

# 1 Features

- 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
- Flat front panel: its stylish appearance blends easily within any interior décor and is more easy to clean.
- Comfort mode reassures draught free operation
- 3D air flow
- Dual air discharge flow for better air distribution
- Consumes up to 30% less energy than non-inverter units
- ECONO mode decreases power consumption so that other appliances that need large power supply can be used
- Indoor / outdoor unit silent operation
- Powerful mode can be selected for rapid cooling or heating
- Reaches set temperature more quickly
- Titanium apatite photocatalytic air purification filter absorbs microscopic particles, decomposes odours and even deactivates bacteria and viruses



				optional				
	5 steps			standard				
			(integrated titanium apatite)					

## 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	
		Low	dBA	25	25	26	33	34	
	Sound Pressure	High	dBA	38	38	42	42	43	
		Medium	dBA	32	32	34	38	39	
		Silent Operation	dBA	22	22	23	30	31	

## 2 Specifications

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2-1 TECHNICAL SPECIFICATIONS				FTXS20G2V1B	FTXS25G2V1B	FTXS35G2V1B	FTXS42G2V1B	FTXS50G2V1B
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				
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	

2-2 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	

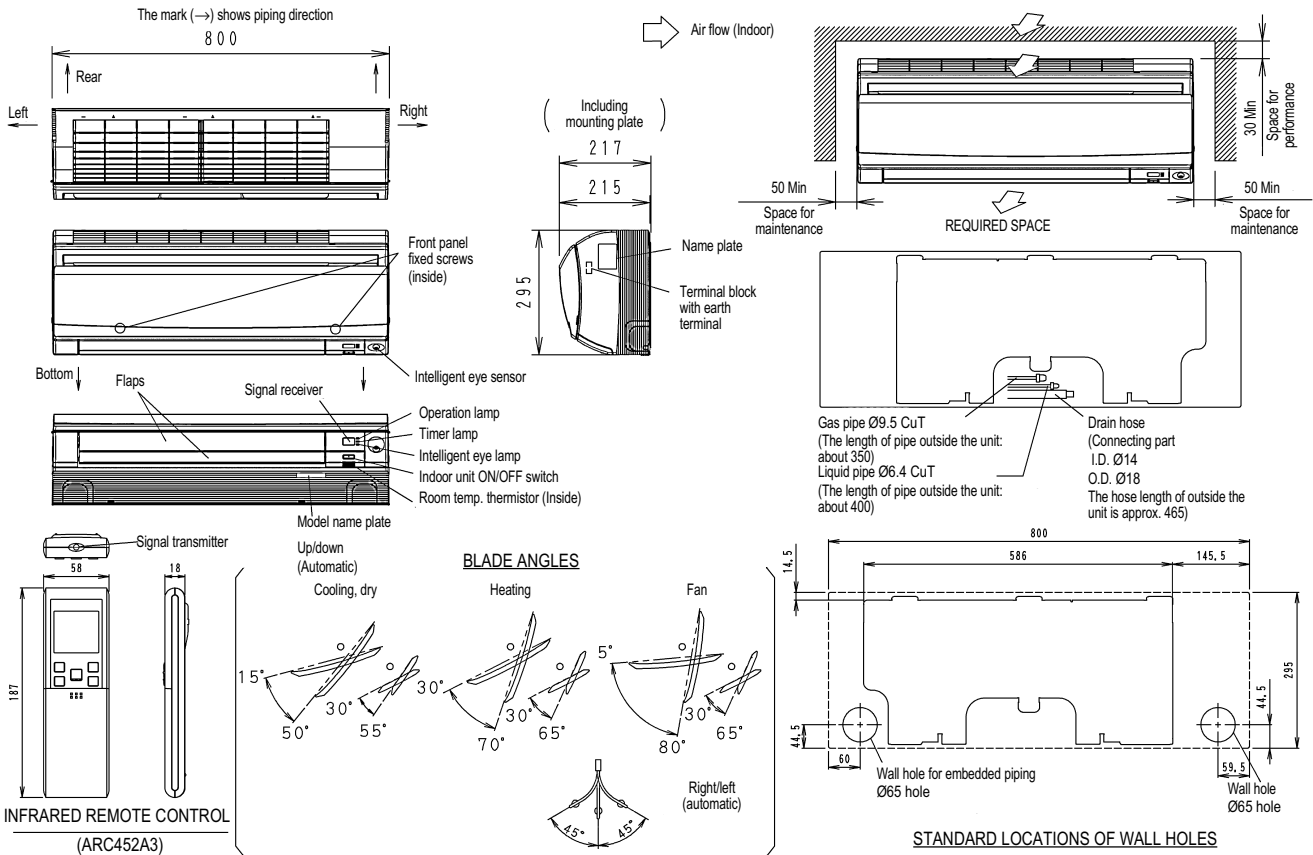
### 3 Features

# 4 Dimensional drawing & centre of gravity

## 4 - 1 Dimensional drawing

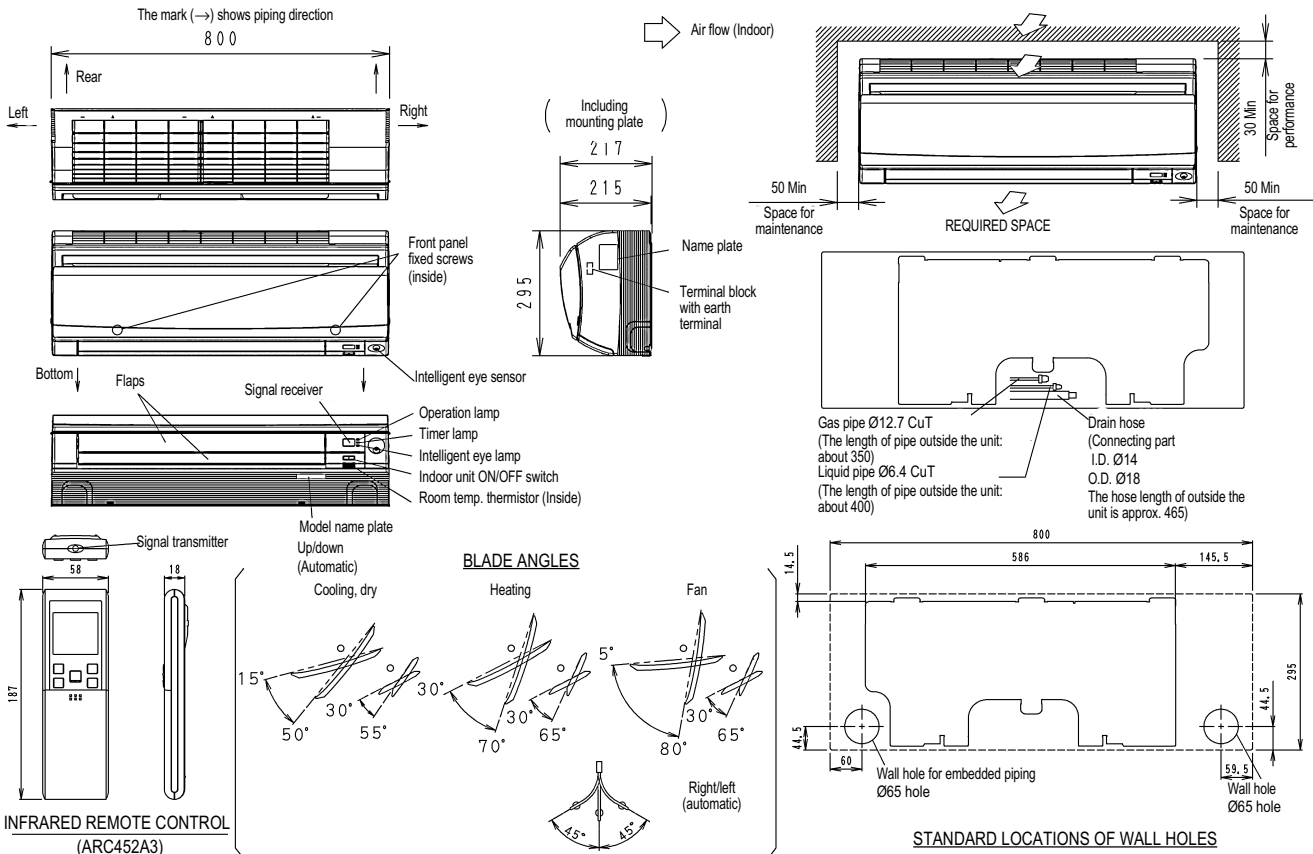
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### FTXS20-42G



