



Air Conditioners

Technical Data

Indoor units



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FTXS-G



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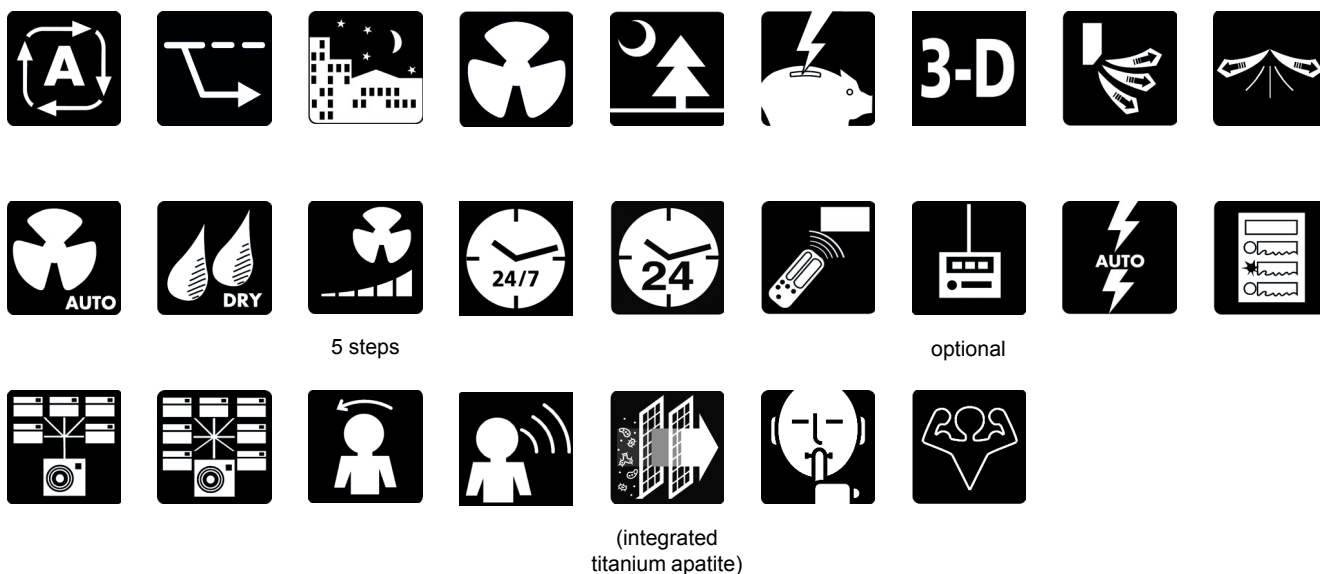
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FTXS-G

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1 Features

- ECONO mode decreases power consumption so that other appliances that need large power supply can be used
- Night set mode saves energy by preventing overcooling or overheating during night time
- Powerful mode can be selected for rapid cooling or heating
- Whisper quiet operation: down to 22dBA sound pressure level (Only for FTXS 20,25,35,42,50G)
- Indoor / outdoor unit silent operation: "Silent" buttons on the remote control lower the operation sound of the indoor and/or outdoor unit by 3dBA
- Night quiet mode automatically reduces the operation sound of the outdoor unit by 3dBA during nighttime (multi outdoors in cooling mode only) (Only for FTXS 20,25,35,42,50G)
- 3D air flow combines vertical and horizontal auto-swing to circulate a stream of warm/cool air right to the corners of even large spaces
- 2 area intelligent eye: air flow is sent to the area in a room where no person is detected
- Energy saving during stand by mode: reduction of energy from 10W to 2W
- Weekly timer: allows to program the unit on a weekly basis
- Comfort mode reassures draught free operation
- Powerful mode can be selected for rapid cooling or heating
- Titanium apatite photocatalytic air purification filter absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses



2 Specifications

2-1 Technical Specifications				FTXS20G2V1B	FTXS25G2V1B	FTXS35G2V1B	FTXS42G2V1B	FTXS50G2V1B
Casing	Colour			White				
Dimensions	Packing	Height	mm	366	366	366	366	366
		Width	mm	870	870	870	870	870
		Depth	mm	274	274	274	274	274
	Unit	Height	mm	295	295	295	295	295
		Width	mm	800	800	800	800	800
		Depth	mm	215	215	215	215	215
Weight	Unit		kg	9	9	10	10	10
	Packed Unit		kg	13	13	13	13	13
Heat Exchanger	Dimensions	Length	mm	605	605	605 + 602.7	605 + 602.7	605 + 602.7
		Nr of Rows		2	2	2 + 1	2 + 1	2 + 1
		Fin Pitch	mm	1.2	1.2	1.2 + 1.6	1.2 + 1.6	1.2 + 1.6
		Nr of Stages		18	18	18 + 12	18 + 12	18 + 12
	Tube type		ø6.35 Hi-XU					
	Fin	Type	ML fin (Multi louvre)					
Fan	Type			Cross flow fan				
Air Flow Rate	Cooling	High	m³/min	9.4	9.1	10.4	9.1	10.2
		Medium	m³/min	7.4	7.1	7.7	7.7	8.6
		Low	m³/min	5.5	5.2	4.8	6.3	7.0
		Silent Operation	m³/min	4.0	3.7	3.5	5.4	6.0
	Heating	High	m³/min	9.9	9.8	10.6	11.2	11.0
		Medium	m³/min	8.2	7.9	8.5	9.4	9.3
		Low	m³/min	6.5	6.2	6.4	7.7	7.6
		Silent Operation	m³/min	5.5	5.2	5.4	6.8	6.7
	Cooling	High	cfm	332	321	367	321	360
		Medium	cfm	262	252	270	273	305
		Low	cfm	193	182	170	221	246
		Silent Operation	cfm	141	130	125	190	212
	Heating	High	cfm	350	346	374	395	388
		Medium	cfm	290	280	302	333	330
		Low	cfm	228	217	226	271	267
		Silent Operation	cfm	193	183	191	240	236
Fan	Motor	Model		KFD-280-23-8A				
		Number of steps		5 steps, silent and auto				
Motor	Speed (cooling)	High	rpm	1,150	1,150	1,370	1,310	1,390
		Medium	rpm	950	950	1,090	1,170	1,230
		Low	rpm	750	750	800	1,020	1,060
		Silent Operation	rpm	600	600	670	930	960
	Speed (heating)	High	rpm	1,200	1,220	1,370	1,410	1,440
		Medium	rpm	1,030	1,030	1,160	1,230	1,270
		Low	rpm	850	850	940	1,050	1,090
		Silent Operation	rpm	750	750	840	960	1,000
Fan	Motor	Output (high)	W	23	23	23	23	23
Cooling	Sound Power	High	dBA	54	54	58	58	59
	Sound Pressure	High	dBA	38	38	42	42	43
		Medium	dBA	32	32	34	38	39
		Low	dBA	25	25	26	33	34
		Silent Operation	dBA	22	22	23	30	31
Heating	Sound Power	High	dBA	54	55	58	58	60
	Sound Pressure	High	dBA	38	39	42	42	44
		Medium	dBA	33	34	36	38	39
		Low	dBA	28	28	29	33	34
		Silent Operation	dBA	25	25	26	30	31
Refrigerant	Type			R-410A				
Piping connections	Liquid (OD)	Diameter (OD)	mm	6.35	6.35	6.35	6.35	6.35
	Gas	Diameter (OD)	mm	9.52	9.52	9.52	9.52	12.7
	Drain	Diameter (OD)	mm	18	18	18	18	18
	Heat Insulation			Both liquid and gas pipes				

2 Specifications

2-1 Technical Specifications				FTXS20G2V1B	FTXS25G2V1B	FTXS35G2V1B	FTXS42G2V1B	FTXS50G2V1B
Air Filter				Removable/washable/Mildew proof				
Air direction control				Right, Left, Horizontal, Downward				
Temperature control				Microcomputer control				
Standard Accessories	Item			Titanium apatite photocatalytic air purification filter				
	Quantity			2	2	2	2	2
	Item			Operation manual				
	Quantity			1	1	1	1	1
	Item			Installation manual				
	Quantity			1	1	1	1	1
	Item			Wireless remote control				
	Quantity			1	1	1	1	1
	Item			Batteries				
	Quantity			2	2	2	2	2
	Item			Remote control holder				
	Quantity			1	1	1	1	1
	Item			Indoor unit fixing screws				
	Quantity			2	2	2	2	2
	Item			Mounting plate				
	Quantity			1	1	1	1	1

2-1 Technical Specifications				FTXS60GV1B		FTXS71GV1B	
Casing	Colour			White			
Dimensions	Packing	Height	mm	361		361	
		Width	mm	1,145		1,145	
		Depth	mm	364		364	
	Unit	Height	mm	290		290	
		Width	mm	1,050		1,050	
		Depth	mm	250		250	
Weight	Unit		kg	12		12	
	Packed Unit		kg	18		18	
Heat Exchanger	Dimensions	Length	mm	863		863	
		Nr of Rows		2		2	
		Fin Pitch	mm	1.4		1.4	
		Nr of Stages		16		16	
	Tube type			ø7 Hi-XD			
	Fin	Type		ML fin (Multi louver)			
Fan	Type			Cross flow fan			
Air Flow Rate	Cooling	High	m³/min	16.0		17.2	
		Medium	m³/min	13.5		14.5	
		Low	m³/min	11.3		11.5	
		Silent Operation	m³/min	10.1		10.5	
	Heating	High	m³/min	17.2		19.5	
		Medium	m³/min	14.9		16.7	
		Low	m³/min	12.6		14.2	
		Silent Operation	m³/min	11.3		12.6	
	Cooling	High	cfm	565		607	
		Medium	cfm	447		512	
		Low	cfm	399		406	
		Silent Operation	cfm	357		371	
	Heating	High	cfm	607		689	
		Medium	cfm	526		590	
		Low	cfm	445		501	
		Silent Operation	cfm	399		445	
Fan	Motor	Model		ARW3001DA			
		Number of steps		5 steps, silent and auto			

