



Air Conditioning Technical Data

Wall mounted unit



EEEN13-100

FTXS-G

TABLE OF CONTENTS

FTXS-G

1	Features	2
2	Specifications	3
	Technical Specifications	3
	Electrical Specifications	4
3	Options	5
	Options	5
4	Dimensional drawings	6
	Dimensional Drawings	6
5	Centre of gravity	7
	Centre of Gravity	7
6	Piping diagrams	8
	Piping Diagrams	8
7	Wiring diagrams	9
	Wiring Diagrams - Single Phase	9
8	Sound data	10
	Sound Pressure Spectrum	10

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.
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- 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
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen
- 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.
- 24 hour timer can be set to start heating or cooling anytime during a 24 hour period
- Centralised control of several units can be achieved via 3 wired controls: centralised remote control, unified on/off control, schedule timer
- Weekly timer can be set to start heating or cooling anytime on a daily or weekly basis

1



2 Specifications

2-1 Technical Specifications				FTXS60G		FTXS71G		
Power input	Cooling	Nom.	kW	0.040 (2) / 0.040 (3) / 0.040 (4)		0.045 (2) / 0.045 (3) / 0.045 (4)		
	Heating	Nom.	kW	0.045 (2) / 0.045 (3) / 0.045 (4)		0.060 (2) / 0.060 (3) / 0.060 (4)		
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	m ³ /min	16.0	17.2		
				cfm	565	607		
			Nom.	m ³ /min	16.0	17.2		
				cfm	565	607		
		Low	m ³ /min	11.3	11.5			
			cfm	399	406			
		Silent operation	m ³ /min	10.1	10.5			
			cfm	357	371			
	Heating	High	m ³ /min	17.2	19.5			
			cfm	607	689			
		Nom.	m ³ /min	14.9	16.7			
			cfm	526	590			
		Low	m ³ /min	12.6	14.2			
			cfm	445	501			
		Silent operation	m ³ /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/Nom.		dBA	61/60		-/63	
	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				
Piping connections	Liquid	OD		6.35				
	Gas	OD		12.7	15.9			
	Drain		18					
	Heat insulation		Both liquid and gas pipes					
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 : Batteries; Quantity : 2;

Standard Accessories : Mounting plate; Quantity : 1;

Standard Accessories : Wireless remote control; Quantity : 1;

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

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Remote control holder; Quantity : 1;

2 Specifications

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

Standard Accessories : Installation manual; Quantity : 1;

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 (2) / 0.20 (3) / 0.19 (4)
		Heating	A	0.21 (2) / 0.20 (3) / 0.19 (4)	0.28 (2) / 0.27 (3) / 0.26 (4)
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 Options

