



Wall mounted unit
Air Conditioning
Technical Data
FTXP-N9



FTXP20N5V1B9
FTXP25N5V1B9
FTXP35N5V1B9

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FTXP-N9

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1 Features

1 - 1 FTXP-N9

Discreet wall mounted unit providing high efficiency and comfort

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- › Onecta app: control your indoor from any location with an app, via your local network or internet.
- › Practically inaudible: the unit runs so quietly, you will almost forget it is there.
- › Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- › Silver allergen removal and air purifying filter captures allergens such as pollen to ensure a steady supply of clean air
- › 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
- › The unit's compact dimensions makes it ideal for renovation projects, especially for above door installation
- › 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
- › Seasonal efficiency values up to A++ in cooling and heating
- › Space saving contemporary wall mounted design



 Onecta app	 Econo mode	 Energy saving during standby mode	 Night set mode	 Fan only	 Comfort mode	 Powerful mode	 Auto cooling-heating changeover	 Indoor unit silent operation
 3-D air flow	 Vertical auto swing	 Horizontal auto swing	 Auto fan speed	 Fan speed steps (5 steps)	 Dry programme	 Silver allergen removal and air purifying filter	 Practically inaudible	 Titanium apatite deodorising filter
 Air filter	 24 hour timer	 Infrared remote control	 Auto-restart	 Self diagnosis				

2 Specifications

2 - 1 Specifications

Technical specifications				FTXP20N9		FTXP25N9		FTXP35N9		
Power input	Cooling		kW	0.021		0.023		0.032		
	Heating		kW			0.023		0.032		
Casing	Colour			White						
Dimensions	Unit	Height	mm	286						
		Width	mm	770						
		Depth	mm	225						
	Packed unit	Height	mm	305						
		Width	mm	830						
		Depth	mm	360						
Weight	Unit		kg	9.00						
	Packed unit		kg	11.0						
Packing	Weight		kg	2.0						
Heat exchanger	Length		mm	610						
	Rows	Quantity		2						
		Fin pitch		mm	1.40					
	Stages	Quantity		18						
		Passes	Quantity		2.8					
	Tube type			ø5 Hi-XB						
	Fin	Type			ML fin (Multi louver)					
		Length		mm	600					
Heat exchanger 2	Rows	Quantity		1						
		Fin pitch		mm	1.40					
	Stages	Quantity		8						
		Type			Cross flow fan					
Fan	Quantity			1						
	Air flow rate	Cooling	High	m ³ /min	9.6		9.9		11.5	
				cfm	338.8		351.0		406.1	
			Medium	m ³ /min		7.5			8.3	
		cfm		264.3			293.1			
		Low	m ³ /min	5.6		5.8		6.3		
		cfm	197.7		204.9		222.5			
	Heating	High	m ³ /min		4.4			4.5		
			cfm		155.4			158.8		
			Medium	m ³ /min		10.6		11.5		
		cfm		372.7		406.1				
		Medium	m ³ /min		8.6		9.0			
cfm				302.6		317.8				
Fan	Air flow rate	Heating	Low	m ³ /min		6.6		7.0		
			cfm		231.3		247.2			
	Silent operation	m ³ /min		5.0		5.1				
		cfm		175.3		179.2				
Fan motor	Model			DFD03C1VB						
	Speed	Steps		5 + silent, + auto						
			Cooling	High	rpm	1,030		1,060		1,160
	Medium	rpm			840		890			
	Low	rpm	660			680		720		
	Silent operation	rpm			540		550			
	Heating	High	rpm		1,080		1,160			
			Medium	rpm		920		950		
			Low	rpm		750		780		
			Silent operation	rpm		610		620		
Output	Rated	W	22							
Sound power level	Cooling		dBA	55						
	Heating		dBA	55						
Sound pressure level	Cooling	High	dBA	39		40		43		
			Medium	dBA		33		34		
		Low	dBA	25		26		27		
			Silent operation	dBA		19		20		
	Heating	High	dBA	39		40				
			Medium	dBA		34		35		
		Low	dBA		28			29		
			Silent operation	dBA			21			
Piping connections	Liquid	OD	mm	6						
			mm	9.50						
	Gas	OD	mm	18						
	Drain			18						
Heat insulation			Both liquid and gas pipes							
Air filter	Type		Removable / washable							
Air direction control			Left, right, up and downwards							
Temperature control			Microcomputer control							
Control systems	Infrared remote control		ARC480A78							
	Wired remote control		BRC073A1							

