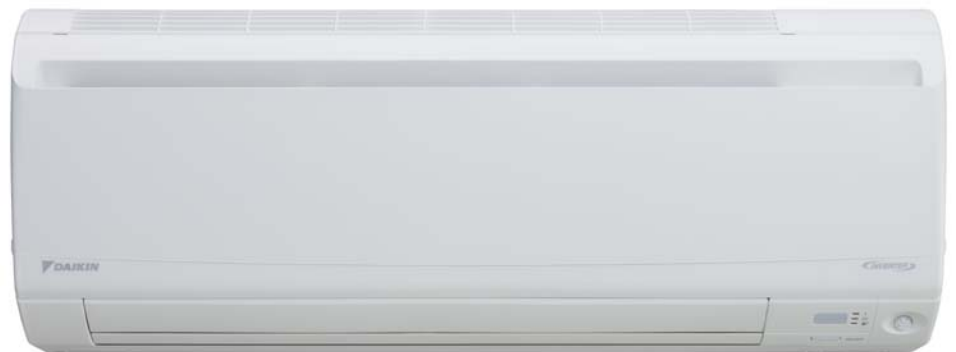




Air Conditioning Technical Data

Wall mounted unit



EEDEN13-003

FTXS-J

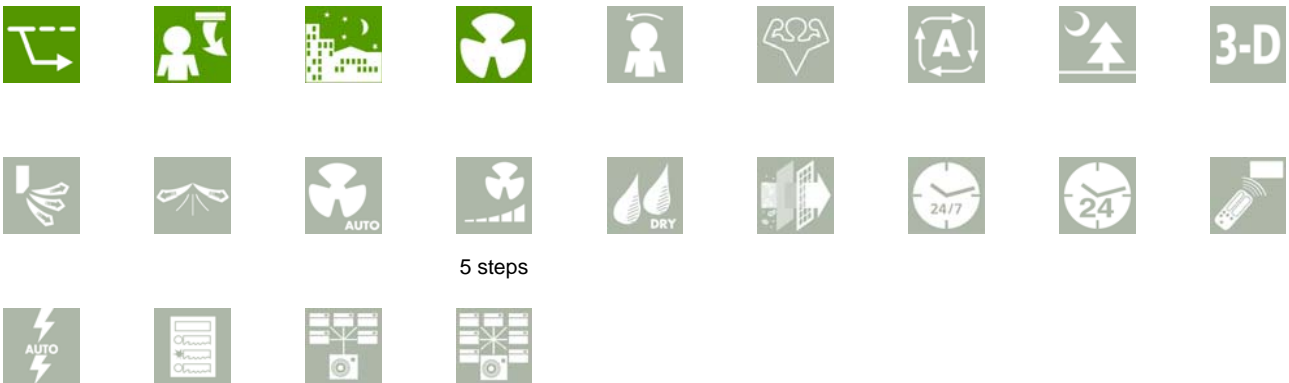
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FTXS-J

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1 Features

- 2 area intelligent eye: air flow is sent to a zone other than where the person is located at that moment; if two people are detected in the room, the air flow is projected away from the occupants; if no people are detected, the unit will automatically switch over to the energy-efficient setting.
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- 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
- 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
- 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



5 steps

2 Specifications

2-1 Technical Specifications				FTXS35J	FTXS42J	FTXS50J	
Casing	Colour			White			
Dimensions	Unit	Height/Width/Depth	mm	295/800/215			
	Packed unit	Height/Width/Depth	mm	366/870/289			
Weight	Unit		kg	10			
	Packed unit		kg	14			
Heat exchanger	Length		mm	605 / 602.7			
	Rows	Quantity		2			
	Fin pitch		mm	1.2			
	Stages	Quantity		18			
	Tube type		ø6.35 Hi-XU tube				
	Fin	Type		ML fin (Multi louver)			
Heat exchanger 2	Rows	Quantity		1			
	Fin pitch		mm	1.6			
	Stages	Quantity		12			
Fan	Type			Cross flow fan			
	Air flow rate	Cooling	High	m ³ /min	11.4	11.3	11.6
				cfm	403	399	410
			Nom.	m ³ /min	11.4	11.3	10.2
				cfm	403	399	360
			Low	m ³ /min	5.8	6.8	7.0
				cfm	205	240	247
		Silent operation	m ³ /min	4.4	5.9	6.0	
			cfm	155	208	212	
		Heating	High	m ³ /min	12.4	12.2	12.1
				cfm	438	431	427
			Nom.	m ³ /min	9.5	9.7	9.8
				cfm	335	343	346
	Low		m ³ /min	6.8	7.3	7.6	
			cfm	240	258	268	
	Silent operation	m ³ /min	6.0	6.4	6.7		
cfm		212	226	237			
Fan motor	Model			KFD-280-23-8A			
	Speed	Steps		5 + silent, + auto			
		Cooling	High/Medium/Low/Silent operation	rpm	1,480/1,190/900/760	1,480/1,250/1,020/930	1,530/1,290/1,060/960
		Heating	High/Medium/Low/Silent operation	rpm	1,550/1,260/980/900	1,550/1,300/1,050/960	1,550/1,320/1,090/1,000
	Output	High		W			
Sound power level	Cooling	Nom.	dB(A)	59		60	
	Heating	Nom.	dB(A)	61		63	
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dB(A)	45/39/33/30	46/40/34/31	
	Heating	Super high/High/Nom./Low/Silent operation		dB(A)	-/45/39/33/30	-/47/41/34/31	
Piping connections	Liquid	OD		6.35			
	Gas	OD		9.52		12.7	
	Drain	I.D. 14.0/O.D. 18.0					
Temperature control				Microcomputer control			
Air direction control				Right, Left, Horizontal, Downward			
Air filter	Type			Removable / washable / mildew proof			

