

Air Conditioners

Technical Data

Wall mounted unit



EEDEN12-100

FTXS-G

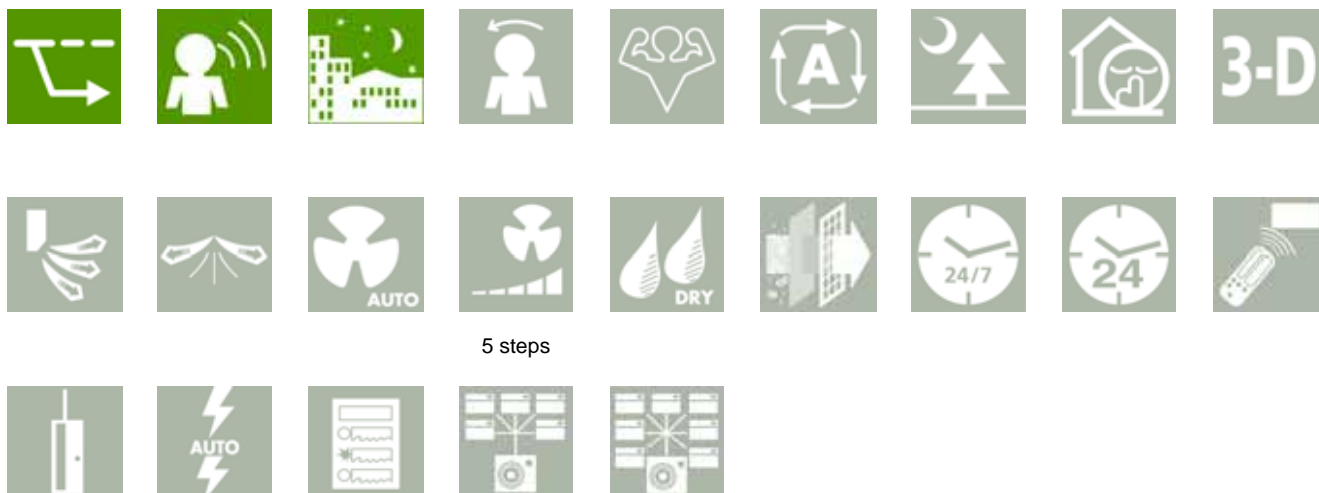
TABLE OF CONTENTS

FTXS-G

1	Features	2
2	Specifications	3
	Technical Specifications	3
	Electrical Specifications	4
3	Dimensional drawings	5
	Dimensional Drawings	5
4	Centre of gravity	6
	Centre of Gravity	6
5	Piping diagrams	7
	Piping Diagrams	7
6	Wiring diagrams	8
	Wiring Diagrams - Single Phase	8
7	Sound data	9
	Sound Pressure Spectrum	9

1 Features

- Movement sensor saves power consumption in unoccupied rooms: when the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.
- 24 hour timer can be set to start heating or cooling anytime during a 24 hour period
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis
- 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.
- 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 (50,60,71 class only)
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Night set mode saves energy by preventing overcooling or overheating during night time
- Indoor/outdoor unit silent operation: "silent" buttons on the remote control lower the operating sound of the indoor and/or outdoor unit by 3dBA each
- 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
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.
- Centralised control of several units can be achieved via 3 wired controls: centralised remote control, unified on/off control, schedule timer



