



Air Conditioning Technical Data

Wall mounted unit



EEDEN15-100

FTXG-LS, FTXG-LW

TABLE OF CONTENTS

FTXG-LS, FTXG-LW

1	Features	2
	FTXG-LS	2
	FTXG-LW	3
2	Specifications	4
	Technical Specifications	4
	Electrical Specifications	5
3	Options	6
4	Dimensional drawings	7
5	Centre of gravity	8
6	Piping diagrams	9
7	Wiring diagrams	11
	Wiring Diagrams - Single Phase	11
8	Sound data	12
	Sound Pressure Spectrum	12




























1 Features

1 - 1 FTXG-LS

- Remarkable blend of iconic design and engineering excellence with an elegant finish in silver and anthracite
- Daikin Emura has been awarded with Reddot design award 2014 by an international jury, thanks to its excellent design
- Designed to perfectly balance technological leadership and the beauty of aerodynamics
- Seasonal efficiency values up to A+++
- Online controller (optional): control your indoor from any location with an app, via your local network or internet
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!

1






























								
Econo mode	2 area intelligent eye	Energy saving during standby mode	Night set mode	Fan only	Comfort mode	Powerful mode	Auto cooling-heating changeover	Whisper quiet
								
Indoor unit silent operation	3-D air flow	Vertical auto swing	Horizontal auto swing	Auto fan speed	Fan speed steps	Dry programme	Titanium apatite photocatalytic air purification filter	Weekly timer
								
24 hour timer	Infrared remote control	Wired remote control	Centralised control	Online controller via app	Auto-restart	Self diagnosis	Multi model application	VRV for residential application

1 Features

1 - 2 FTXG-LW

- Remarkable blend of iconic design and engineering excellence with an elegant finish in matt crystal white
- Daikin Emura has been awarded with Reddot design award 2014 by an international jury, thanks to its excellent design
- Designed to perfectly balance technological leadership and the beauty of aerodynamics
- Seasonal efficiency values up to A+++
- Online controller (optional): control your indoor from any location with an app, via your local network or internet
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!



- | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |
| Econo mode | 2 area intelligent eye | Energy saving during standby mode | Night set mode | Fan only | Comfort mode | Powerful mode | Auto cooling-heating changeover | Whisper quiet |
|  |  |  |  |  |  |  |  |  |
| Indoor unit silent operation | 3-D air flow | Vertical auto swing | Horizontal auto swing | Auto fan speed | Fan speed steps | Dry programme | Titanium apatite photocatalytic air purification filter | Weekly timer |
|  |  |  |  |  |  |  |  |  |
| 24 hour timer | Infrared remote control | Wired remote control | Centralised control | Online controller via app | Auto-restart | Self diagnosis | Multi model application | VRV for residential application |

2 Specifications

2-1 Technical Specifications				FTXG20LS	FTXG25LS	FTXG35LS	FTXG50LS	FTXG20LW	FTXG25LW	FTXG35LW	FTXG50LW	
Power input	Cooling	Nom.	kW	0.023 (1) / 0.023 (2) / 0.023 (3)		0.033 (1) / 0.033 (2) / 0.033 (3)		0.023 (1) / 0.023 (2) / 0.023 (3)		0.033 (1) / 0.033 (2) / 0.033 (3)		
	Heating	Nom.	kW	0.031 (1) / 0.031 (2) / 0.031 (3)	0.033 (1) / 0.033 (2) / 0.033 (3)	0.042 (1) / 0.042 (2) / 0.042 (3)	0.043 (1) / 0.043 (2) / 0.043 (3)	0.031 (1) / 0.031 (2) / 0.031 (3)	0.033 (1) / 0.033 (2) / 0.033 (3)	0.042 (1) / 0.042 (2) / 0.042 (3)	0.043 (1) / 0.043 (2) / 0.043 (3)	
Casing	Colour			Silver				White				
Dimensions	Unit	Height/Width/Depth	mm	303 (3)/998/212								
	Packed unit	Height/Width/Depth	mm	322/1,101/389								
Weight	Unit			kg								
	Packed unit			kg								
Packing	Weight			kg								
Heat exchanger	Length			mm								
	Rows	Quantity										
	Fin pitch			mm								
	Stages	Quantity										
	Tube type			Ø6,35 Hi-XB								
	Fin	Type			Multi slit fin							
Air filter	Type			Removable / washable / mildew proof								
Fan	Type			Cross flow fan								
	Air flow rate	Cooling	High	m ³ /min	8.9		10.9		8.9		10.9	
				cfm	313		385		313		385	
			Nom.	m ³ /min	6.6	7.8	8.9	6.6	7.8	8.9		
				cfm	234	276	313	234	276	313		
			Low	m ³ /min	4.4	4.8	6.8	4.4	4.8	6.8		
				cfm	155	168	239	155	168	239		
		Silent operation	m ³ /min	2.6	2.9	3.6	2.6	2.9	3.6			
			cfm	91	102	128	91	102	128			
		Heating	High	m ³ /min	10.2	11.0	12.4	12.6	10.2	11.0	12.4	12.6
				cfm	361	388	438	446	361	388	438	446
			Nom.	m ³ /min	8.4	8.6	9.6	10.5	8.4	8.6	9.6	10.5
				cfm	298	303	340	372	298	303	340	372
			Low	m ³ /min	6.3	6.9	8.1	6.3	6.9	8.1		
				cfm	223	245	284	223	245	284		
		Silent operation	m ³ /min	3.8	4.1	5.0	3.8	4.1	5.0			
cfm	133		144	176	133	144	176					
Fan motor	Model			KFD-280-40-8G1	KFD-280-40-8G	KFD-280-40-8G1		KFD-280-40-8G	KFD-280-40-8G1			
	Speed	Steps		5 + silent, + auto								
		Cooling	High/ Medium/Low/Silent operation	rpm	1,440/1,140/840/600		1,710/1,300/890/640	1,710/1,440/1,160/740	1,440/1,140/840/600		1,710/1,300/890/640	1,710/1,440/1,160/740
			Heating	High/ Medium/Low/Silent operation	rpm	1,620/1,380/1,100/760	1,720/1,400/1,100/760	1,910/1,540/1,180/800	1,940/1,660/1,330/920	1,620/1,380/1,100/760	1,720/1,400/1,100/760	1,910/1,540/1,180/800
Output	Rated			W								
Sound power level	Cooling			dBA		54	59	60	54	59	60	
	Heating			dBA		56	59	60	56	59	60	
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/19		45/34/26/20	46/40/35/25	38/32/25/19		45/34/26/20	46/40/35/32	
	Heating	High/Nom./Low/Silent operation	dBA	40/34/28/19	41/34/28/19	45/37/29/20	47/41/35/25	40/34/28/19	41/34/28/19	45/37/29/20	47/41/35/32	
Control systems	Infrared remote control			ARC466A1								