2 Specifications

2-1 Technical Specifications				FTXS60GV1B	FTXS71GV1B
Motor	Speed (cooling)	High	rpm	1,330	1,410
		Medium	rpm	1,170	1,220
		Low	rpm	1,010	1,040
		Silent Operation	rpm	920	950
	Speed (heating)	High	rpm	1,360	1,520
		Medium	rpm	1,200	1,330
		Low	rpm	1,040	1,150
		Silent Operation	rpm	950	1,040
Fan	Motor	Output (high)	W	43	43
Cooling	Sound Power	High	dBA	61	62
	Sound Pressure	High	dBA	45	46
		Medium	dBA	41	42
		Low	dBA	36	37
		Silent Operation	dBA	33	34
Heating	Sound Power	High	dBA	60	62
	Sound Pressure	High	dBA	44	46
		Medium	dBA	40	42
		Low	dBA	35	37
		Silent Operation	dBA	32	34
Air Filter				Removable/washable/Mildew proof	
Air direction control				Right, Left, Horizontal, Downward	
Temperature control				Microcomputer control	
Standard Accessories	Item			Titanium apatite photocatalytic air purification filter	
	Quantity			2	
	Item			Operation manual	
	Quantity			1	
	Item			Installation manual	
	Quantity			1	
	Item			Infrared remote control	
	Quantity			1	
	Item			Batteries	
	Quantity			2	
	Item			Remote control holder	
	Quantity			1	
	Item			Indoor unit fixing screws	
	Quantity			2	
	Item			Mounting plate	
	Quantity			1	

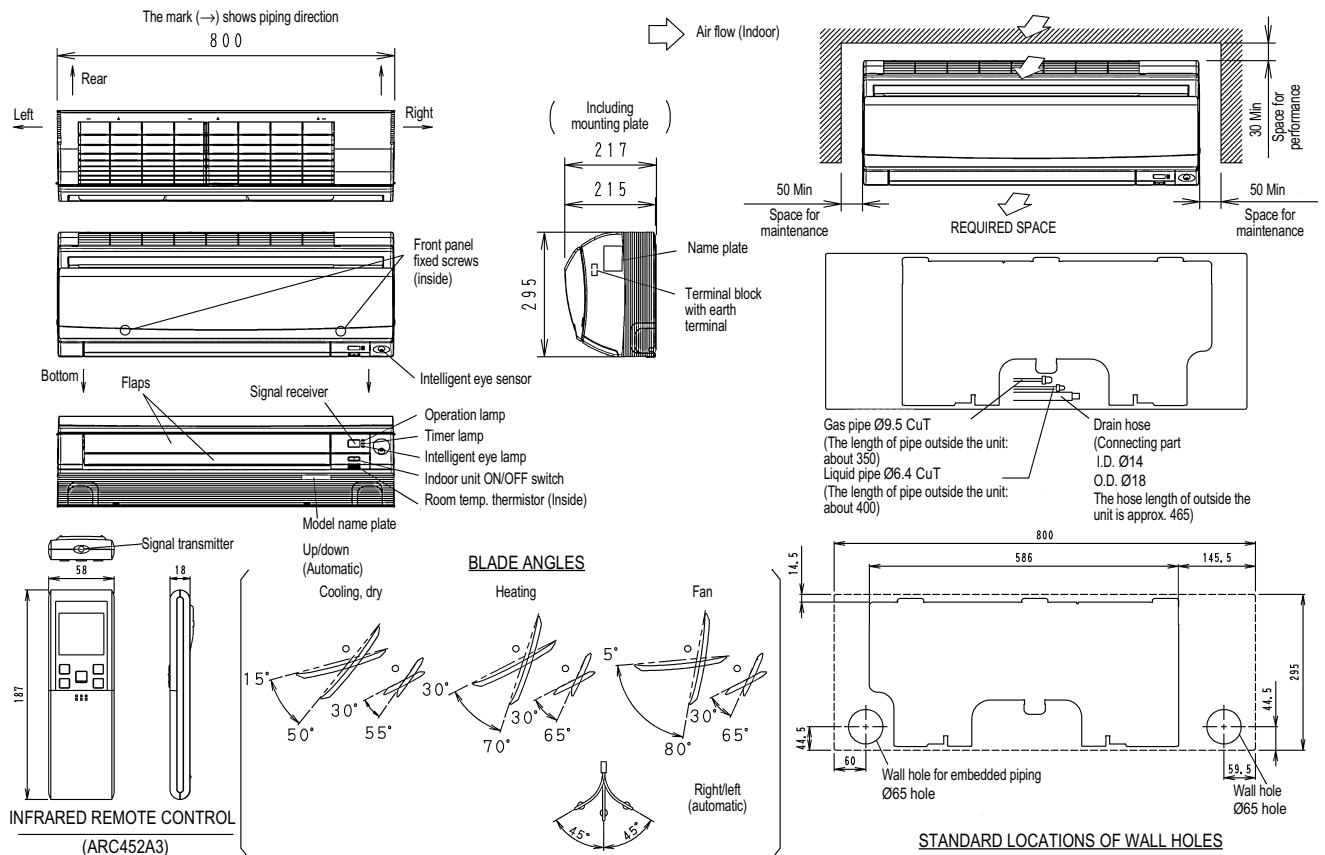
2-1 Electrical Specifications				FTXS20G2V1B	FTXS25G2V1B	FTXS35G2V1B	FTXS42G2V1B	FTXS50G2V1B
Power Supply	Name			V1				
	Phase			1~				
	Frequency	Hz		50	50	50	50	50
	Voltage	V		220-230-240				
Current	Nominal running current (RLA)	Cooling	A	0.09-0.08-0.08	0.09-0.08-0.08	0.12-0.12-0.11	0.11-0.11-0.10	0.12-0.12-0.11
		Heating	A	0.10-0.10-0.09	0.10-0.10-0.09	0.13-0.13-0.12	0.14-0.14-0.13	0.15-0.14-0.14
Wiring connections	For Power Supply	Quantity		3	3	3	3	3

2-2 Electrical Specifications				FTXS60GV1B	FTXS71GV1B
Power Supply	Name			V1	
	Phase			1~	
	Frequency	Hz		50	
	Voltage	V		220-240	
Current	Nominal running current (RLA)	Cooling	A	0.18	0.20
		Heating	A	0.20	0.27
Wiring connections	For Power Supply	Quantity		3 for power supply, 4 for interunit wiring (Earth wire included)	