2 Specifications

2-1 Technical Specifications					FTXS60G		FTXS71G	
Power input	Cooling	Nom.	kW		0.040		0.045	
	Heating	Nom.	kW		0.045		0.060	
Casing	Colour				White			
Dimensions	Unit	Height/Width/Depth	mm		290/1,050/250			
	Packed unit	Height/Width/Depth	mm		361/1,145/364			
Weight	Unit			kg	12			
	Packed unit			kg	18			
Packing	Weight			kg	-	6		
Heat exchanger	Length			mm	863			
	Rows	Quantity			2			
	Fin pitch			mm	1.4			
	Stages	Quantity			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	
				cfm	565		607	
			Nom.	m³/min	13.5		14.5	
				cfm	477		512	
			Low	m³/min	11.3		11.5	
				cfm	399		406	
			Silent operation	m³/min	10.1		10.5	
				cfm	357		371	
		Heating	High	m³/min	17.2		19.5	
				cfm	607		689	
			Nom.	m³/min	14.9		16.7	
				cfm	526		590	
			Low	m³/min	12.6		14.2	
				cfm	445		501	
			Silent operation	m³/min	11.3		12.6	
				cfm	399		445	
Fan motor	Model				ARW3001DA			
	Speed	Steps			5 + silent, + auto			
		Cooling	High/Medium/Low/Silent operation	rpm	1,330/1,170/1,010/920		1,410/1,220/1,040/950	
		Heating	High/Medium/Low/Silent operation	rpm	1,360/1,200/1,040/950		1,520/1,330/1,150/1,040	
	Output	High	W		43			
Sound power level	Cooling	High		dBA	61		62	
	Heating	High		dBA	60		62	
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	45/41/36/33		46/42/37/34	
	Heating	Super high/High/Nom./Low/Silent operation		dBA	-/44/40/35/32		-/46/42/37/34	
Refrigerant	Type				R-410A		-	
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 : 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 : Wireless remote control; Quantity : 1;

Standard Accessories : Installation manual; Quantity : 1;

2 Specifications

Standard Accessories : Operation manual; Quantity : 1;

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

Standard Accessories : Titanium apatite photocatalytic air purification filter without frame; Quantity : 2;

2

2-2 Electrical Specifications				FTXS60G	FTXS71G
Power supply	Name			V1	
	Phase			1~	
	Frequency	Hz		50	
	Voltage	V		220-240	
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.19 (2) / 0.18 (3) / 0.17 (4)	0.21 (1) / 0.20 (2) / 0.19 (3)
		Heating	A	0.21 (2) / 0.20 (3) / 0.19 (4)	0.28 (1) / 0.27 (2) / 0.26 (3)
Current - 60Hz	Nominal running current			-	
Wiring connections - 50Hz	For power supply	Remark		3 for power supply, 4 for interunit wiring (Earth wire included)	