2 Specifications

2-1 Technical Specifications			FTXG20LS	FTXG25LS	FTXG35LS	FTXG50LS	FTXG20LW	FTXG25LW	FTXG35LW	FTXG50LW	
Refrigerant	Type	R-410A									
Piping connections	Liquid	OD	6.35								
	Gas	OD	9.5			12.7		9.5		12.7	
	Drain	18									
	Heat insulation	Both liquid and gas pipes									
Temperature control	Microcomputer control										
Air direction control	Right, Left, Horizontal, Downward										

- Standard Accessories : Installation manual; Quantity : 1;
- Standard Accessories : Operation manual; Quantity : 1;
- Standard Accessories : Infrared remote control; Quantity : 1;
- Standard Accessories : Batteries; Quantity : 2;
- Standard Accessories : Remote control holder; Quantity : 1;
- Standard Accessories : Mounting plate; Quantity : 1;
- Standard Accessories : Indoor unit fixing screws; Quantity : 2;
- Standard Accessories : Titanium apatite photocatalytic air purification filter; Quantity : 2;
- Standard Accessories : Screw cover; Quantity : 2;

2-2 Electrical Specifications				FTXG20LS	FTXG25LS	FTXG35LS	FTXG50LS	FTXG20LW	FTXG25LW	FTXG35LW	FTXG50LW
Power supply	Name	V1									
	Phase	1~									
	Frequency	Hz	50								
	Voltage	V	220-240								
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.12 (1) / 0.12 (2) / 0.12 (3)		0.16 (1) / 0.16 (2) / 0.16 (3)		0.12 (1) / 0.12 (2) / 0.12 (3)		0.16 (1) / 0.16 (2) / 0.16 (3)	
		Heating	A	0.15 (1) / 0.15 (2) / 0.15 (3)		0.16 (1) / 0.16 (2) / 0.16 (3)		0.21 (1) / 0.21 (2) / 0.21 (3)		0.15 (1) / 0.15 (2) / 0.15 (3)	
Wiring connections - 50Hz	For power supply	Remark	3 for power supply, 4 for interunit wiring (Earth wire included)								

Notes

- (1) 220V
- (2) 230V
- (3) 240V

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

When connected with multi-system outdoor unit, refer to the specifications of the multi outdoor unit to be connected.

3 Options

3 - 1 Options

3

FTXG-LW/LS

Indoor Units - Control systems

		FTXG-LW/LS
Wired remote control		BRC344 (3) BRC073 (3)
Cord for wired remote control	3m	BRCW901A03
	8m	BRCW901A08
Wiring adapter normal open contact / normal open pulse contact		KRP413A1S (1)
Centralised control board	Up to 5 rooms	KRC72 (2)
Anti-theft protection for remote control		KFP910A4
Interface adapter for DII-net		KRP928A2S
Online controller		BRP069A41
Modbus gateway		RTD-RA
KNX gateway		KJC-DD

