



Air Conditioning Technical Data

Wall mounted unit



EEEN16

FTXJ-MS, FTXJ-MW

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FTXJ-MS, FTXJ-MW

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1 Features

1 - 1 FTXJ-MS, FTXJ-MW

- Seasonal efficiency values up to A+++ in cooling and heating thanks to its up-to-date technology and built-in intelligence.
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Remarkable blend of iconic design and engineering excellence with an elegant finish in silver and anthracite or in matt crystal white
- Daikin Emura has been awarded many times, thanks to its excellent design
- Silver allergen removal and air purifying filter: captures allergens such as pollen and dust mites. The filter suppresses pollen and mites for 99% or more.
- Online controller (optional): control your indoor from any location with an app, via your local network or internet and keep an overview on your energy consumption
- Whisper quiet in operation: the operating of the unit can hardly be heard. The sound pressure level goes down to 19dBA!



Practically inaudible



Silver allergen removal and air purifying filter



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



Outdoor 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

2 Specifications

2-1 Technical Specifications					FTXJ20MS	FTXJ25MS	FTXJ35MS	FTXJ50MS	FTXJ20MW	FTXJ25MW	FTXJ35MW	FTXJ50MW
Power input - 50Hz	Cooling	Nom.	kW		0.023		0.033		0.023		0.033	
	Heating	Nom.	kW		0.031	0.033	0.042	0.043	0.031	0.033	0.042	0.043
Casing	Colour				Silver				White			
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							
	Air filter	Type				Removable / washable / mildew proof						
Fan	Type				Cross flow fan							
	Air flow rate	Cooling	High	m³/min	8.9		10.9		8.9		10.9	
				cfm	313		385		313		385	
			Nom.	m³/min	6.6		7.8	8.9	6.6		7.8	8.9
				cfm	234		276	313	234		276	313
			Low	m³/min	4.4		4.8	6.8	4.4		4.8	6.8
				cfm	155		168	239	155		168	239
		Silent operation	m³/min	2.6		2.9	3.6	2.6		2.9	3.6	
			cfm	91		102	128	91		102	128	
		Heating	High	m³/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.	m³/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	m³/min	6.3		6.9	8.1	6.3		6.9	8.1
				cfm	223		245	284	223		245	284
		Silent operation	m³/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							
	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	1,940/1,660/1,330/920	
Output	Rated		W	29								
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	46/40/35/32	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	47/41/35/32	40/34/28/19	41/34/28/19	45/37/29/20	47/41/35/32
Control systems	Infrared remote control				ARC466A9							
Temperature control					Microcomputer control							
Air direction control					Right, Left, Horizontal, Downward							

2 Specifications

Standard Accessories : Operation manual; Quantity : 1;
 Standard Accessories : Installation manual; Quantity : 1;
 Standard Accessories : Infrared remote control; Quantity : 1;
 Standard Accessories : Batteries; Quantity : 2;
 Standard Accessories : Remote control holder; Quantity : 1;
 Standard Accessories : Fixing screws for mounting plate; Quantity : 5;
 Standard Accessories : Mounting plate; Quantity : 1;
 Standard Accessories : Titanium apatite photocatalytic air purification filter; Quantity : 2;
 Standard Accessories : Fixing screw for remote controller holder; Quantity : 2;
 Standard Accessories : Indoor unit fixing screws; Quantity : 2;
 Standard Accessories : Screw cover; Quantity : 2;
 Standard Accessories : Wlan adapter kit;
 Standard Accessories : Titanium apatite filters; Quantity : 2;

2-2 Electrical Specifications				FTXJ20MS	FTXJ25MS	FTXJ35MS	FTXJ50MS	FTXJ20MW	FTXJ25MW	FTXJ35MW	FTXJ50MW
Power supply	Name			V1							
	Phase			1~							
	Frequency		Hz	50							
	Voltage		V	220-240							
Current	Nominal running current (RLA) - 50Hz	Cooling	A	0.12		0.16		0.12		0.16	
		Heating	A	0.15	0.16	0.21	0.22	0.15	0.16	0.21	0.22