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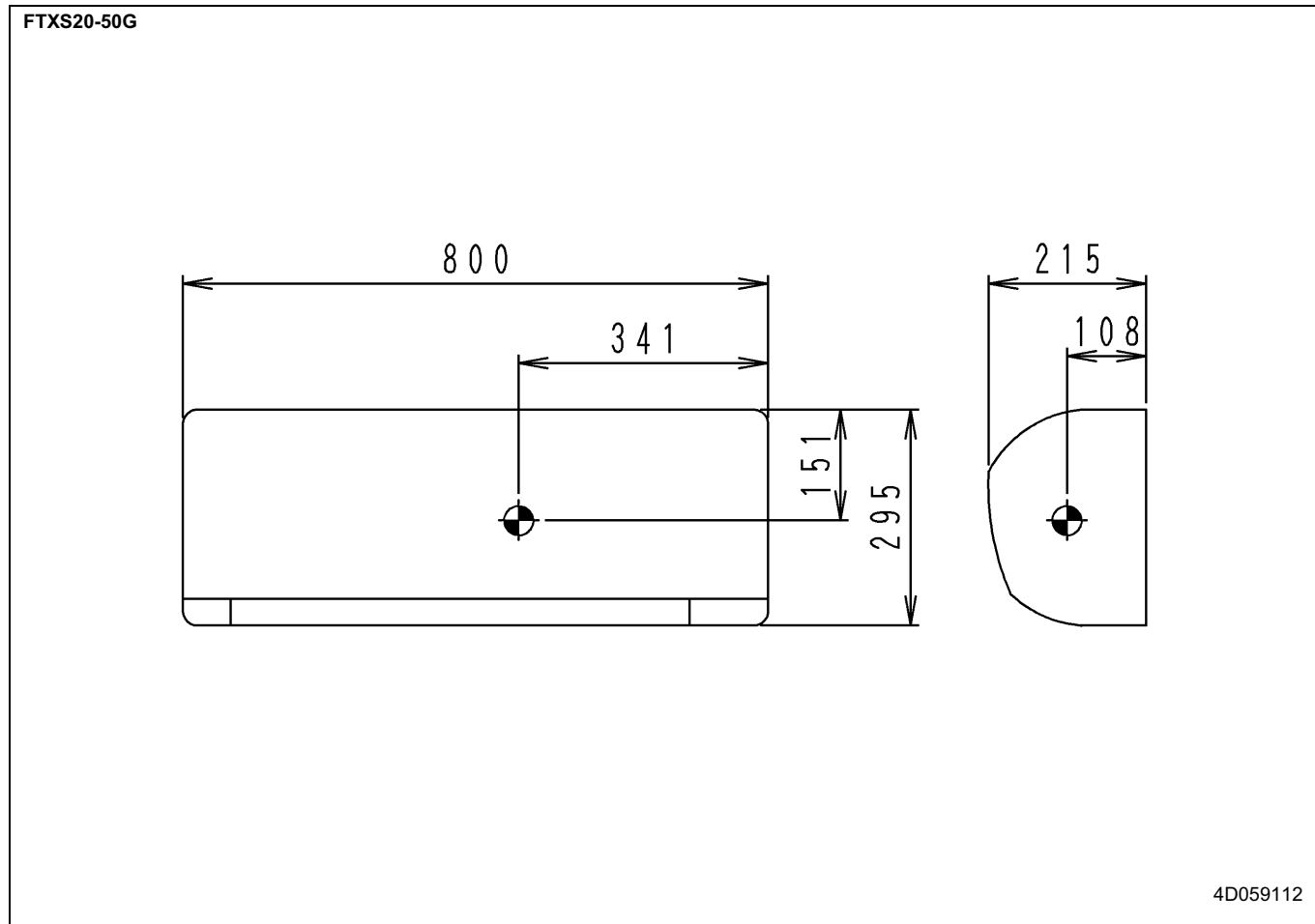
### FTXS50G



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## 4 Dimensional drawing & centre of gravity