3 - 1 Options

FTXS-G

Indoor Units - Control systems

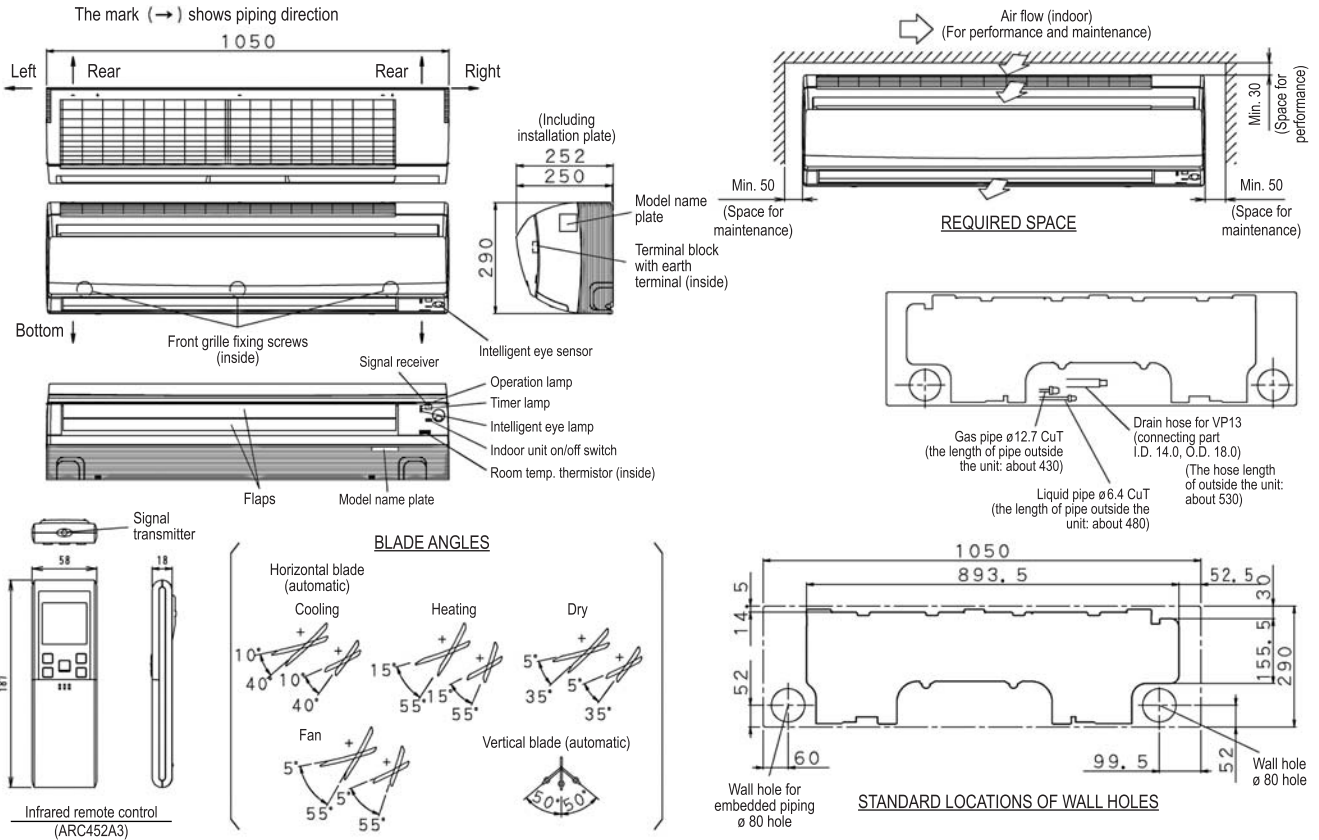
		FTXS60G	FTXS71G
Wired remote control (3)			BRC944
Cord for wired remote control	3m		BRCW901A03
	8m		BRCW901A08
Wiring adapter normal open contact / normal open pulse contact			KBP413A1S (1)
Centralised control board	Up to 5 rooms		KRC72 (2)
Anti-theft protection for remote control			KKF910A4
Central remote controller			DCS302C51
Unified ON/OFF control			DCS301B51
Schedule timer			DST301B51
Interface adapter for DIM-net			KRP928A2S
Online controller			KKRP01A
External mounting kit for online controller			KKRPM01A
Wifi power cable for online controller			KKRPM01A
Touch LCD wall controller (4)			KBRC01A
Simple wall controller (4)			KBRC501A
KNX gateway			KUK-DD

- (1) Wiring adapter supplied by Daikin. Time clock and other devices: to be purchased locally.
 (2) Wiring adapter is also required for each indoor unit.
 (3) Cord for wired remote control BRCW901A03 or BRCW901A08 required.
 (4) Can only be used in combination with online controller KKRPM01A.