Notes

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

3 Options

3 - 1 Options

FTXJ-MW
FTXJ-MS

Option kit	FTXJ-MW_S	Remark
Wired remote control	BRC073A1	
Extension cord for wired remote control (3m)	BRCW901A03	
Extension cord for wired remote control (5m)	BRCW901A08	
Centralised control board (up to 5 rooms)	KRC72A	
Wiring adaptor (normal open contact - normal open pulse contact)	KRP413AB15	
Interface adaptor for DIII-NET	KRP928BB25	
Central remote control	DCS302CA51	
Unified ON/OFF controller	DCS301BA51	
Schedule timer	DST301BA51	
Titanium apatite photocatalytic air-purifying filter with frame	KAF970AA6	①
Anti-theft protection for remote control	KKF910AA4	

Notes

1. R32 models

Legend

- ① Three-dimensional knitted fabric (42x255mm) + activated charcoal net

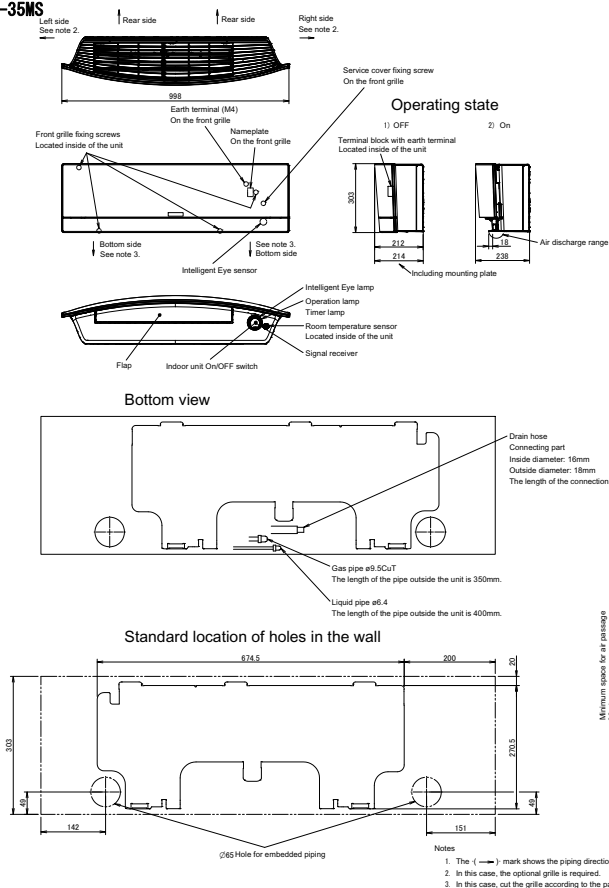
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4 Dimensional drawings

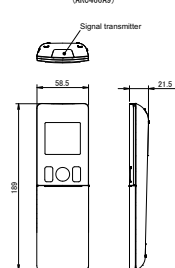
4 - 1 Dimensional Drawings

4

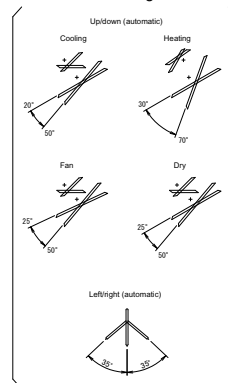
FTXJ20-35MW FTXJ20-35MS



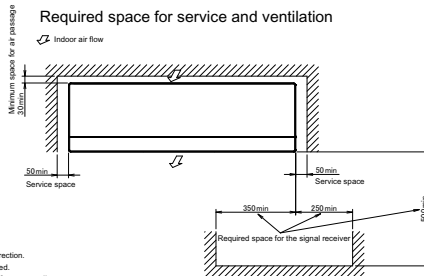
Wireless remote control (ARC466A8)