Notes

(1) SL: The silent fan level of the air flow rate setting

(2) 220V

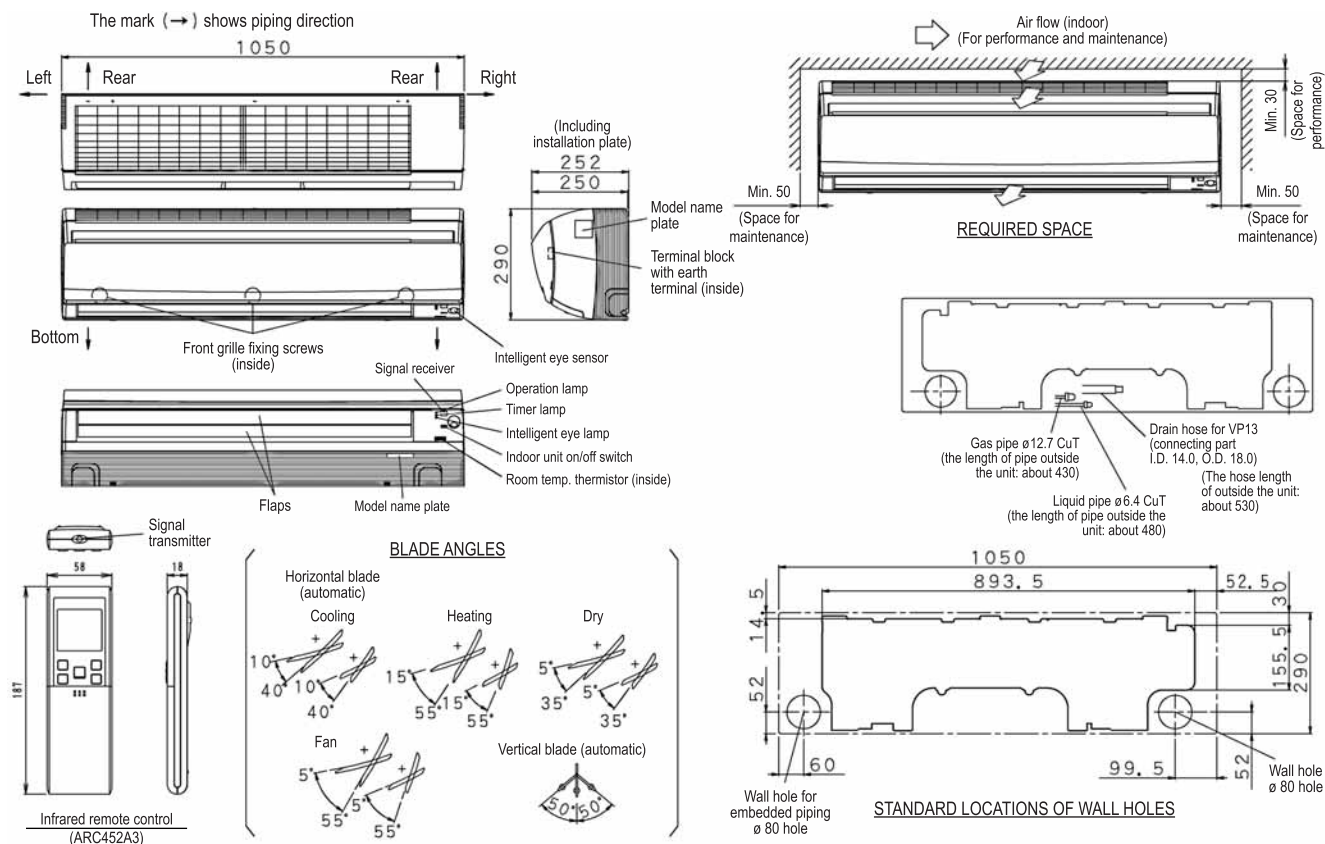
(3) 230V

(4) 240V

3 Dimensional drawings

