



Air Conditioning Technical Data

Wall mounted unit



EEDEN14-100

FTXG-LW/S

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FTXG-LW/S




























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1 Features

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



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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	Super Multi Plus

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2 Specifications

2-1 Technical Specifications				FTXG20LW	FTXG20LS	FTXG25LW	FTXG25LS	FTXG35LW	FTXG35LS	FTXG50LW	FTXG50LS	
Power input	Cooling	Nom.	kW	0.023 (3) / 0.023 (4) / 0.023 (5)				0.033 (3) / 0.033 (4) / 0.033 (5)				
	Heating	Nom.	kW	0.031 (3) / 0.031 (4) / 0.031 (5)		0.033 (3) / 0.033 (4) / 0.033 (5)		0.042 (3) / 0.042 (4) / 0.042 (5)		0.043 (3) / 0.043 (4) / 0.043 (5)		
Casing	Colour			White	Silver	White	Silver	White	Silver	White	Silver	
Dimensions	Unit	Height/Width/Depth	mm	303/998/212								
	Packed unit	Height/Width/Depth	mm	322/1,101/389								
Weight	Unit		kg	12								
	Packed unit		kg	16								
Packing	Weight		kg	4								
Heat exchanger	Length		mm	610								
	Rows	Quantity		2								
	Fin pitch		mm	1.2								
	Stages	Quantity		18								
	Tube type			Ø6,35 HI-XB								
	Fin	Type		Multi slit fin								
	Fan	Type			Cross flow fan							
Air flow rate		Cooling	High	m³/min	8.9				10.9			
				cfm	313				385			
			Nom.	m³/min	6.6				7.8		8.9	
				cfm	234				276		313	
			Low	m³/min	4.4				4.8		6.8	
		cfm		155				168		239		
		Silent operation	m³/min	2.6				2.9		3.6		
			cfm	91				102		128		
		Heating	High	m³/min	10.2		11.0		12.4		12.6	
				cfm	361		388		438		446	
Nom.			m³/min	8.4		8.6		9.6		10.5		
			cfm	298		303		340		372		
Low			m³/min	6.3				6.9		8.1		
			cfm	223				245		284		
Silent operation		m³/min	3.8				4.1		5.0			
	cfm	133				144		176				
Fan motor	Model			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	
	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	
Output		Rated		W			29					
Sound power level	Cooling	/	dBA	54				59		60		
	Heating	/	dBA	56				59		60		
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/19				45/34/26/20		46/40/35/32		
	Heating	Super high/High/Nom./Low/Silent operation	dBA	-I40/34/28/19		-I41/34/28/19		-I45/37/29/20		-I47/41/35/32		
Refrigerant	Type			R-410A								

2 Specifications

2-1 Technical Specifications			FTXG20LW	FTXG20LS	FTXG25LW	FTXG25LS	FTXG35LW	FTXG35LS	FTXG50LW	FTXG50LS	
Piping connections	Liquid	OD	6.35								
	Gas	OD	9.5						12.7		
	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 : Remote control holder; Quantity : 1;

Standard Accessories : Mounting plate; Quantity : 1;

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

Standard Accessories : Screw cover; Quantity : 2;

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

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Operation manual; Quantity : 1;

Standard Accessories : Infrared remote control; Quantity : 1;

Standard Accessories : Batteries; Quantity : 2;

2-2 Electrical Specifications				FTXG20LW	FTXG20LS	FTXG25LW	FTXG25LS	FTXG35LW	FTXG35LS	FTXG50LW	FTXG50LS
Power supply	Name			V1							
	Phase			1~							
	Frequency	Hz		50							
	Voltage		V	220-240							
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.12 (3) / 0.12 (4) / 0.12 (5)				0.16 (3) / 0.16 (4) / 0.16 (5)			
		Heating	A	0.15 (3) / 0.15 (4) / 0.15 (5)		0.16 (3) / 0.16 (4) / 0.16 (5)		0.21 (3) / 0.21 (4) / 0.21 (5)			
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) When connected with multi-system outdoor unit, refer to the specifications of the multi outdoor unit to be connected.