Standard accessories: Installation manual;Quantity: 1;

2 Specifications

2 - 1 Specifications

Standard accessories: Operation manual;Quantity: 1;

Standard accessories: Infrared remote control;Quantity: 1;

Standard accessories: AAA dry-cell batteries;Quantity: 2;

Standard accessories: Remote control holder;Quantity: 1;

Standard accessories: Mounting plate;Quantity: 1;

Standard accessories: Titanium apatite deodorizing filter;Quantity: 1;

Standard accessories: Silver particle filter;Quantity: 1;

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

Standard accessories: General safety precautions;Quantity: 1;

Electrical specifications		FTXP20N9	FTXP25N9	FTXP35N9
Power supply	Phase		1~	
	Frequency	Hz	50	
	Voltage	V	220-240	

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m |

Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m (horizontal) |

See separate drawing for electrical data

4 Dimensional drawings

4 - 1 Dimensional Drawings

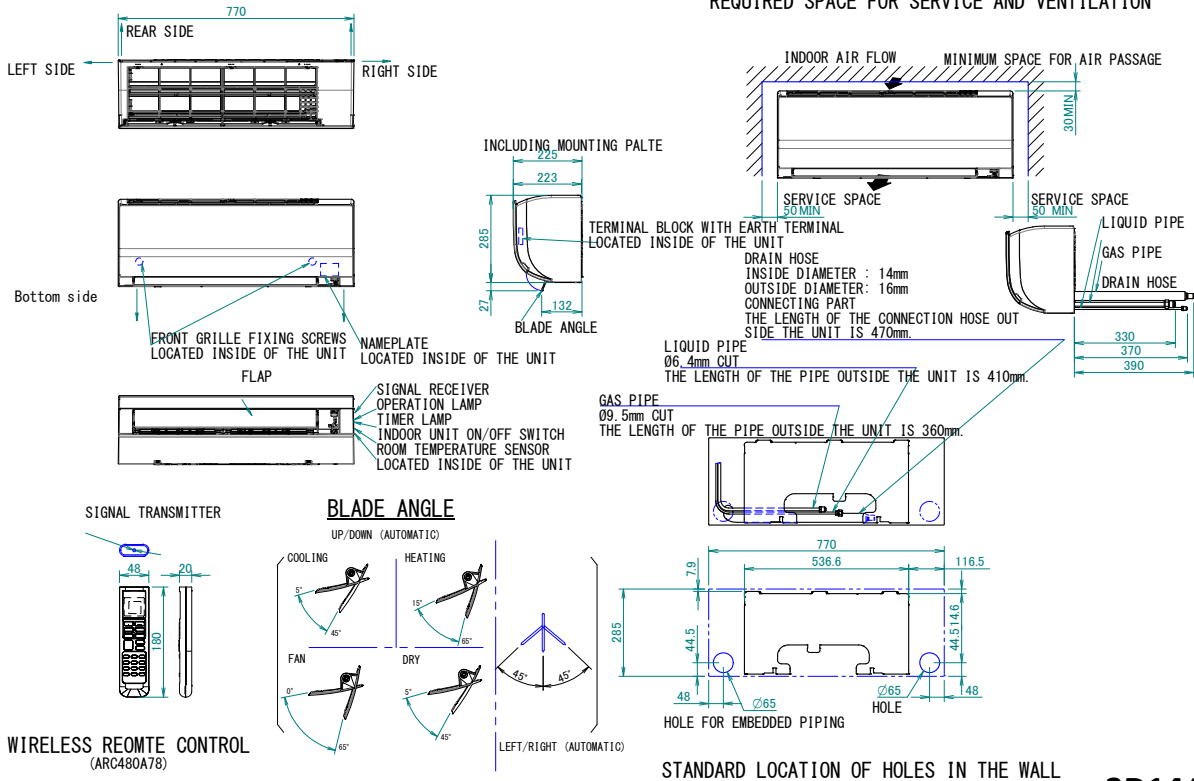
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THE " → " MARK SHOWS THE PIPING DIRECTION.