3 Dimensional drawing & centre of gravity

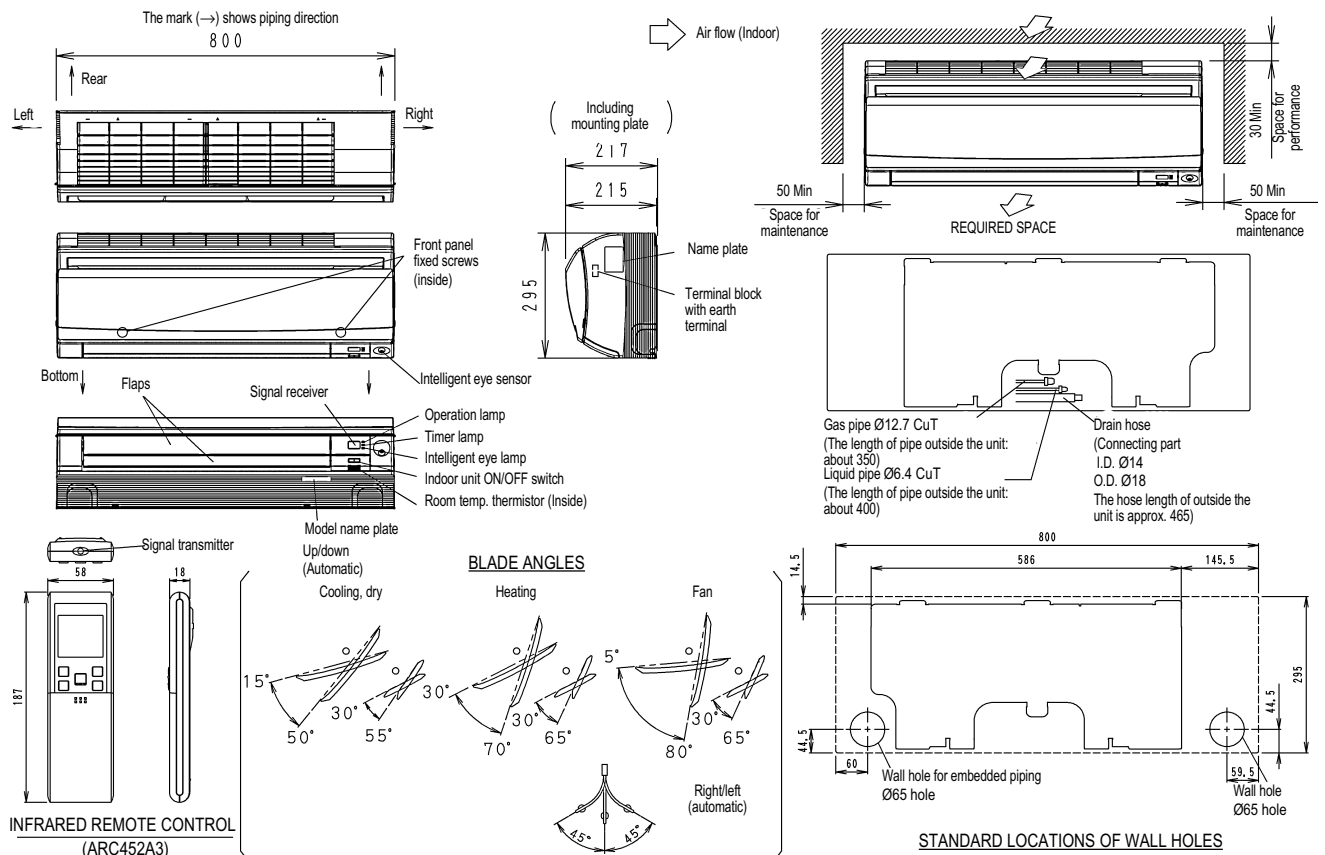
3 - 1 Dimensional drawing

FTXS20-42G



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FTXS50G

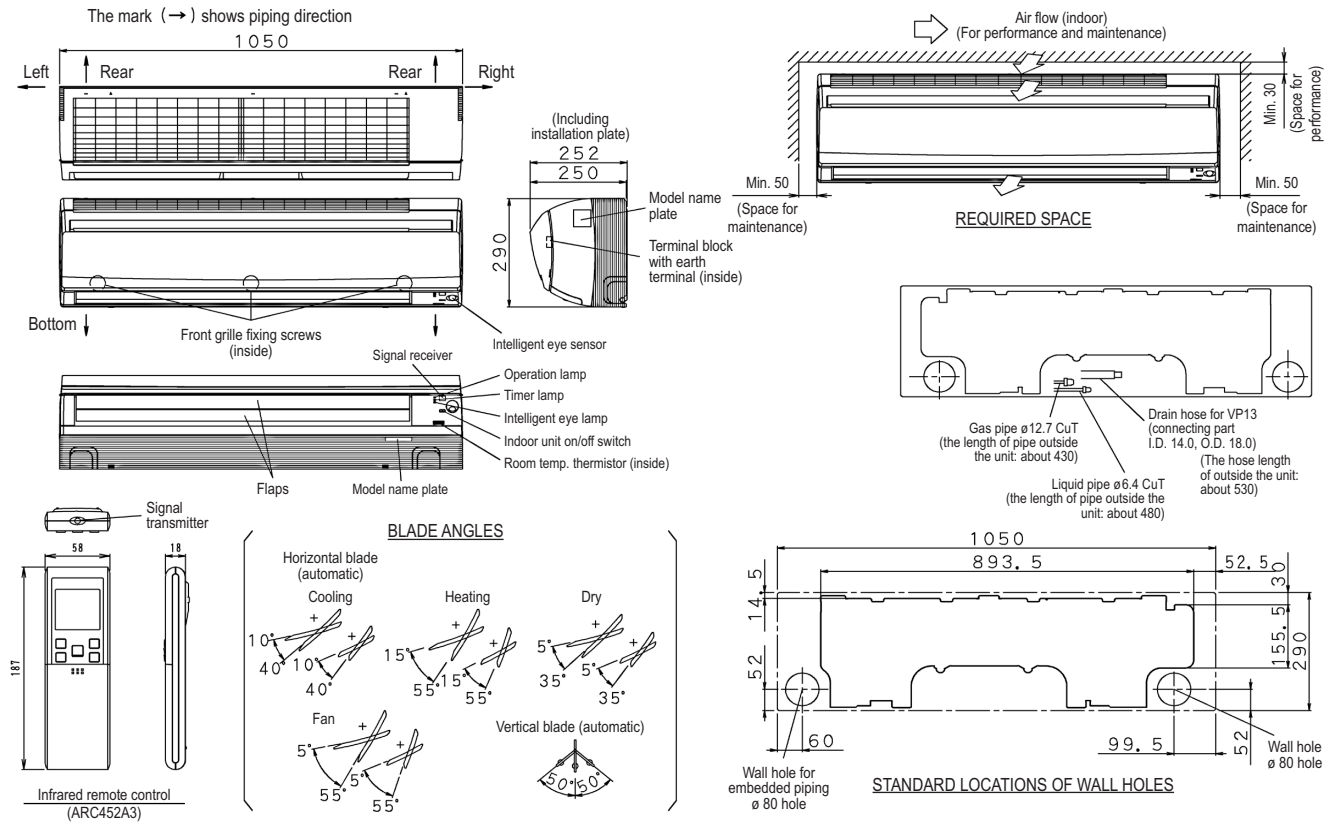


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3 Dimensional drawing & centre of gravity

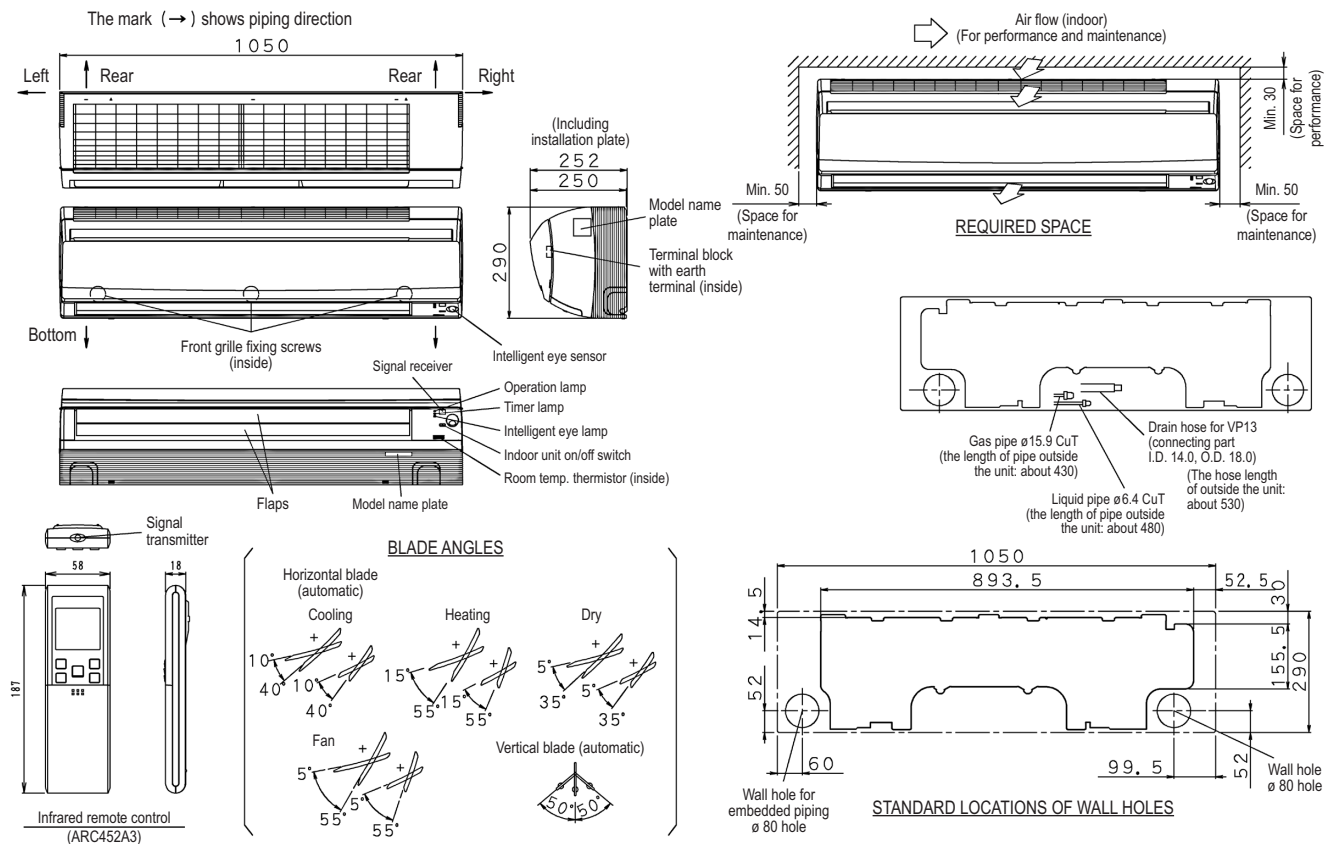
3 - 1 Dimensional drawing

FTXS60GV



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FTXS71GV

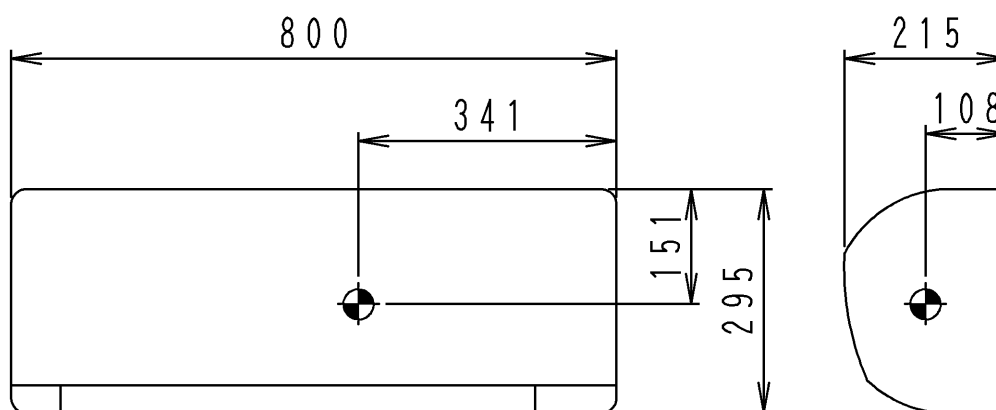


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3 Dimensional drawing & centre of gravity

