

technical data

FTXS-G2V1B

Indoor units

air conditioning systems

Split - Sky Air

R-410A

1

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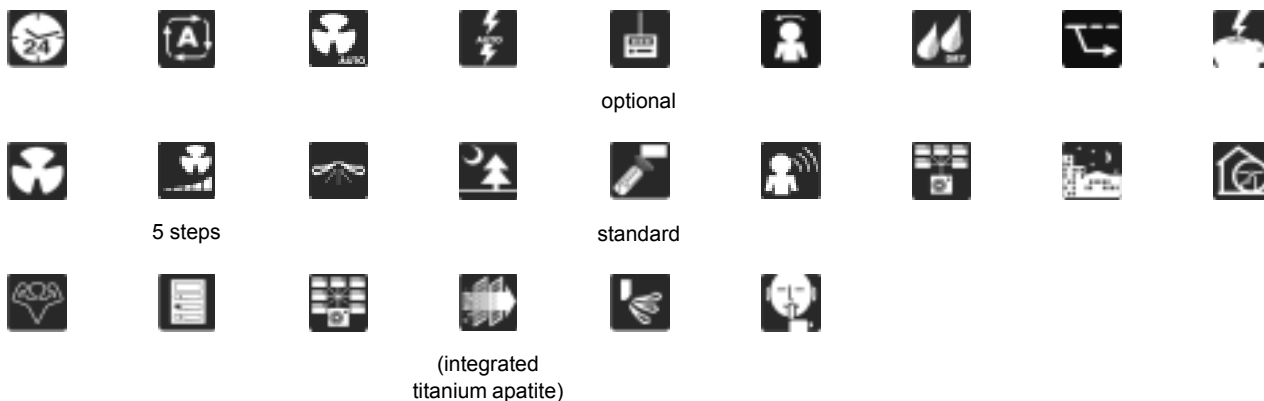
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FTXS-G2V1B

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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



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 louver)					
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

