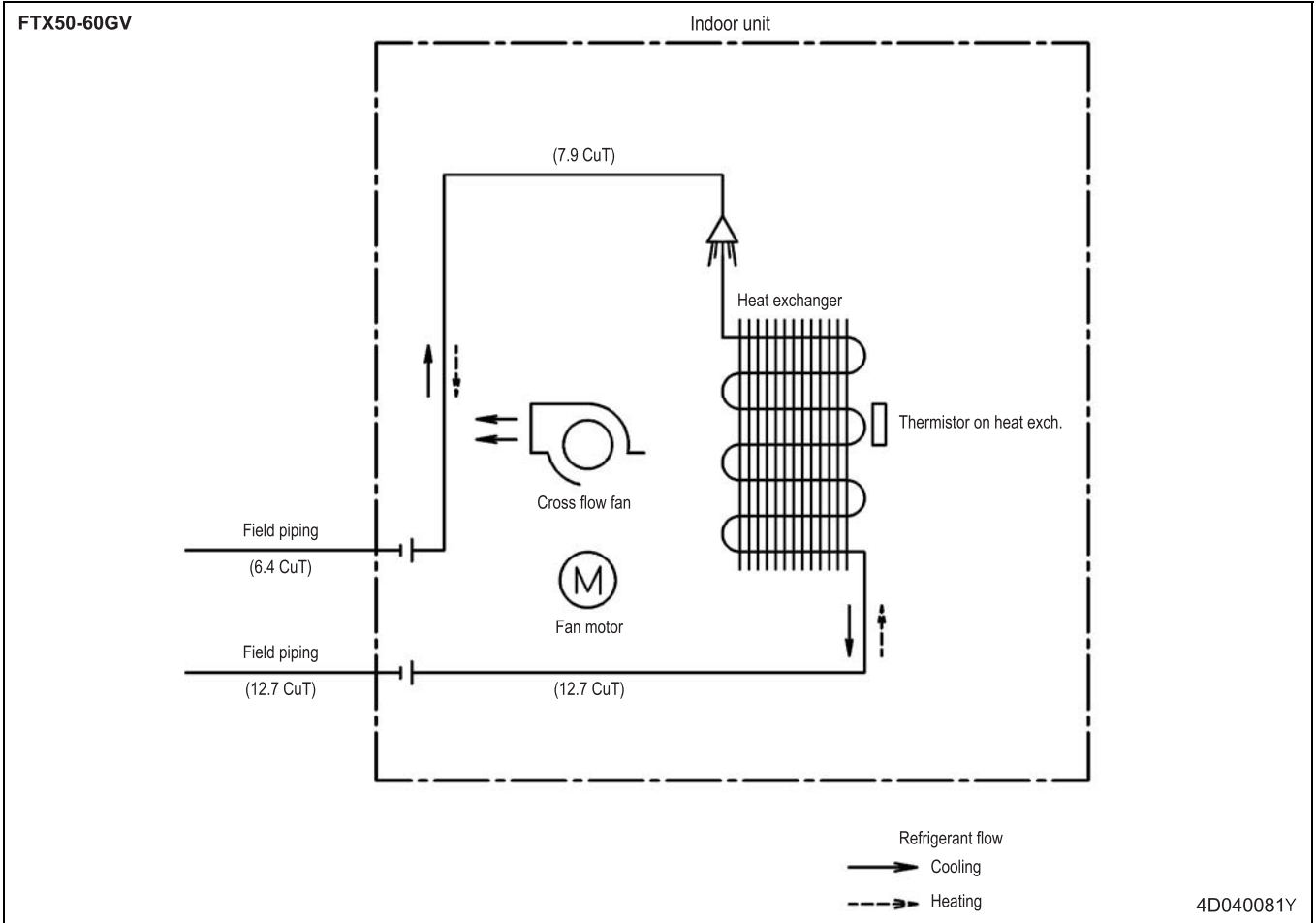
5 - 1 Centre of Gravity



6 Piping diagrams

6 - 1 Piping Diagrams

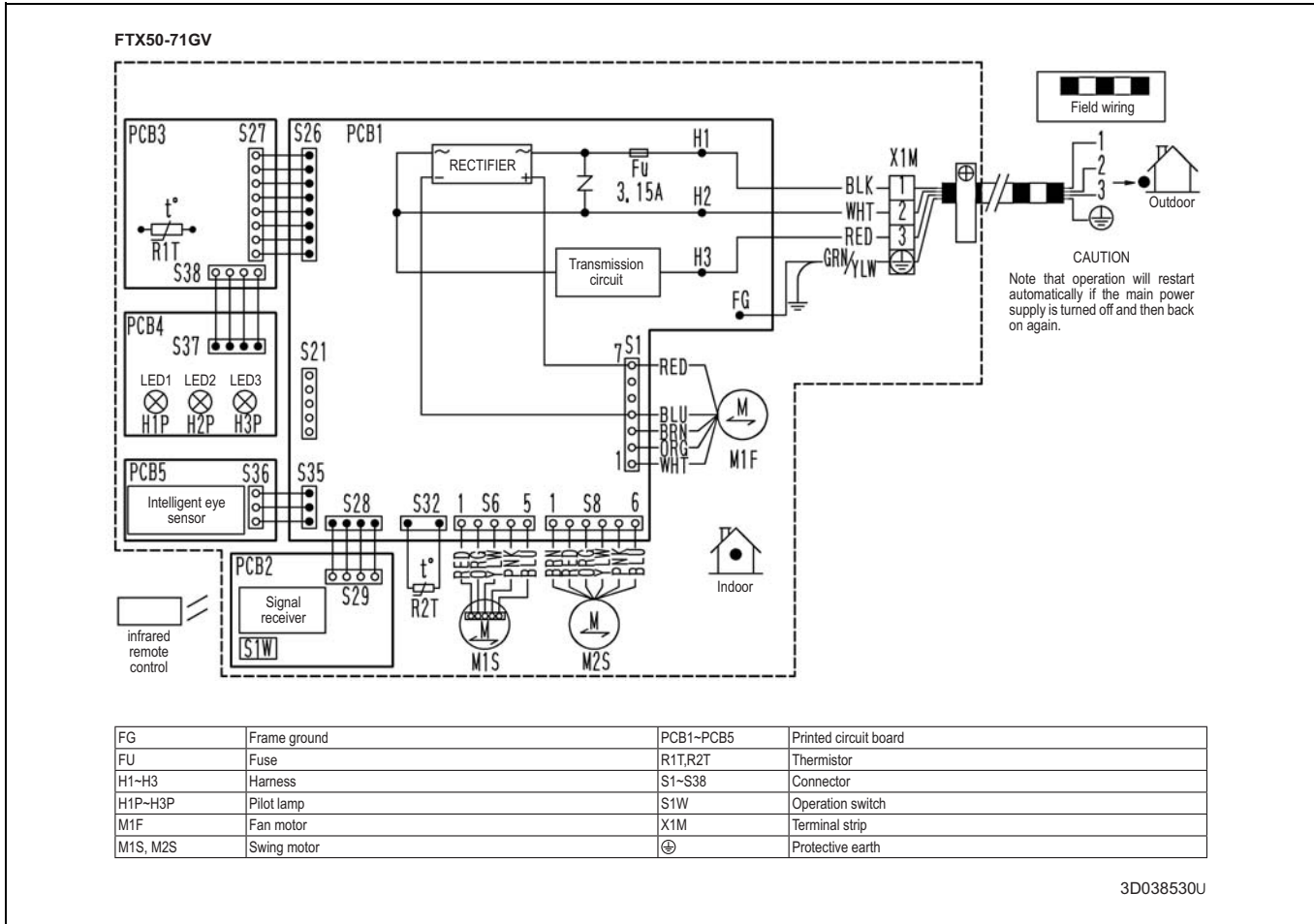