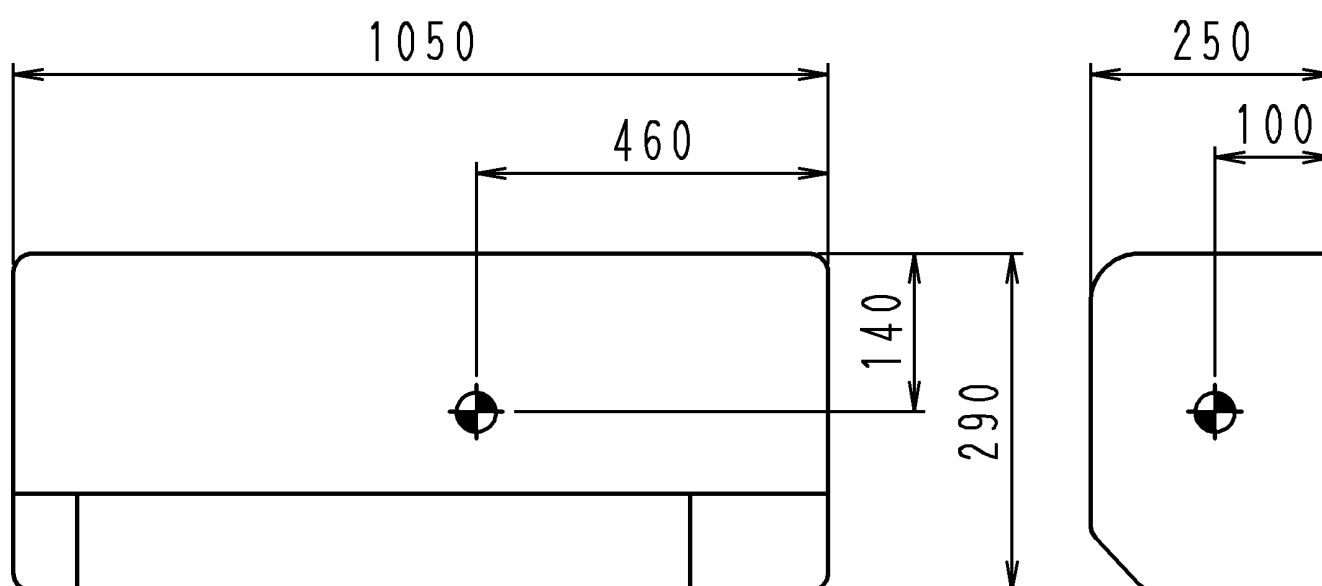
3 - 2 Centre of gravity

FTXS20-50G



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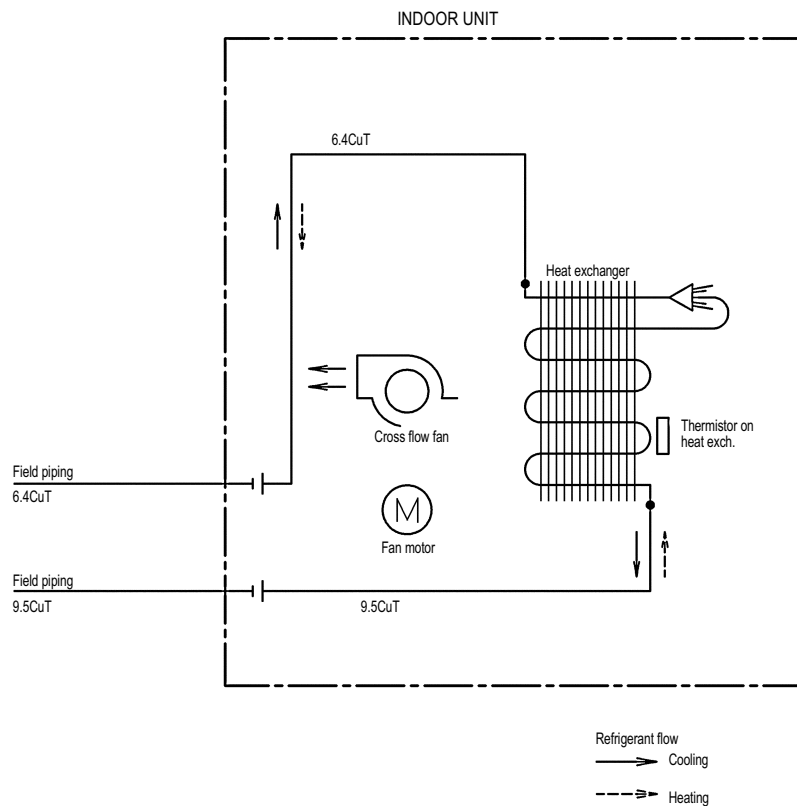
FTXS60-71GV



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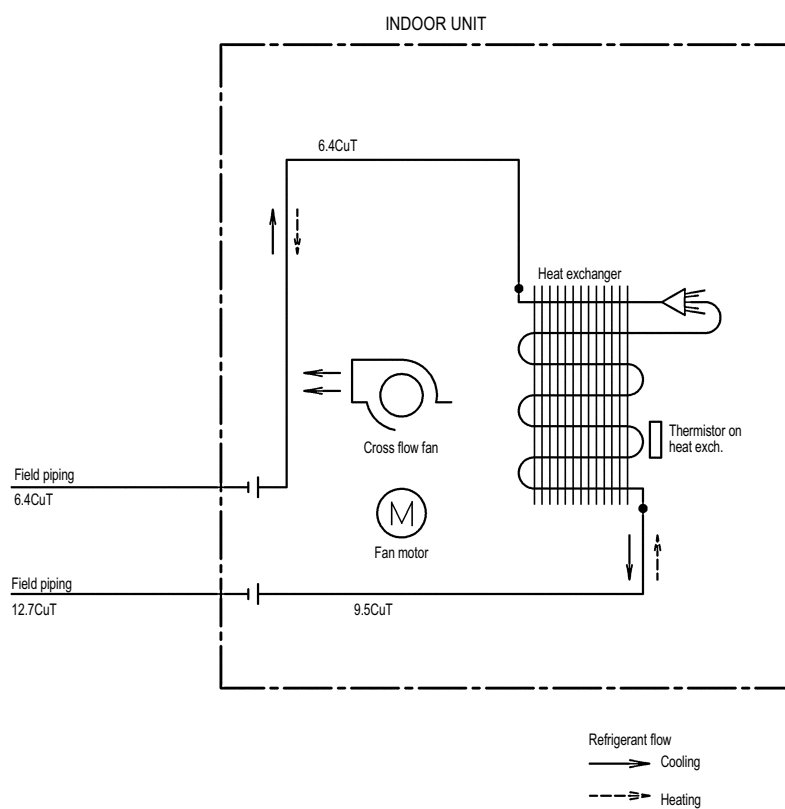
4 Piping diagram

