



Air Conditioning Technical Data

Wall mounted unit



EEDEN13-100

FTX-JV

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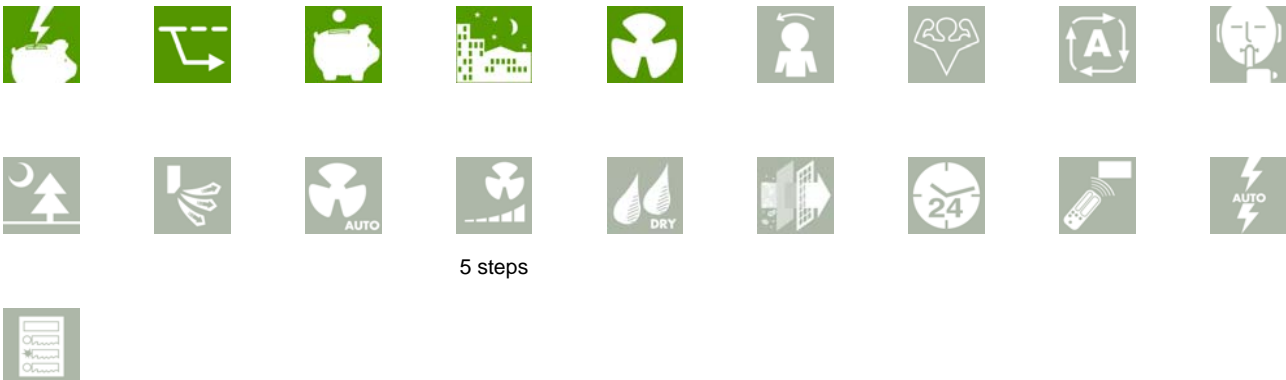
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1 Features

- Whisper quiet operation: down to 23dBA sound pressure level
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Comfort function mode activates the programmed temperature levels intended for a home occupied during the day; default setpoints are 21°C in heating mode and 24°C in cooling mode and can be changed by the user
- Night set mode saves energy by preventing overcooling or overheating during night time
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Whisper quiet operation: down to 22dBA sound pressure level
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Indoor unit silent operation: "silent" button on the remote control lowers the operation sound of the indoor unit by 3dBA
- 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
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room

1



2 Specifications

2-1 Technical Specifications				FTX20JV	FTX25JV	FTX35JV	
Power input	Cooling	Nom.	kW	0.040			
	Heating	Nom.	kW	0.040			
Casing	Colour			White			
Dimensions	Unit	Height/Width/Depth		mm	283/770/198		
	Packed unit	Height/Width/Depth		mm	344/840/263		
Weight	Unit			kg	7		
	Packed unit			kg	11		
Heat exchanger	Length			mm	610		
	Rows	Quantity		2			
	Fin pitch			mm	1.4		
	Stages	Quantity		14			
	Tube type			ø7 Hi-XA		Hi-XA	
	Fin	Type		ML fin (Multi louver)			
Fan	Type			Cross flow fan			
	Air flow rate	Cooling	High	m ³ /min	9.1	9.2	9.3
				cfm	321	325	328
			Nom.	m ³ /min	9.1	9.2	9.3
				cfm	321	325	328
		Low	m ³ /min	5.9	6.0	6.1	
			cfm	208	212	215	
		Silent operation	m ³ /min	4.7	4.8	4.9	
			cfm	166	169	173	
	Heating	High	m ³ /min	9.4	9.7	10.1	
			cfm	331	342	356	
		Nom.	m ³ /min	7.8	8.0	8.4	
			cfm	276	283	295	
		Low	m ³ /min	6.3		6.7	
			cfm	222		235	
		Silent operation	m ³ /min	5.5		5.7	
cfm			194		201		
Fan motor	Model			MM6C02J2V			
	Speed	Steps		5 + silent, + auto			
		Cooling	High/Medium/Low/Silent operation	rpm	1,210/990/780/630	1,250/1,030/820/630	1,300/1,070/850/680
	Heating	High/Medium/Low/Silent operation	rpm	1,260/1,090/920/820	1,300/1,110/920/820	1,340/1,150/960/850	
	Output	High		W	16		
Sound power level	Cooling	Nom.	dBA	55		58	
	Heating	High	dBA	55	56	57	
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	39/33/25/22	40/33/26/22	41/34/27/23
	Heating	Super high/High/Nom./Low/Silent operation		dBA	-/39/34/28/25	-/40/34/28/25	-/41/35/29/26
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD		6.35			
	Gas	OD		9.5			
	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 : ; Quantity : Titanium apatite photocatalytic air purification filter without frame;