REQUIRED SPACE FOR SERVICE AND VENTILATION

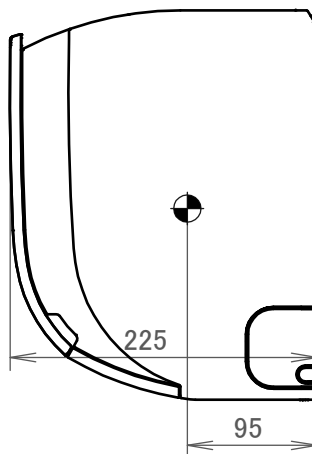
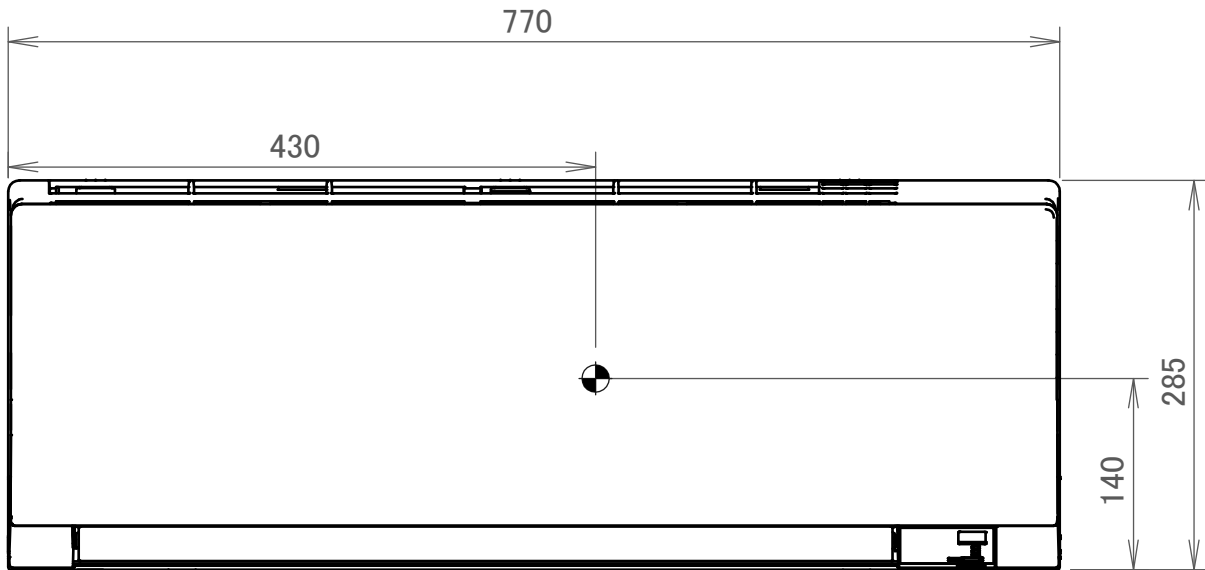