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7 Wiring diagrams

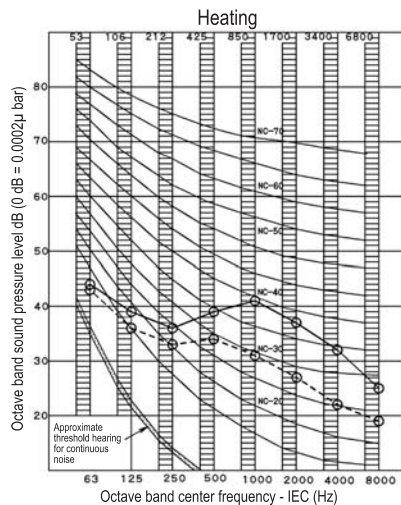
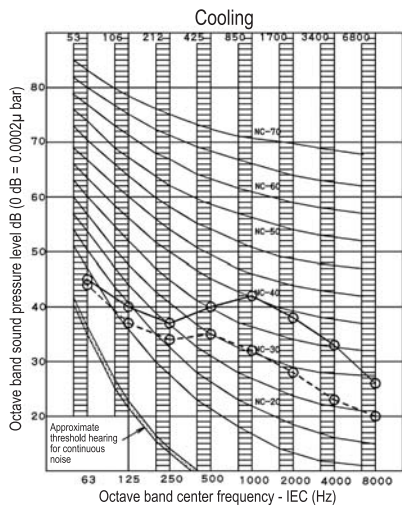
7 - 1 Wiring Diagrams - Single Phase