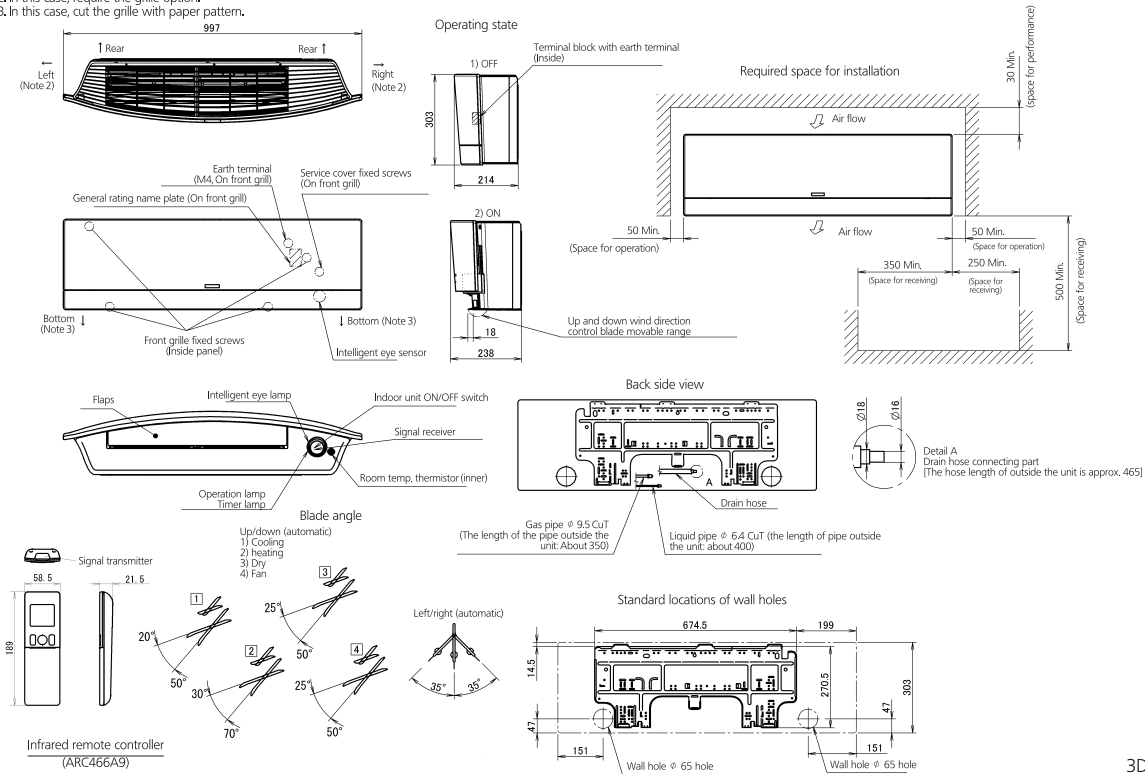
- (1) Wiring adapter supplied by Daikin. Time clock and other devices: to be purchased locally.
 (2) Wiring adapter is also required for each indoor unit.
 (3) Cord for wired remote control BRCW901A03 or BRCW901A08 required.

4 Dimensional drawings

4 - 1 Dimensional Drawings

FTXG20-35LW/S

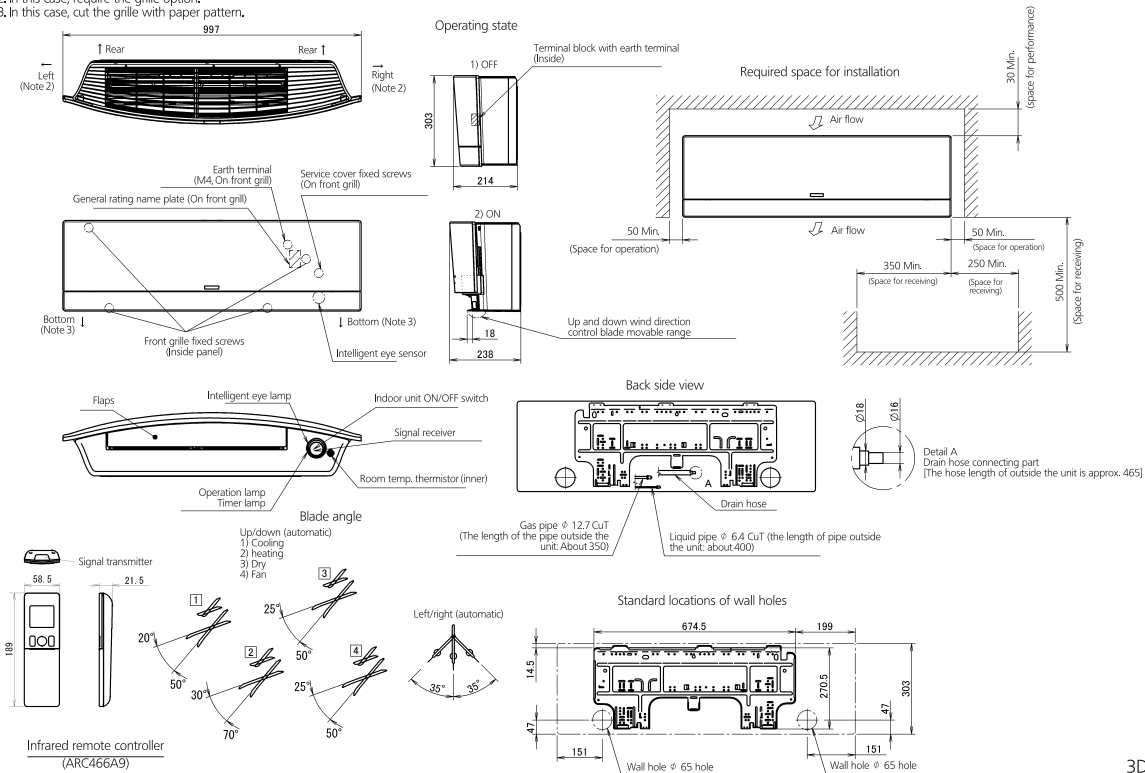
- Note)
 1. The mark (→) shows piping direction.
 2. In this case, require the grille option.
 3. In this case, cut the grille with paper pattern.



3D085835

FTXG50LW/S

- Note)
 1. The mark (→) shows piping direction.
 2. In this case, require the grille option.
 3. In this case, cut the grille with paper pattern.