5 Centre of gravity

5 - 1 Centre of Gravity

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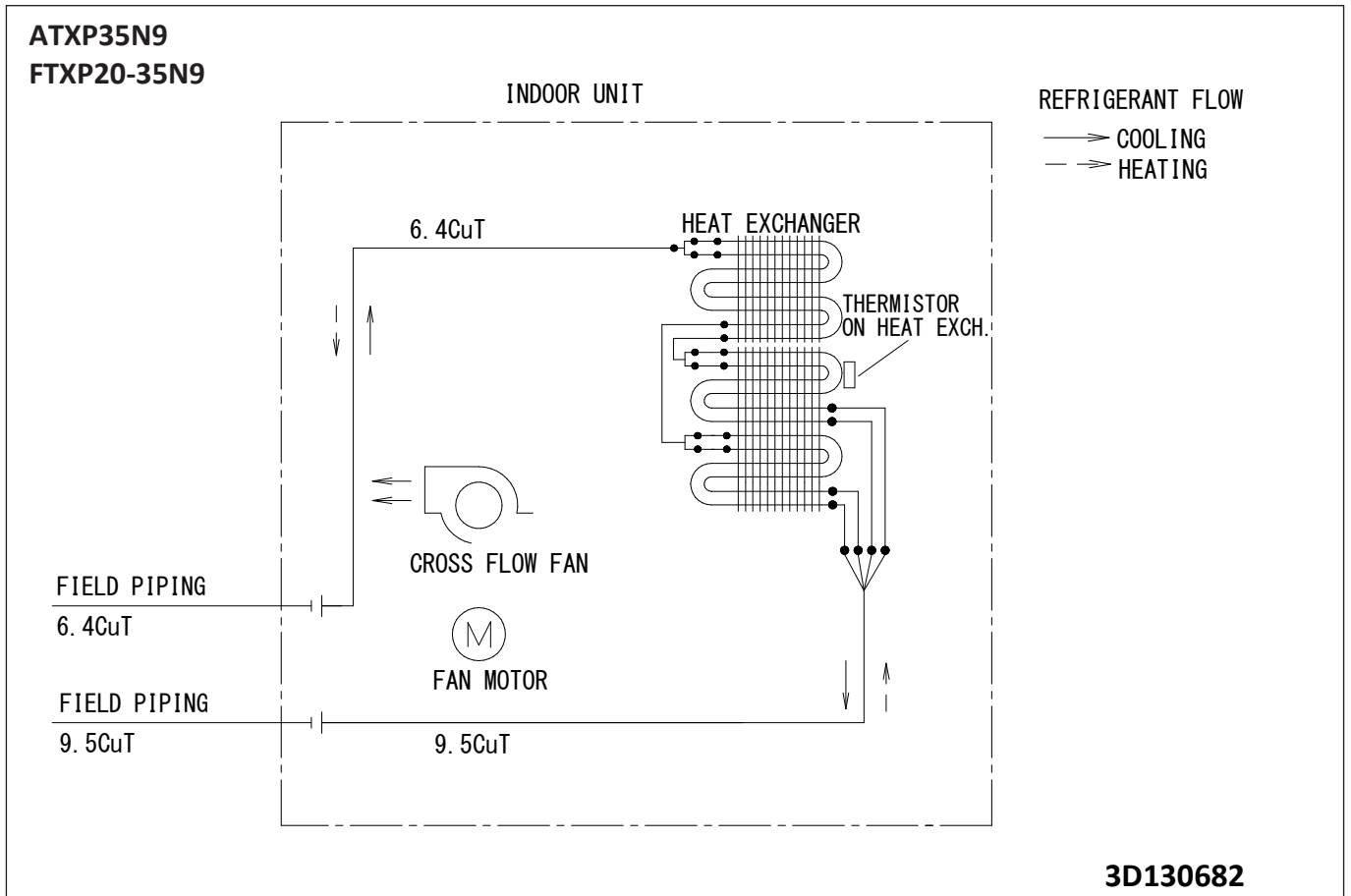