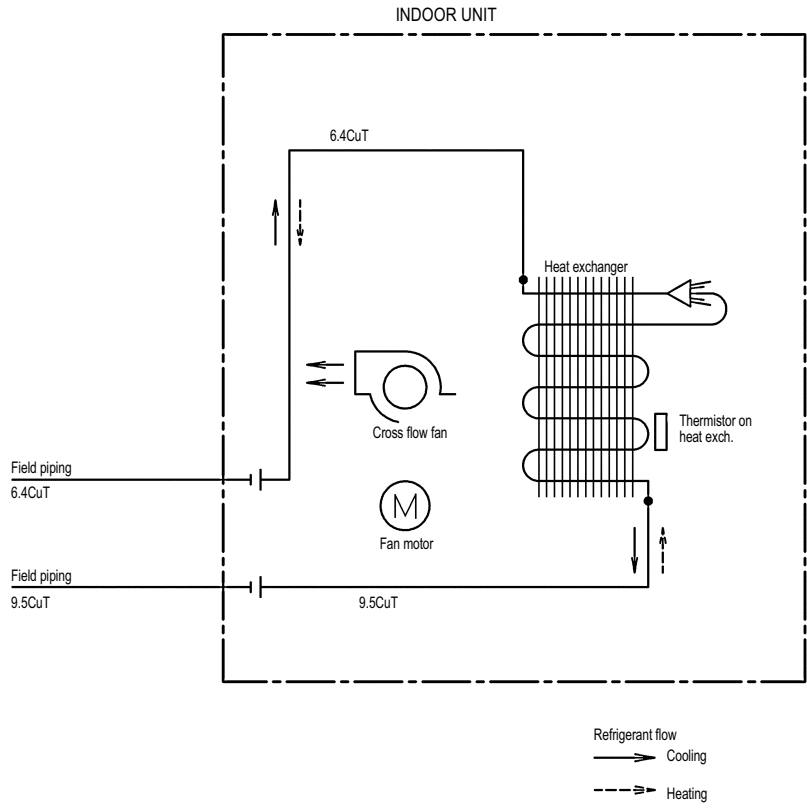
### 4 - 2 Centre of gravity



# 5 Piping diagram

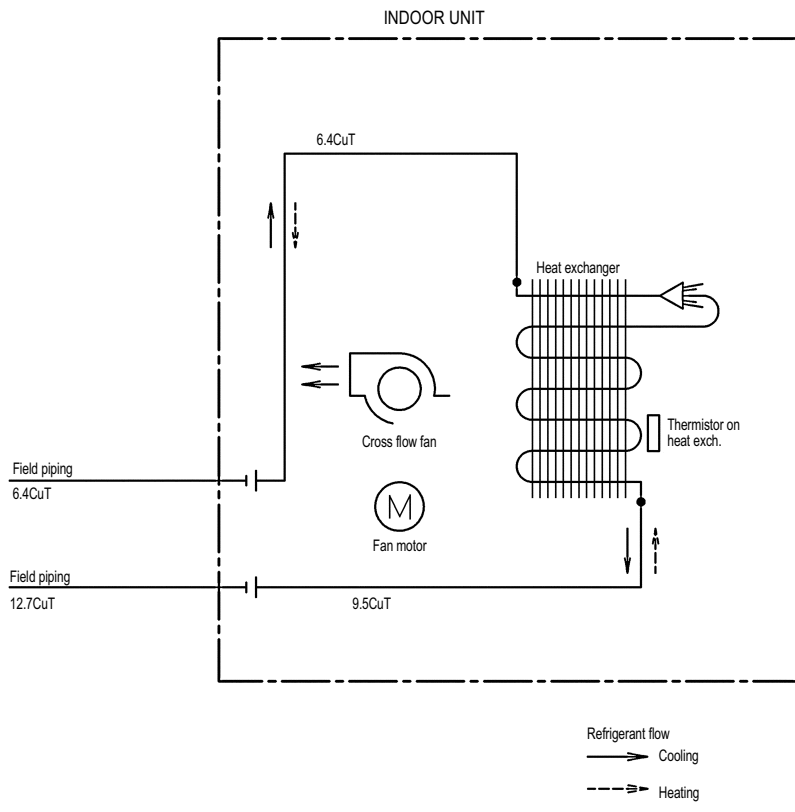
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FTXS20-42G