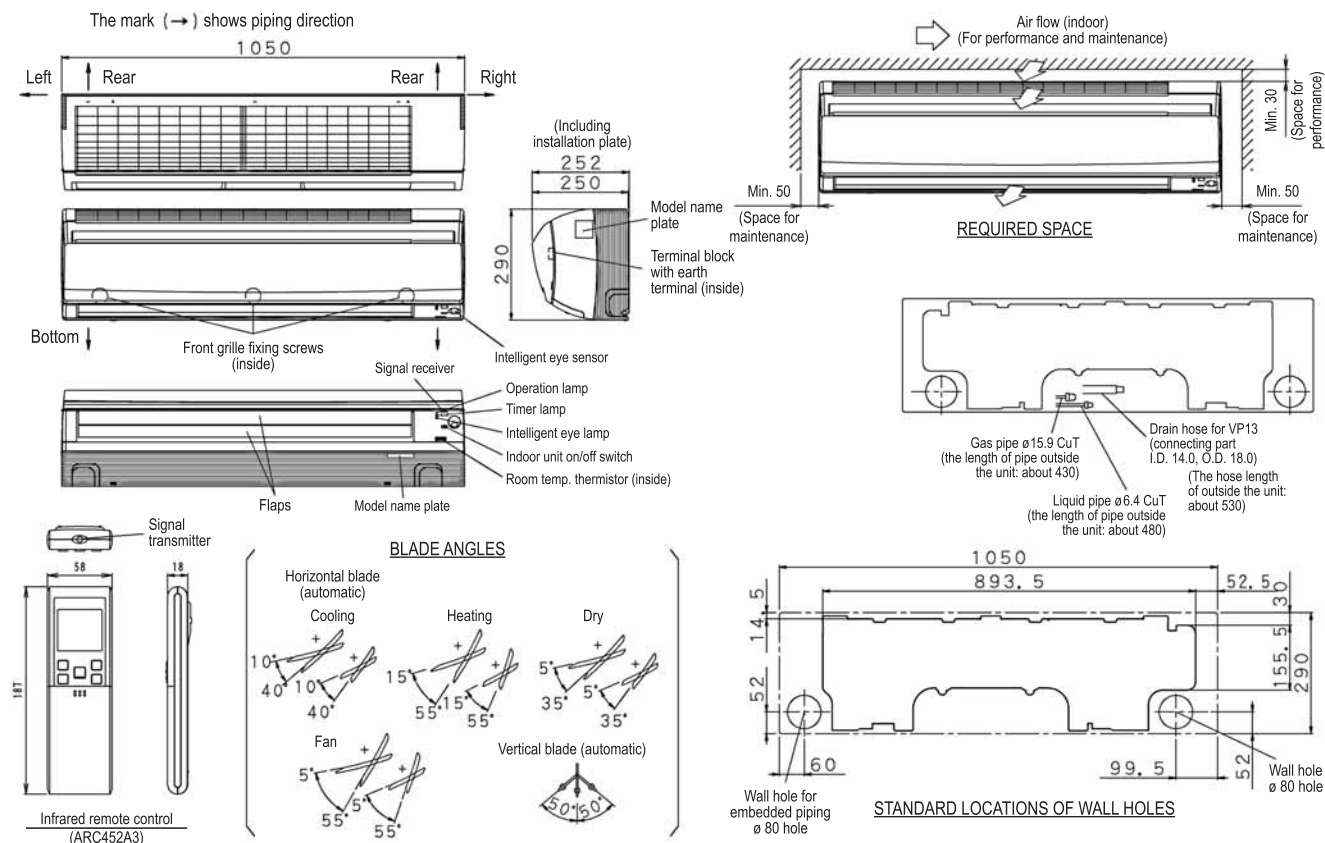
3 - 1 Dimensional Drawings

FTXS60G



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FTXS71G