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6 Piping diagrams

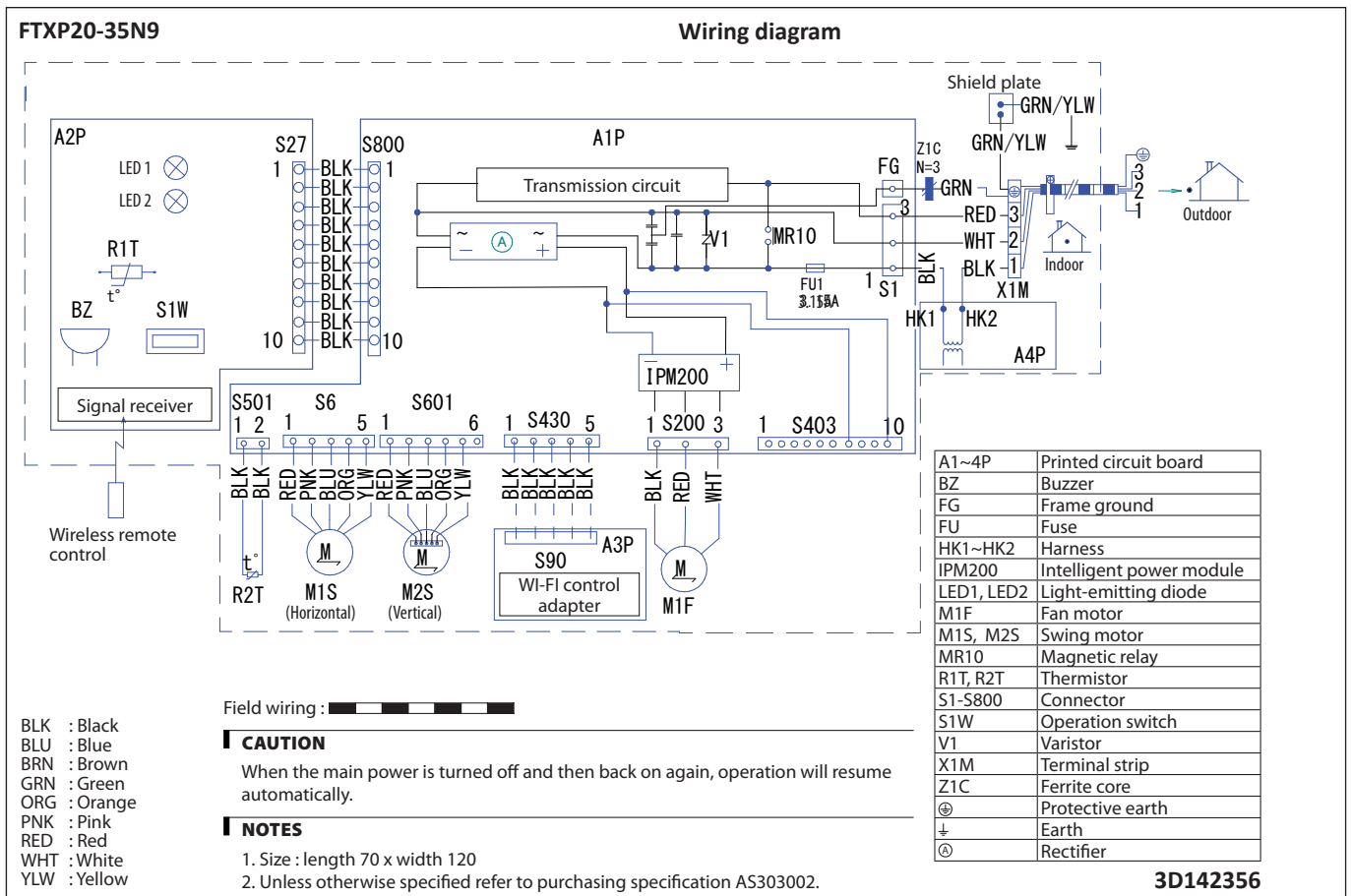
6 - 1 Piping Diagrams

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7 Wiring diagrams

7 - 1 Wiring Diagrams - Three Phase



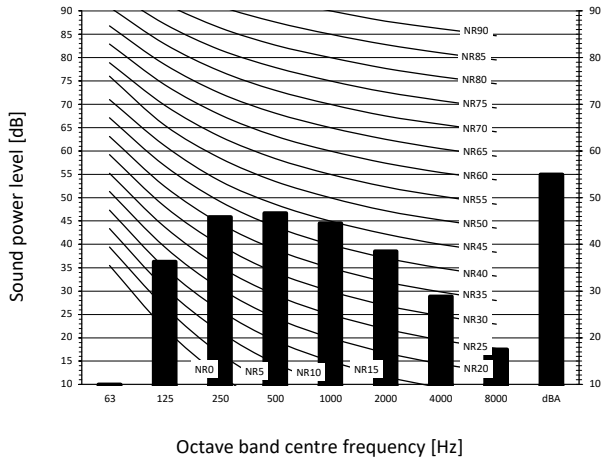
8 Sound data

8 - 1 Sound Power Spectrum

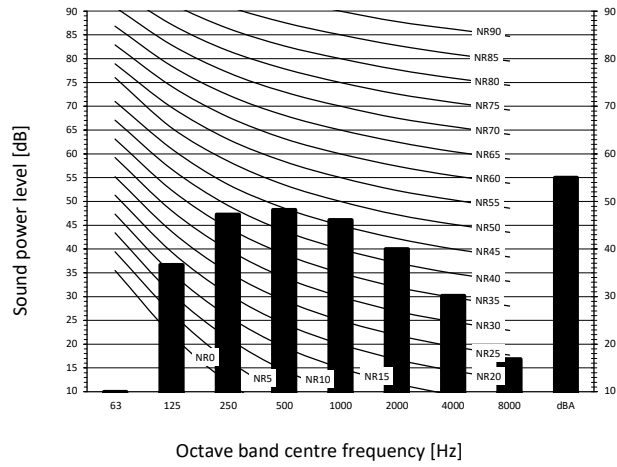
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Cooling mode