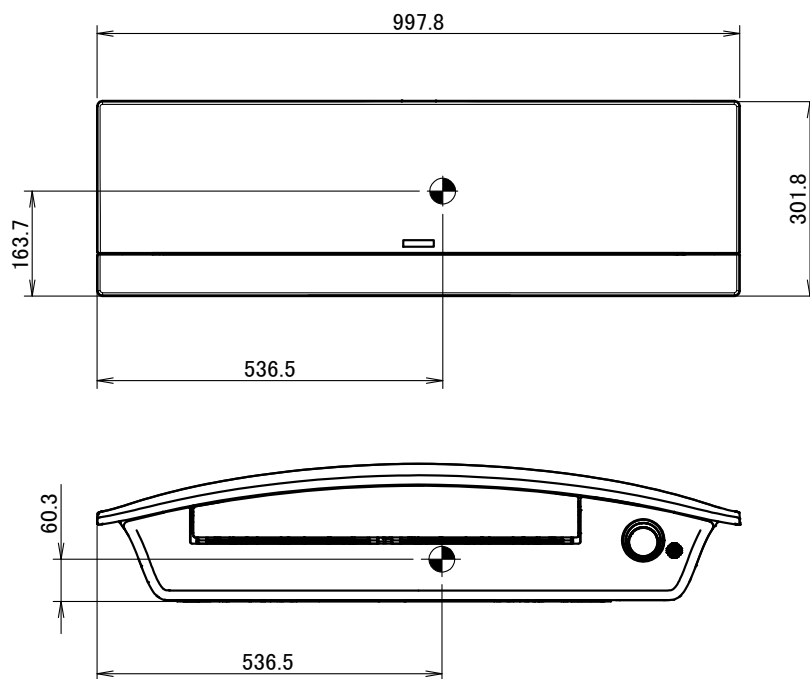


3D085836

5 Centre of gravity

5 - 1 Centre of Gravity

FTXG-LW/S