4 Dimensional drawings

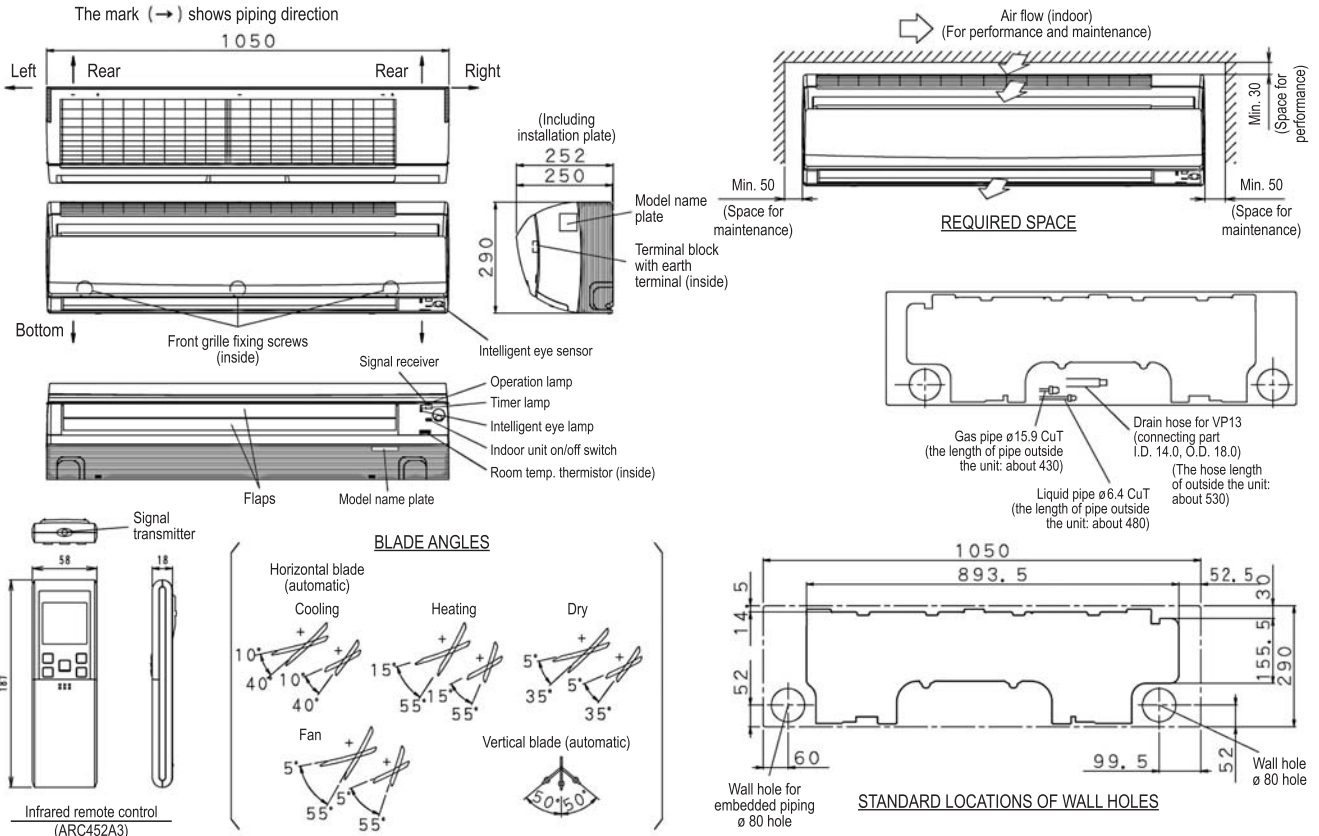
4 - 1 Dimensional Drawings

FTXS60G