Blade angle

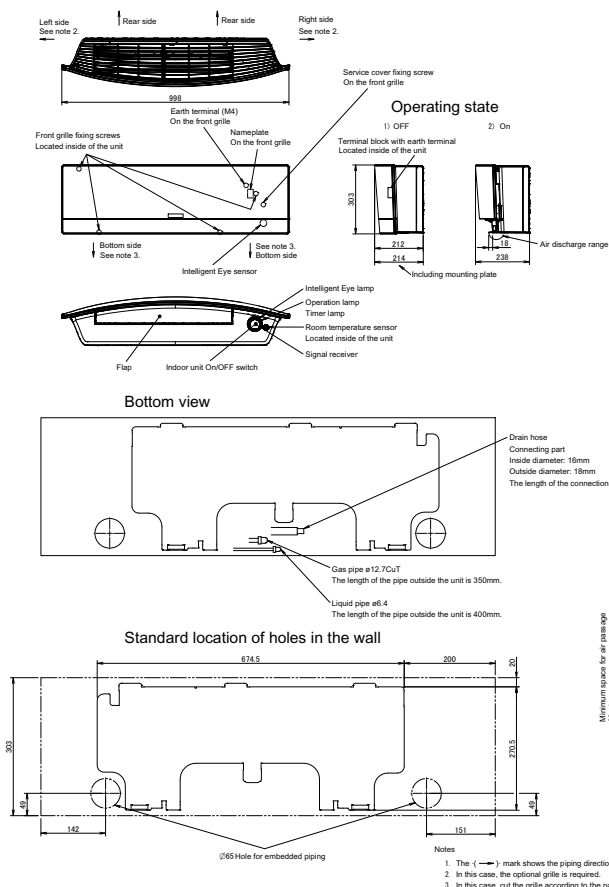


Required space for service and ventilation

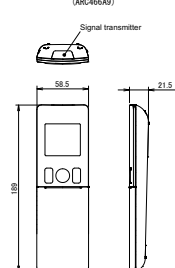


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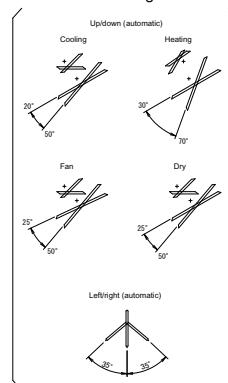
FTXJ50MW FTXJ50MS



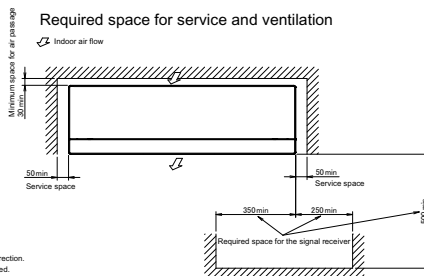
Wireless remote control (ARC466A8)



Blade angle



Required space for service and ventilation



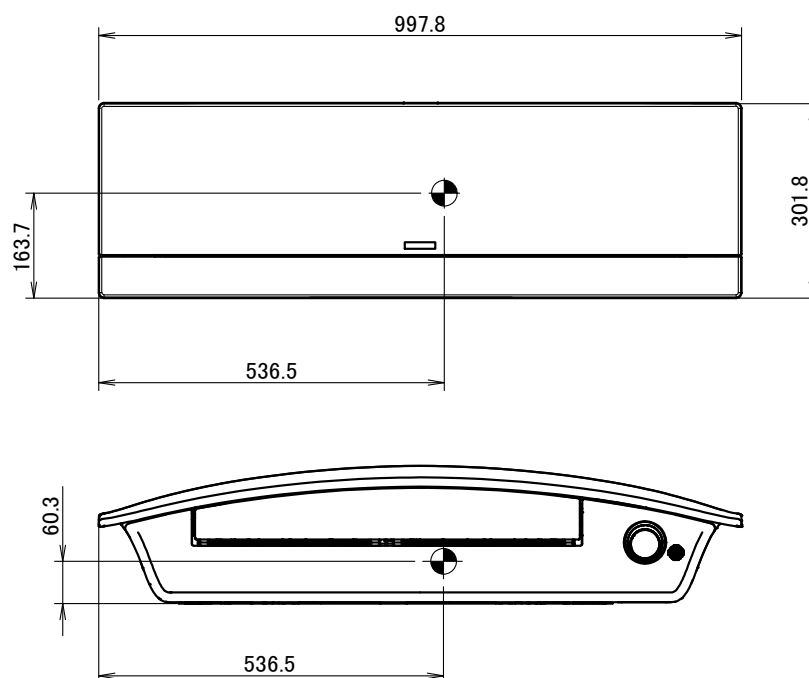
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5 Centre of gravity