Standard Accessories : Operation manual; Quantity : 1;

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

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 : Infrared remote control; Quantity : 1;

Standard Accessories : Installation manual; Quantity : 1;

2 Specifications

2-2 Electrical Specifications				FTX20JV	FTX25JV	FTX35JV
Power supply	Name			V1		
	Phase			1~		
	Frequency		Hz	50		
	Voltage		V	220-240		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.18		
		Heating	A	0.18		
Wiring connections - 50Hz	For power supply	Quantity		3		
		Remark		3 for power supply, 4 for interunit wiring (Earth wire included)		

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3 Options

3 - 1 Options

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Indoor Units - Control systems

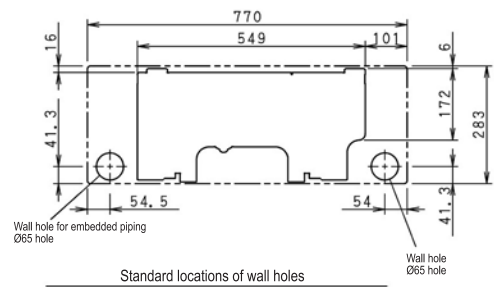
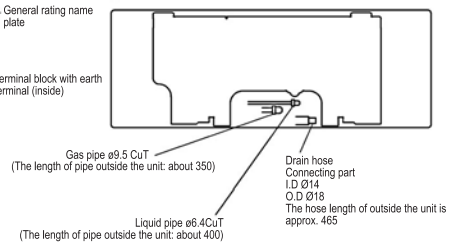
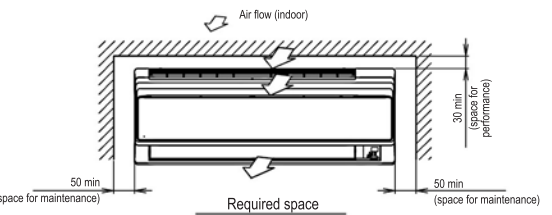
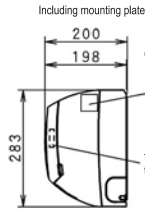
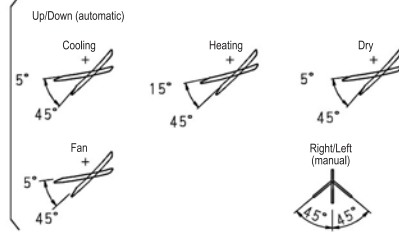
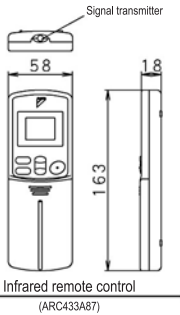
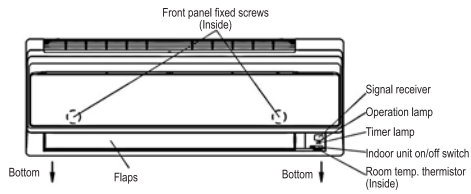
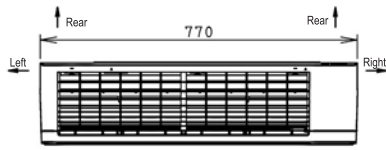
		FTX20JV	FTX25JV	FTX35JV
Wired remote control (1)			BRC944	
Cord for wired remote control	3m		BRCW901A03	
	8m		BRCW901A08	
Anti-theft protection for remote control			KFP917A04	
Interface adapter for wired remote control			KRP980A1	

(1) Cord for wired remote control BRCW901A03 or BRCW901A08 required.