(3) 220V

(4) 230V

(5) 240V

3 Options

3 - 1 Options

FTXG-LW/S

Indoor Units - Control systems

		FTXG20LW/S	FTXG25LW/S	FTXG35LW/S	FTXG50LW/S
Wired remote control				BRC944 (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				KKF910A4	
Central remote controller				DCS302C51	
Unified ON/OFF control				DCS301B51	
Schedule timer				DST301B51	
Interface adapter for DII-net				KRP928A2S	
Online controller				BRP069A41	
KNX gateway				KLIC-DD	

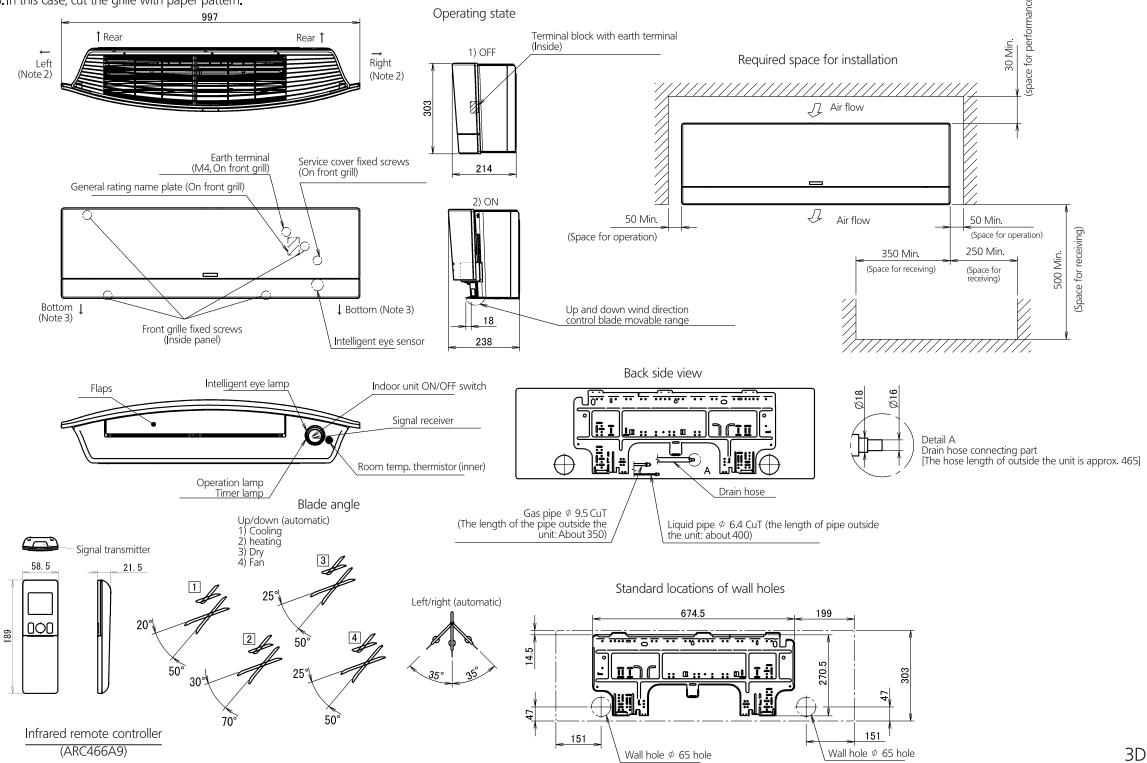
- (1) Wiring adapter supplied by Daikin. Time clock and other devices: to be purchased locally.
- (2) Wiring adapter is also required for each indoor unit.
- (3) Cord for wired remote control BRCW901A03 or BRCW901A08 required.