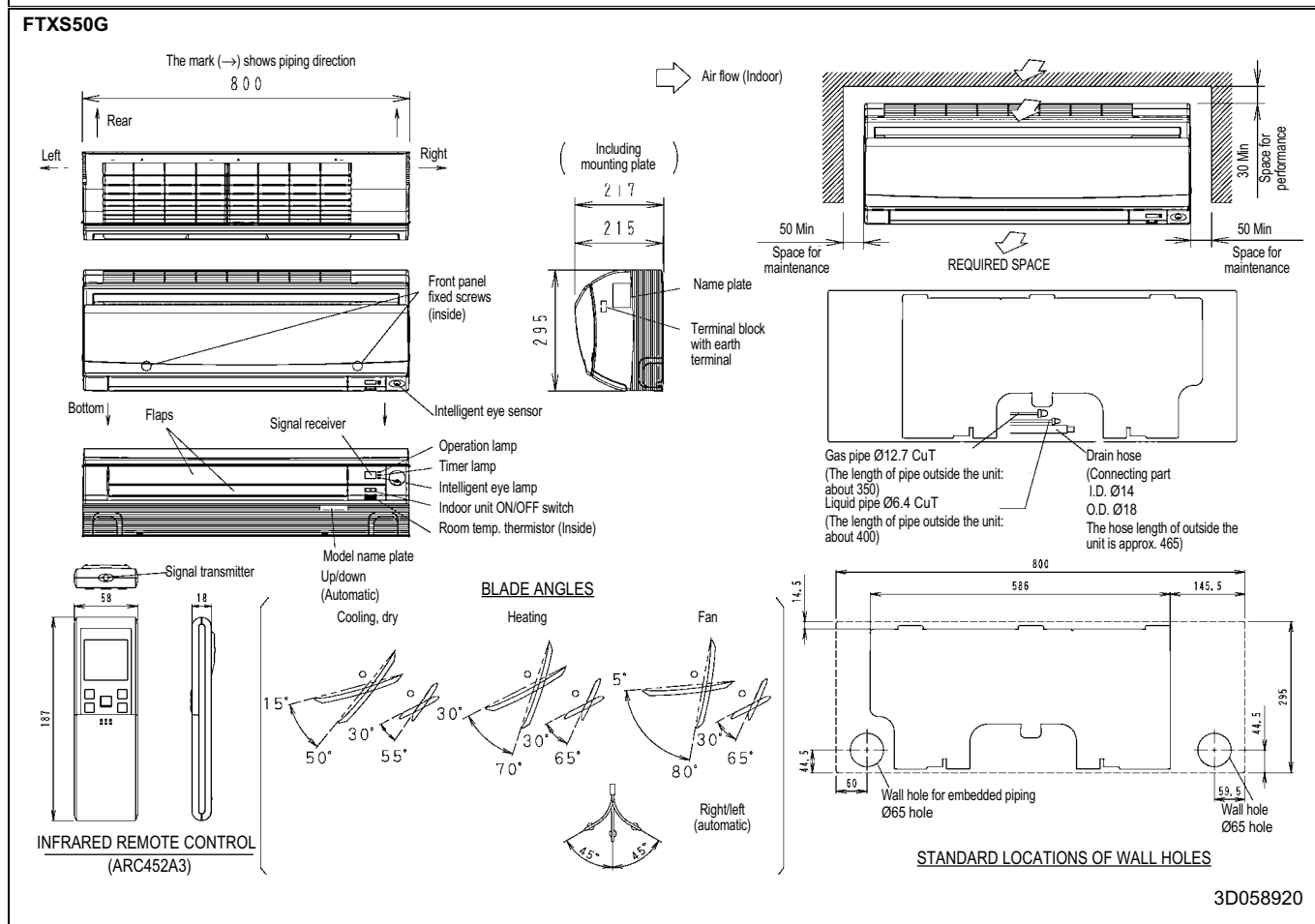