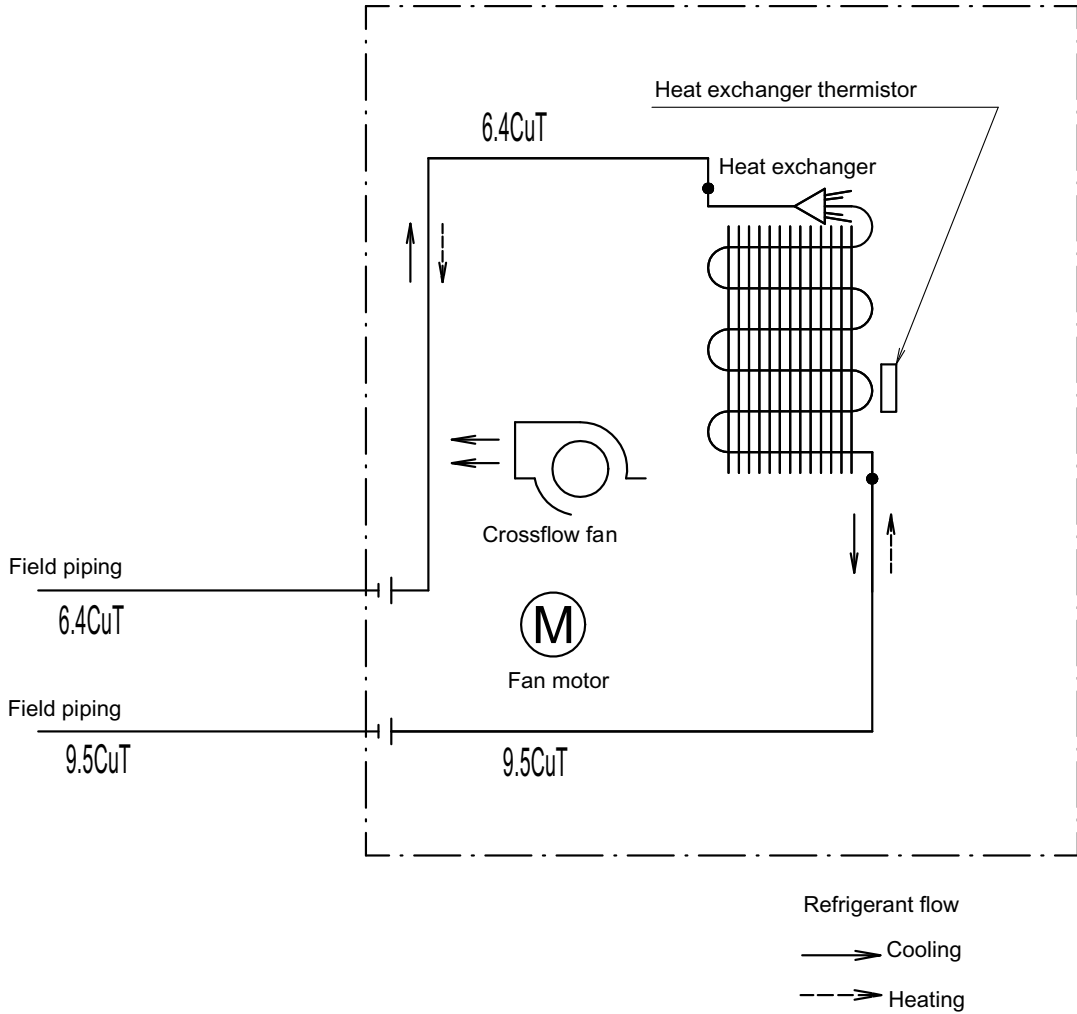


4D086660B

6 Piping diagrams

6 - 1 Piping Diagrams

FTXG20-35LW/S

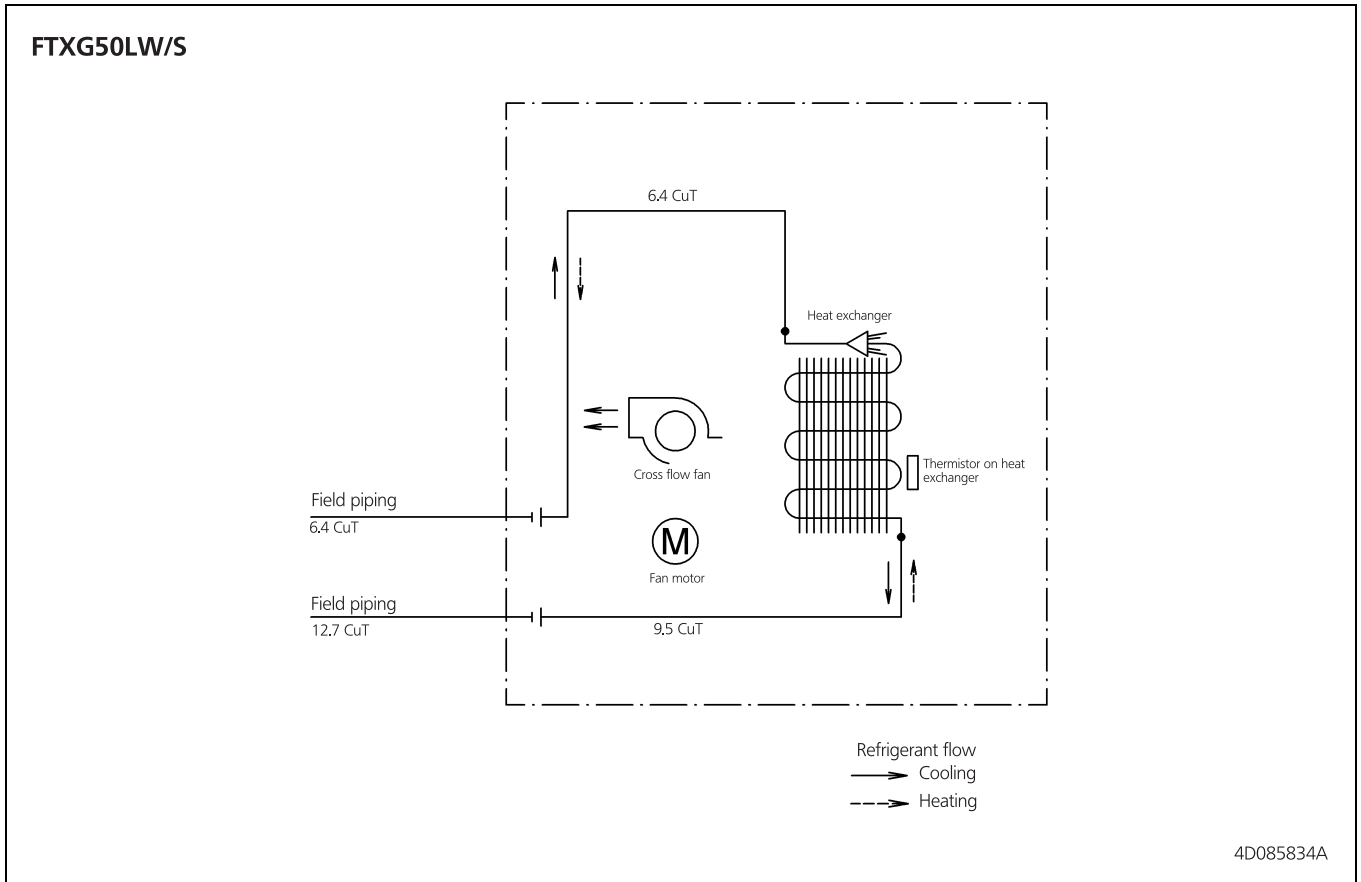