4 Dimensional drawings

4 - 1 Dimensional Drawings

FTXG20-35LW/S

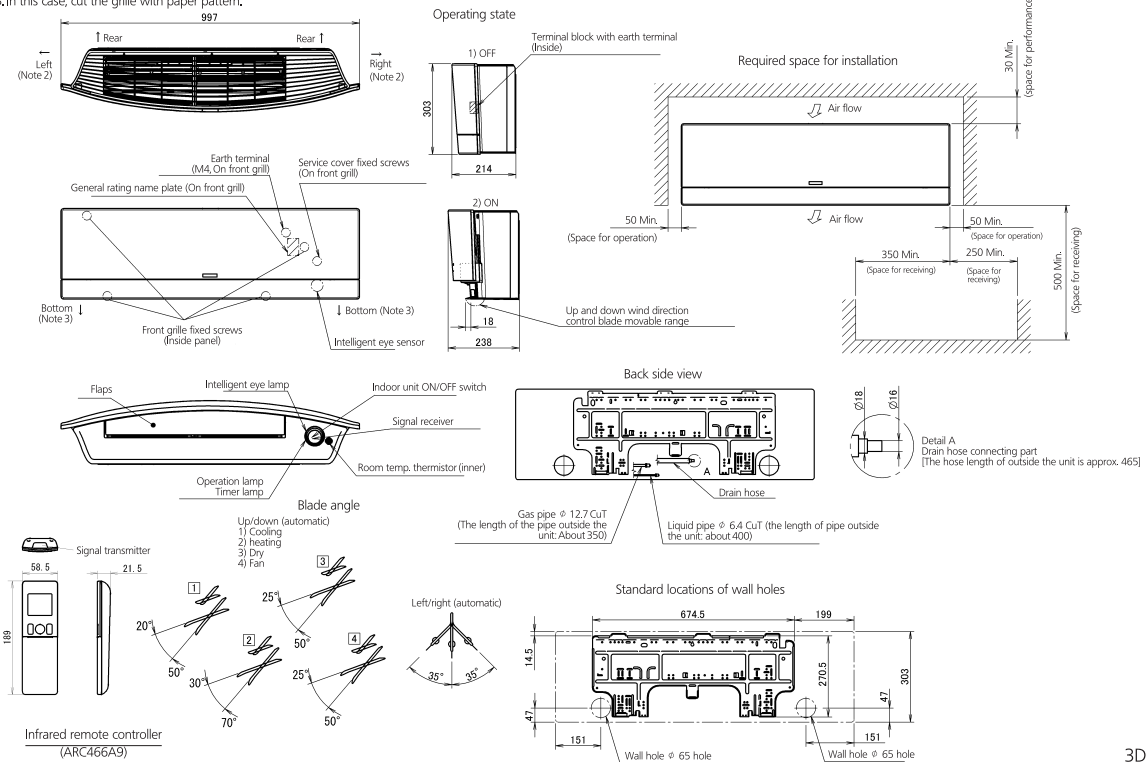
- Note)
1. The mark (→) shows piping direction.
 2. In this case, require the grille option.
 3. In this case, cut the grille with paper pattern.



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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.