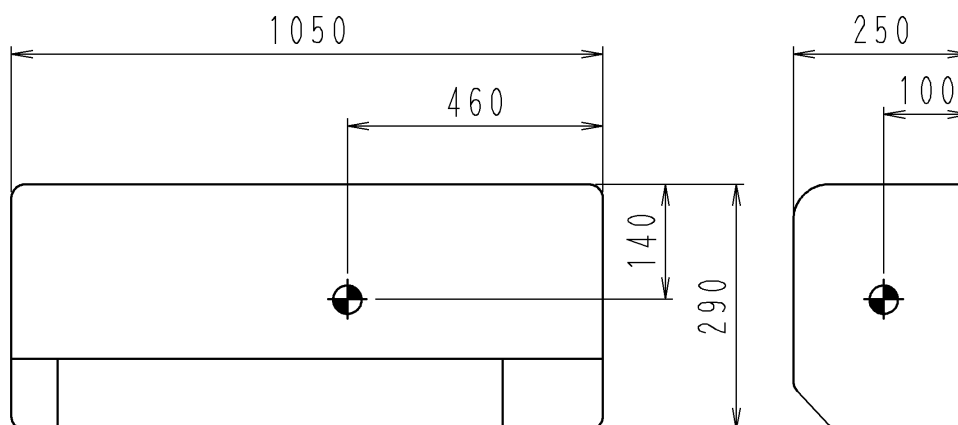


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4 Centre of gravity

4 - 1 Centre of Gravity