4D085645B

6 Piping diagrams

6 - 1 Piping Diagrams

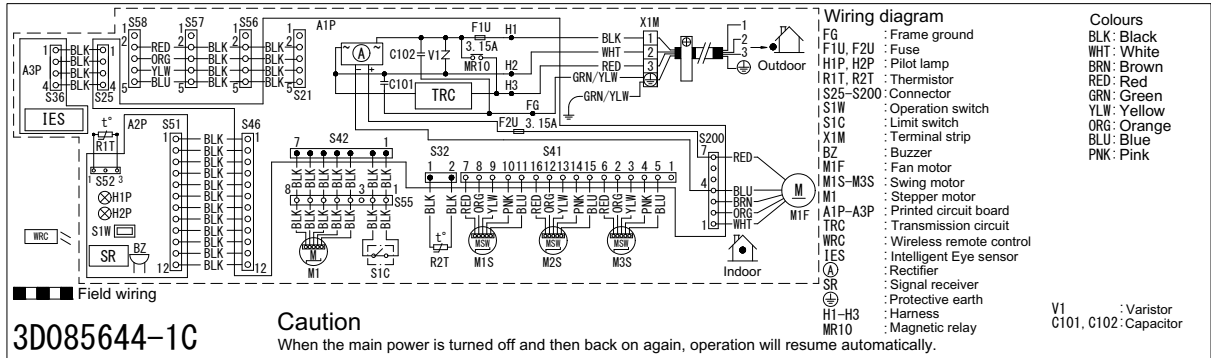
6



7 Wiring diagrams