5 - 1 Centre of Gravity

FTXJ-MW
FTXJ-MS

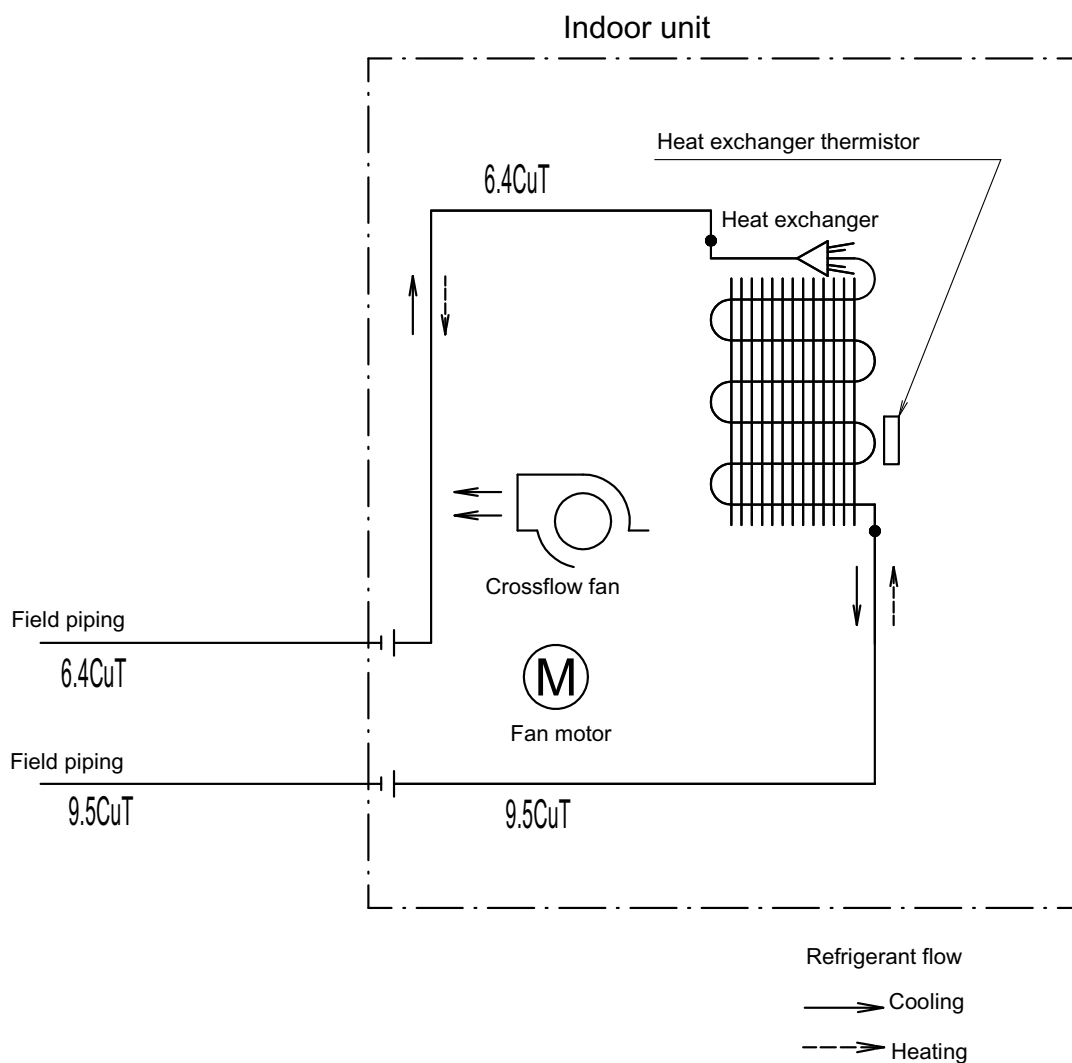


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6 Piping diagrams

6 - 1 Piping Diagrams

FTXJ20-35MW
FTXJ20-35MS

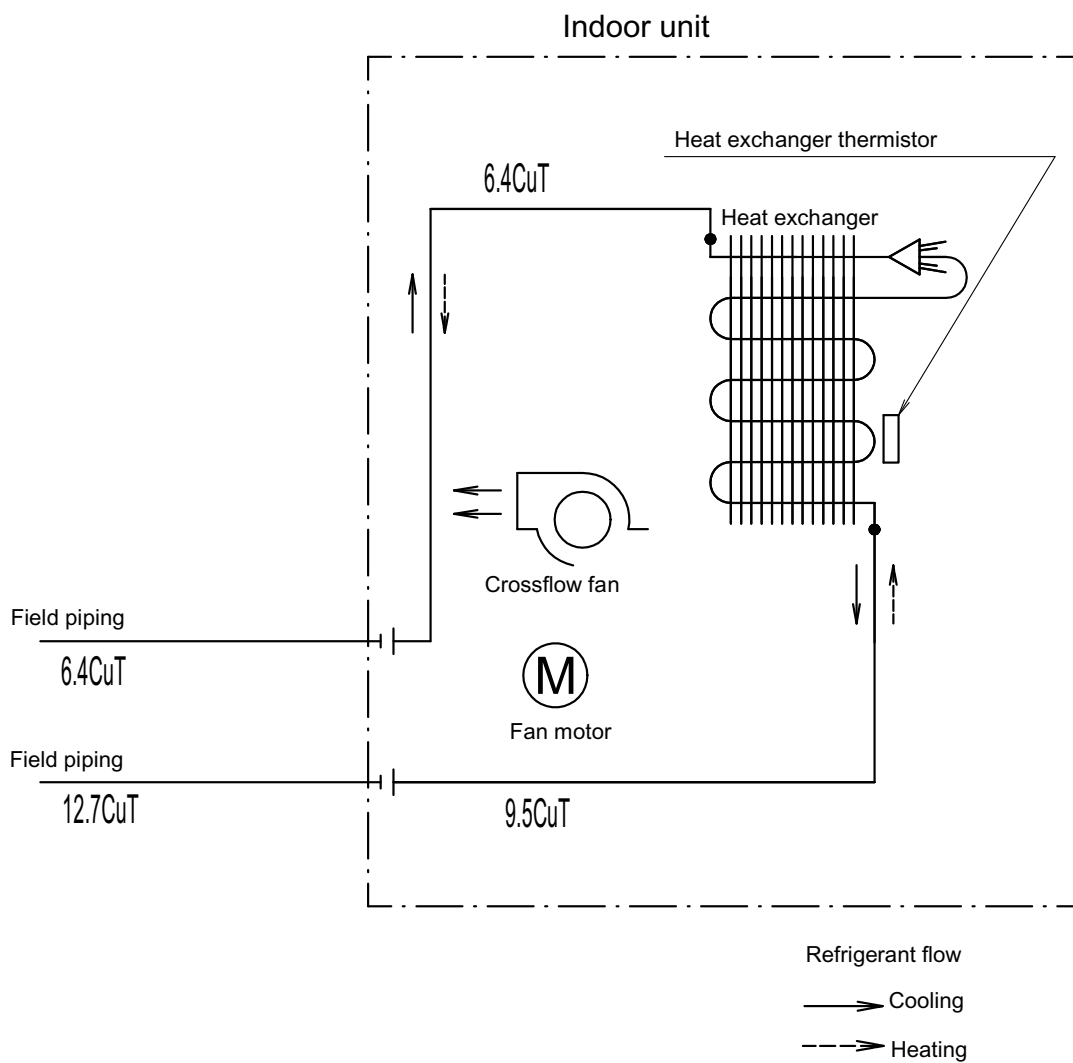