8 Sound data

8 - 1 Sound Pressure Spectrum

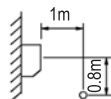
FTX50GV



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

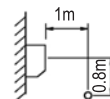
Scale	50Hz 220-240V	
	H	L
A	43	34



NOTES

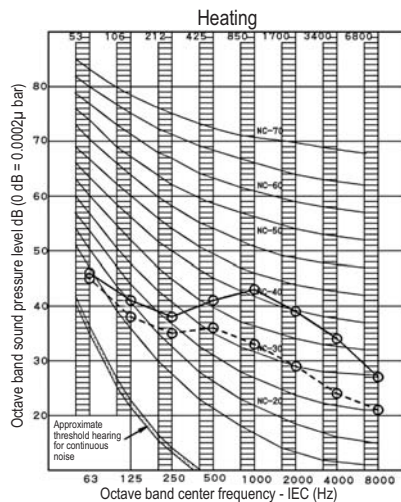
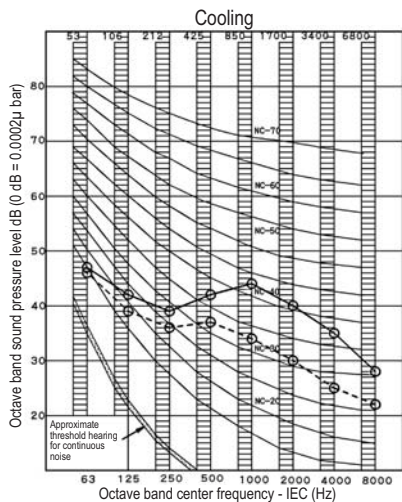
- Over All (dB): (B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone. JISC9612
The operation noise measuring method is in accordance with JISC9612

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



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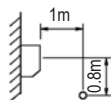
FTX60GV



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

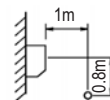
Scale	50Hz 220-240V	
	H	L
A	45	36



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

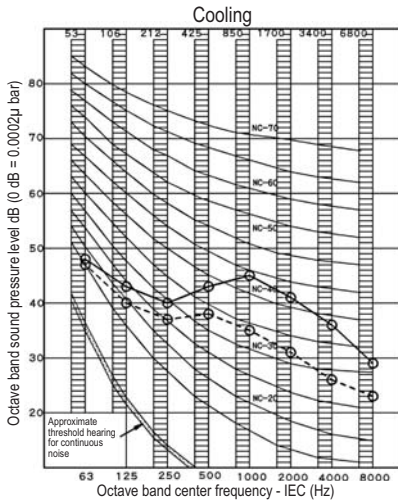


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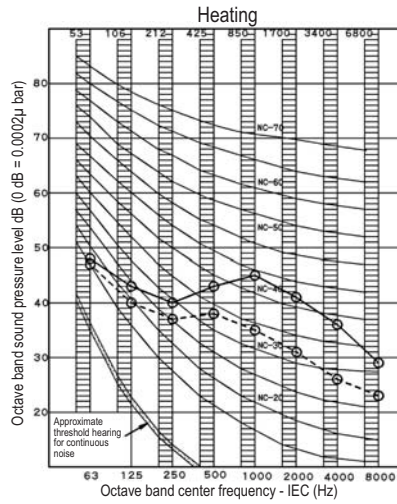
8 Sound data

8 - 1 Sound Pressure Spectrum

FTX71GV



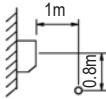
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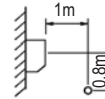
- 1 Over All (dB): (B,G,N is already rectified)
- 2 Measuring place: measure in anechoic room.
- 3 Operation noise differs with operation and ambient conditions.
- 4 Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



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

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