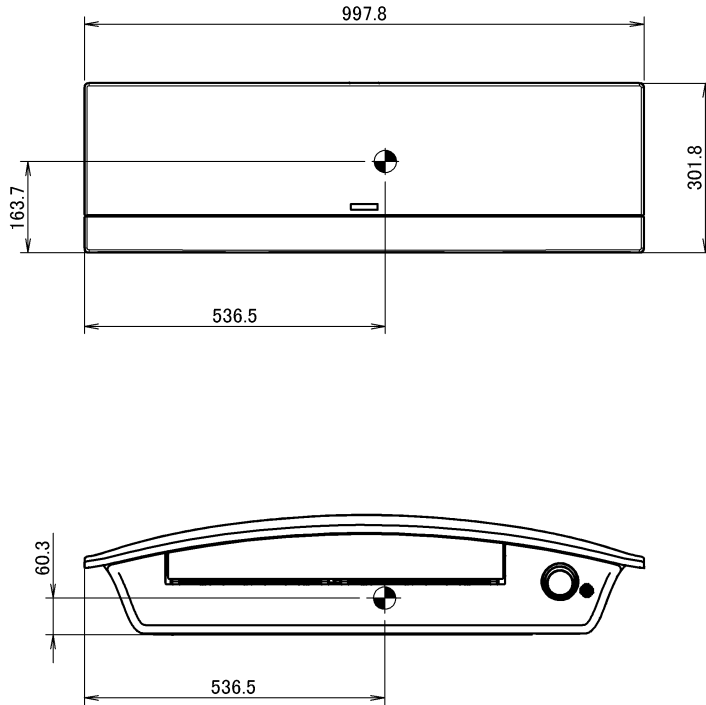


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5 Centre of gravity

5 - 1 Centre of Gravity

FTXG-LW/S



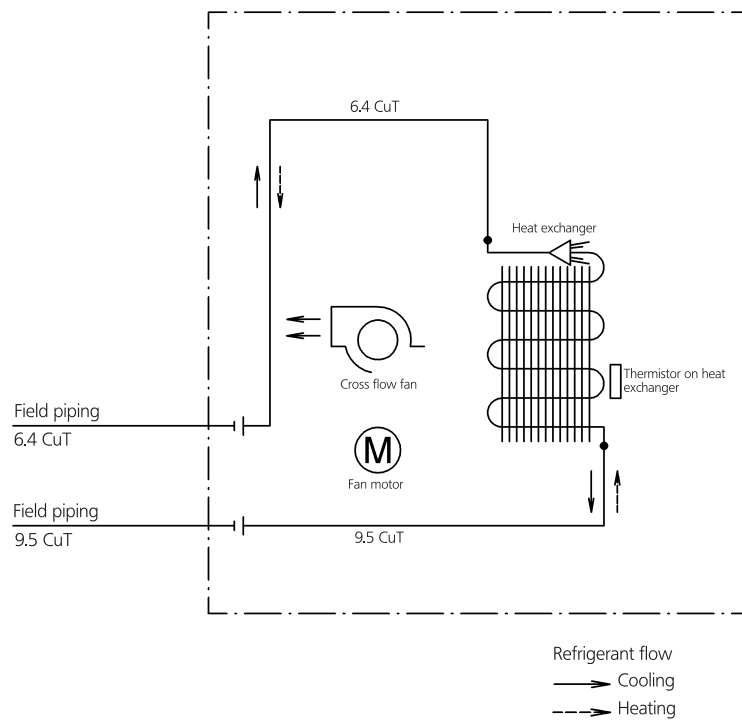
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6 Piping diagrams

6 - 1 Piping Diagrams

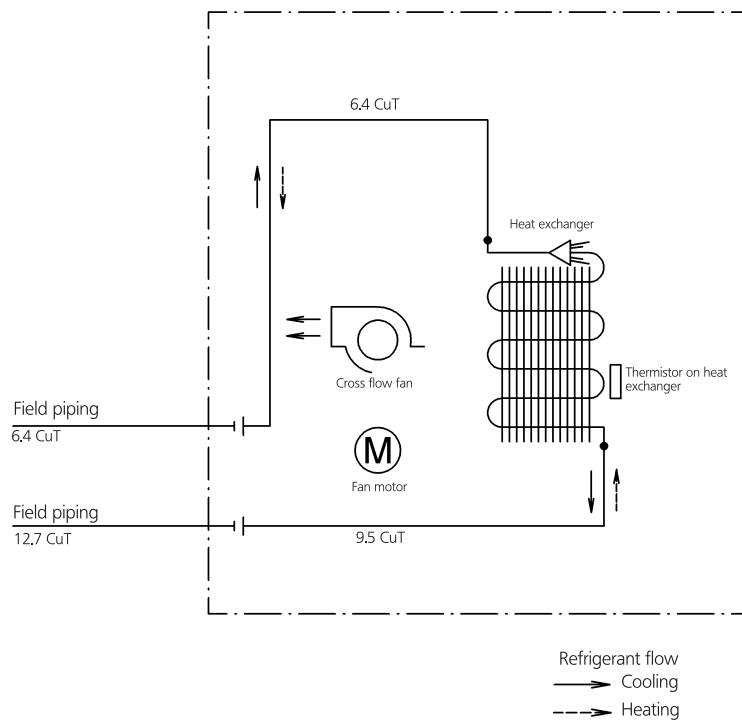
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FTXG20-35LW/S