Standard Accessories : Mounting plate; Quantity : 1;

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

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 : 2;

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

2 Specifications

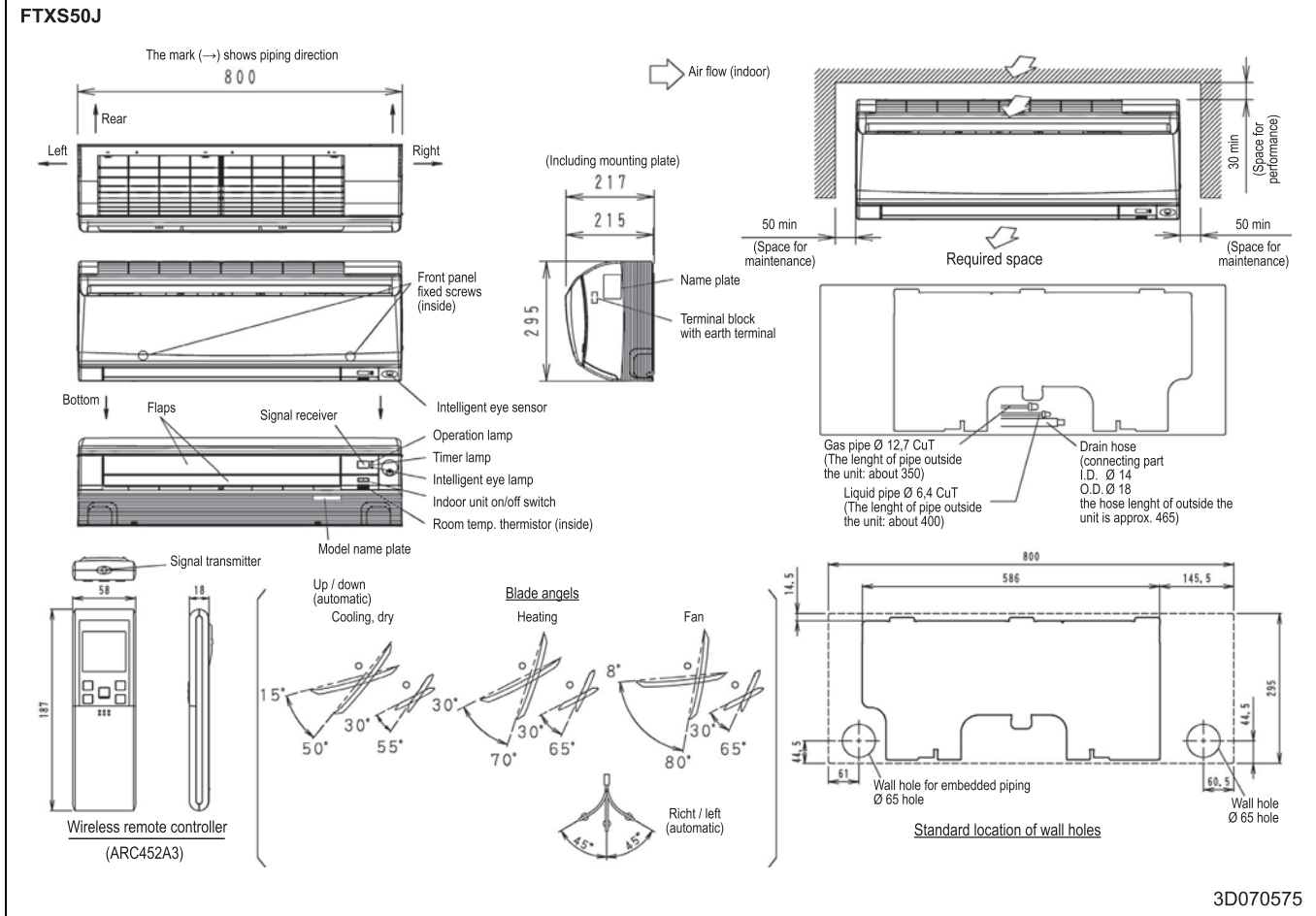
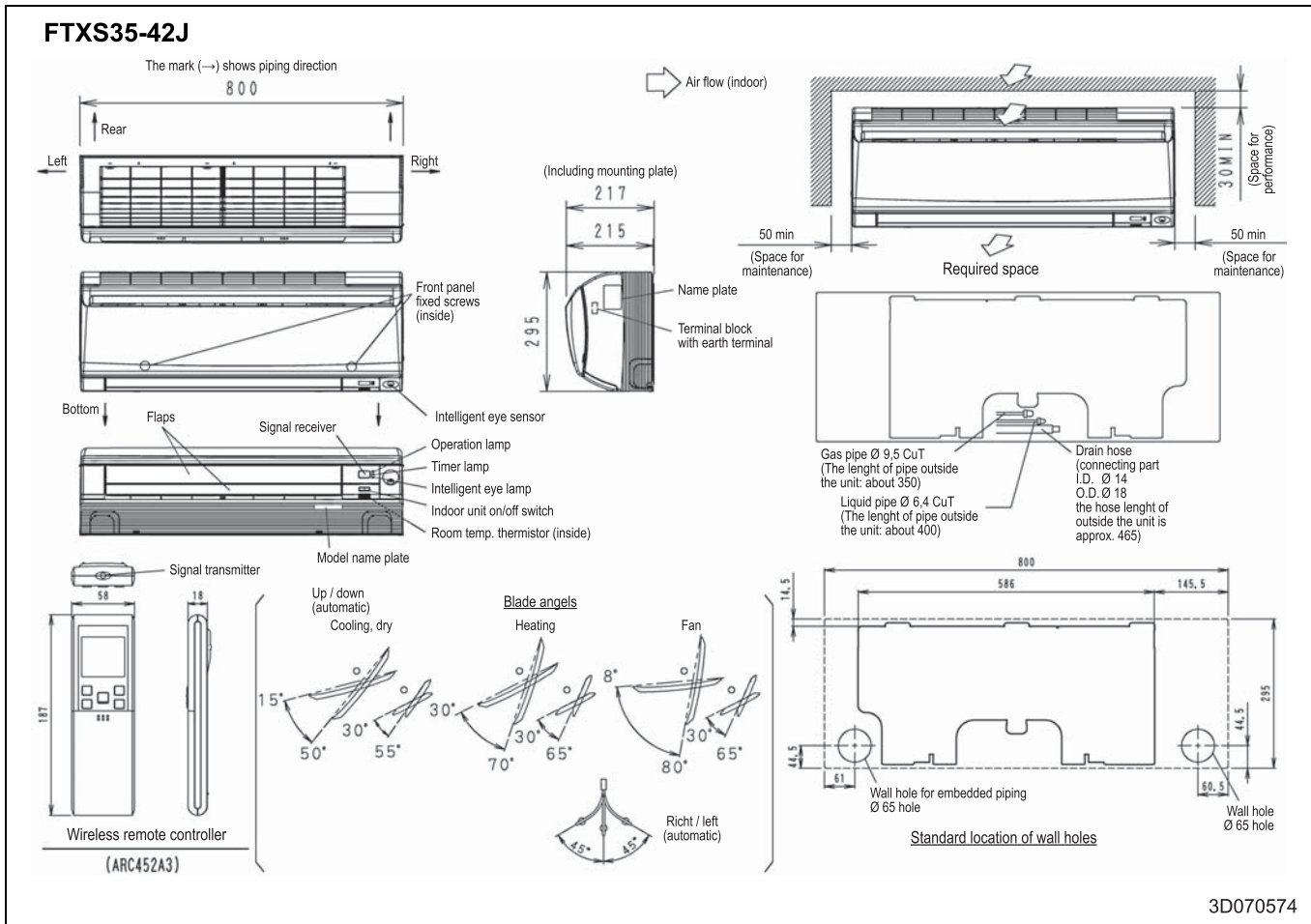
2-2 Electrical Specifications				FTXS35J	FTXS42J	FTXS50J
Power supply	Phase			1~		
	Frequency		Hz	50		
	Voltage		V	220-240		
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.12 (1) / 0.12 (2) / 0.11 (3)	0.11 (1) / 0.11 (2) / 0.11 (3)	0.12 (1) / 0.12 (2) / 0.11 (3)
		Heating	A	0.13 (1) / 0.13 (2) / 0.12 (3)	0.14 (1) / 0.14 (2) / 0.13 (3)	0.15 (1) / 0.14 (2) / 0.14 (3)