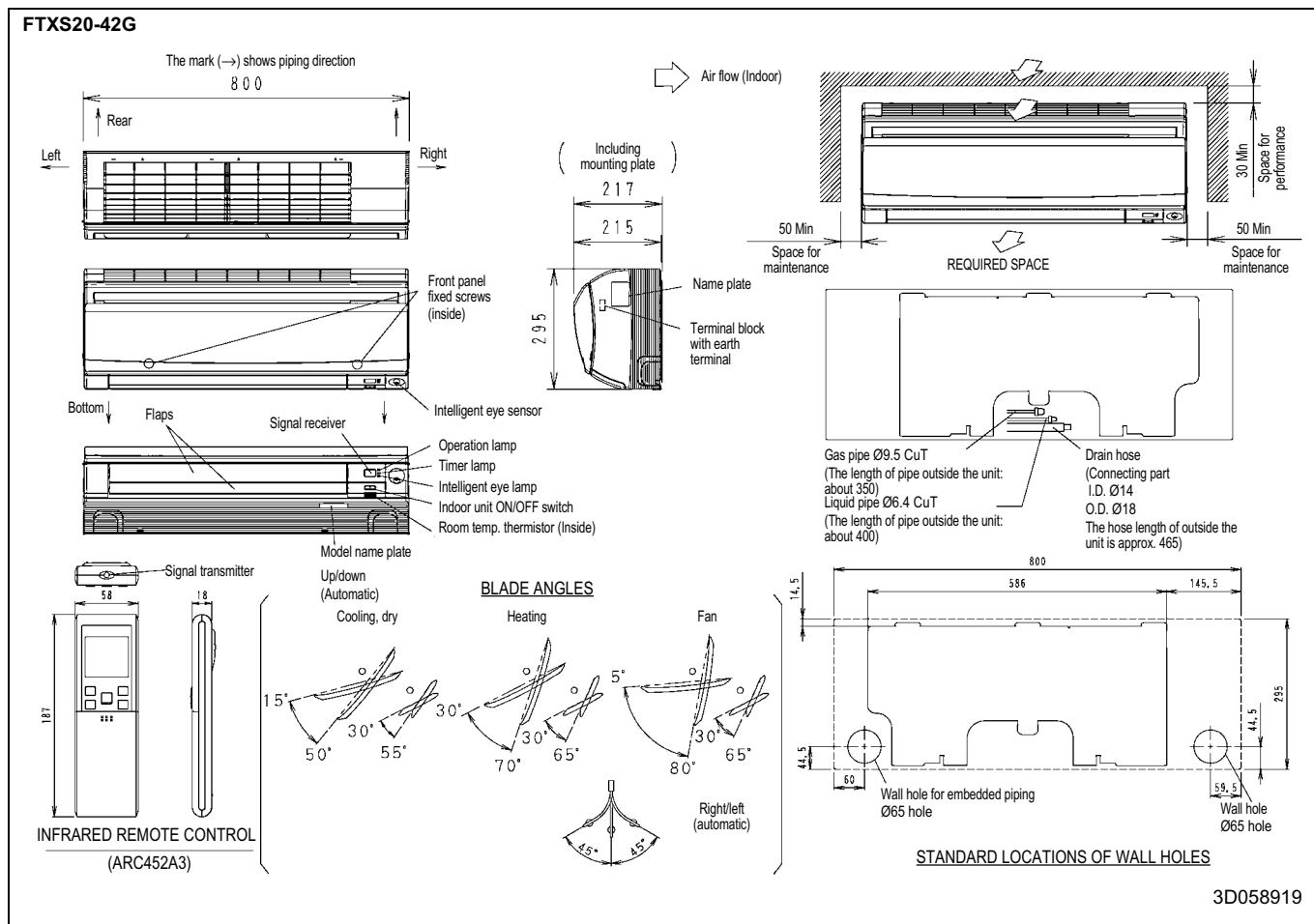
2 Specifications