FTXS20-42G



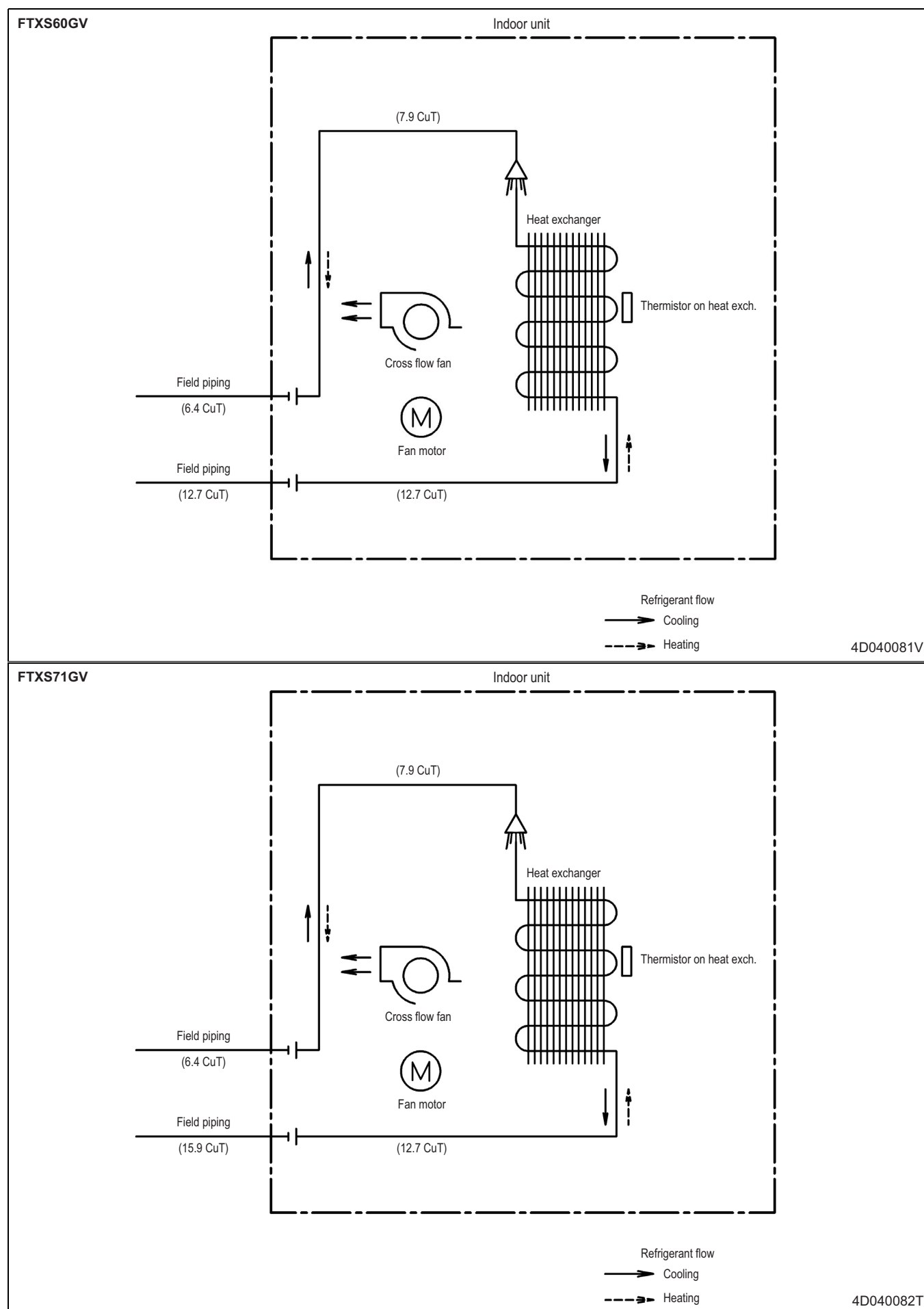
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FTXS50G



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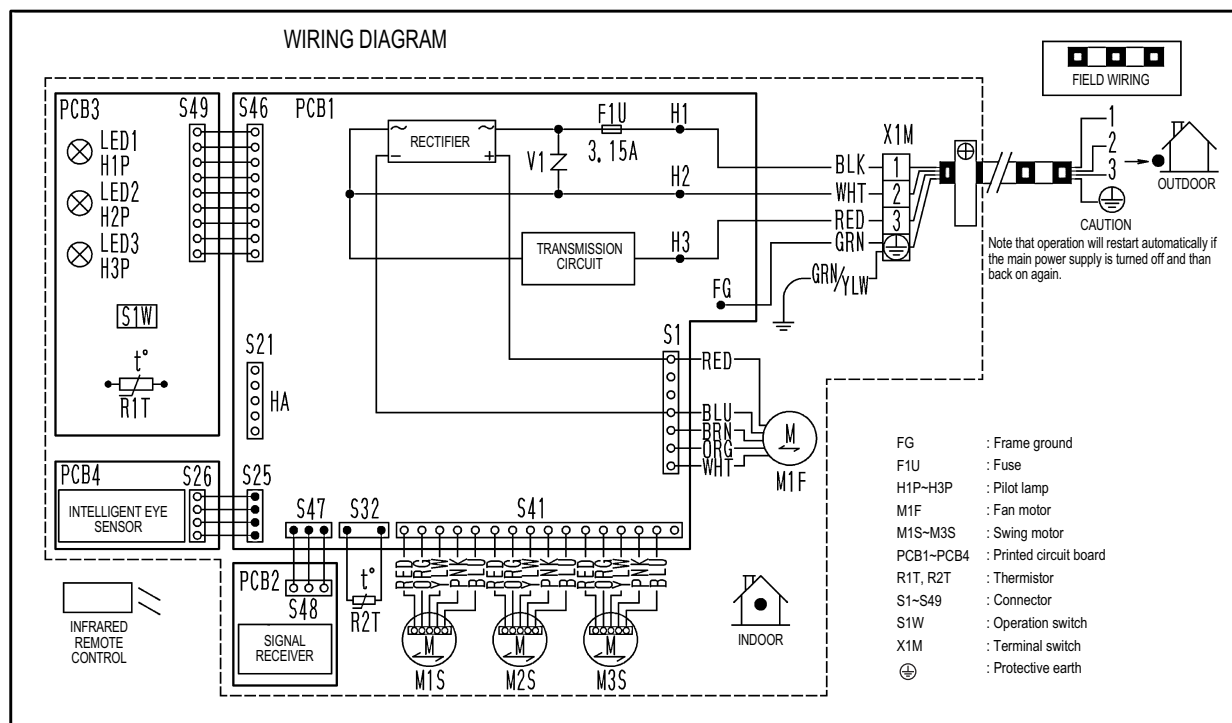
4 Piping diagram