4 Dimensional drawings

4 - 1 Dimensional Drawings

FTX-JV



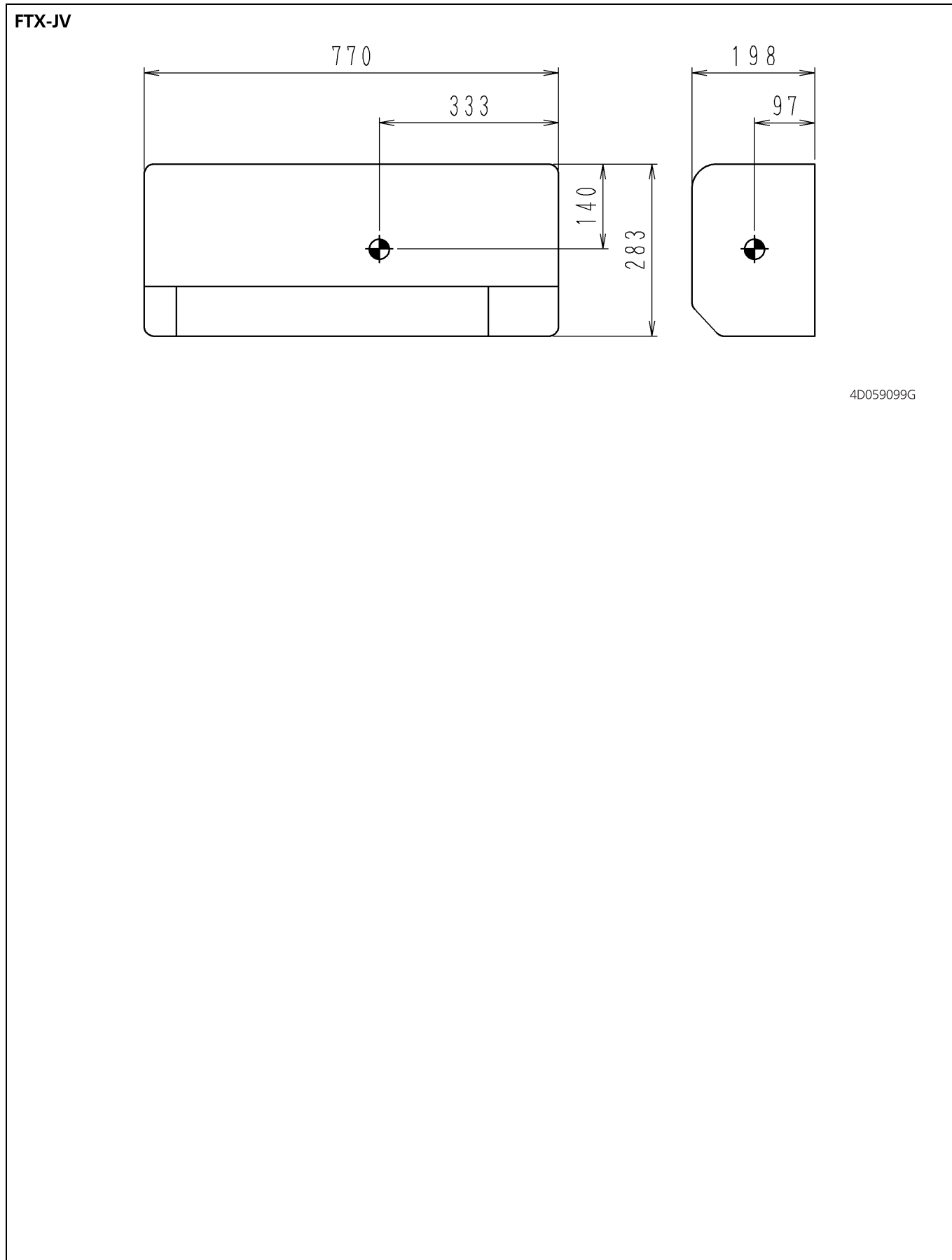
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NOTES