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 Dimensional drawing & centre of gravity

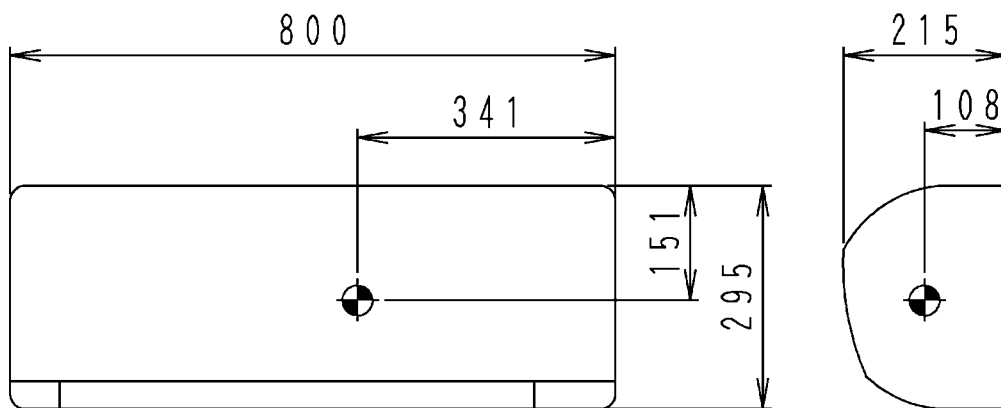
3 - 1 Dimensional drawing