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6 Piping diagrams

6 - 1 Piping Diagrams

FTXJ50MW
FTXJ50MS

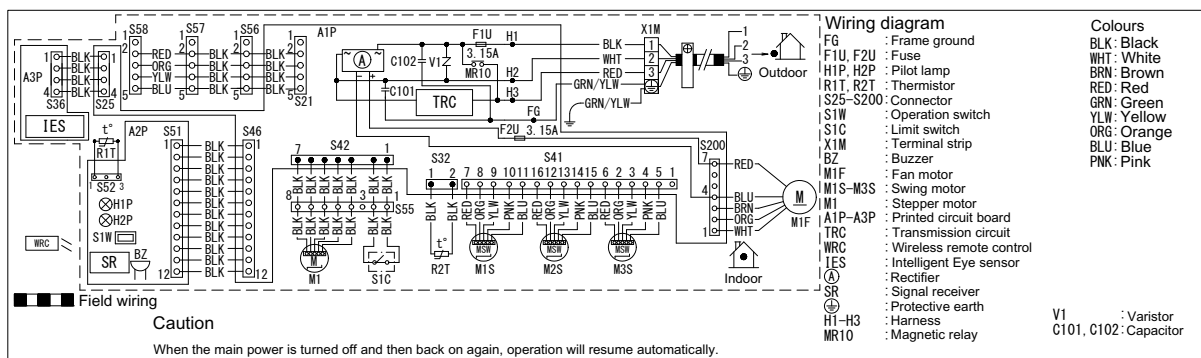


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7 Wiring diagrams