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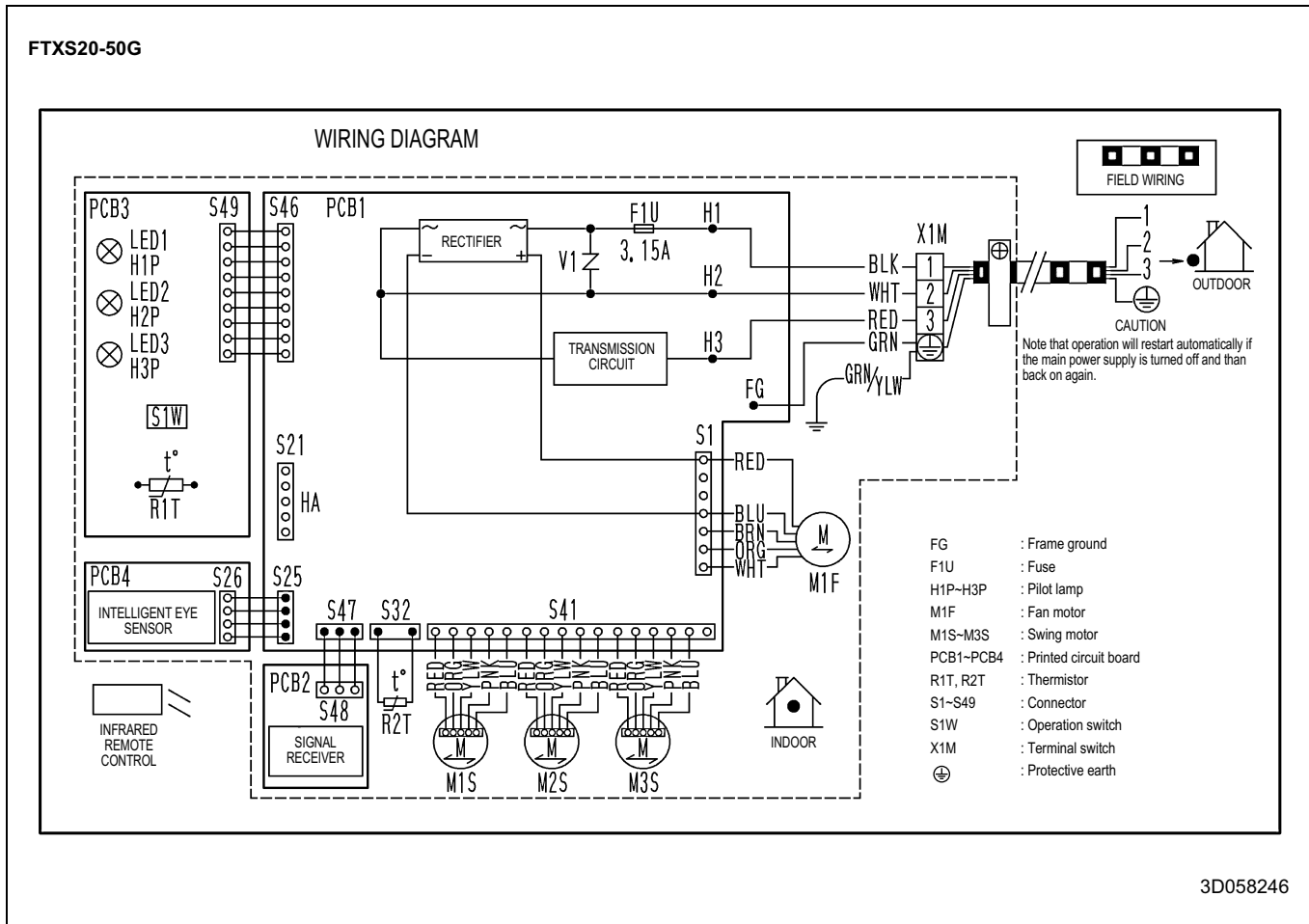
FTXS50G