Notes

- (1) 220V
- (2) 230V
- (3) 240V

3 Dimensional drawings

3 - 1 Dimensional Drawings

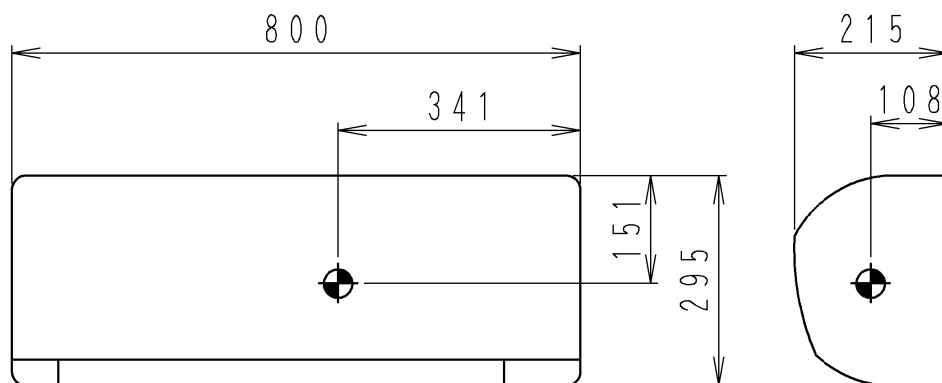


4 Centre of gravity

4 - 1 Centre of Gravity

4