5 Wiring diagram

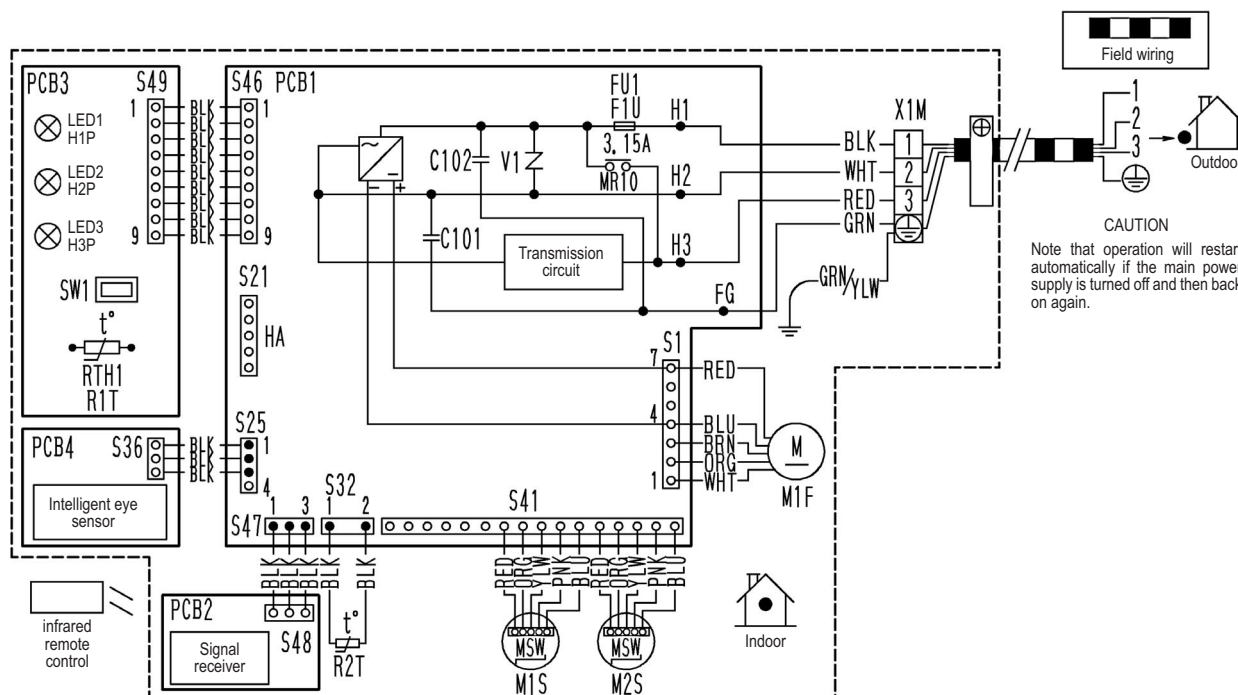
5 - 1 Wiring diagram

FTXS20-50G



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FTXS60-71GV

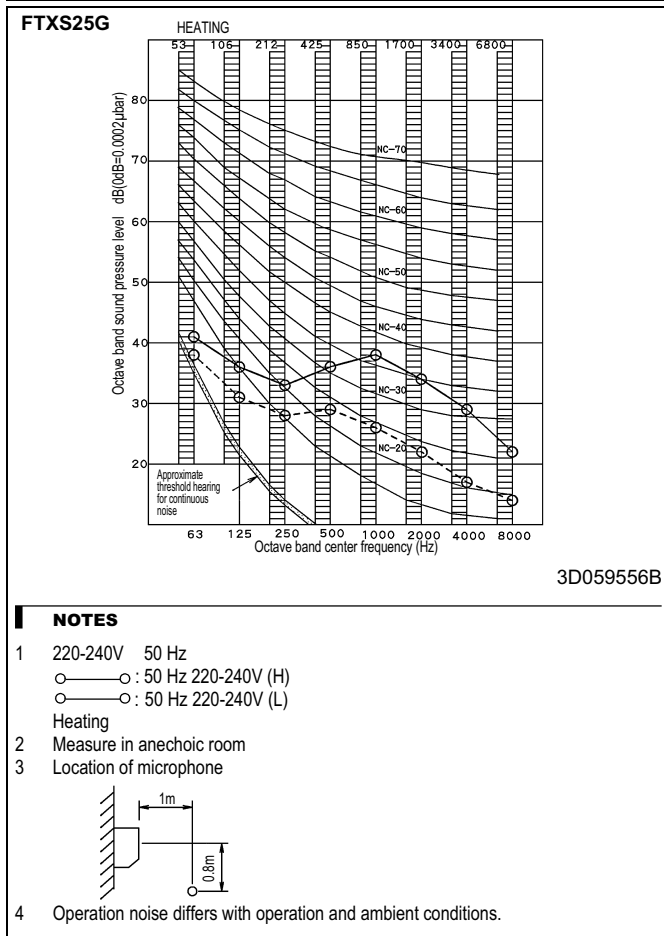
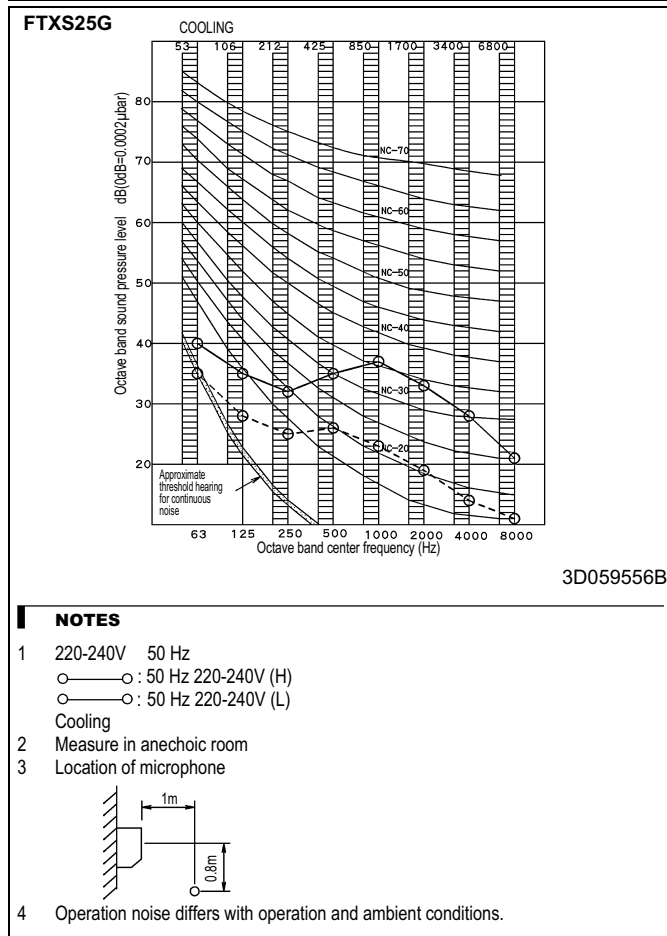
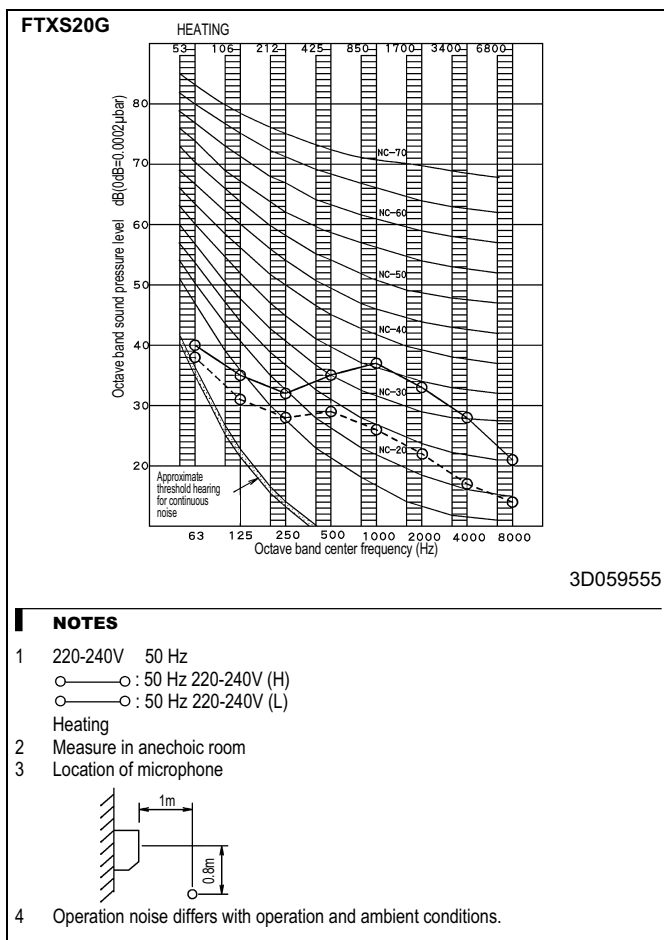
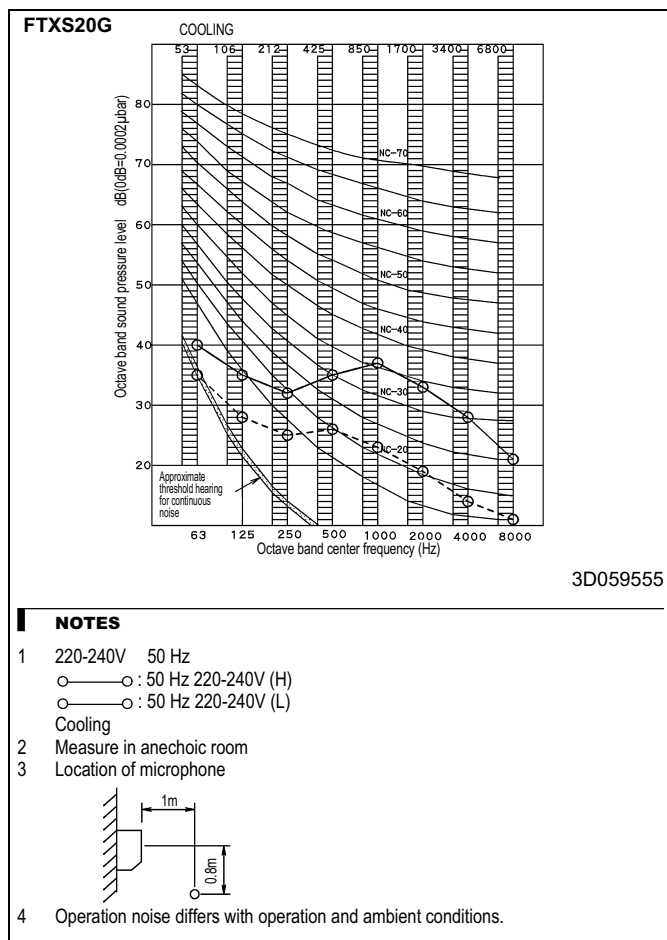


FG	Frame ground	R1T,R2T	Thermistor
F1U	Fuse	S1~S49	Connector
H1P~H3P	Pilot lamp	SW1	Operation switch
M1F	Fan motor	X1M	Terminal strip
M1S, M2S	Swing motor	⊕	Protective earth
PCB1~PCB4	Printed circuit board		