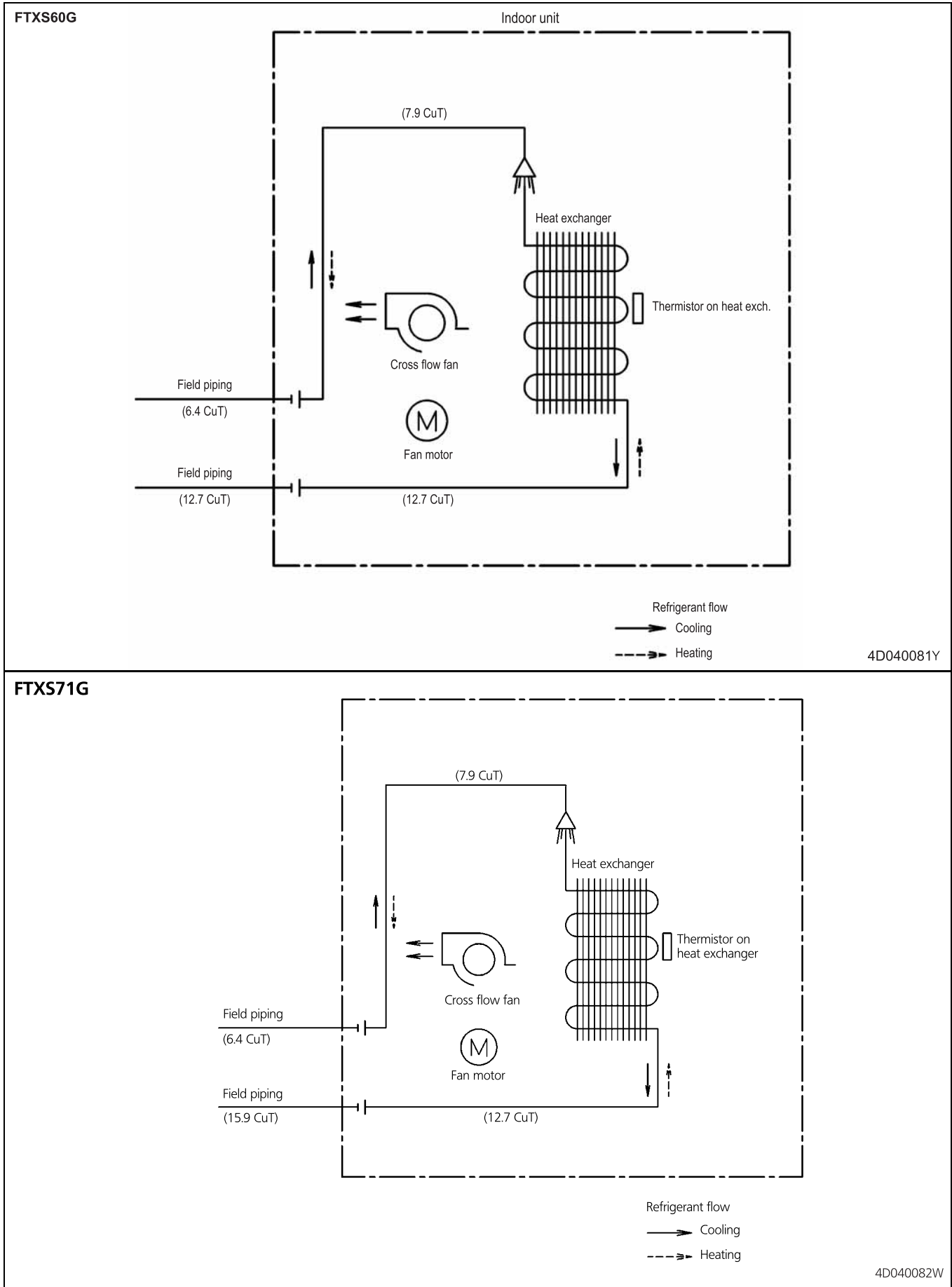
FTXS60-71G



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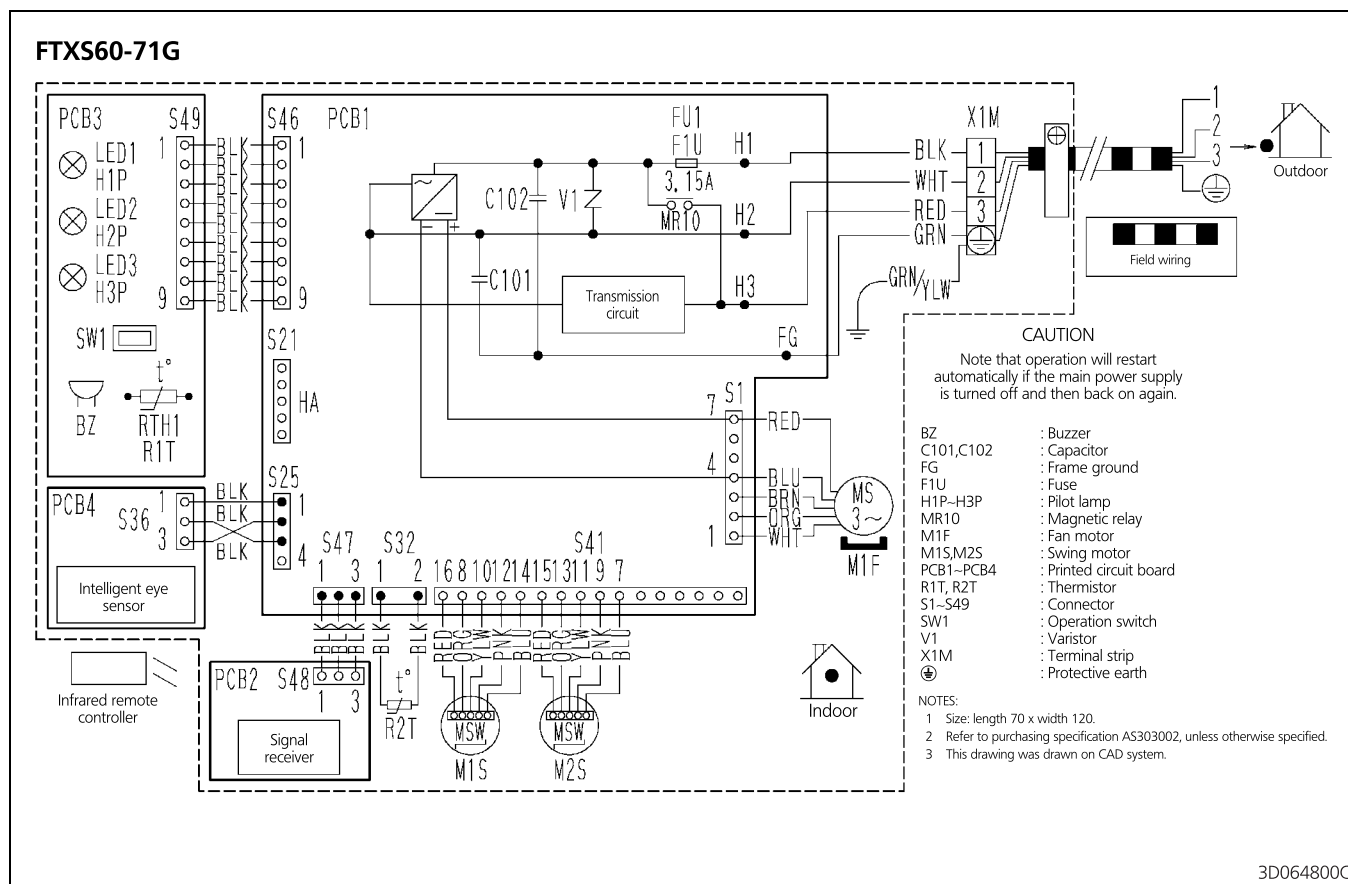
5 Piping diagrams