3D065514

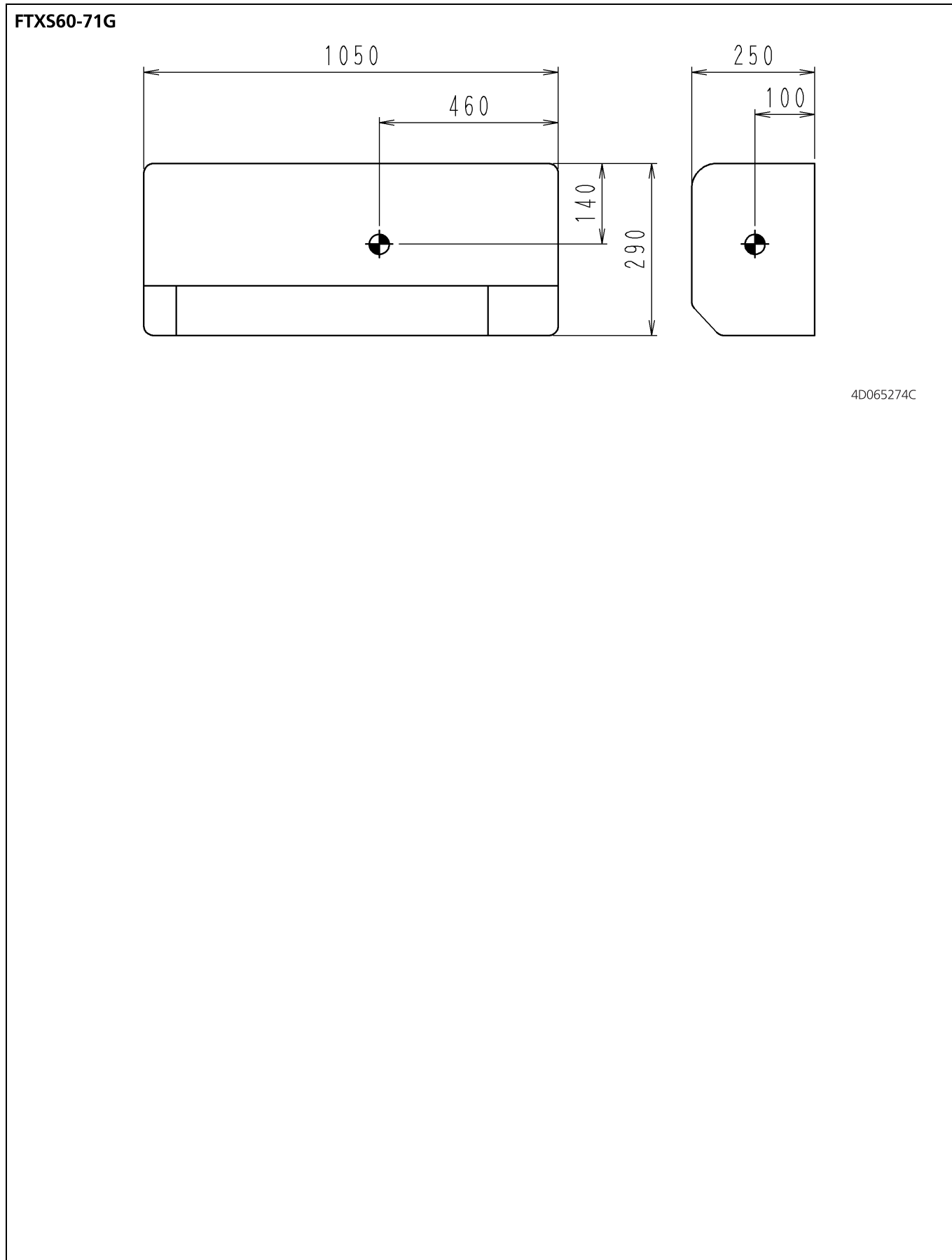
FTXS71G



3D065515

5 Centre of gravity