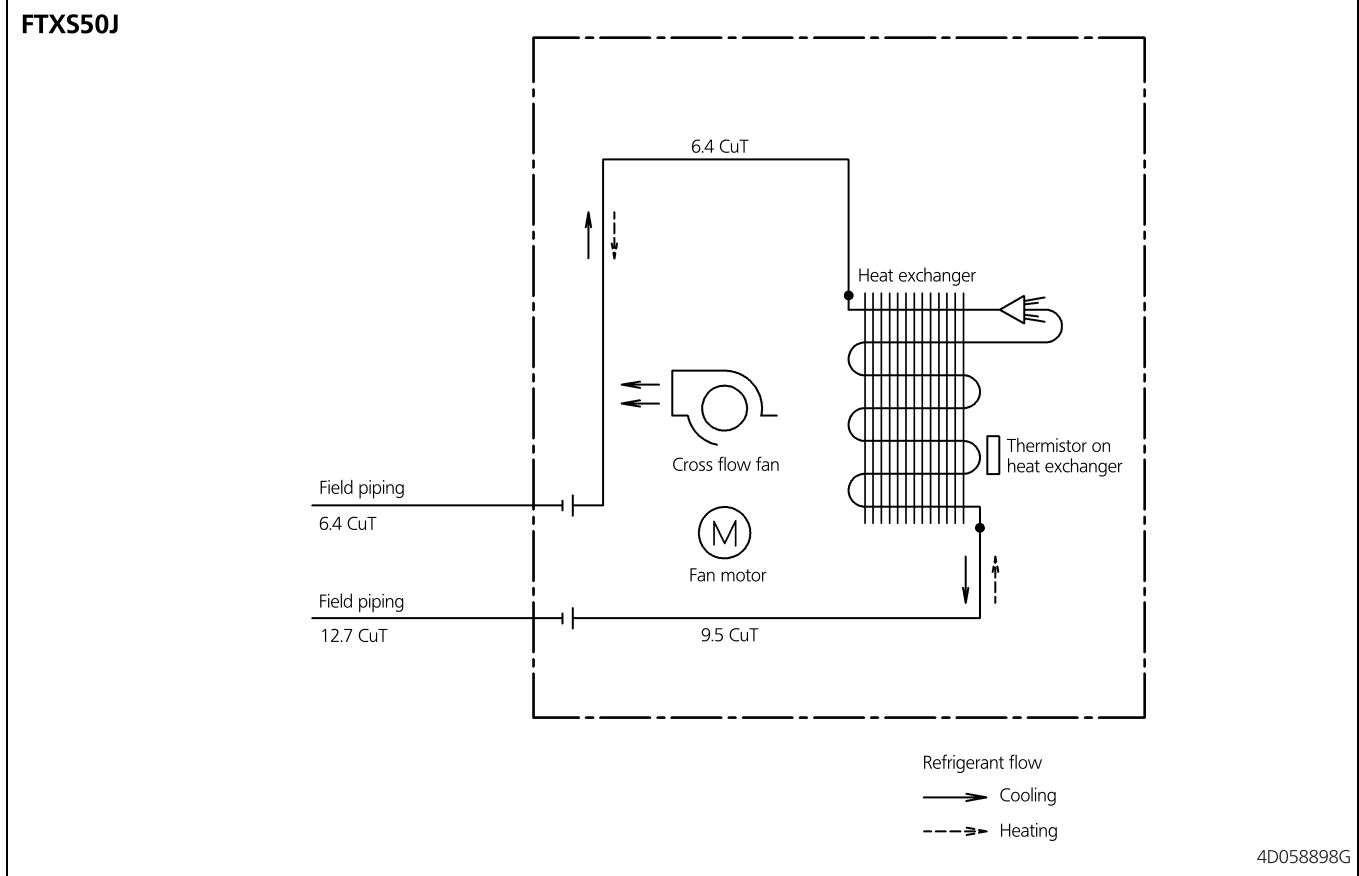
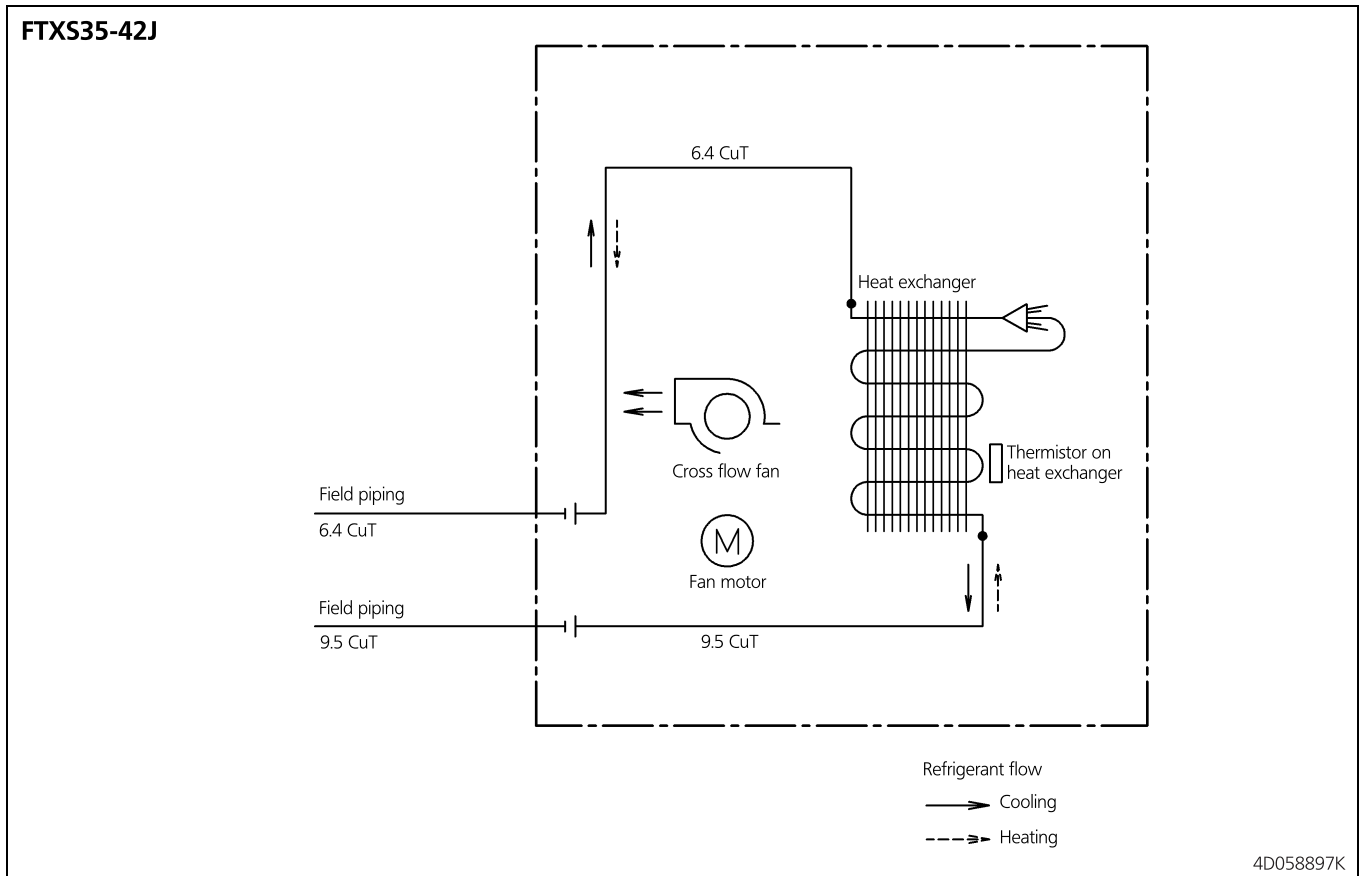
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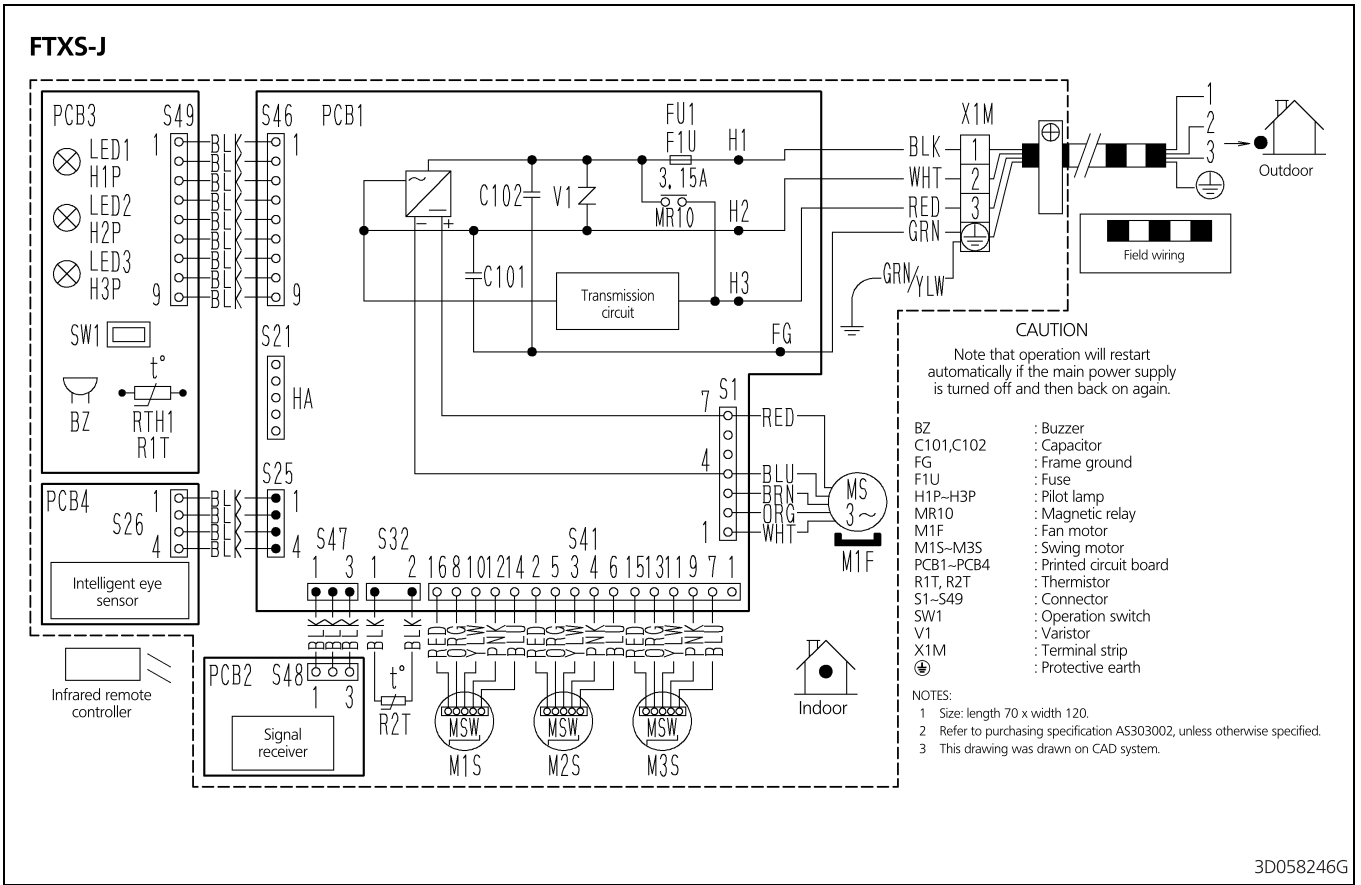
5 Piping diagrams