1. The mark (→) shows piping direction.

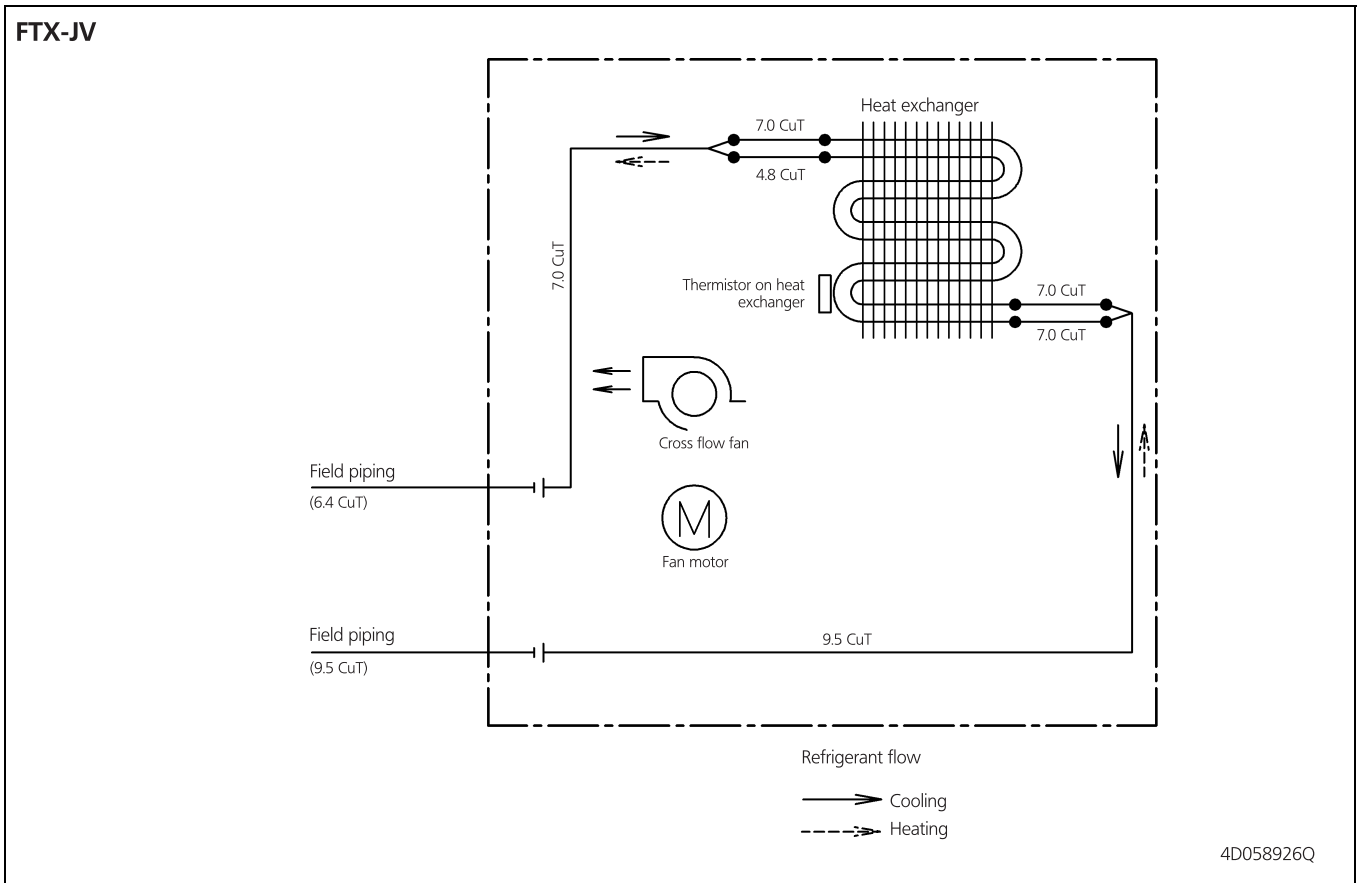
5 Centre of gravity

5 - 1 Centre of Gravity



6 Piping diagrams

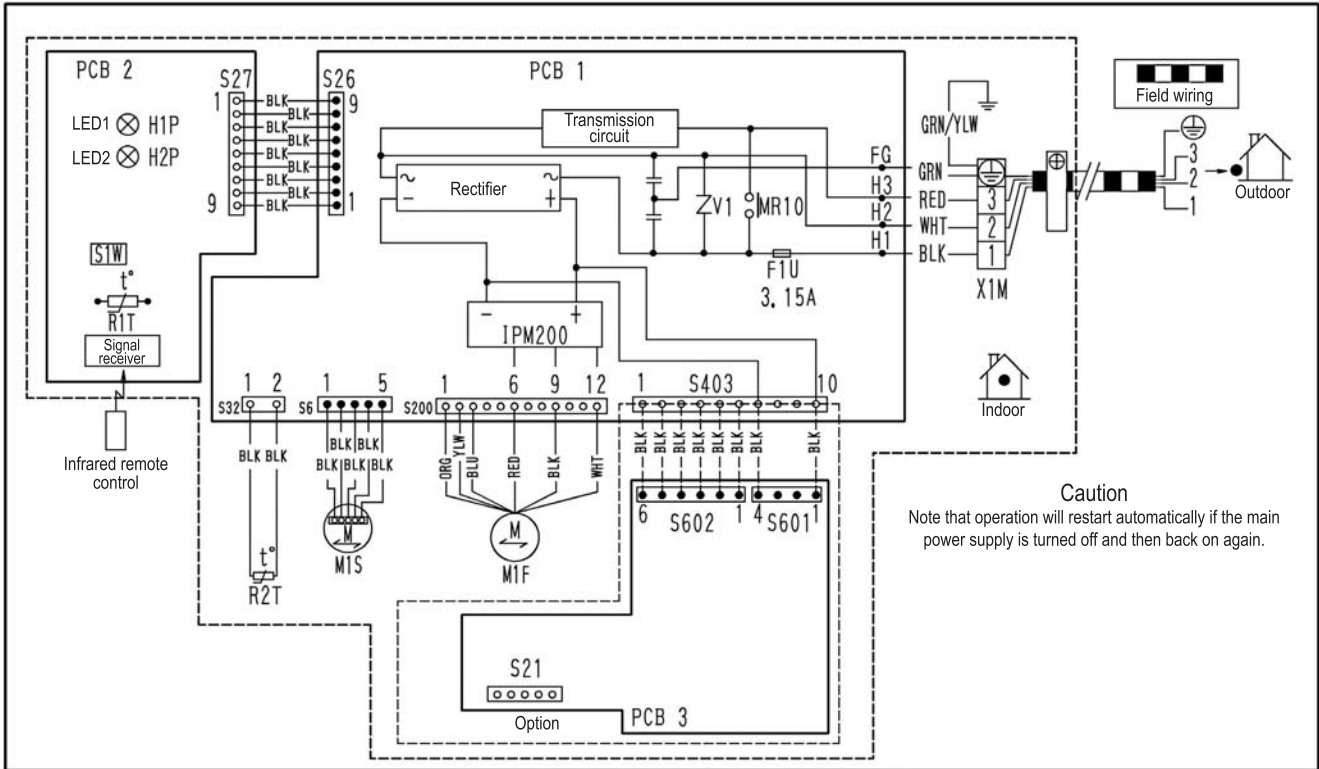
6 - 1 Piping Diagrams



7 Wiring diagrams

7 - 1 Wiring Diagrams - Single Phase

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FG	Frame ground	R1T, R2T	Thermistor
F1U	Fuse	S6-S602	Connector
H1-H3	Harness	S1W	Operation switch
H1P, H2P	Pilot lamp	X1M	Terminal strip
M1F	Fan motor	⊕	Protective earth
M1S	Swing motor		
PCB1-PCB3	Printed circuit board		