7 - 1 Wiring Diagrams - Single Phase

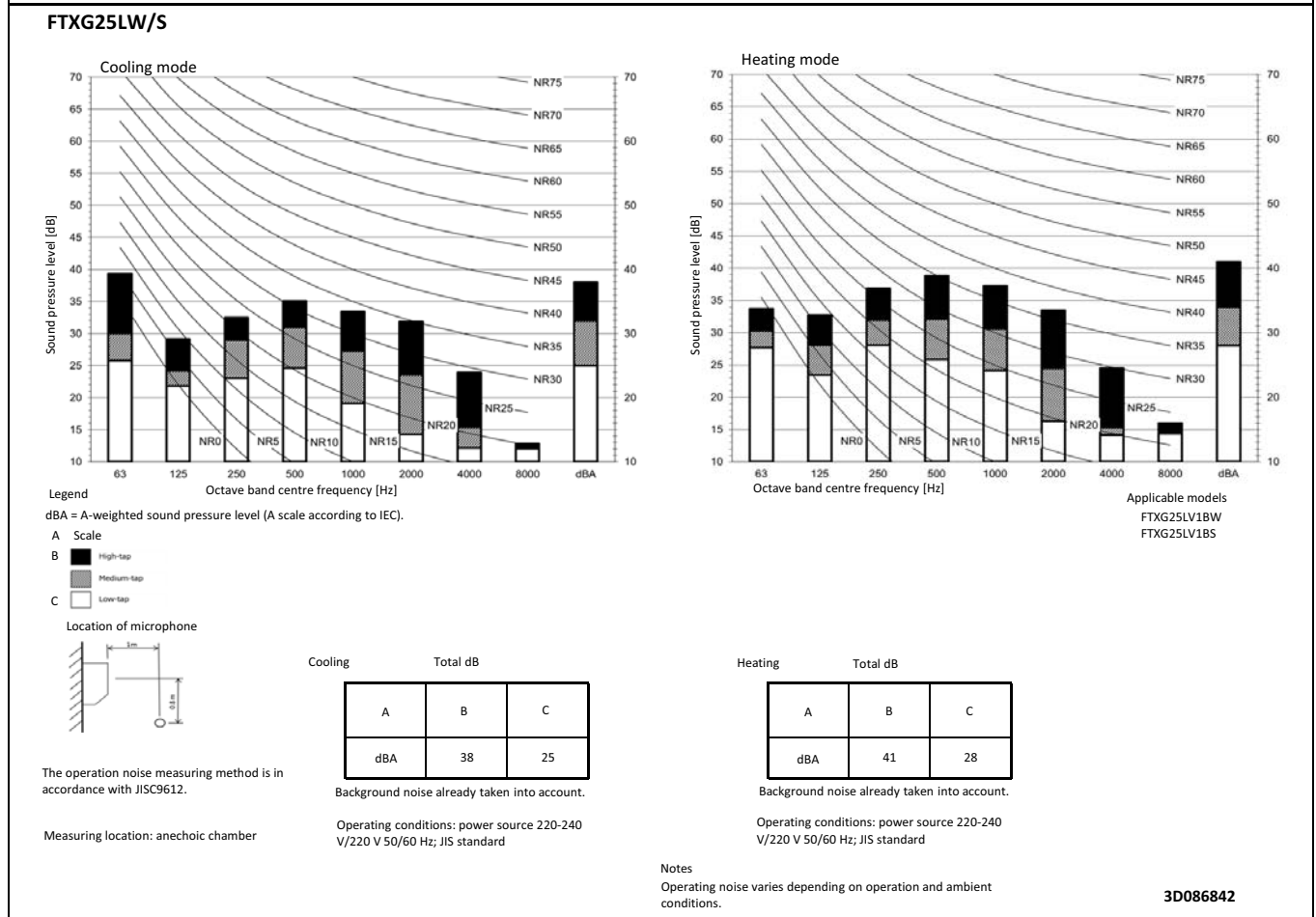
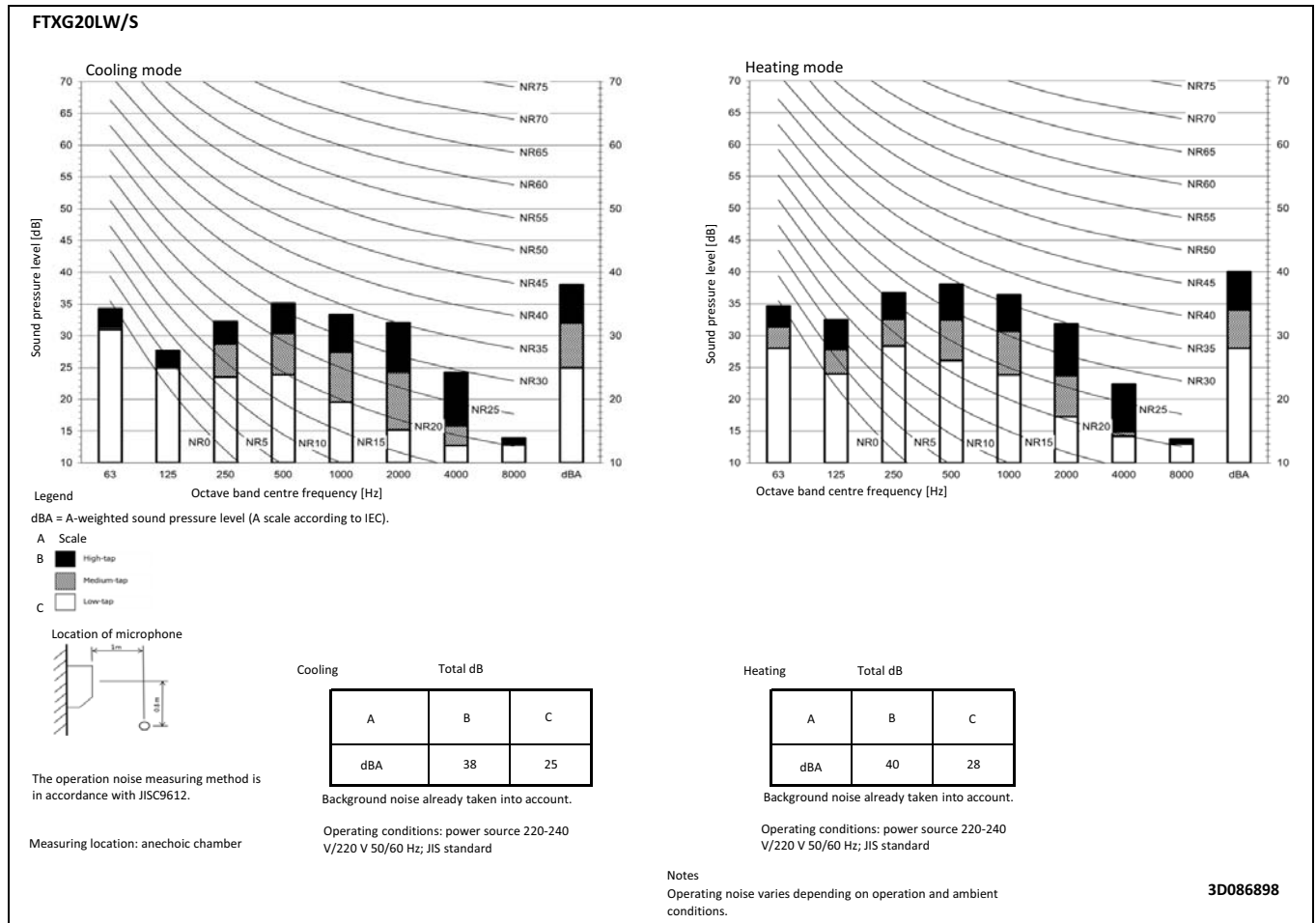
FTXG-LW/S