5 - 1 Piping Diagrams



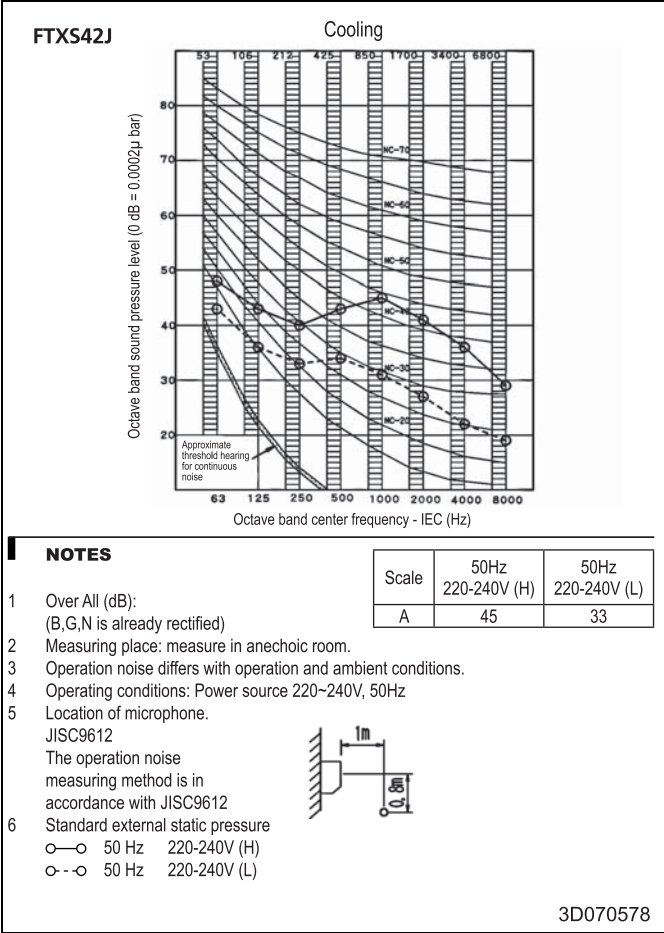
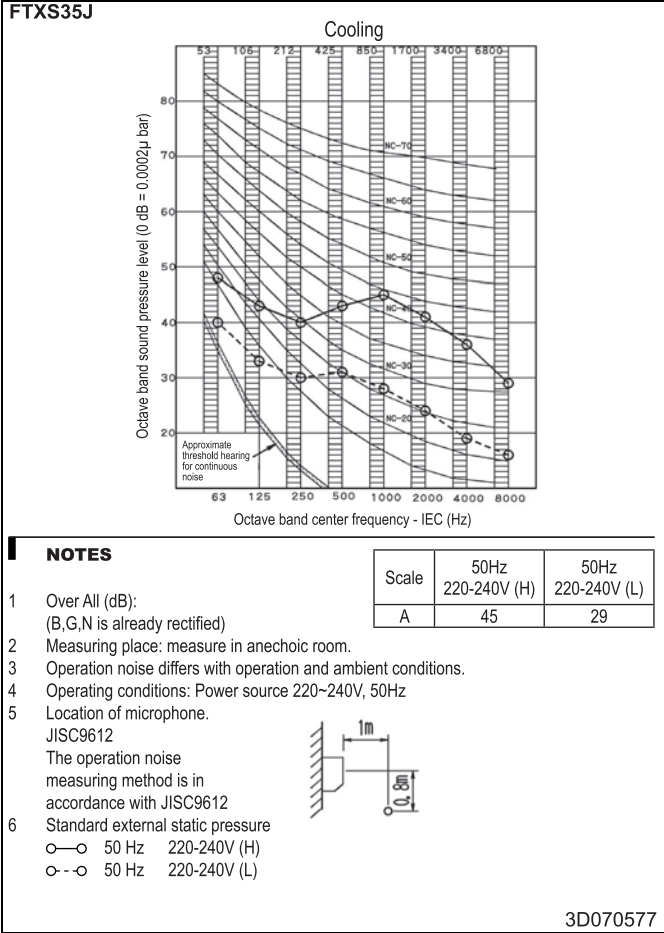
6 Wiring diagrams