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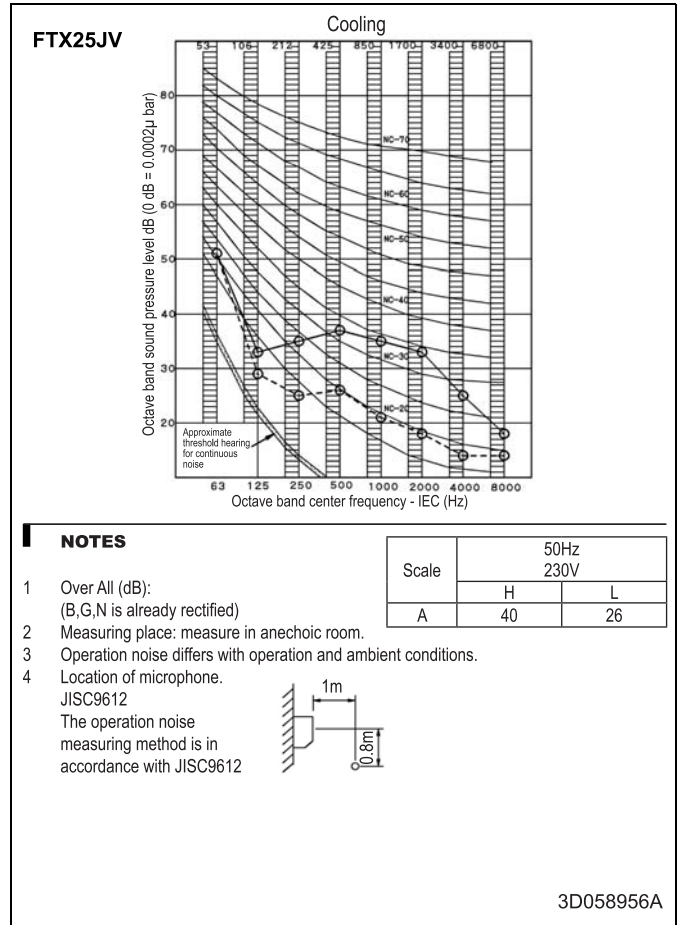
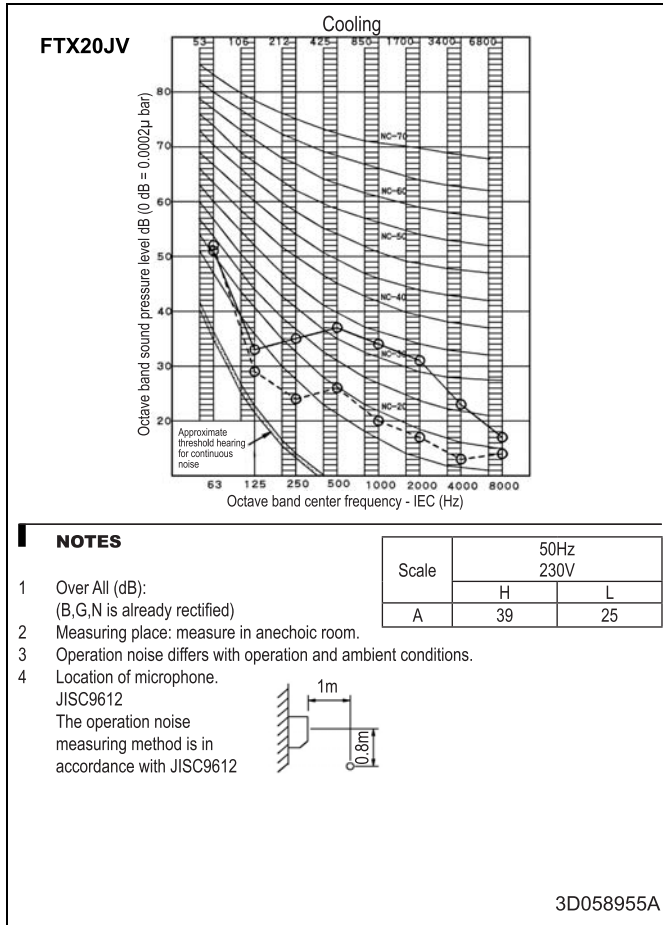
NOTE