3 Dimensional drawing & centre of gravity

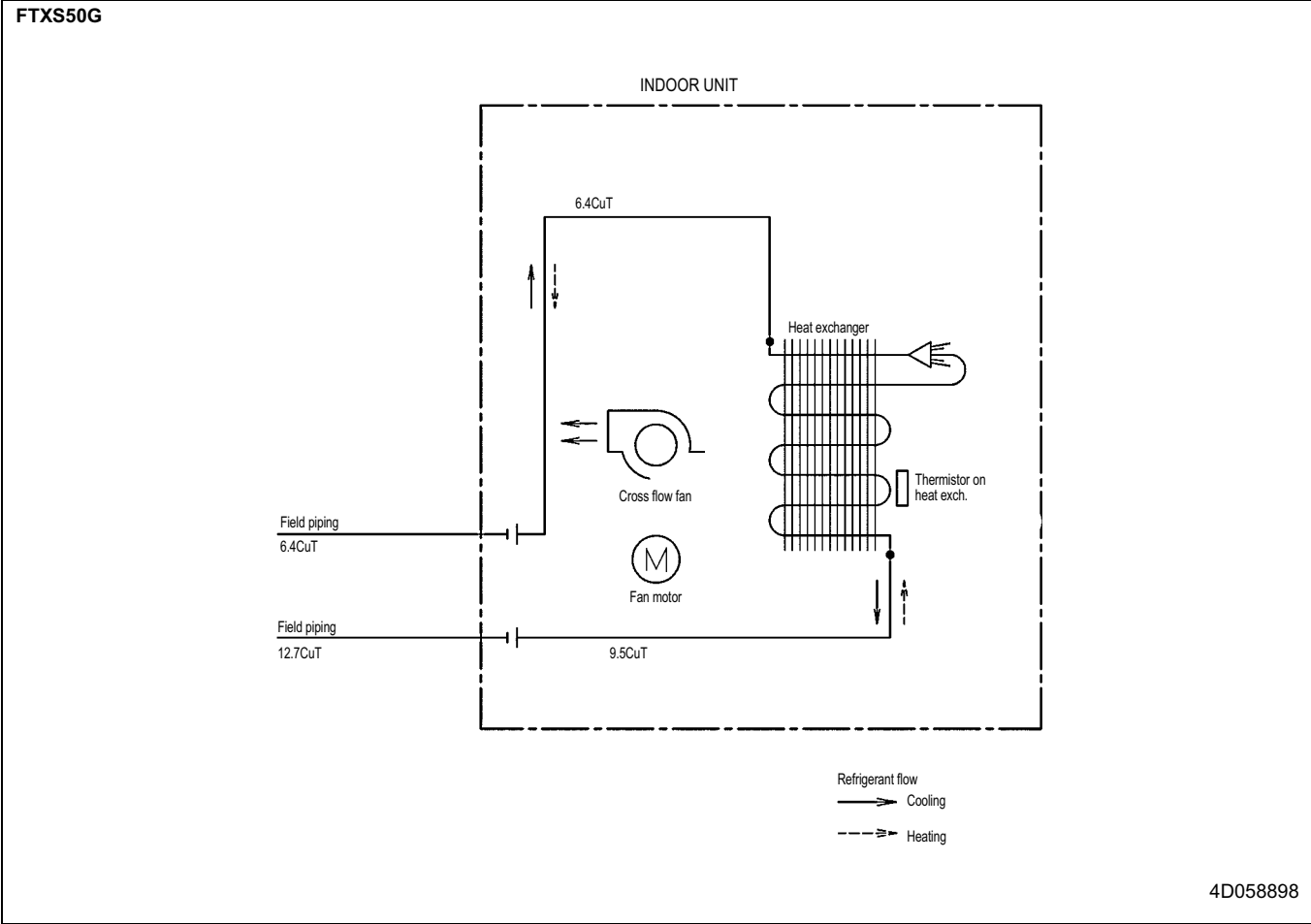
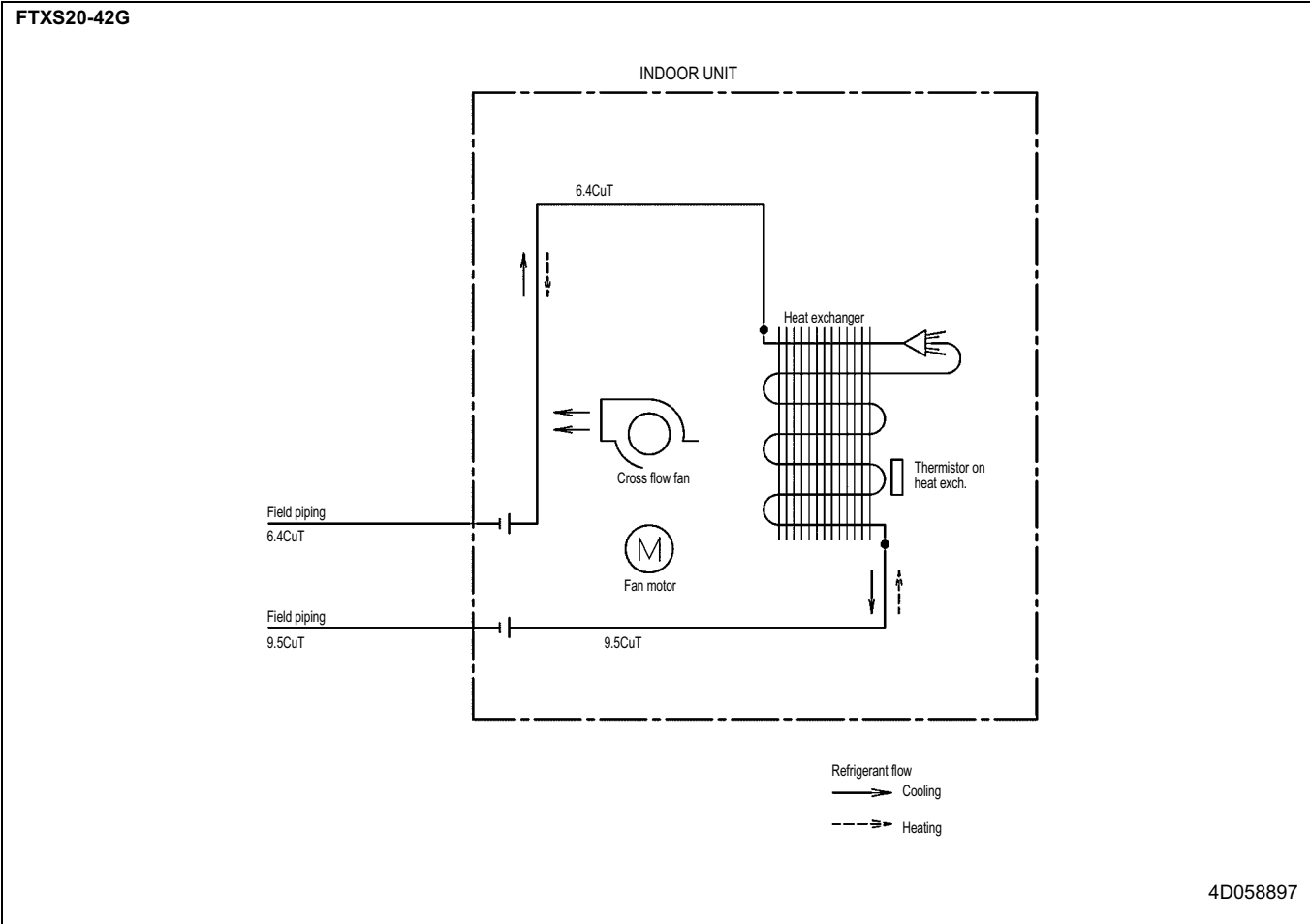
3 - 2 Centre of gravity