Heating mode



Fan speed: High

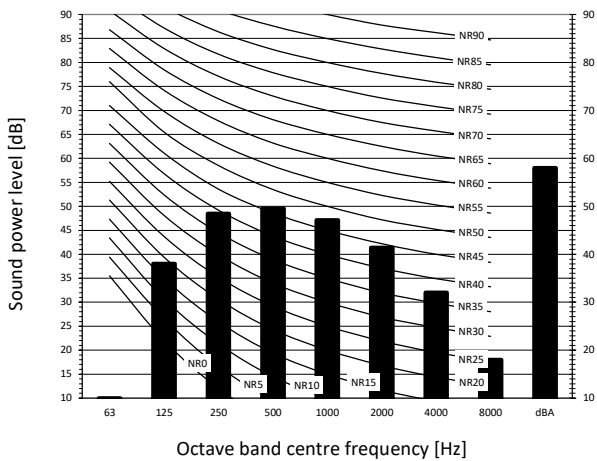
Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic power 0 dB = 20 μPa
3. Measured according to ISO 3744

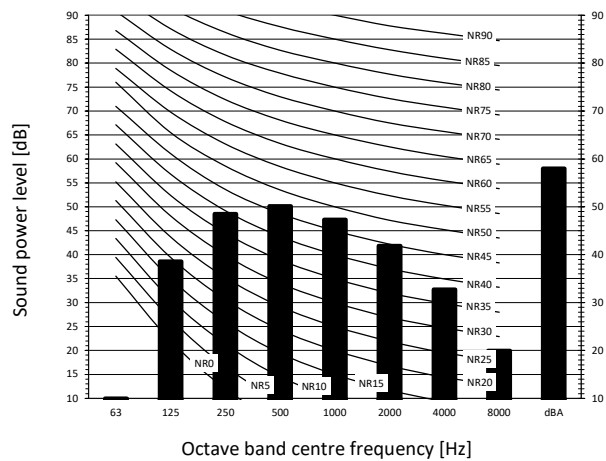
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Cooling mode



Heating mode



Fan speed: High

Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic power 0 dB = 20 μPa
3. Measured according to ISO 3744