1 PCB3 is showing the case of option connection.

8 Sound data

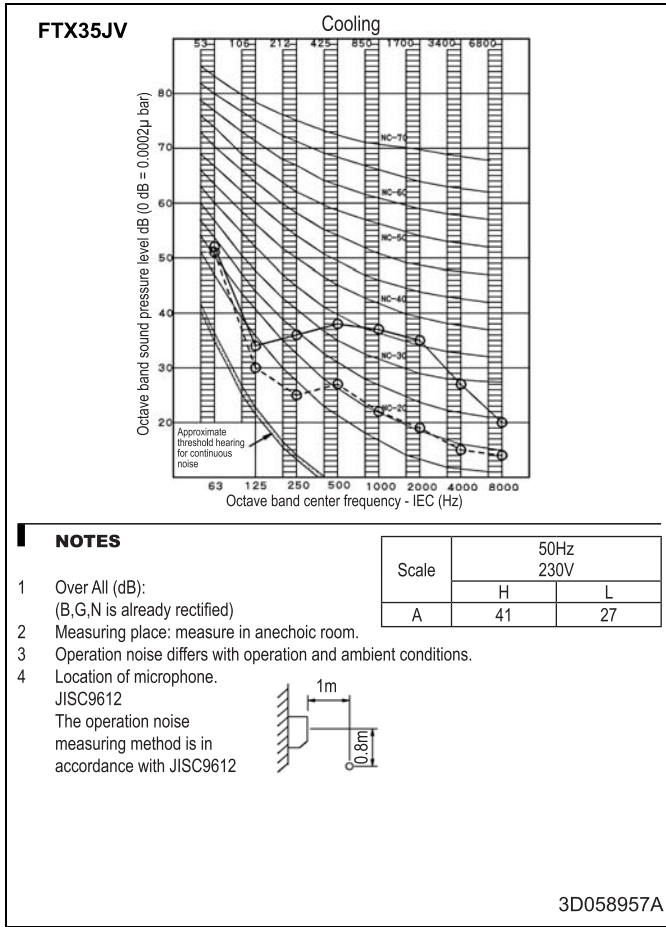
8 - 1 Sound Pressure Spectrum - Cooling

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8 Sound data

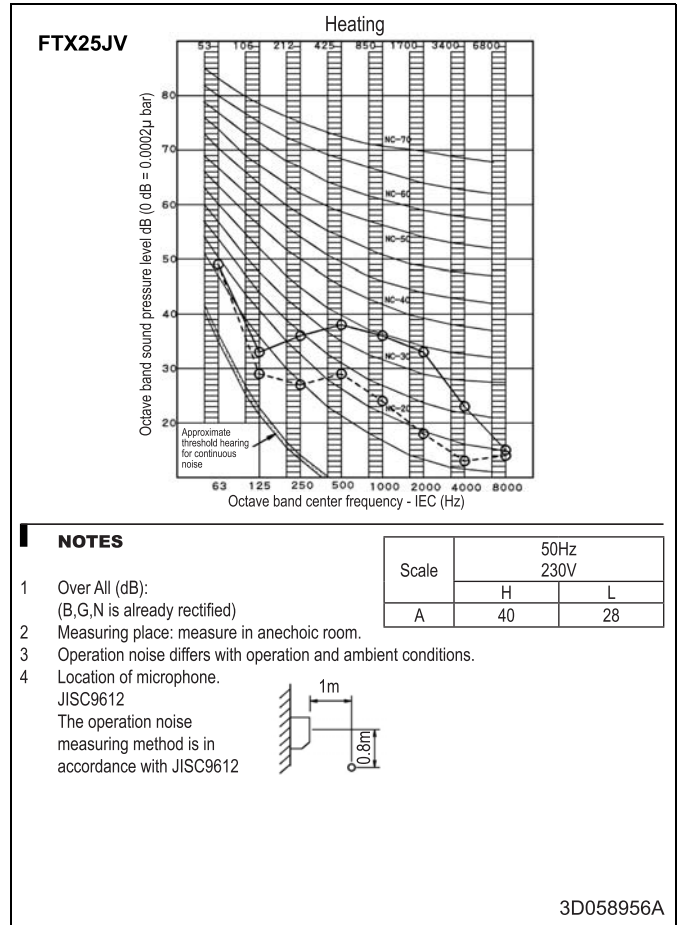
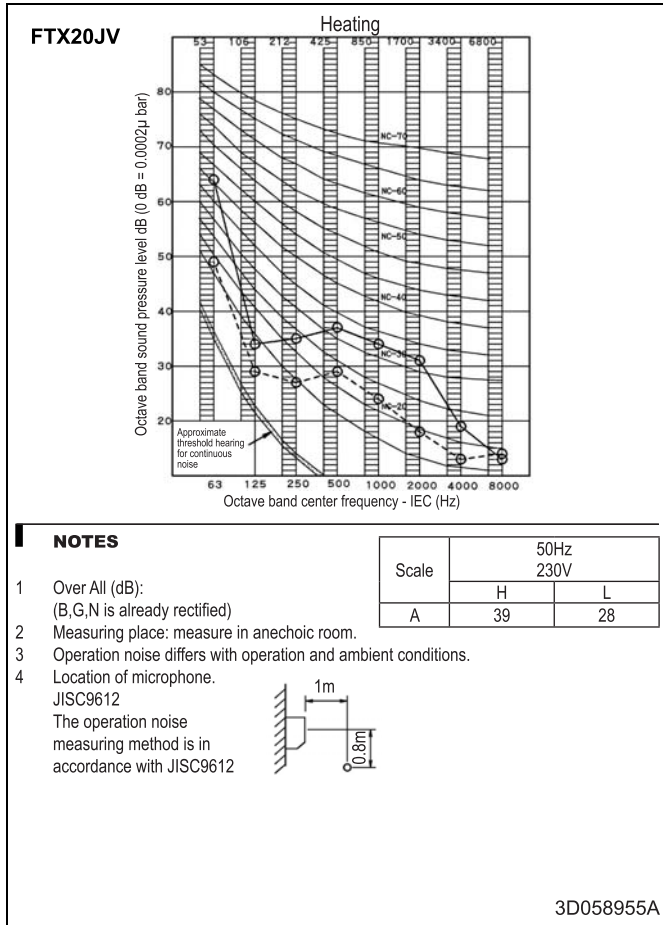
8 - 1 Sound Pressure Spectrum - Cooling