FTXS20-50G



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4 Piping diagram

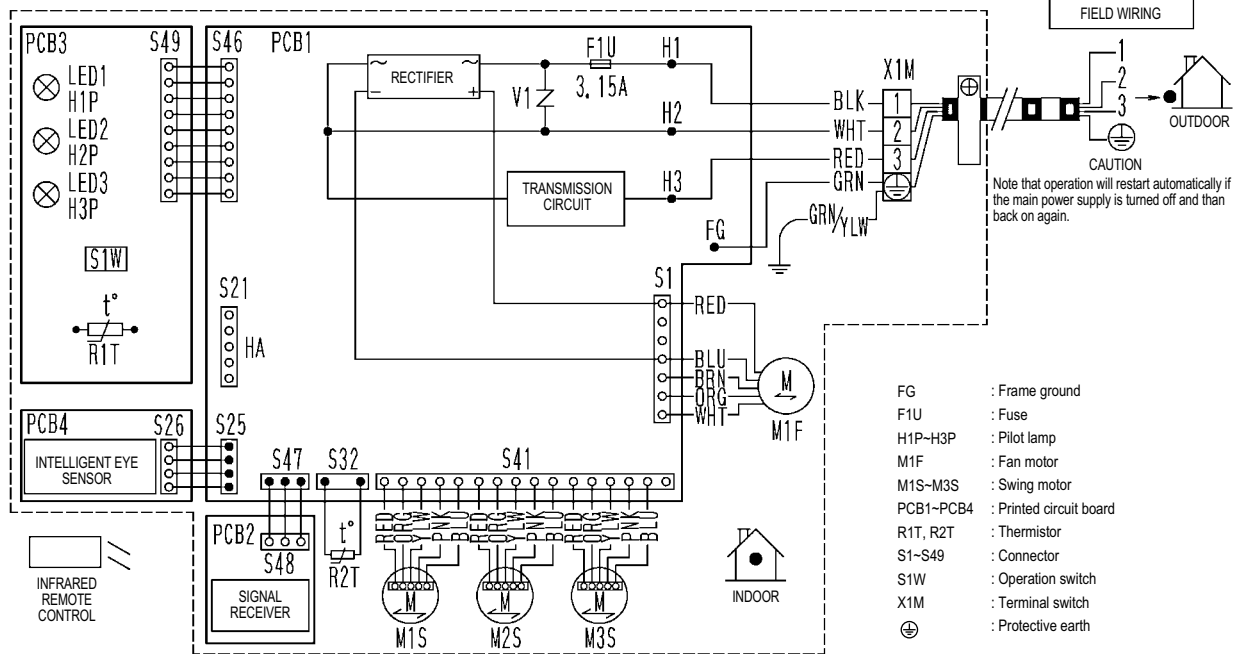


5 Wiring diagram

5 - 1 Wiring diagram

FTXS20-50G

WIRING DIAGRAM

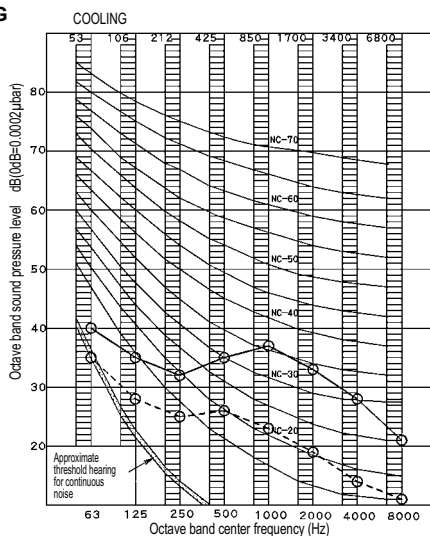


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6 Sound data

6 - 1 Sound pressure spectrum

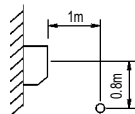
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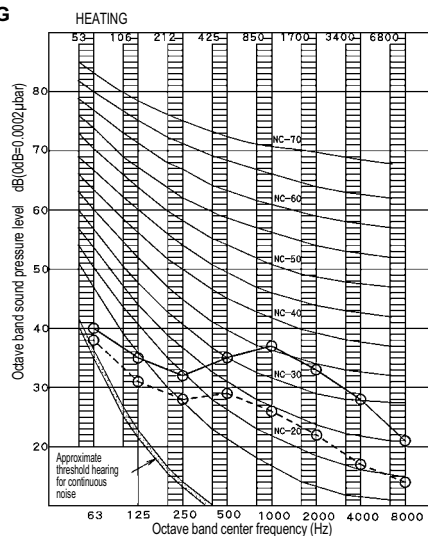
NOTES

- 220-240V 50 Hz
○ : 50 Hz 220-240V (H)
○ : 50 Hz 220-240V (L)
Cooling
- Measure in anechoic room
- Location of microphone



- Operation noise differs with operation and ambient conditions.

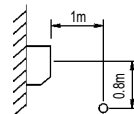
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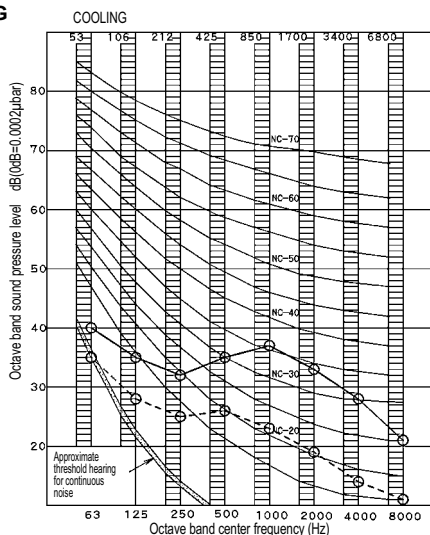
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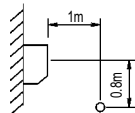
FTXS25G



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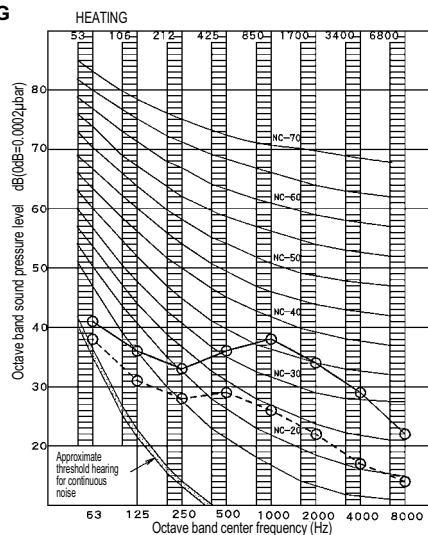
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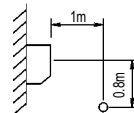
FTXS25G