6 - 1 Wiring Diagrams - Single Phase



7 Sound data

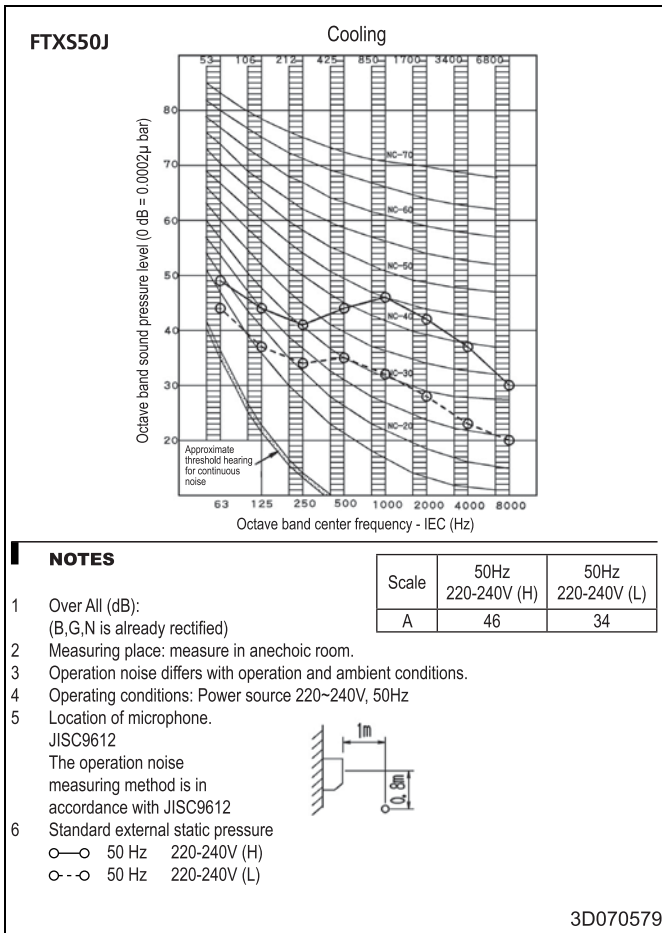
7 - 1 Sound Pressure Spectrum - Cooling



7 Sound data

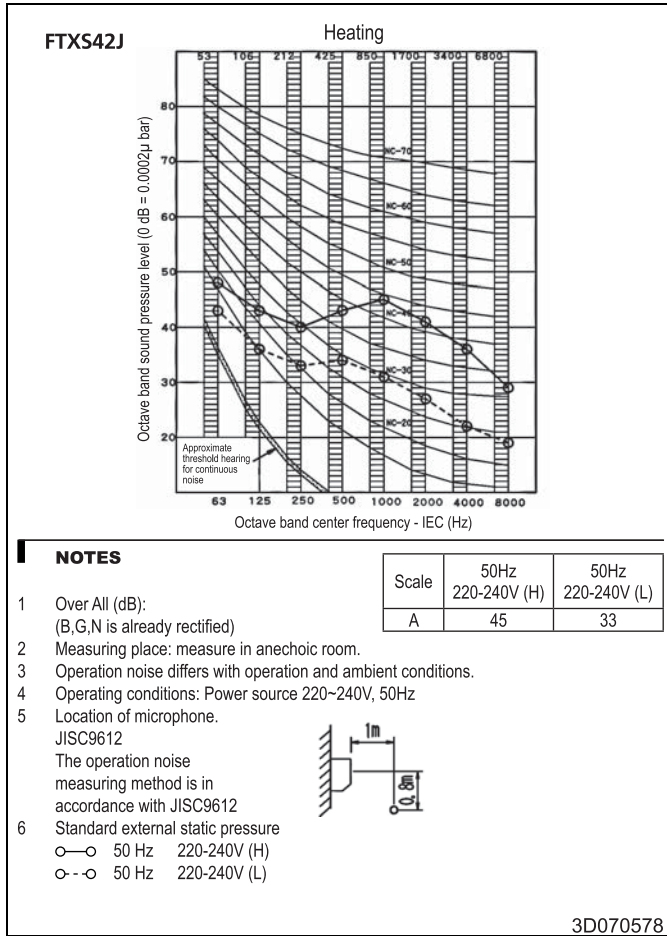
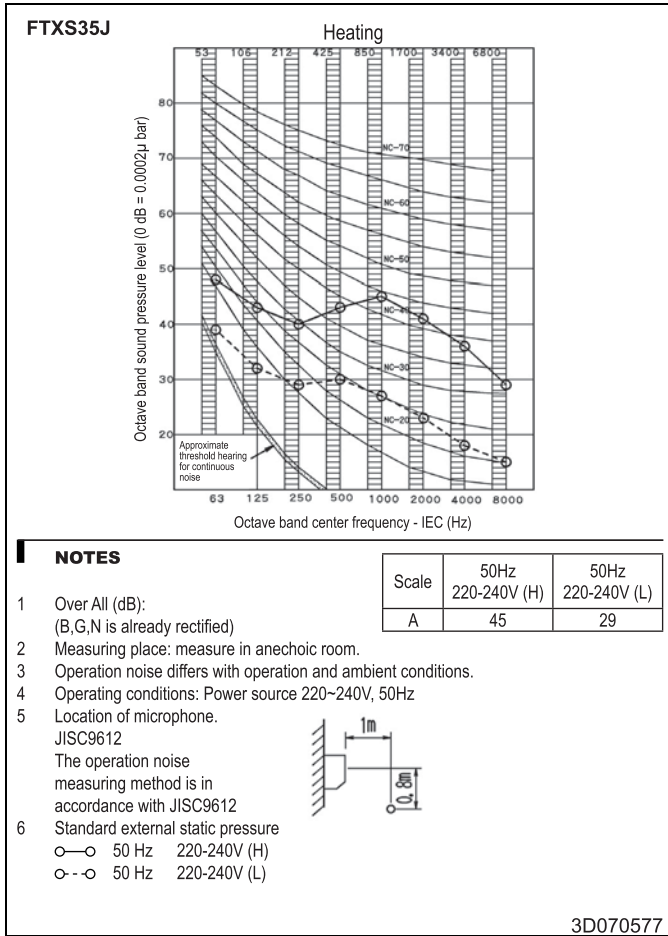
7 - 1 Sound Pressure Spectrum - Cooling