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FTXG50LW/S

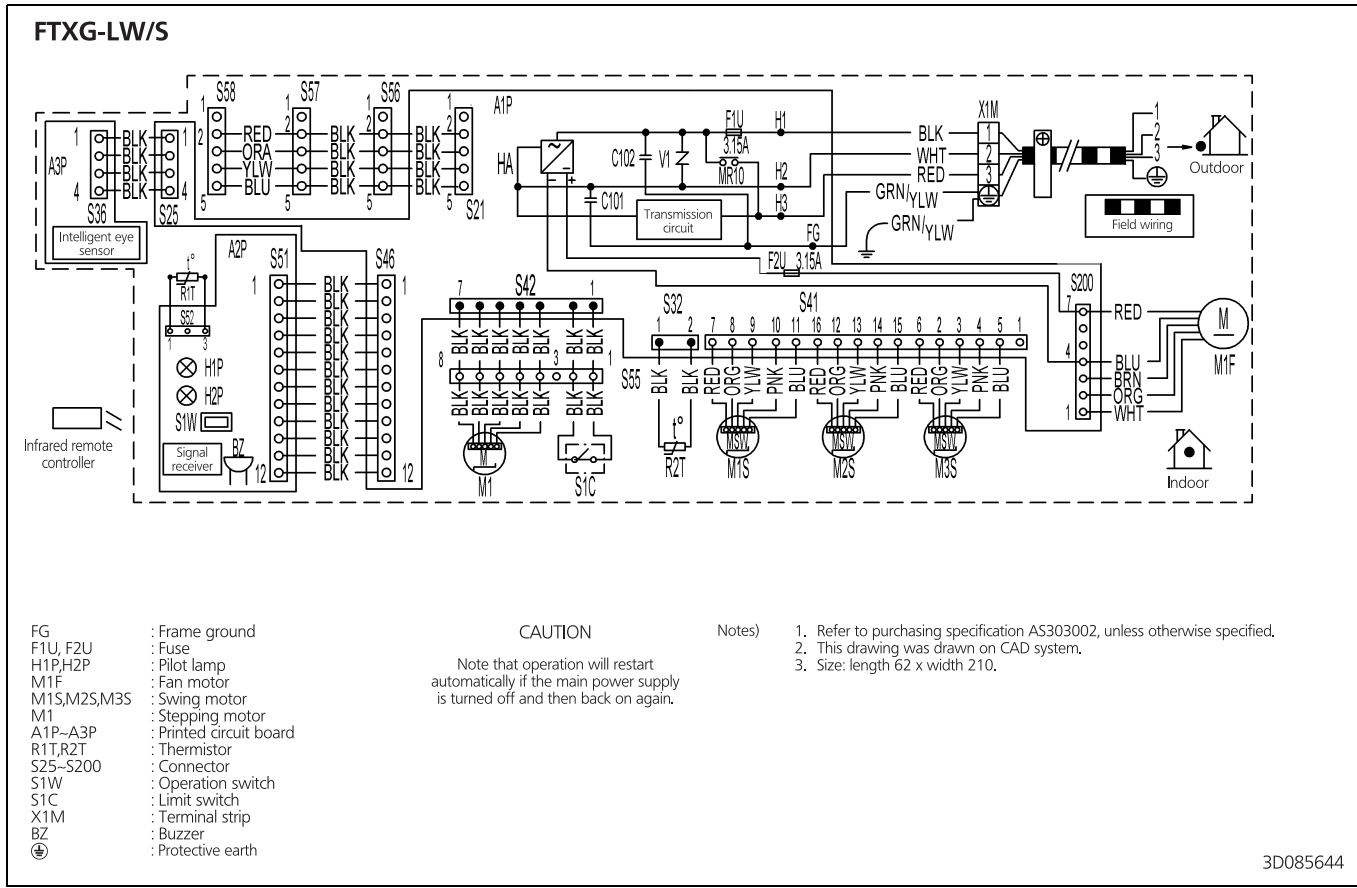