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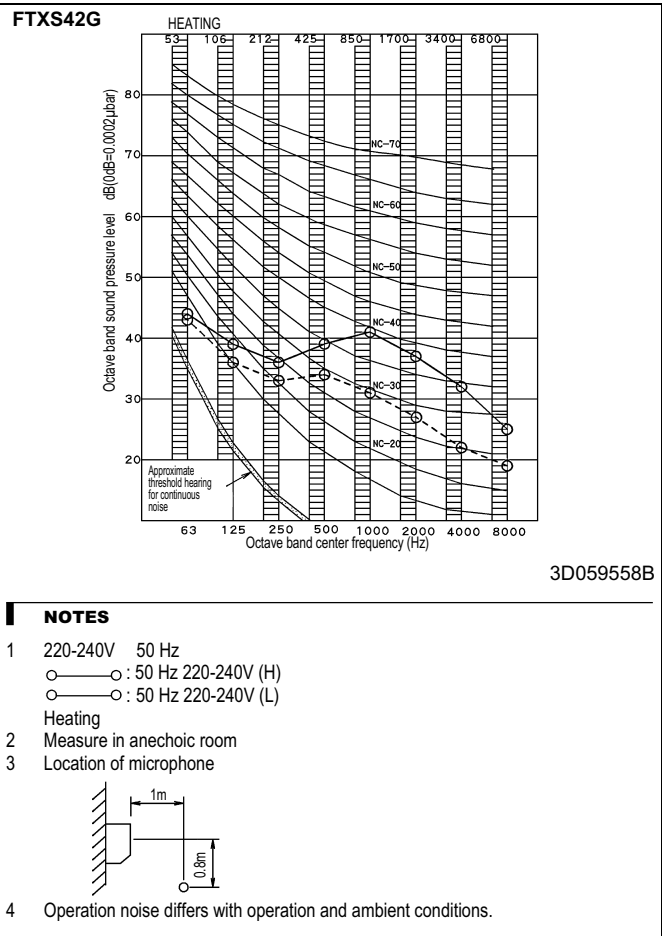
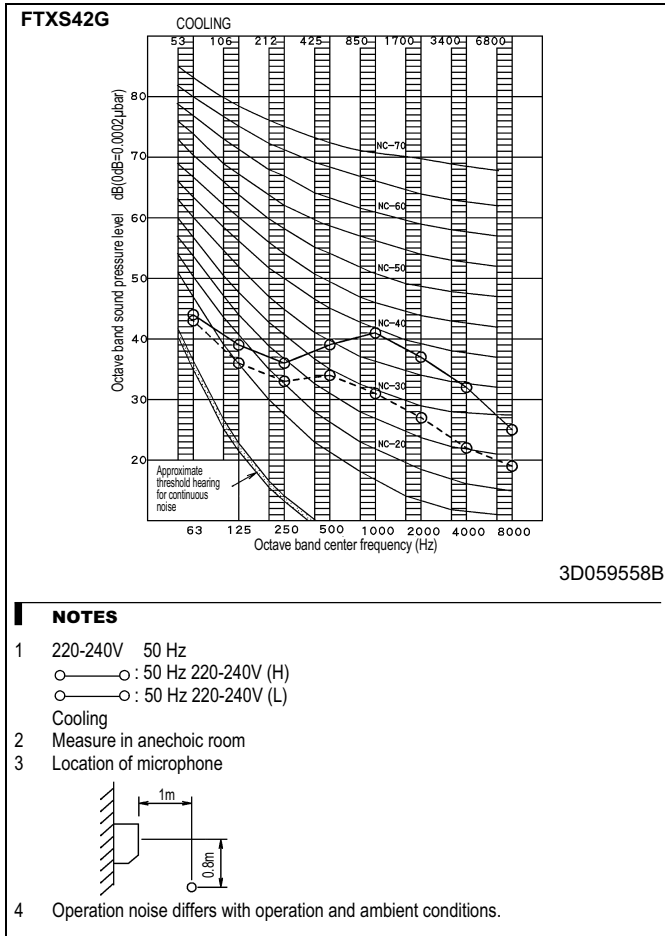
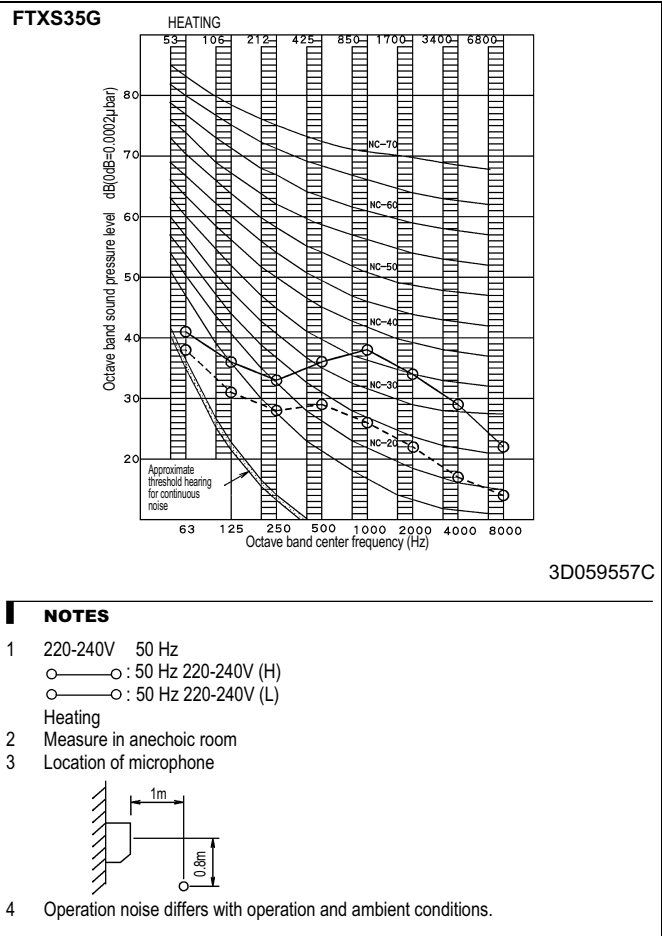
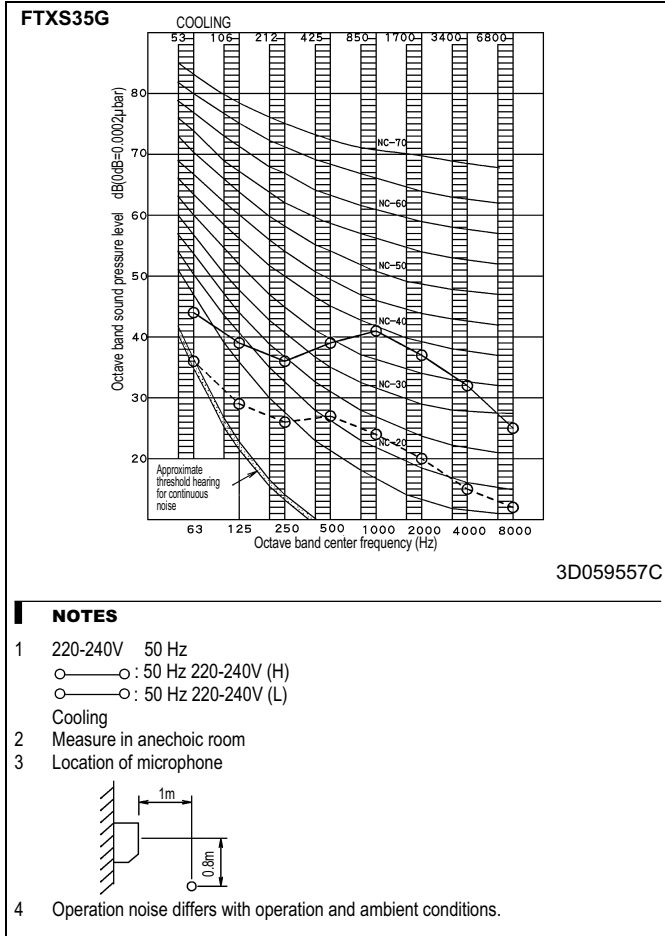
6 Sound data