7 - 1 Wiring Diagrams - Single Phase

FTXJ-MW
FTXJ-MS



Notes

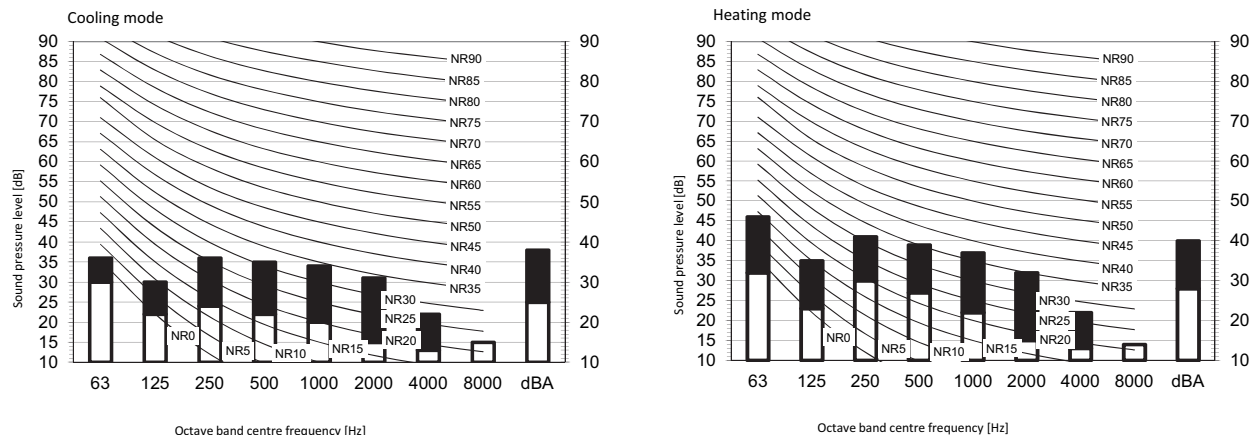
1. Size: length 62 X width 210.
2. Refer to purchasing specification AS303002, unless otherwise specified.