8 Sound data

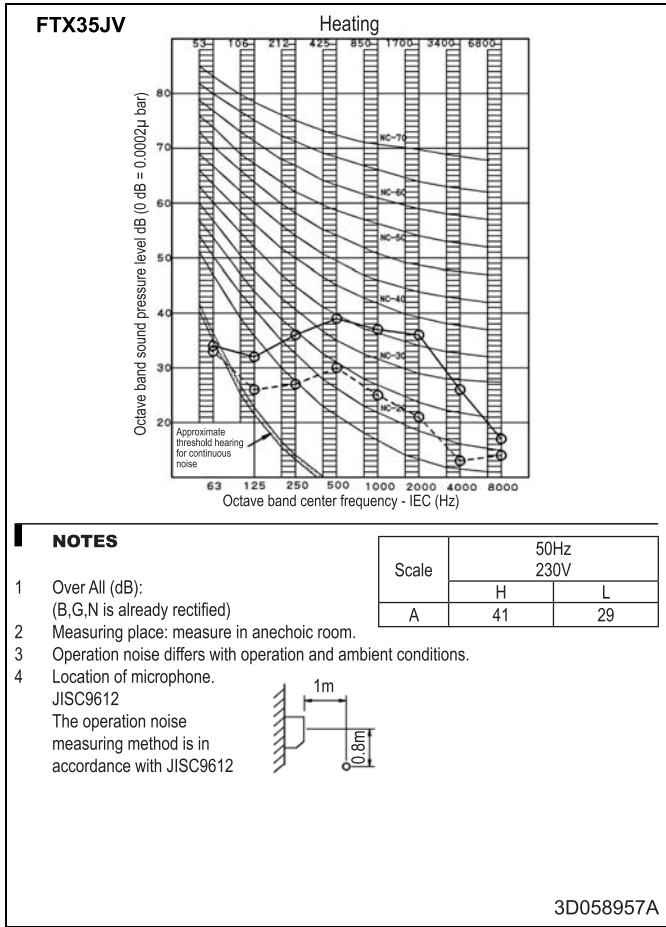
8 - 2 Sound Pressure Spectrum - Heating

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8 Sound data

8 - 2 Sound Pressure Spectrum - Heating





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