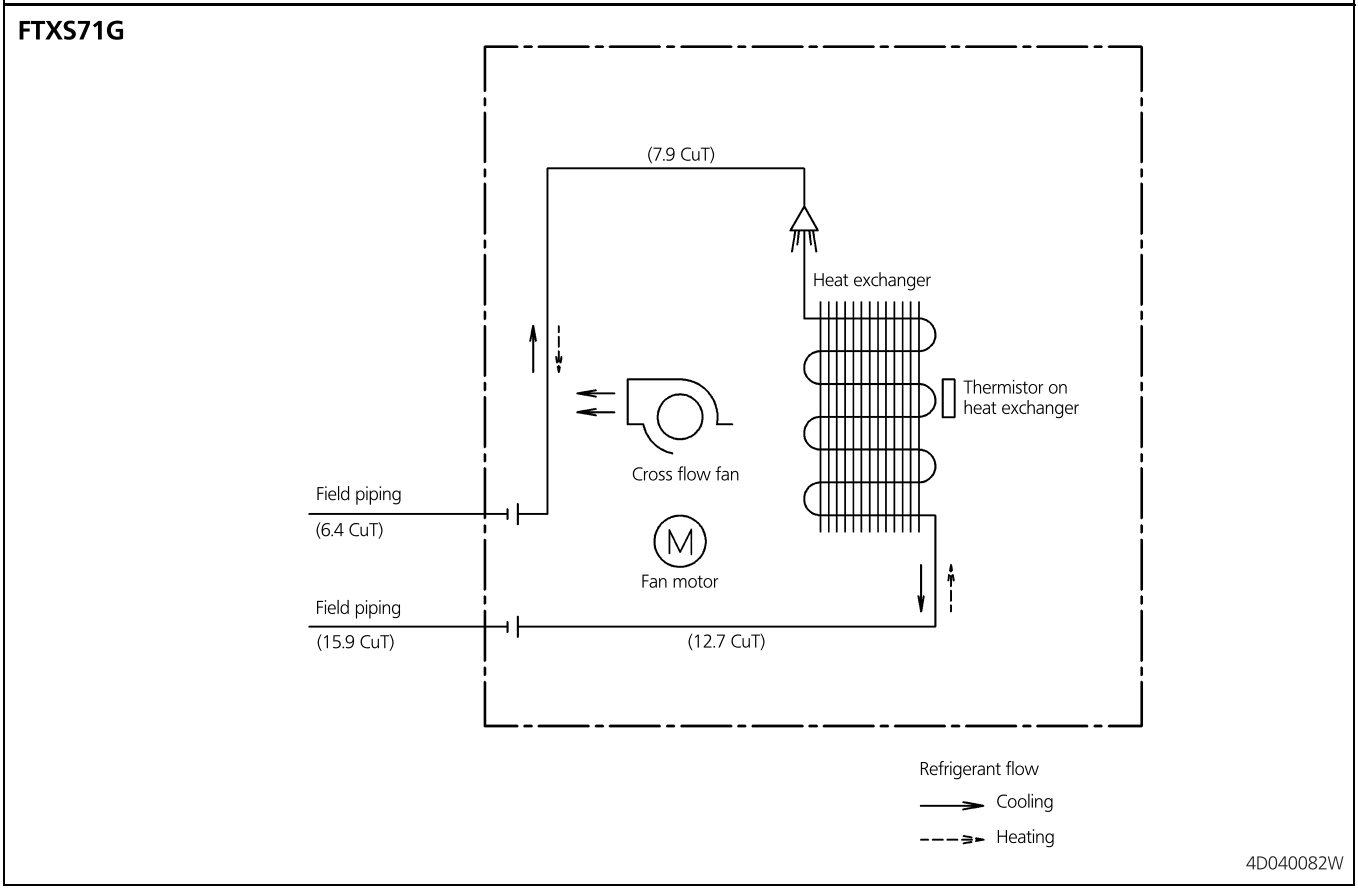
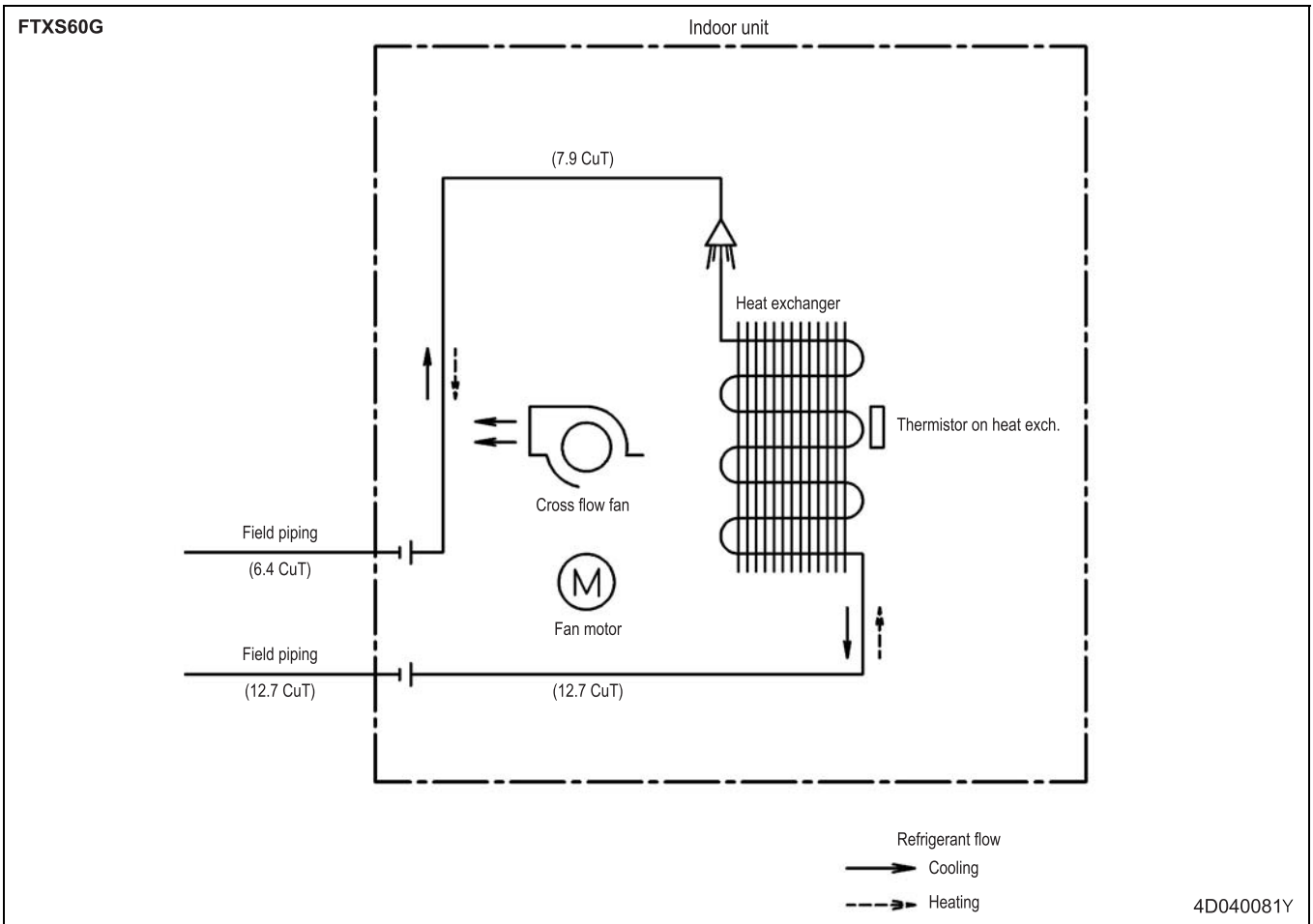
5 - 1 Centre of Gravity