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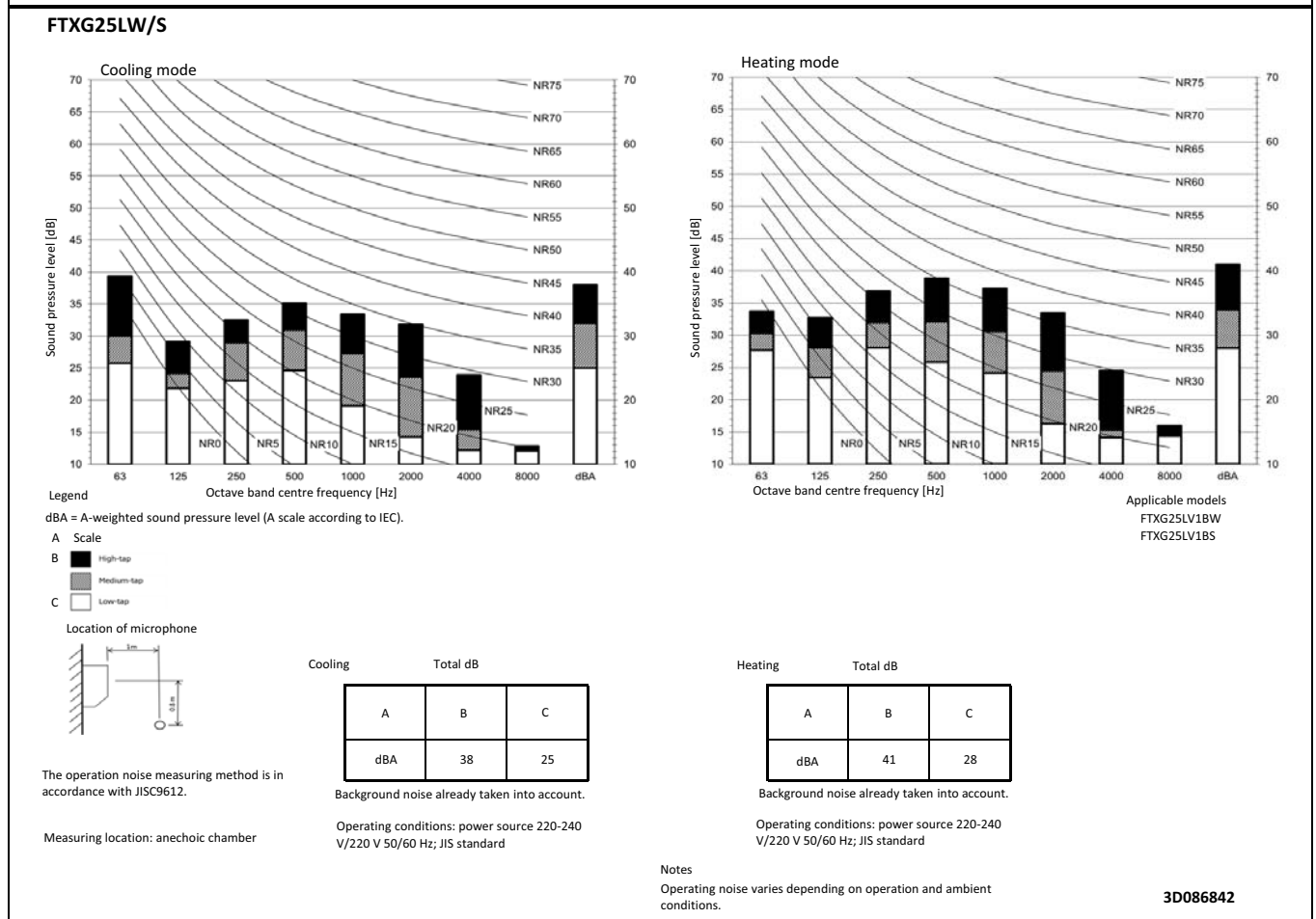
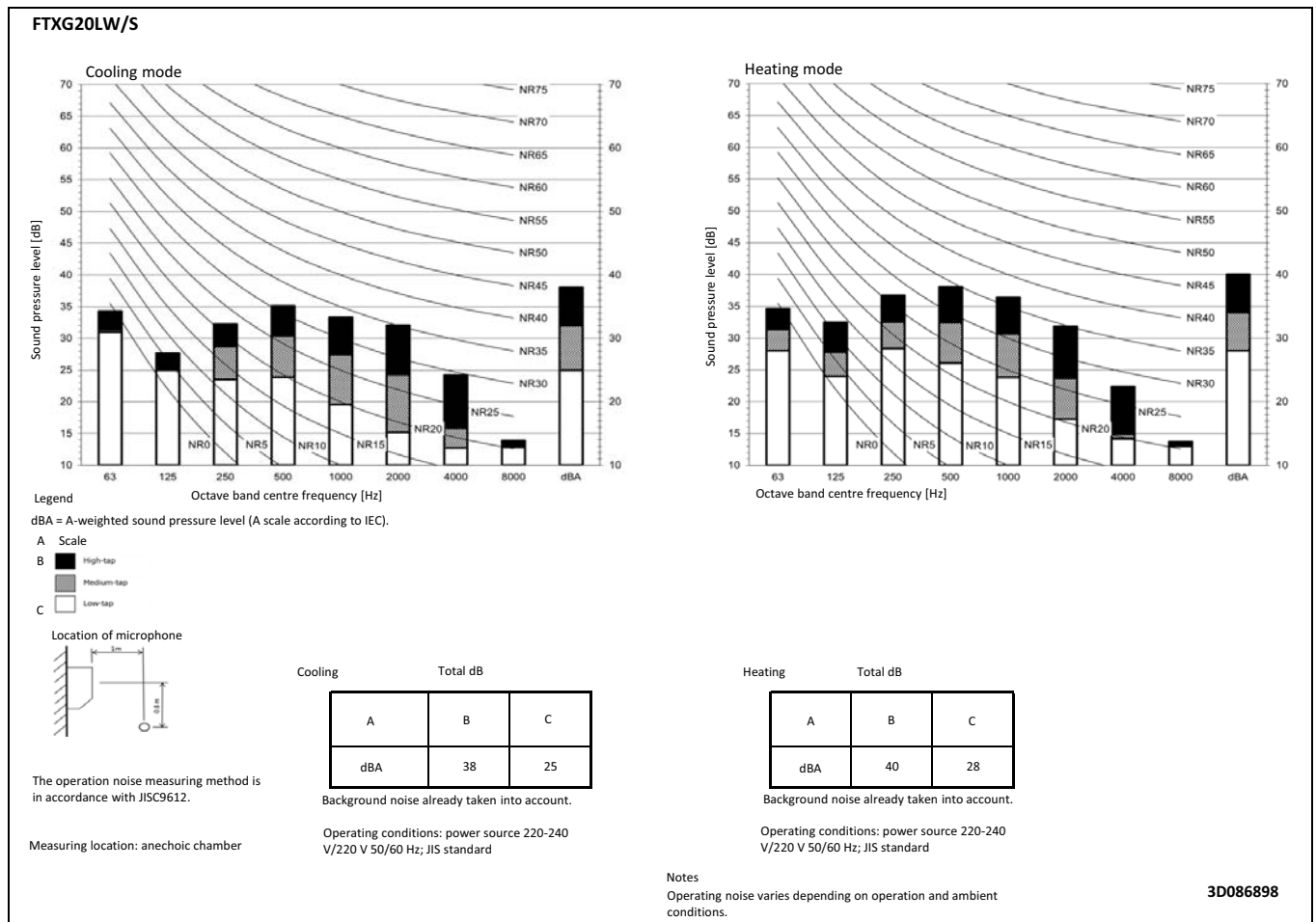
7 Wiring diagrams

7 - 1 Wiring Diagrams - Single Phase



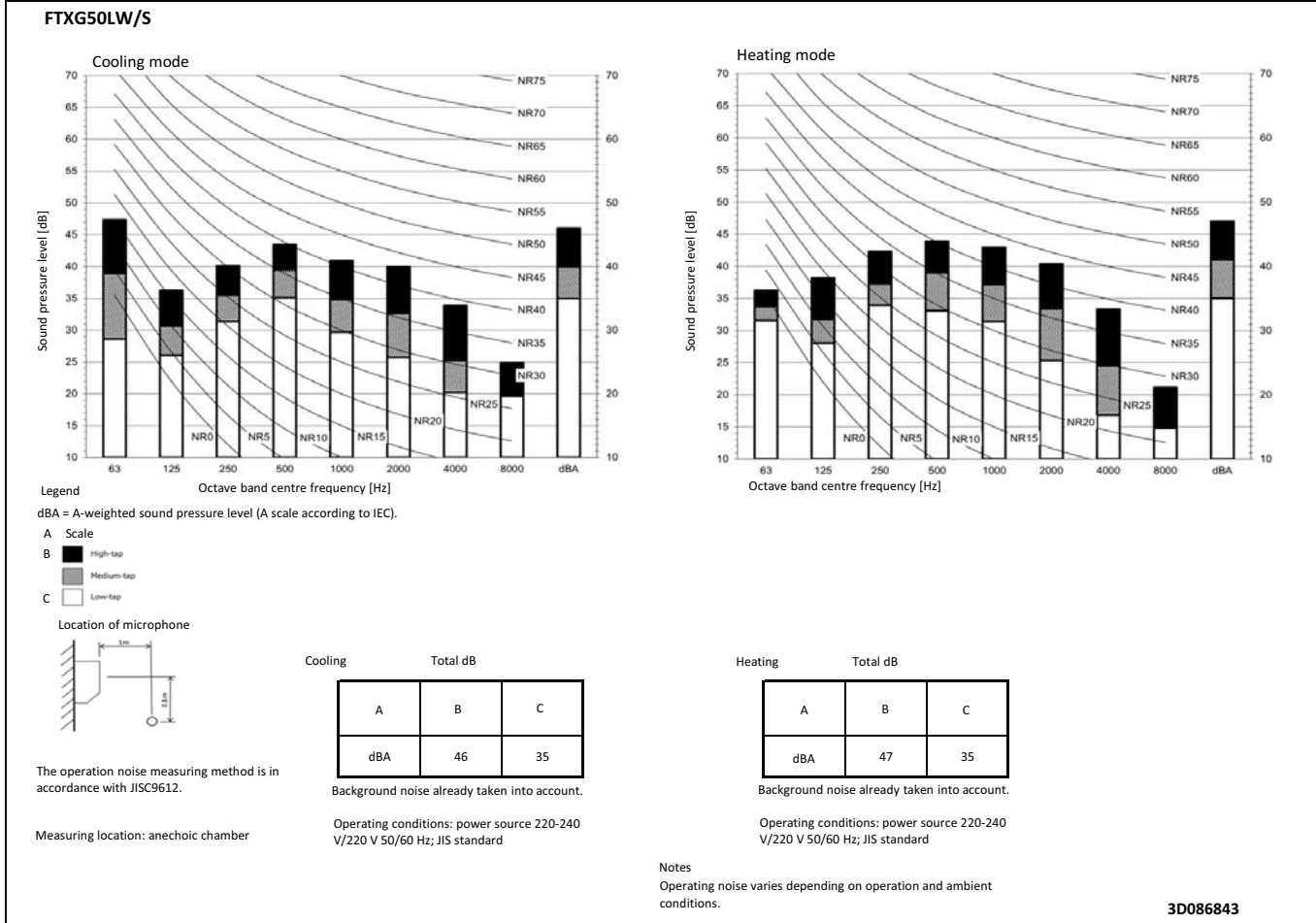
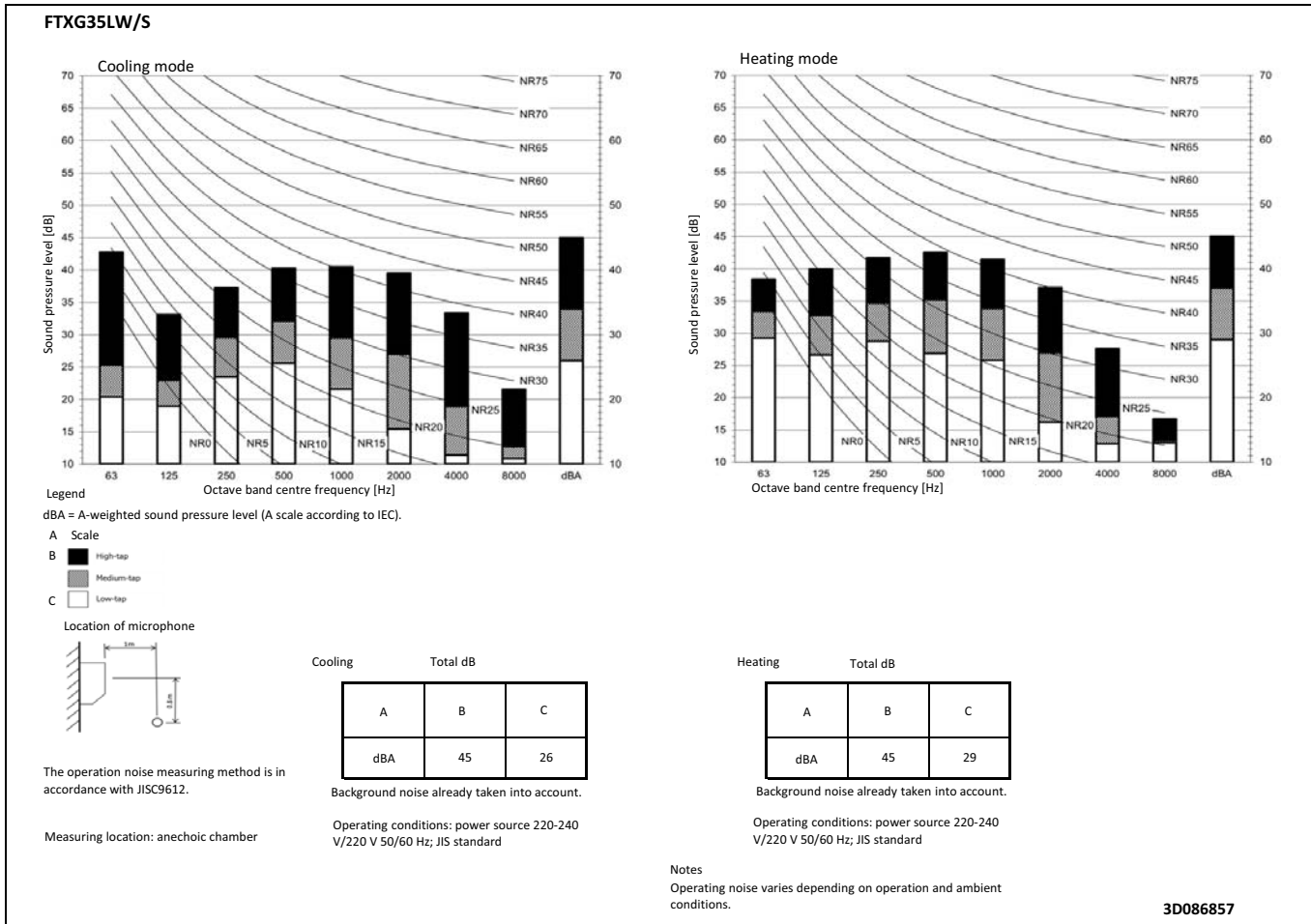
8 Sound data

8 - 1 Sound Pressure Spectrum



8 Sound data

8 - 1 Sound Pressure Spectrum





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