6 - 1 Sound pressure spectrum



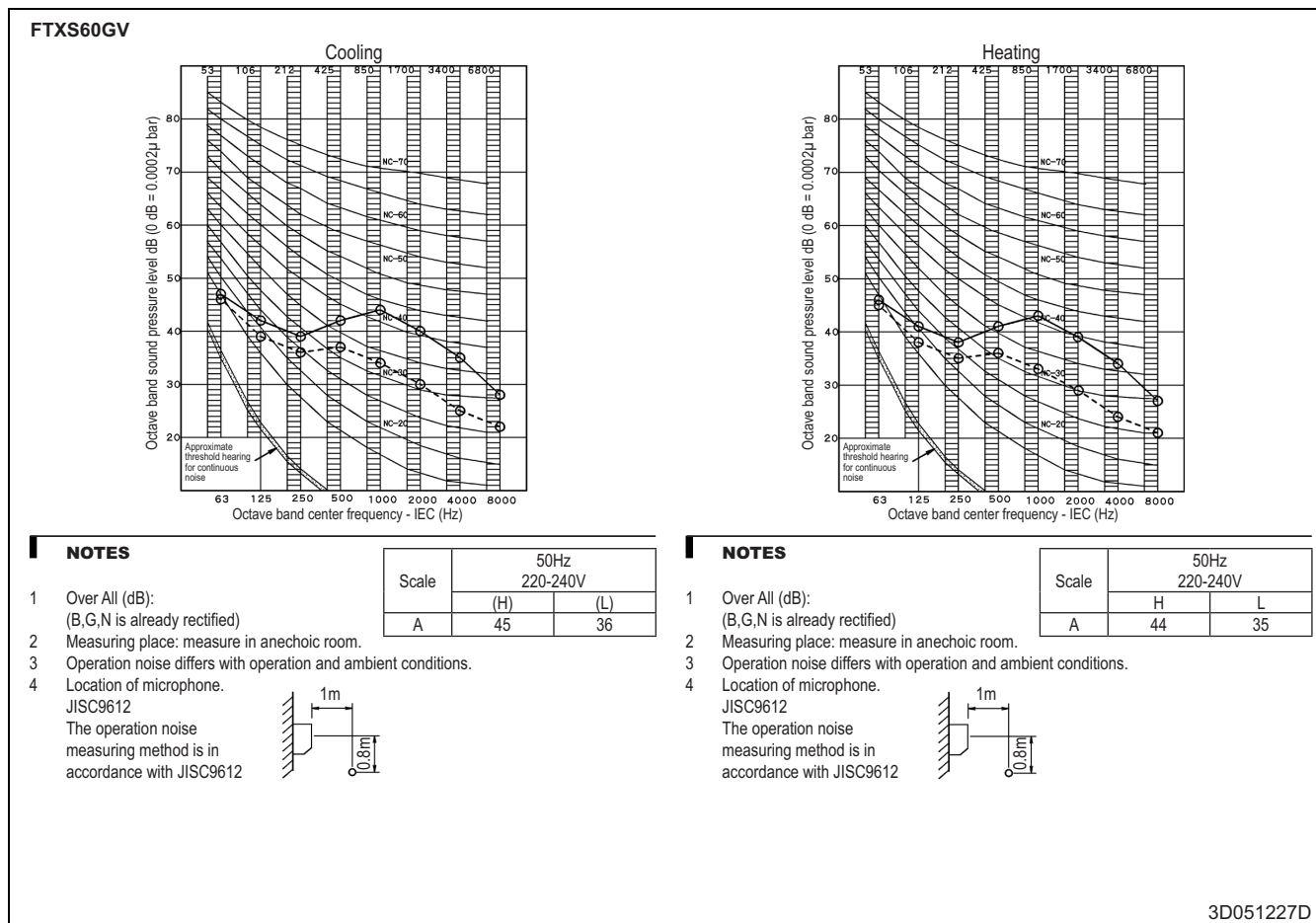
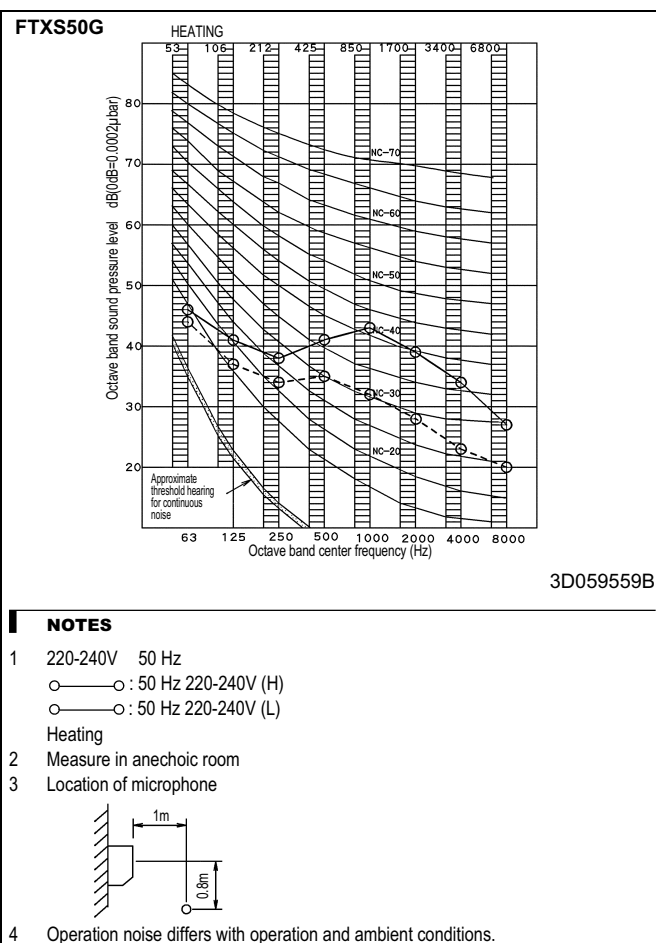
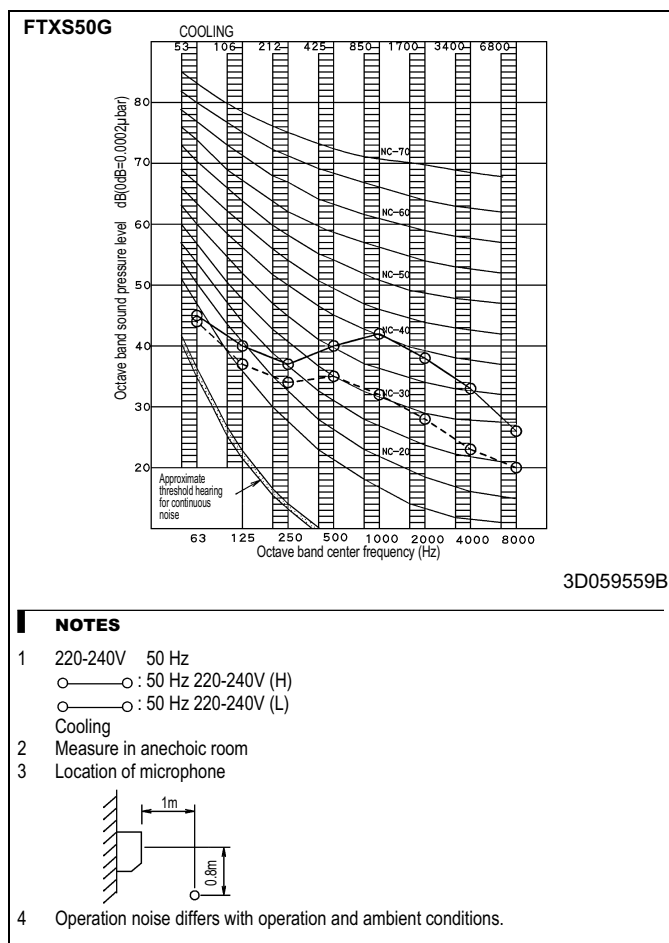
6 Sound data

6 - 1 Sound pressure spectrum



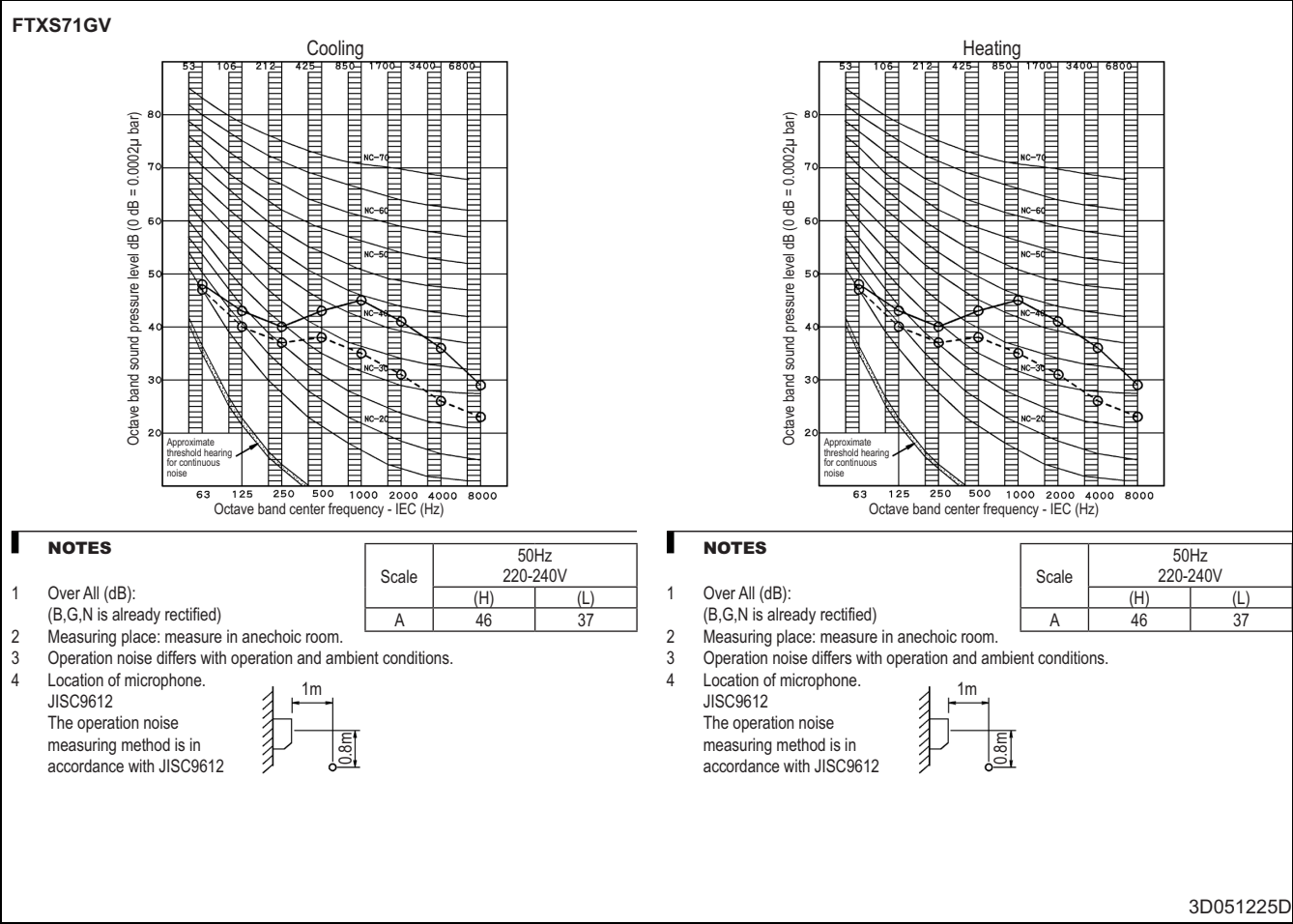
6 Sound data

6 - 1 Sound pressure spectrum



6 Sound data

6 - 1 Sound pressure spectrum



3D051225D



Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.



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