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8 Sound data

8 - 1 Sound Pressure Spectrum

FTXJ20MW FTXJ20MS

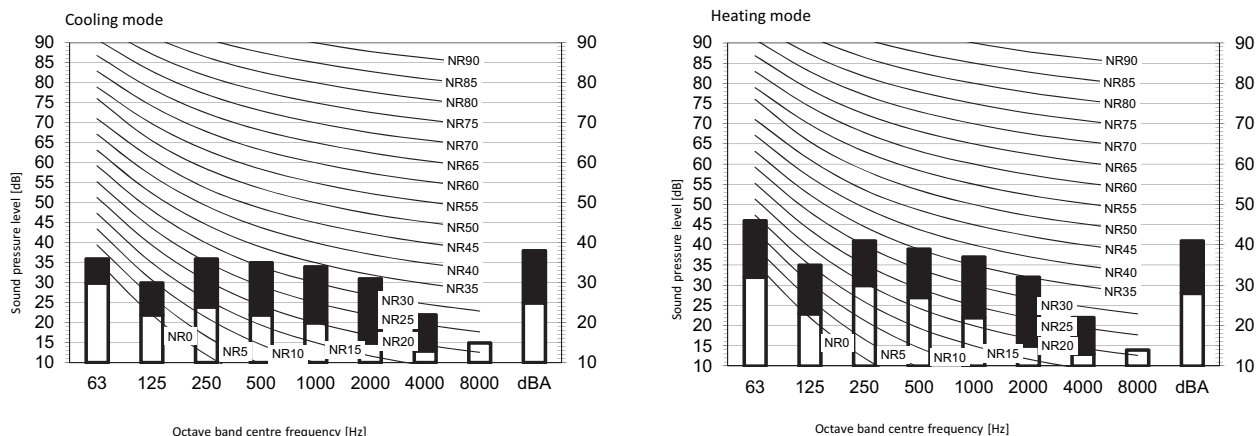


Notes

- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

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FTXJ25MW FTXJ25MS



Notes

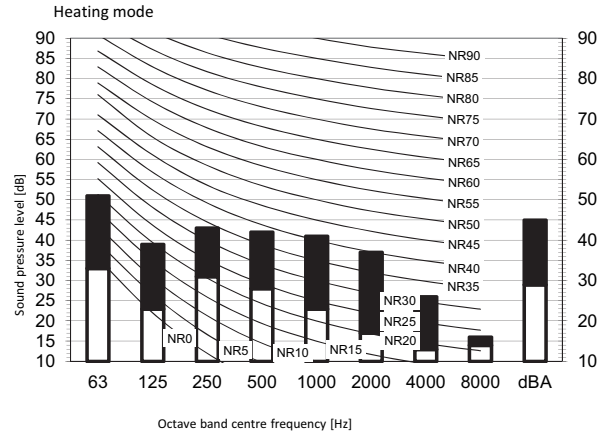
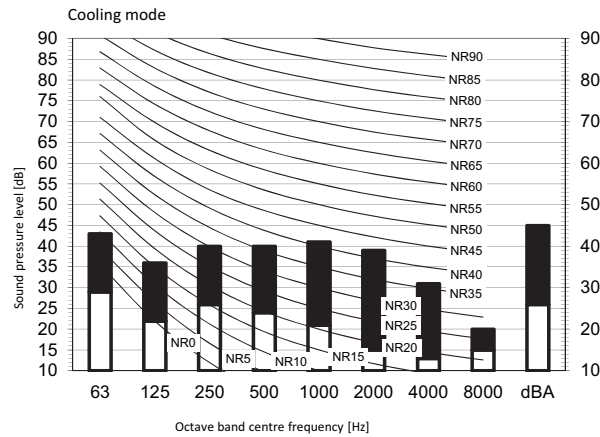
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

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8 Sound data

8 - 1 Sound Pressure Spectrum

FTXJ35MW
FTXJ35MS



Legend

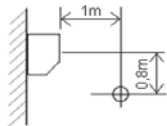
dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap

C Low-tap

Location of microphone



Cooling Total dB		
A	B	C
dBA	45	26

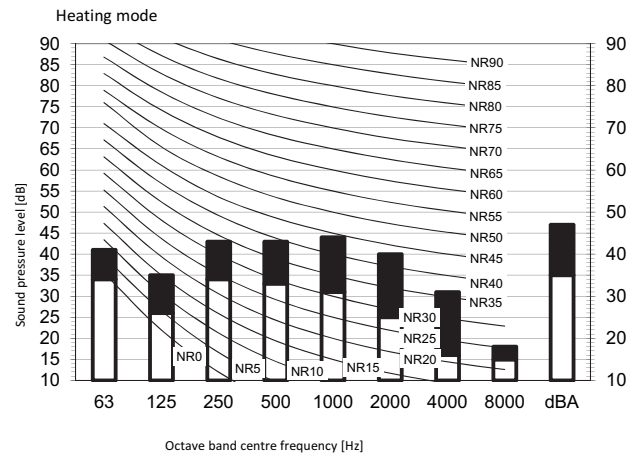
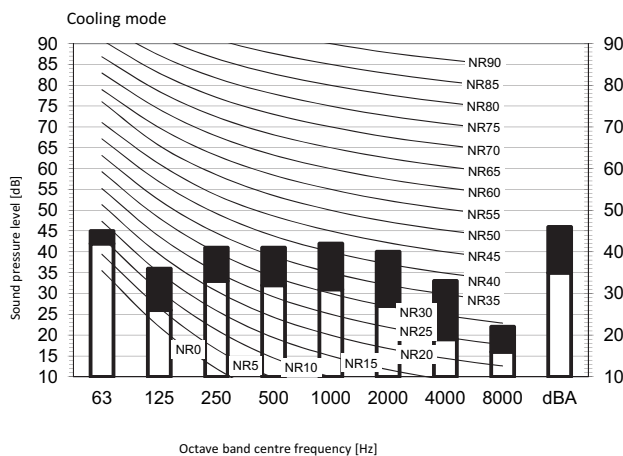
Heating Total dB		
A	B	C
dBA	45	29

Notes

- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

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FTXJ50MW
FTXJ50MS



Legend

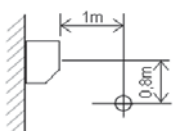
dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale

B High-tap

C Low-tap

Location of microphone



Cooling Total dB		
A	B	C
dBA	46	35

Heating Total dB		
A	B	C
dBA	47	35

Notes

- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

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