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7 Sound data

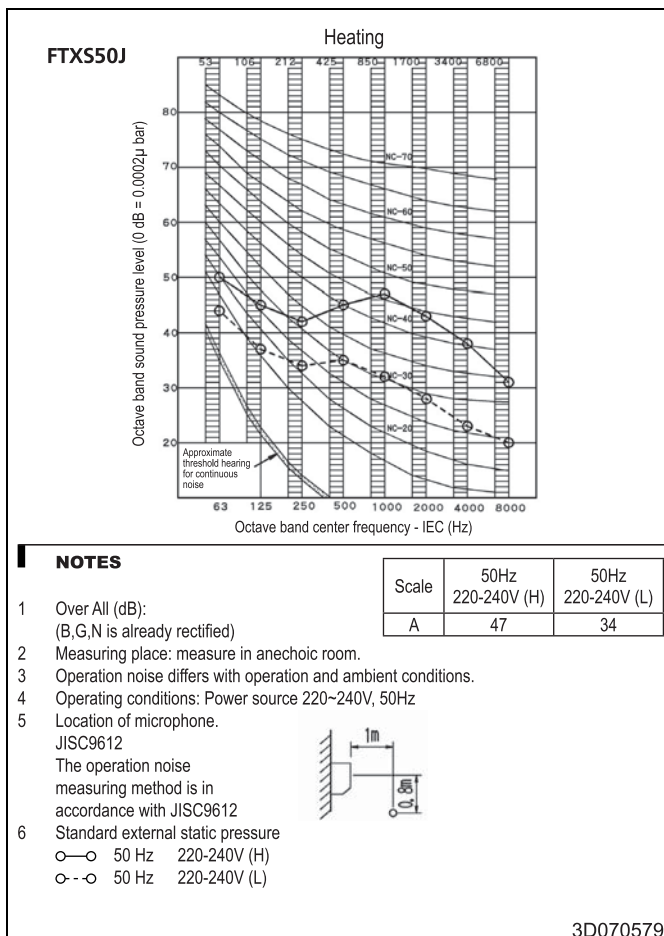
7 - 2 Sound Pressure Spectrum - Heating



7 Sound data

7 - 2 Sound Pressure Spectrum - Heating

7



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