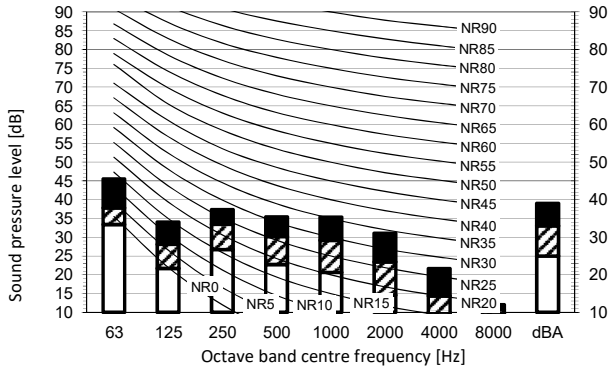
4D145080

8 Sound data

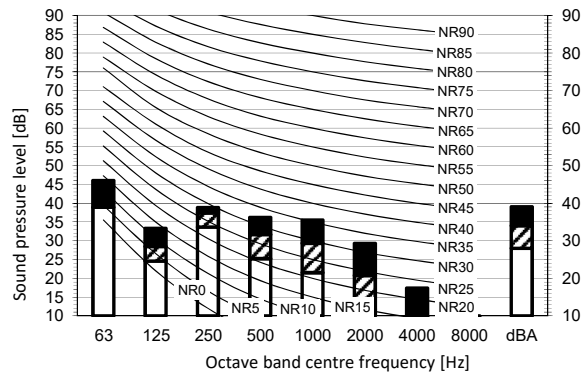
8 - 2 Sound Pressure Spectrum

ATXP20N9

FTXP20N9 Cooling mode



Heating mode

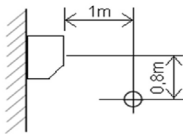


Legend

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

- A Scale Fan speed
- B High
- C Medium
- D Low

Location of microphone



Cooling		Total dB	
A	B	C	D
dBA	39	33	25

Heating		Total dB	
A	B	C	D
dBA	39	34	28

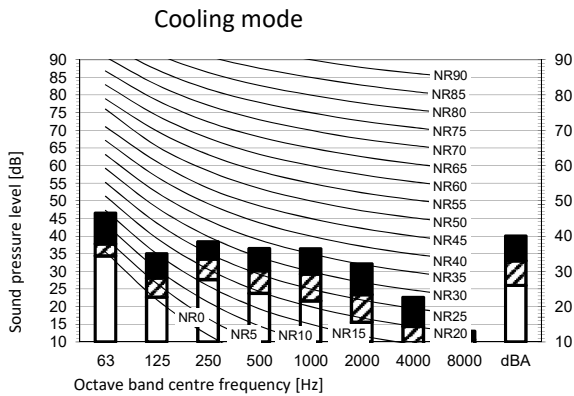
Notes

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

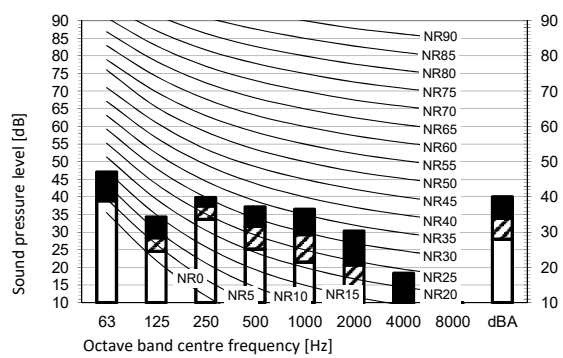
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FTXP25N9 Cooling mode



Heating mode

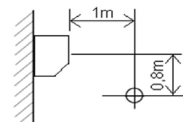


Legend

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

- A Scale Fan speed
- B High
- C Medium
- D Low

Location of microphone



Cooling		Total dB	
A	B	C	D
dBA	40	33	26

Heating		Total dB	
A	B	C	D
dBA	40	34	28

Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
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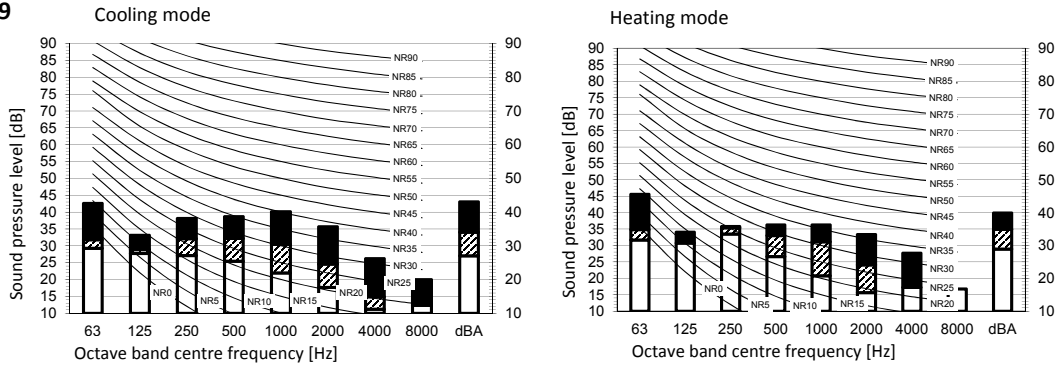
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8 Sound data

8 - 2 Sound Pressure Spectrum

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Legend

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

A	Scale	Fan speed
B	■	High
C	▨	Medium
D	□	Low

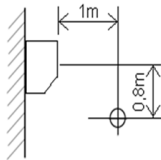
Cooling		Total dB		
A	B	C	D	
dBA	43	34	27	

Heating		Total dB		
A	B	C	D	
dBA	40	35	29	

Notes

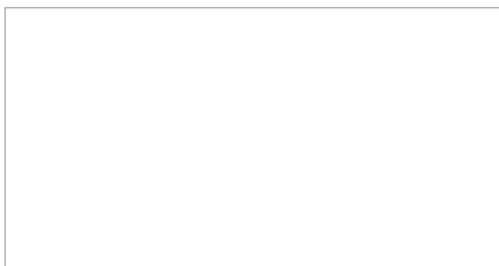
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5. Measuring location: anechoic chamber

Location of microphone



3D108791A

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