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# 6 Wiring diagram

## 6 - 1 Wiring diagram

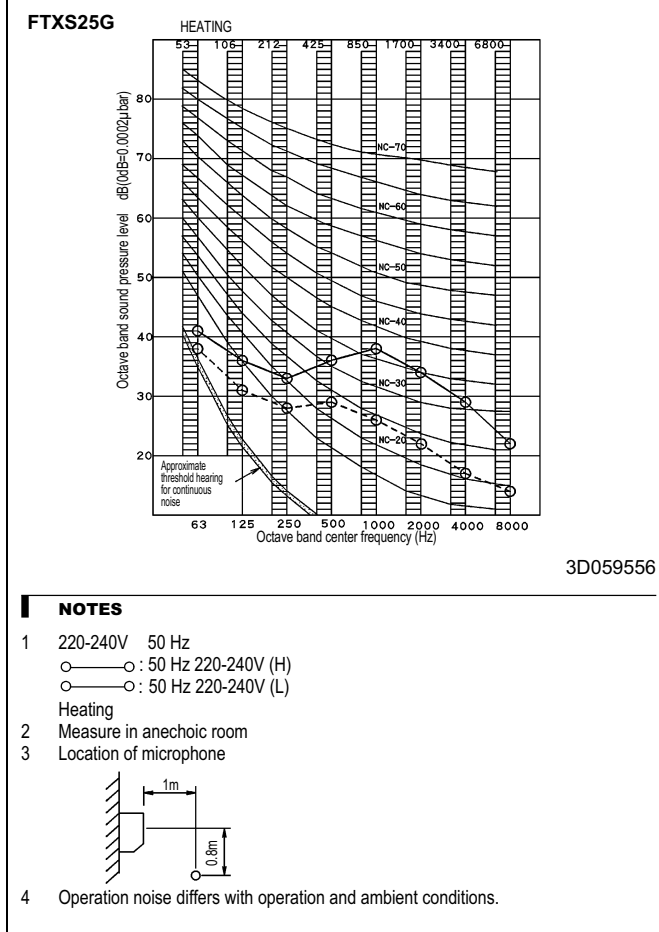
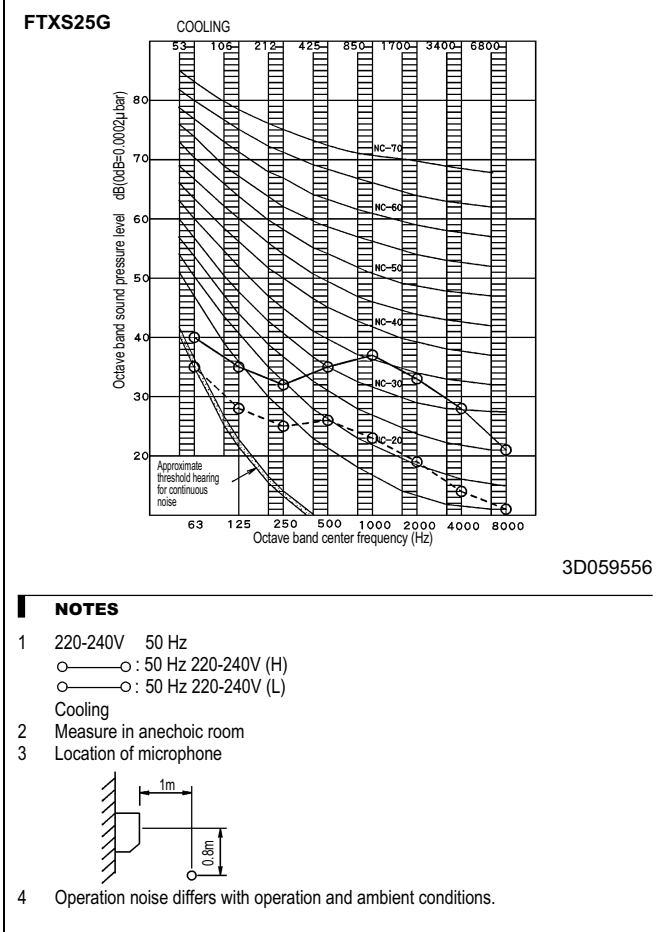
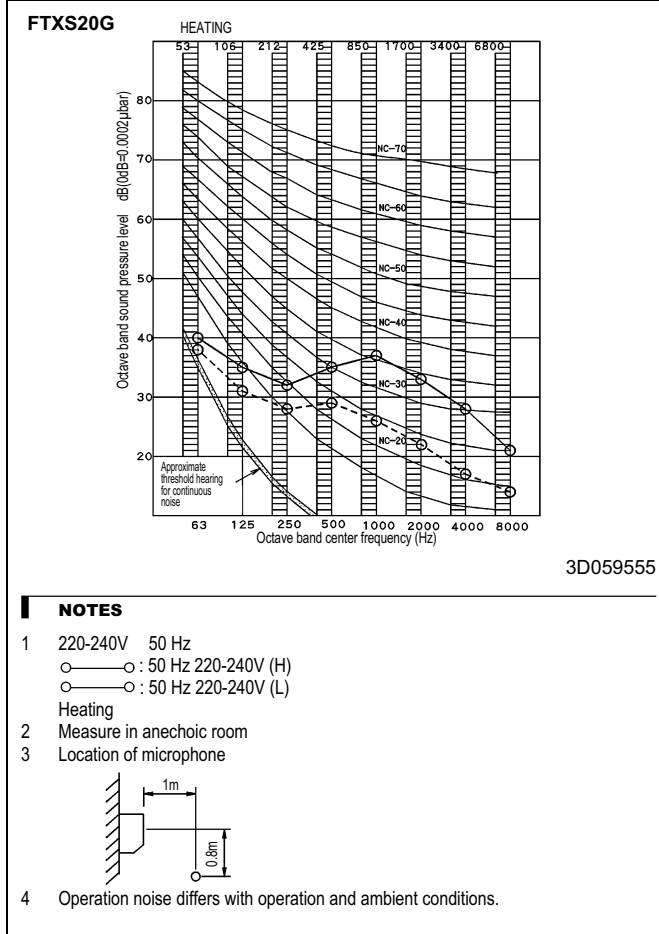
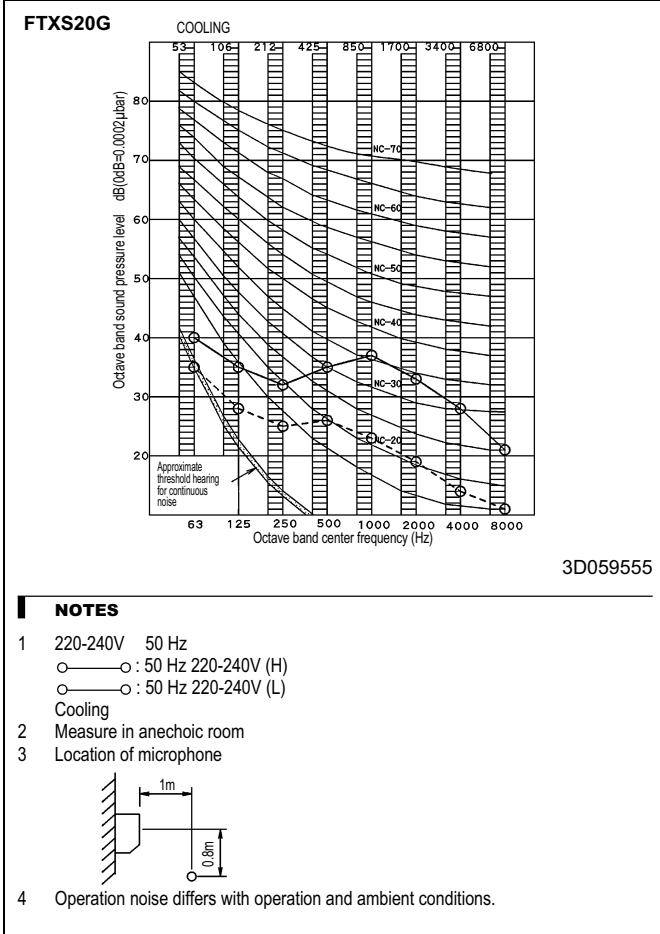