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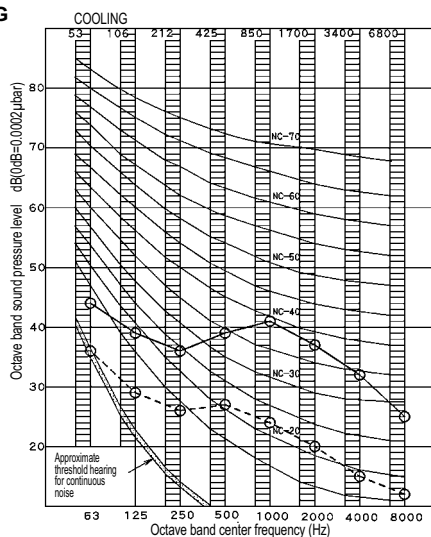
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6 Sound data

6 - 1 Sound pressure spectrum

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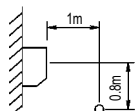
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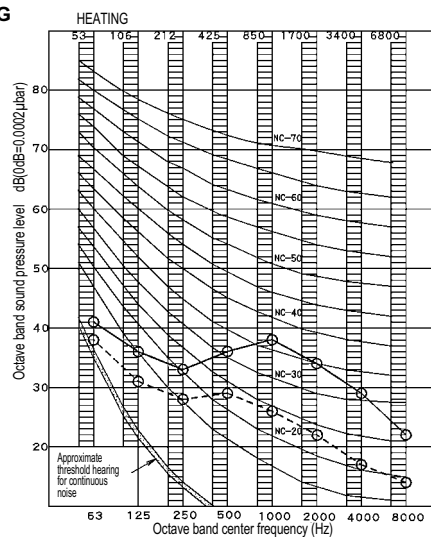
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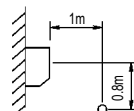
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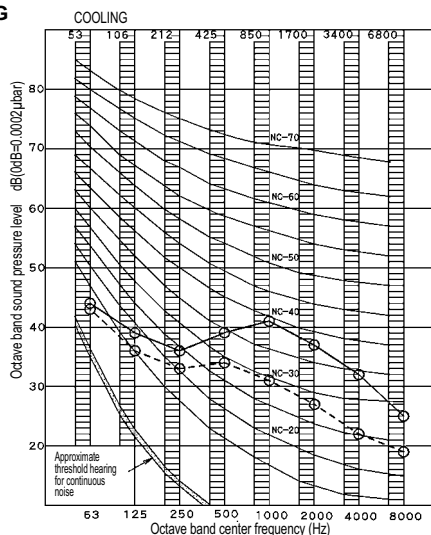
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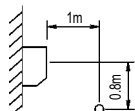
FTXS42G



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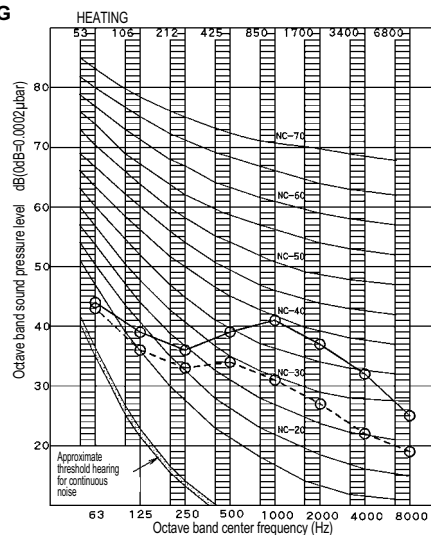
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Cooling
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- Location of microphone



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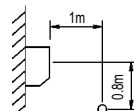
FTXS42G