8 Sound data

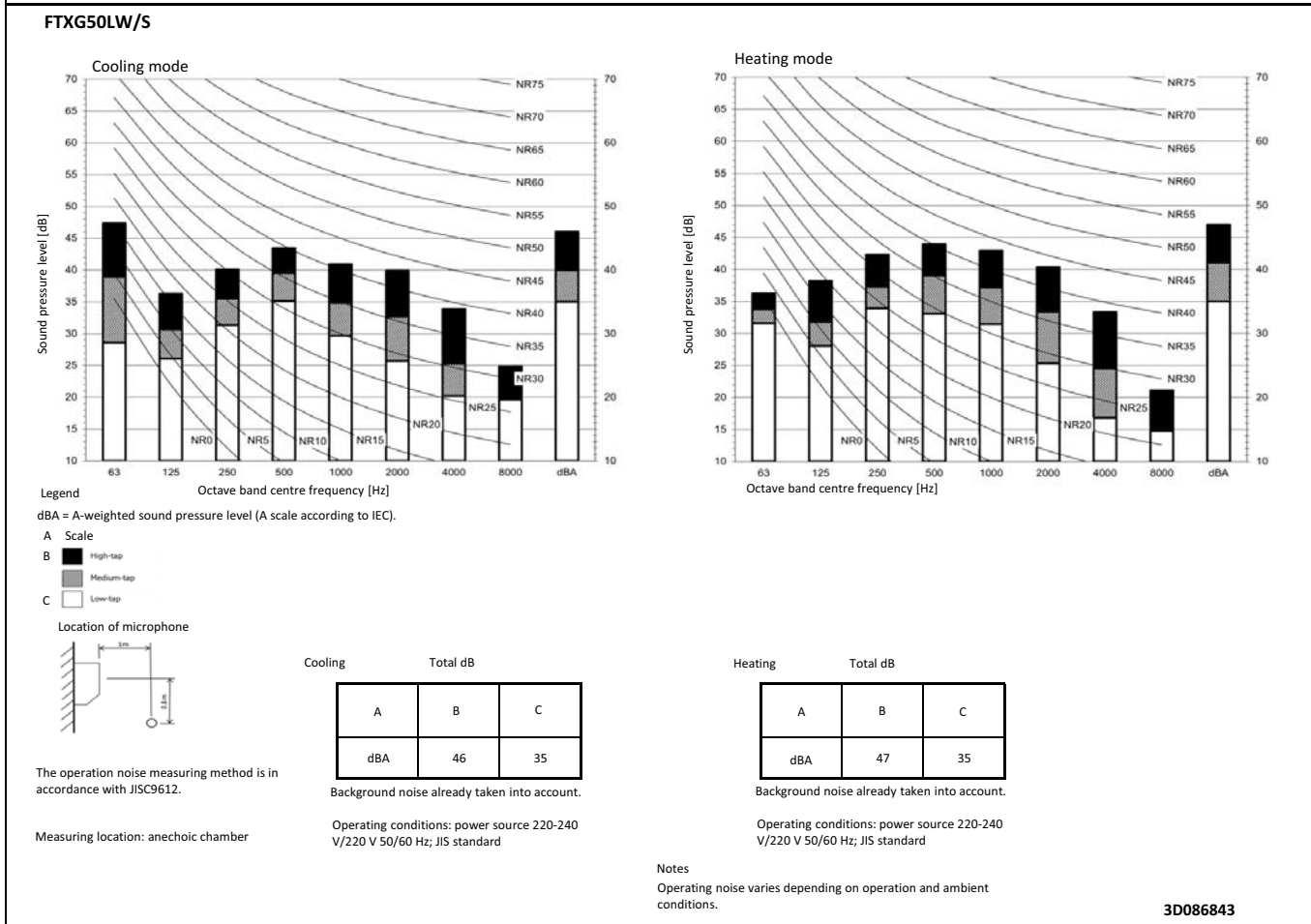
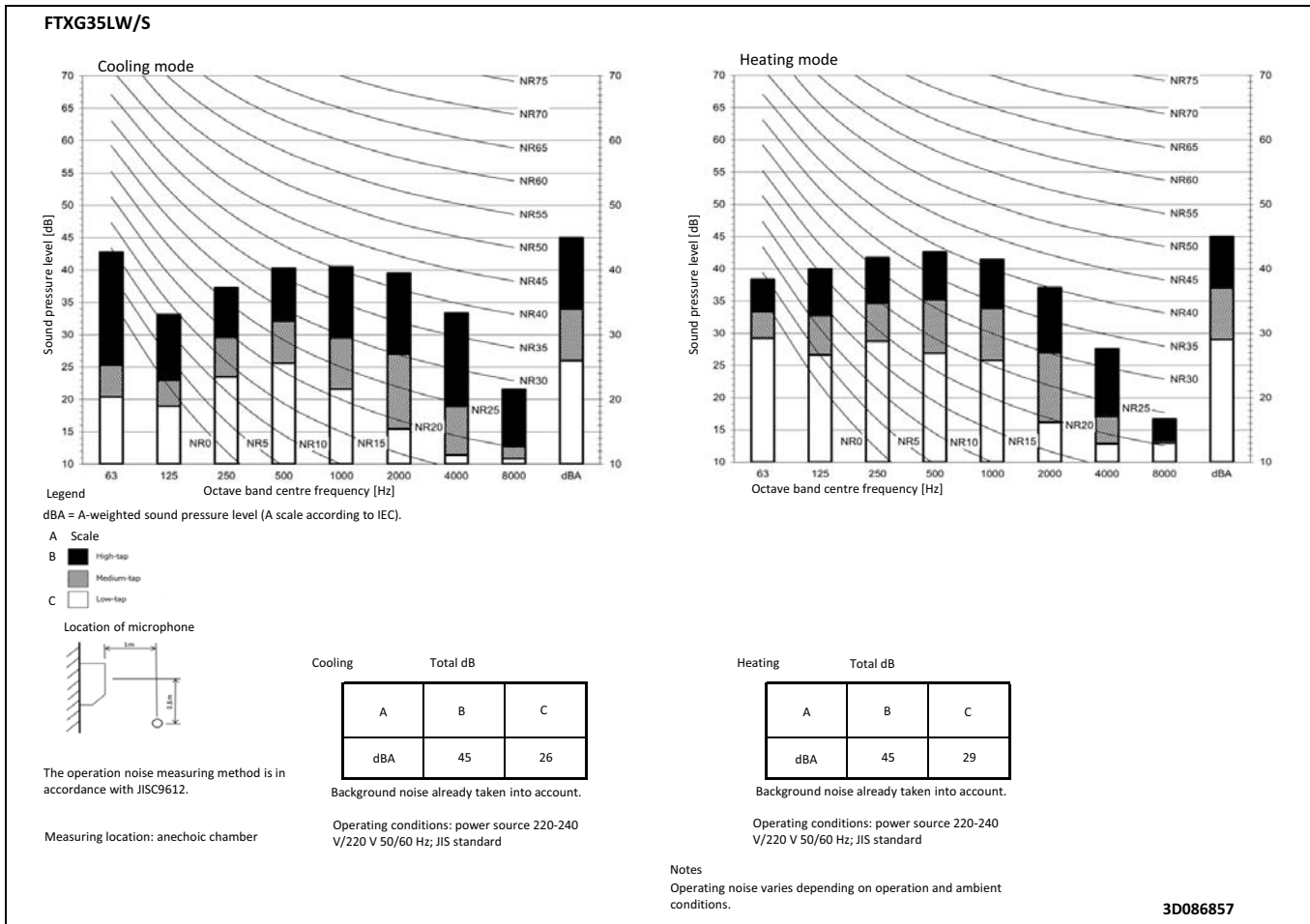
8 - 1 Sound Pressure Spectrum

8



8 Sound data

8 - 1 Sound Pressure Spectrum





Daikin Europe N.V. participates in the Eurovent Certification programme for Liquid Chilling Packages (LCP), Air handling units (AHU), Fan coil units (FCU) and variable refrigerant flow systems (VRF) Check ongoing 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: