



Air Conditioning

Technical Data

Wall mounted unit



EEEDEN14-100

FTXG-LW/S

TABLE OF CONTENTS

FTXG-LW/S

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

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



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

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		1,940/1,660/1,330/920			
	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	-/40/34/28/19		-/41/34/28/19		-/45/37/29/20		-/47/41/35/32		
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			KXF910A4		
Central remote controller			DCS302CS1		
Unified ON/OFF control			DCS301B51		
Schedule timer			DST301B51		
Interface adapter for DIM-net			KRP928A2S		
Online controller			BRP069A41		
KNX gateway			KJUC-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

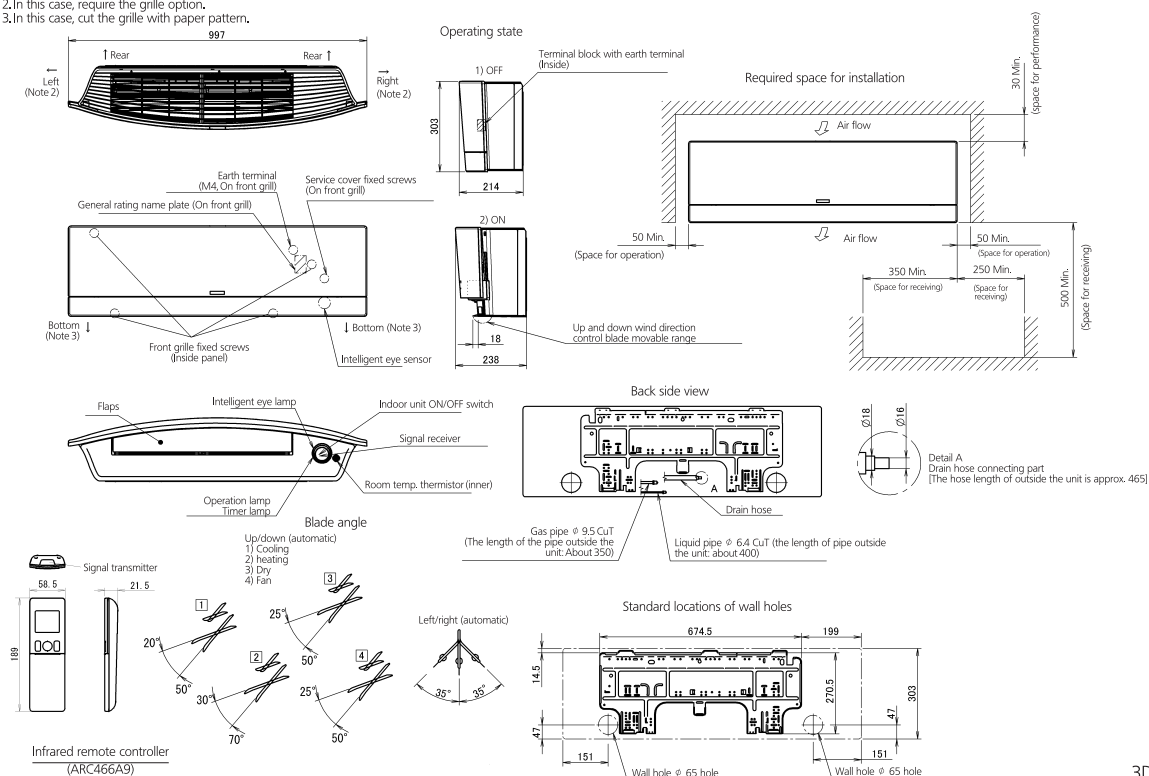
4 - 1 Dimensional Drawings

4

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.

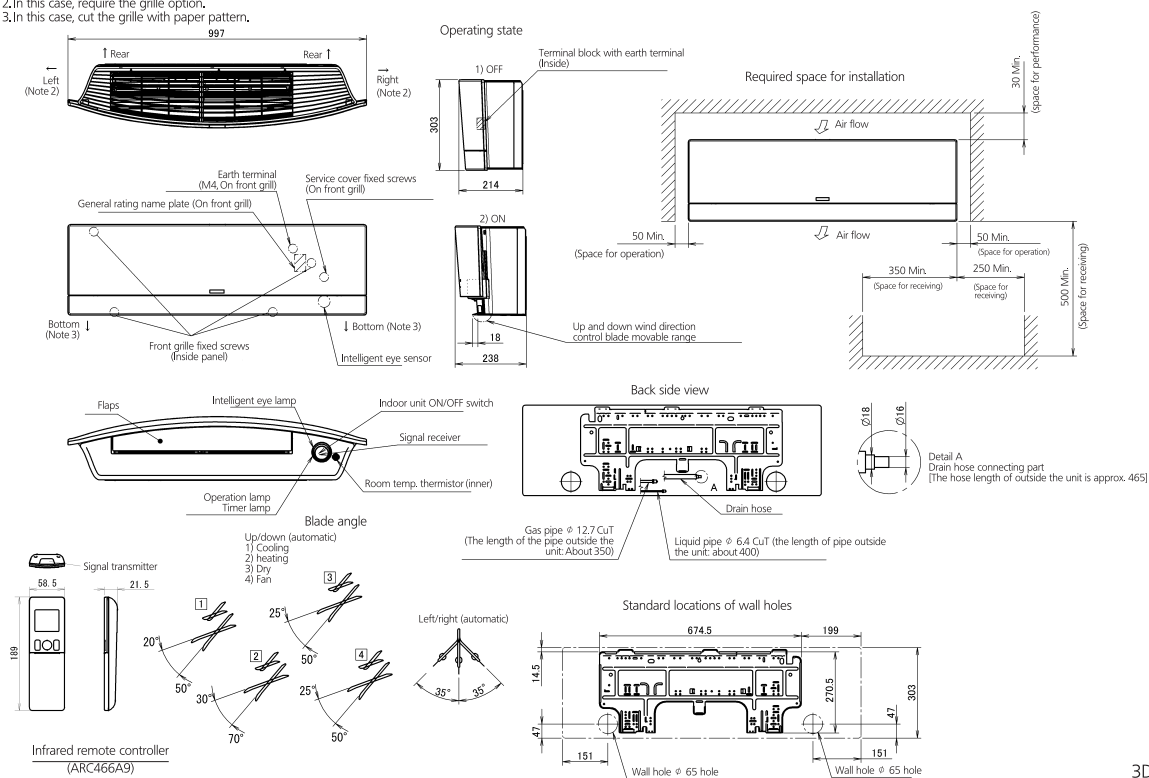


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FTXG50LW/S

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.



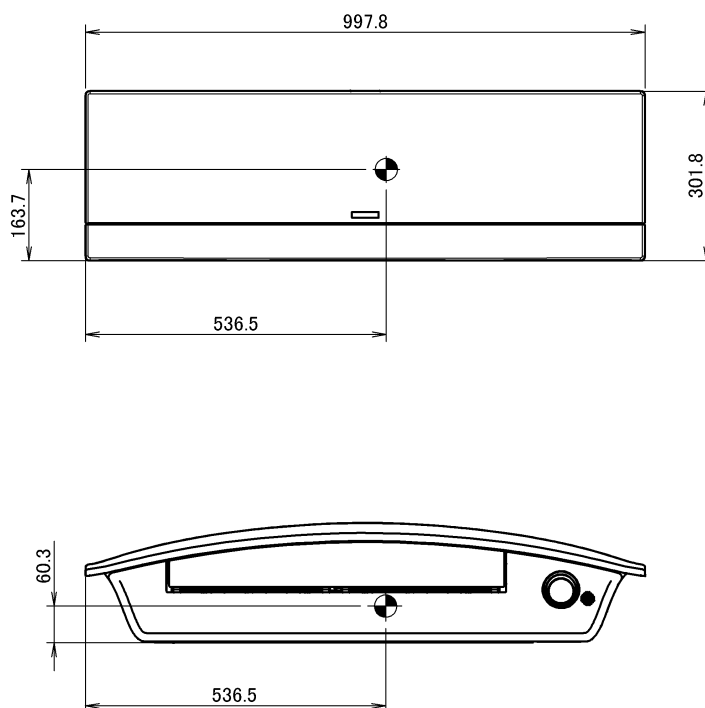
3D085836

6

5 Centre of gravity

5 - 1 Centre of Gravity

FTXG-LW/S



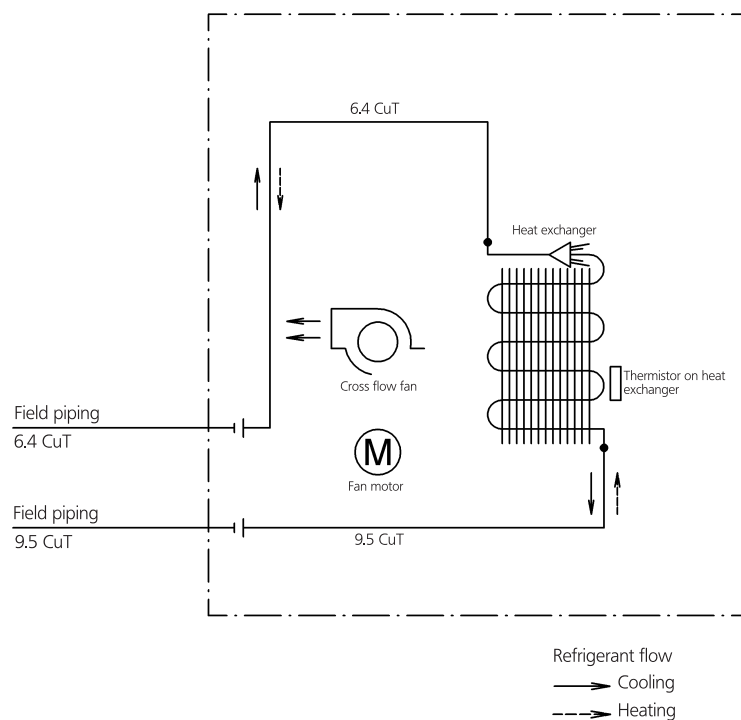
4D086660

6 Piping diagrams

6 - 1 Piping Diagrams

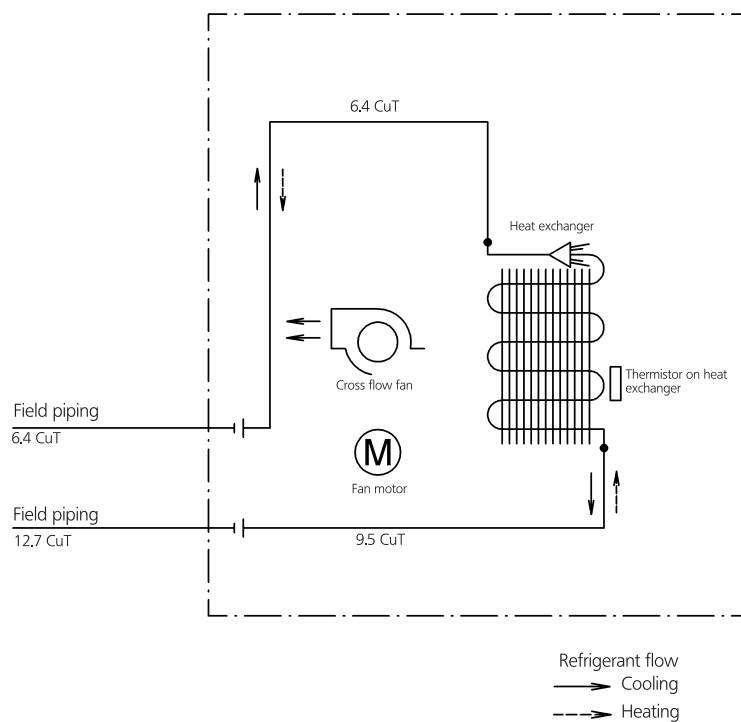
6

FTXG20-35LW/S



4D085645

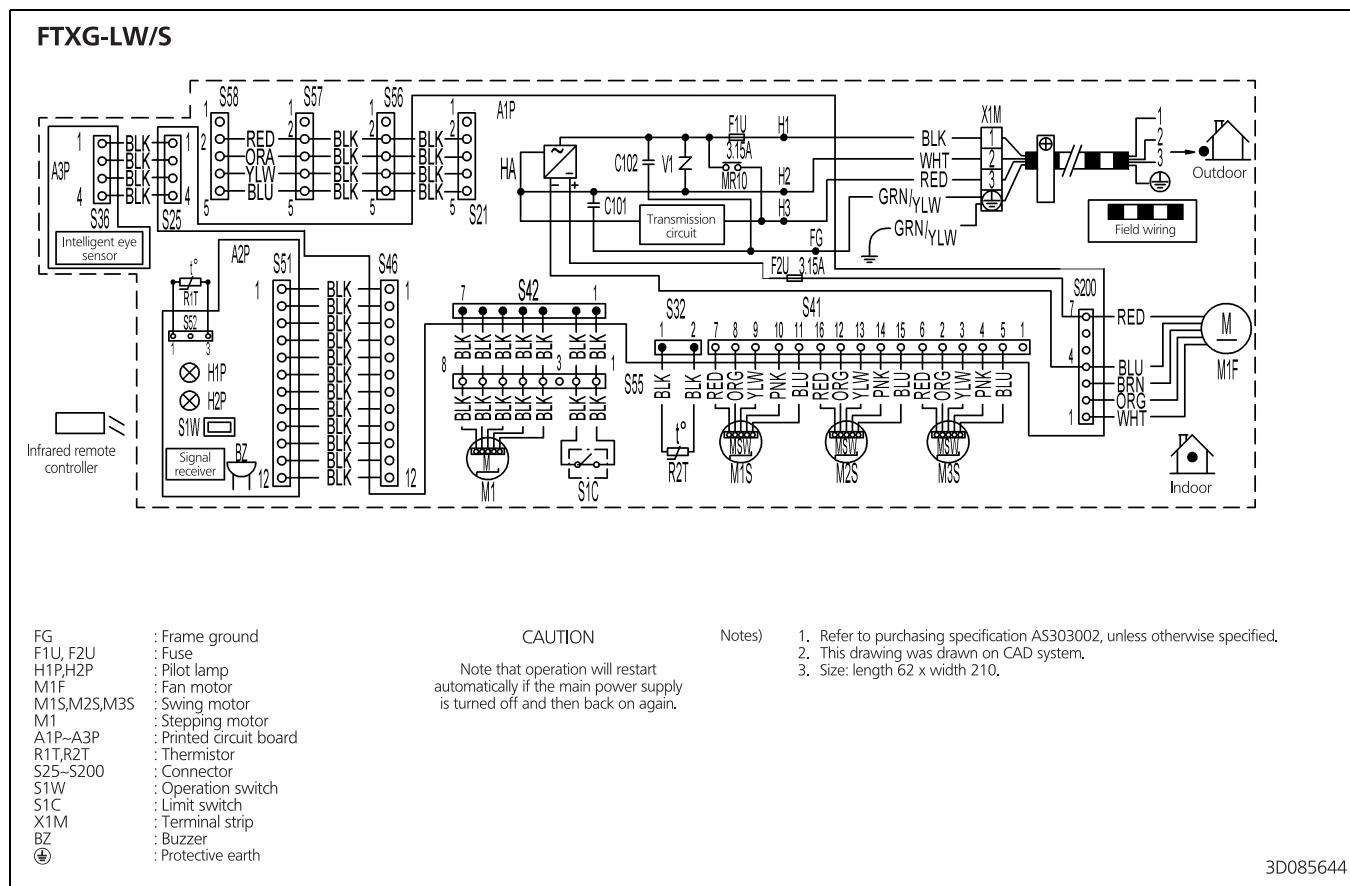
FTXG50LW/S



4D085834

7 Wiring diagrams

7 - 1 Wiring Diagrams - Single Phase

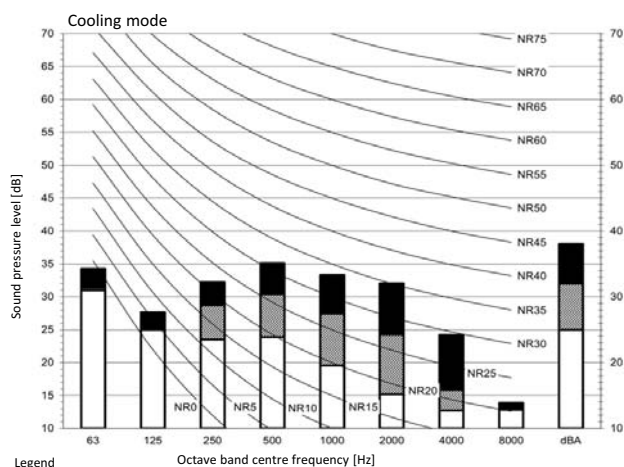


8 Sound data

8 - 1 Sound Pressure Spectrum

8

FTXG20LW/S



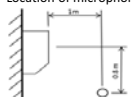
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap
C Medium-tap
D Low-tap

Location of microphone



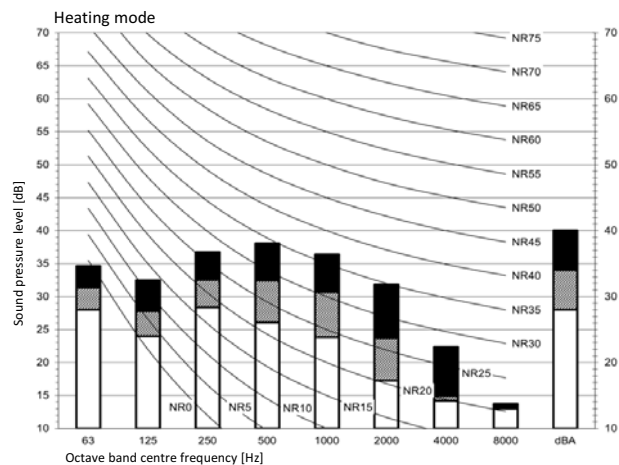
The operation noise measuring method is in accordance with JISC9612.

Measuring location: anechoic chamber

Cooling Total dB		
A	B	C
dBA	38	25

Background noise already taken into account.

Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard



Heating Total dB		
A	B	C
dBA	40	28

Background noise already taken into account.

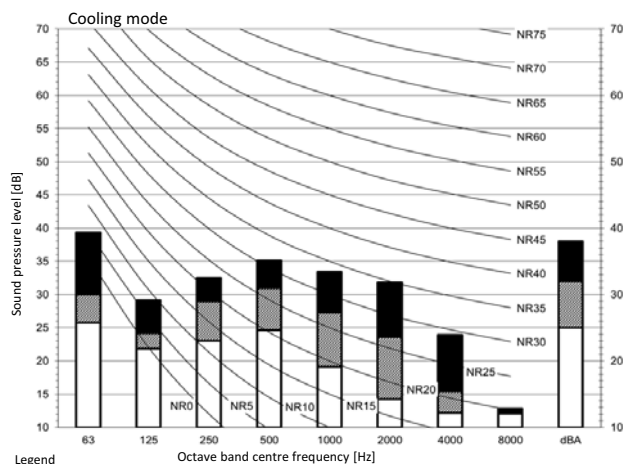
Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

Notes

Operating noise varies depending on operation and ambient conditions.

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FTXG25LW/S



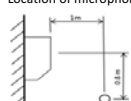
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap
C Medium-tap
D Low-tap

Location of microphone



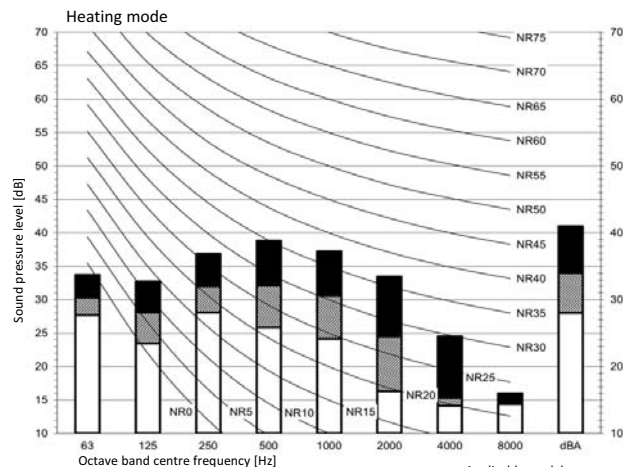
The operation noise measuring method is in accordance with JISC9612.

Measuring location: anechoic chamber

Cooling Total dB		
A	B	C
dBA	38	25

Background noise already taken into account.

Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard



Applicable models
FTXG25LV1BW
FTXG25LV1BS

Heating Total dB		
A	B	C
dBA	41	28

Background noise already taken into account.

Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

Notes

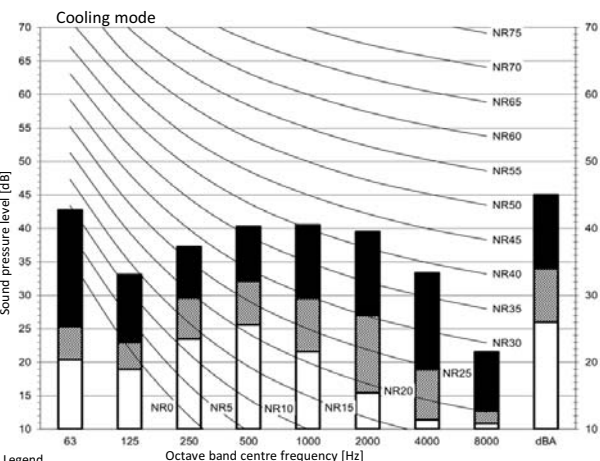
Operating noise varies depending on operation and ambient conditions.

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8 Sound data

8 - 1 Sound Pressure Spectrum

FTXG35LW/S



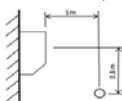
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap
C Medium-tap
D Low-tap

Location of microphone



The operation noise measuring method is in accordance with JISC9612.

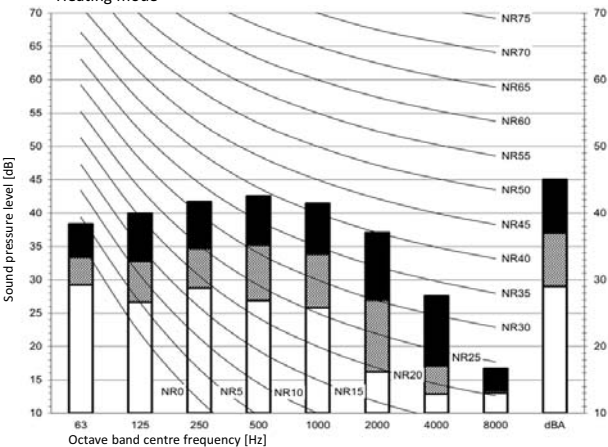
Measuring location: anechoic chamber

Cooling Total dB		
A	B	C
dBA	45	26

Background noise already taken into account.

Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

Heating mode



Heating Total dB		
A	B	C
dBA	45	29

Background noise already taken into account.

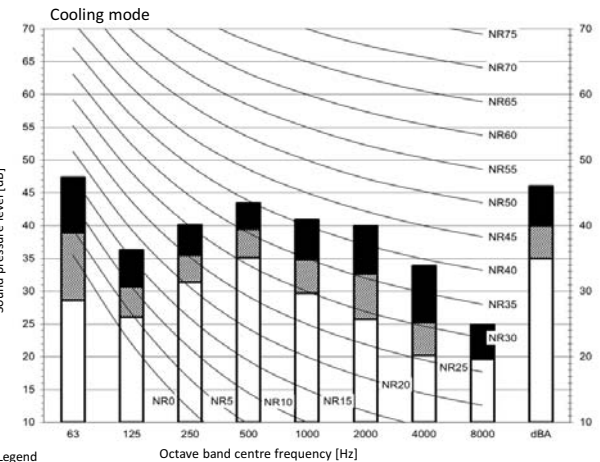
Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

Notes

Operating noise varies depending on operation and ambient conditions.

3D086857

FTXG50LW/S



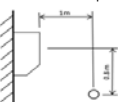
Legend

dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap
C Medium-tap
D Low-tap

Location of microphone



The operation noise measuring method is in accordance with JISC9612.

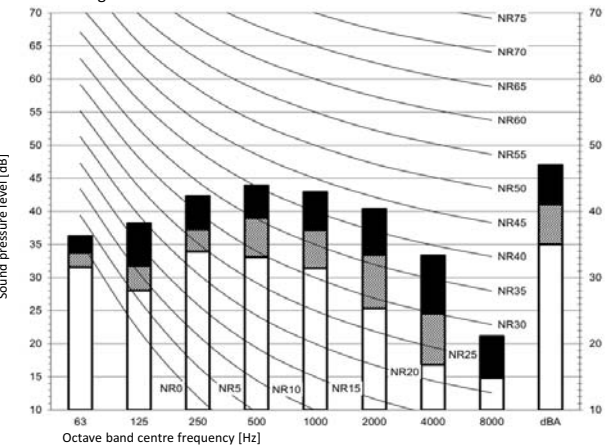
Measuring location: anechoic chamber

Cooling Total dB		
A	B	C
dBA	46	35

Background noise already taken into account.

Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

Heating mode



Heating Total dB		
A	B	C
dBA	47	35

Background noise already taken into account.

Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

Notes

Operating noise varies depending on operation and ambient conditions.

3D086843



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