5 - 1 Piping Diagrams



6 Wiring diagrams

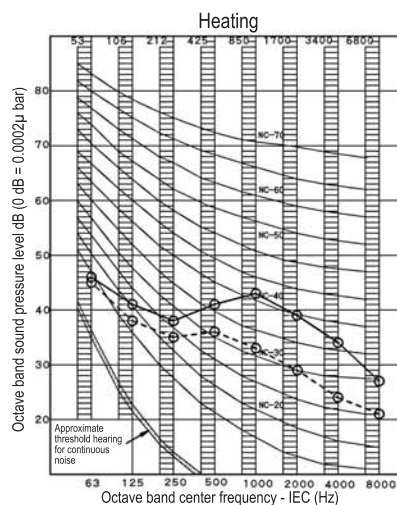
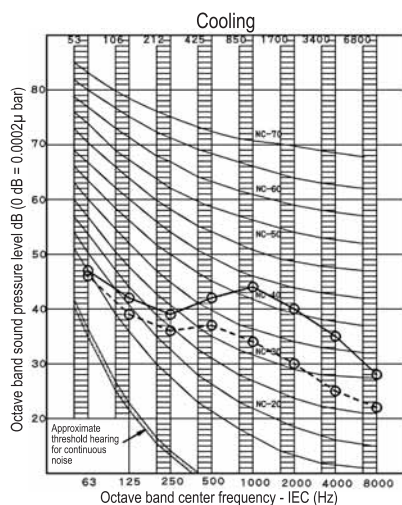
6 - 1 Wiring Diagrams - Single Phase



7 Sound data

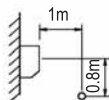
7 - 1 Sound Pressure Spectrum

FTXS60G



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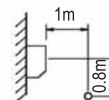
- Over All (dB):
(B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



Scale	50Hz 220-240V	
	(H)	(L)
A	45	36

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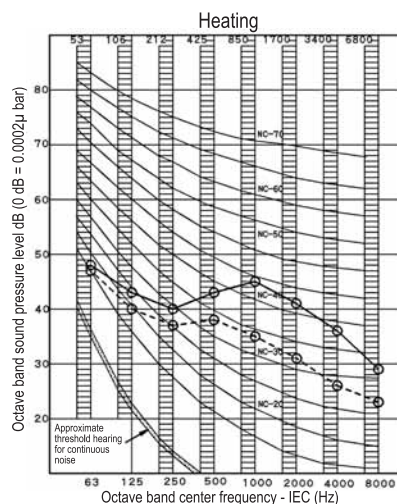
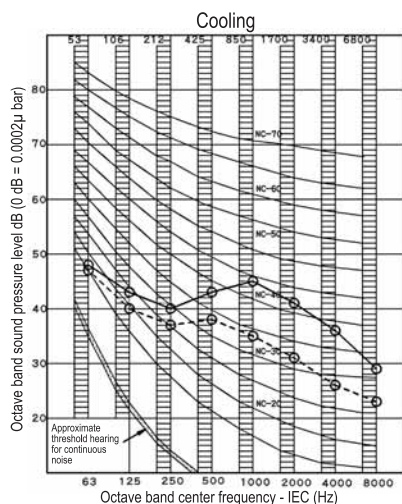
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JISC9612
The operation noise measuring method is in accordance with JISC9612



Scale	50Hz 220-240V	
	H	L
A	44	35

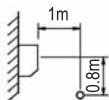
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FTXS71G



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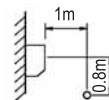
- Over All (dB):
(B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



Scale	50Hz 220-240V	
	(H)	(L)
A	46	37

NOTES

- Over All (dB):
(B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone.
JISC9612
The operation noise measuring method is in accordance with JISC9612



Scale	50Hz 220-240V	
	(H)	(L)
A	46	37

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In all of us,
a green heart



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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