# 7 Sound data

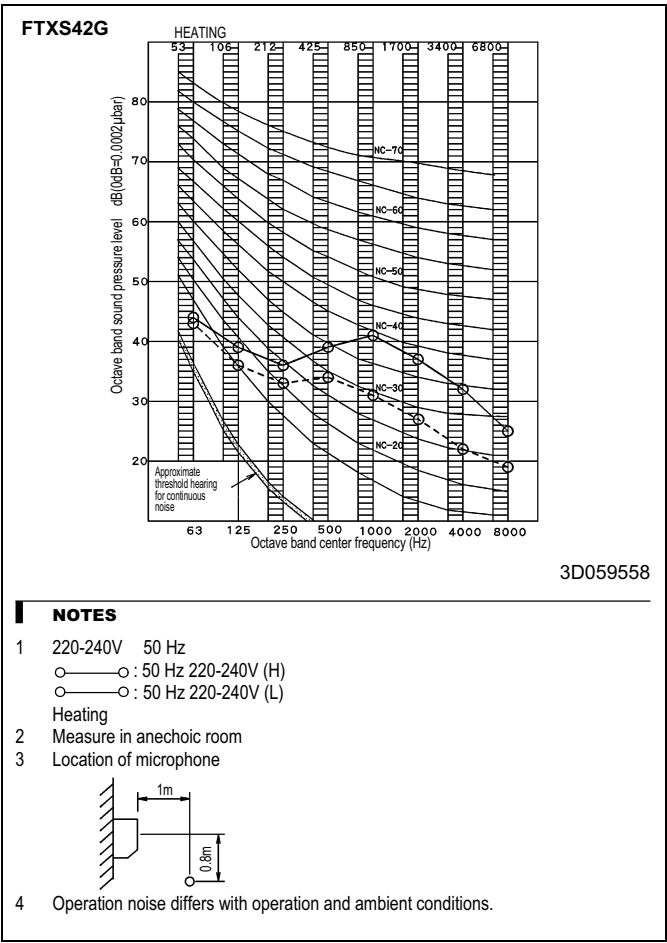
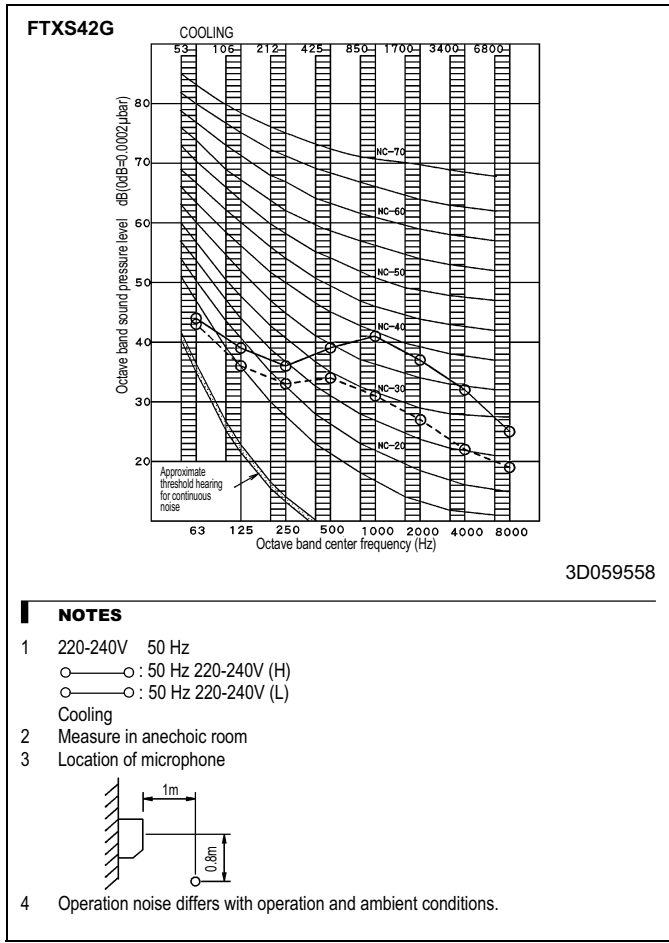
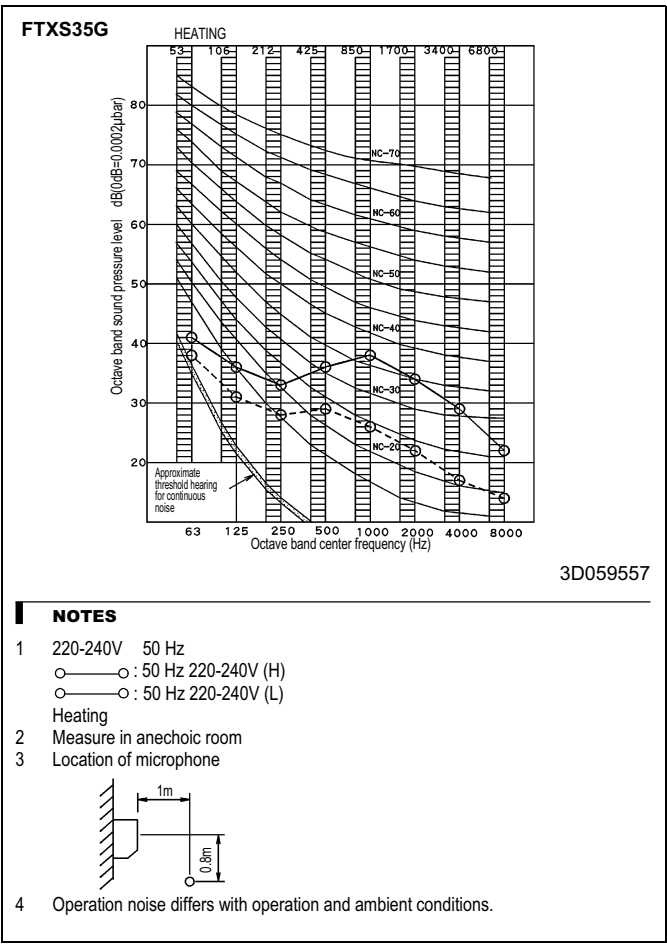
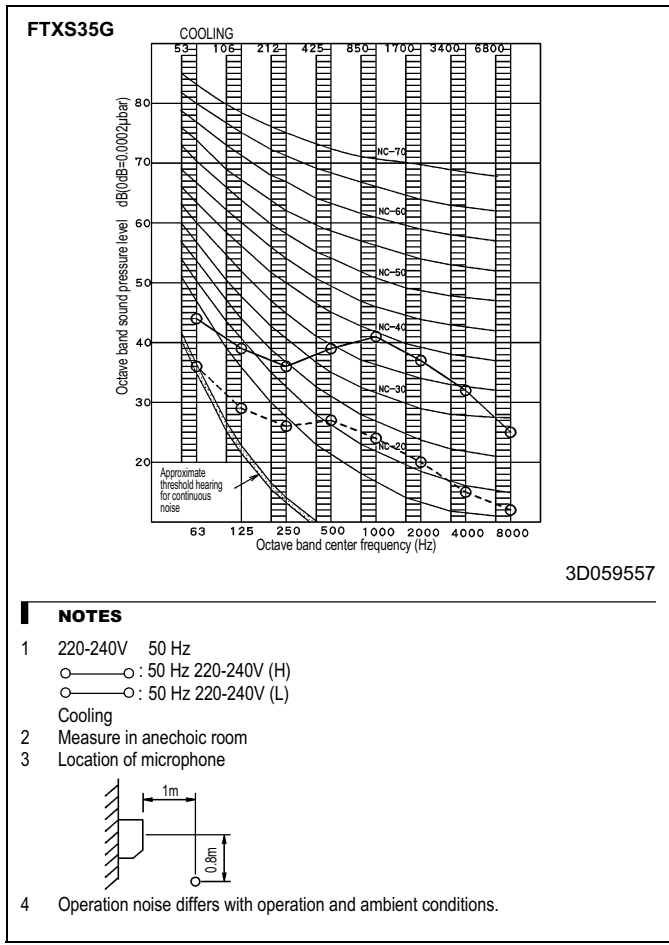
## 7 - 1 Sound pressure spectrum

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# 7 Sound data

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# 7 Sound data

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