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NOTES

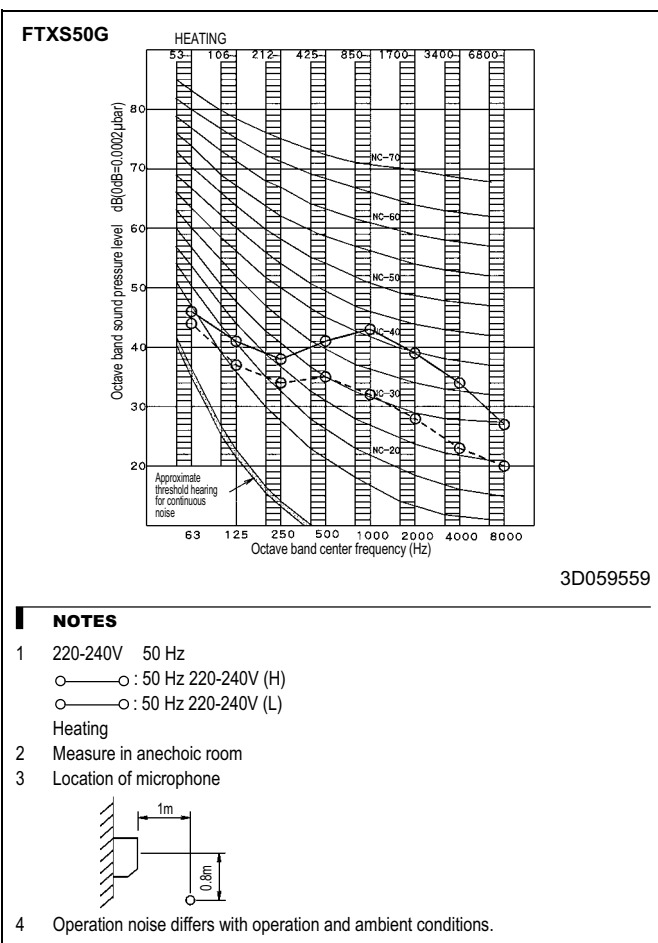
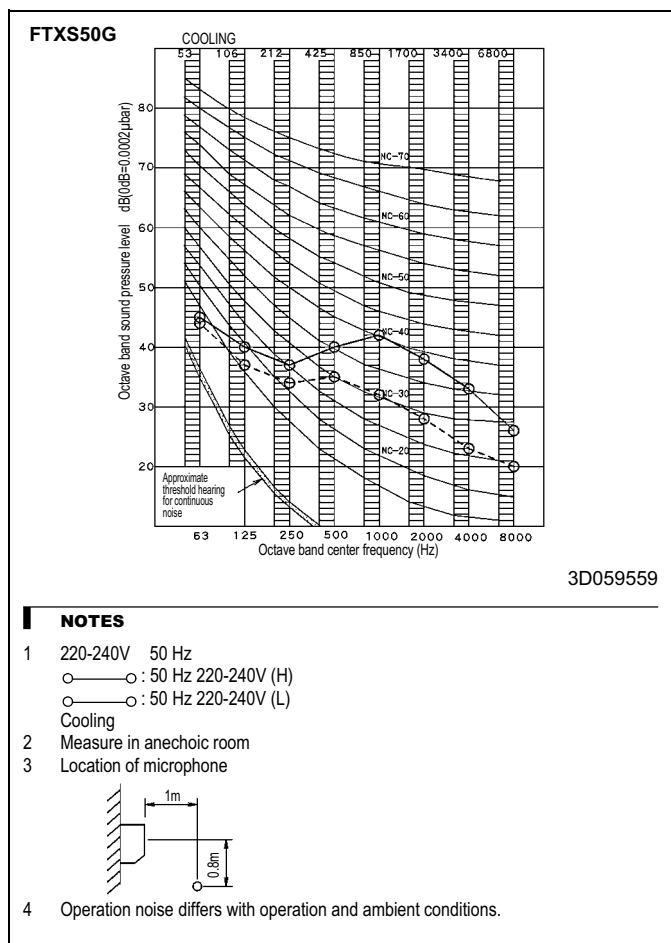
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6 Sound data

6 - 1 Sound pressure spectrum



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Split - Sky Air



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.



Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.



ISO14001 assures an effective environmental management system in order to help protect human health and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the environment.

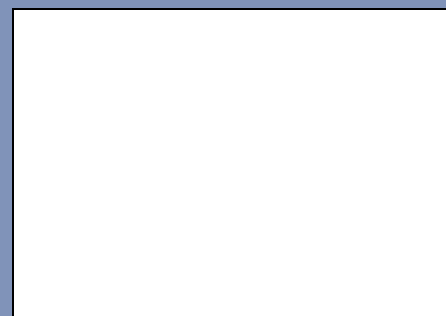


Daikin units comply with the European regulations that guarantee the safety of the product.



Daikin Europe N.V. is participating in the EUROVENT Certification Programme. Products are as listed in the EUROVENT Directory of Certified Products.

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