6 Piping diagrams

6 - 1 Piping Diagrams

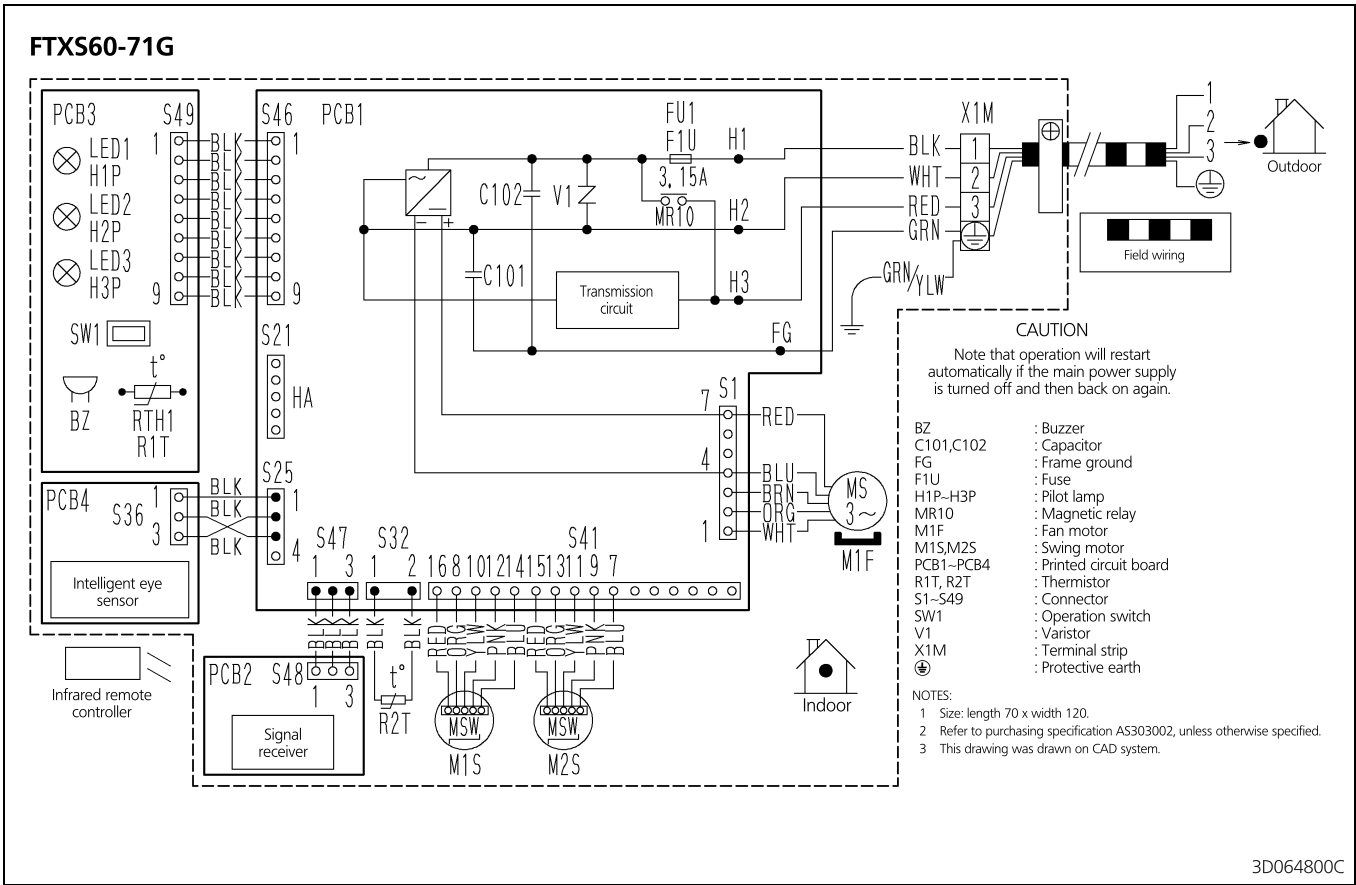
6



8

7 Wiring diagrams

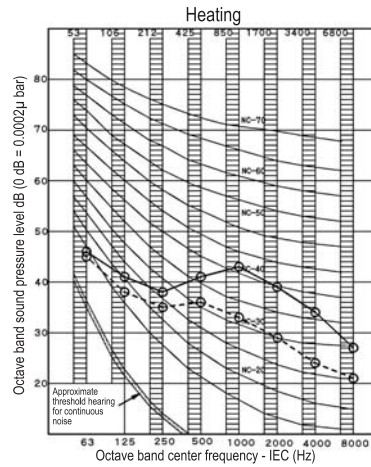
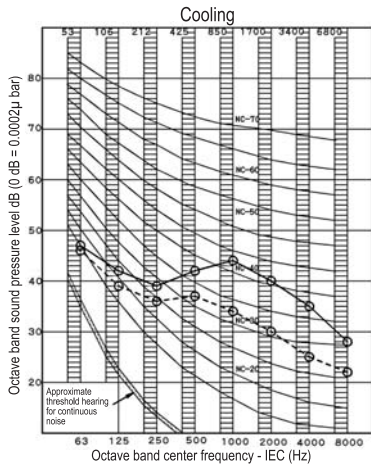
7 - 1 Wiring Diagrams - Single Phase



8 Sound data

8 - 1 Sound Pressure Spectrum

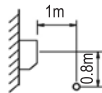
FTXS60G



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

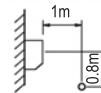
Scale	50Hz 220-240V	
	(H)	(L)
A	45	36



NOTES

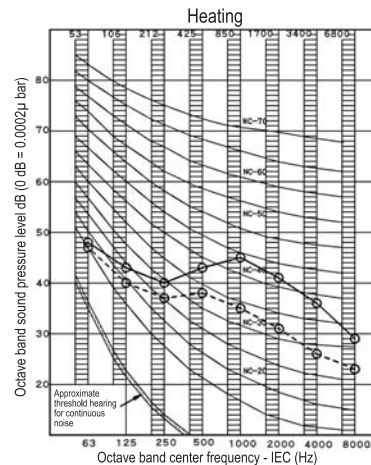
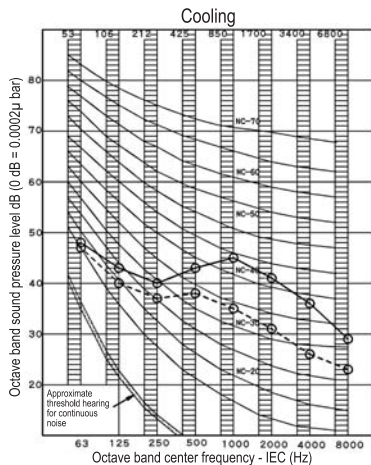
- Over All (dB): (B,G,N is already rectified)
- Measuring place: measure in anechoic room.
- Operation noise differs with operation and ambient conditions.
- Location of microphone. JISC9612
The operation noise measuring method is in accordance with JISC9612

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



3D051227E

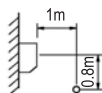
FTXS71G



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

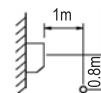
Scale	50Hz 220-240V	
	(H)	(L)
A	46	37



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



3D051225D



Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP) and Fan coil units (FCU). Check on-going validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V.. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.

BARCODE

Daikin products are distributed by: