

Wall mounted unit
Air Conditioning
Technical Data
FTXTP-A



FTXTP25A5V1B
FTXTP35A5V1B

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FTXTP-A

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1 Features

1 - 1 FTXTP-A

Wall mounted unit providing high efficiency and comfort down to -30°C

1

- › Guaranteed heating operation at low ambient temperature, down to -30°C
- › The unit's compact dimensions makes it ideal for renovation projects, especially for above door installation
- › Seasonal efficiency values: full range A++ in cooling and heating
- › 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
- › Onecta app: control your indoor from any location with an app, via your local network or internet.
- › Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- › Space saving contemporary wall mounted design
- › 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



 -30° Guaranteed operation down to -30°C	 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	 Auto fan speed	 Fan speed steps (5 steps)	 Dry programme	 Titanium apatite deodorising filter	 24 hour timer	 Infrared remote control
 Wired remote control	 Auto-restart	 Self diagnosis						

2 Specifications

2 - 1 Specifications

Technical specifications					FTXTP25A	FTXTP35A			
Power input	Cooling	Nom.		kW	0.032				
	Heating	Nom.		kW	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					
	Packed unit		kg	11					
Packing	Weight		kg	2					
Heat exchanger	Length			mm	610				
	Rows	Quantity			2				
	Fin pitch			mm	1.4				
	Face area			m²	0.21				
	Stages	Quantity			18				
	Passes	Quantity			2.2				
	Tube type				ø5 Hi-XB				
	Tube material				Copper				
	Tube diameter			mm	5				
	Fin	Type			ML fin (Multi louver)				
	Heat exchanger 2	Quantity				1			
		Length		mm		600			
Rows		Quantity			1				
Fin pitch		mm		1.4					
Face area		m²		0.045					
Stages		Quantity			4				
Heat exchanger 3	Quantity		mm		1				
	Length		mm		600				
	Rows	Quantity			1				
	Fin pitch		mm		1.4				
	Stages	Quantity			4				
Fan	Type				Cross flow fan				
	Air flow rate	Cooling	High	m³/min cfm	11 388				
Fan	Air flow rate	Cooling	Medium	m³/min cfm	7.9 279				
				Low	m³/min cfm	5 177			
					Silent operation	m³/min cfm	3.7 130		
				Heating		High	m³/min cfm	10.5 371	
			Medium		m³/min cfm		9 318		
					Low	m³/min cfm	5.5 194		
			Silent operation			m³/min cfm	4.4 155		
				Fan motor	Model				DFD03C1VB
			Type				DC motor		
			Speed		Steps			5 + silent, + auto	
					Cooling	High	rpm	1,160	
			Medium	rpm		890			
			Low	rpm		640			
			Silent operation	rpm		510			
	Heating	High	rpm	1,160					
		Medium	rpm	940					
		Low	rpm	700					
		Silent operation	rpm	610					
	Sound power level	Cooling			dBA	58			
		Heating			dBA	58			
	Sound pressure level	Cooling	High	dBA	43				
			Medium	dBA	35				
Low			dBA	26					
Silent operation			dBA	21					
Heating		High	dBA	43					
		Medium	dBA	35					
		Low	dBA	26					
		Silent operation	dBA	21					

2 Specifications

2 - 1 Specifications

2

Technical specifications				FTXTP25A		FTXTP35A	
Refrigerant	Type			R-32			
	GWP			675			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.5			
	Drain			18			
	Heat insulation			Both liquid and gas pipes			
Air filter	Type			Removable / washable			
	Quantity			2			
Air direction control				Right, Left, Horizontal, Downward			
Temperature control				Microcomputer control			
Control systems	Infrared remote control			ARC480A78			

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Wireless remote control;Quantity: 1; Standard accessories: Screw cover;Quantity: 2;

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

Standard accessories: General safety precautions;Quantity: 1;

Standard accessories: Operation manual;Quantity: 1;

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

Standard accessories: Silver particle filter;Quantity: 1;

Standard accessories: Remote control holder;Quantity: 1;

Standard accessories: Screw bag;Quantity: 1;

Electrical specifications				FTXTP25A	FTXTP35A
Power supply	Name			V1	
	Phase			1~	
	Hz			50	
	V			220-240	
Wiring connections - 50Hz	For power supply	Quantity		3	
		Remark		3 for power supply, 4 for interunit wiring (Earth wire included)	
Current	Nominal running current (RLA)	A		0.45	

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m |

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

See separate drawing for electrical data

3 Options

3 - 1 Options

FTXTP-A

Option kit	Product name	Remark	Applicable models								Class	Casing	Factory
			FTXP20NSV1B9	FTXP25NSV1B9	FTXP35NSV1B9	ATXP20NSV1B9	ATXP25NSV1B9	ATXP35NSV1B9	FTXTP25A5V1B	FTXTP35A5V1B			
Wi-Fi adaptor for smartphones (Onecta App Adapter "Cartridge")	BRP069C47	①									20	BMS-R32	DTAS
WLAN adapter	BRP069B41/42										25	BMS-R32	DTAS
Wired remote control	BRC073A1	② ④	✓	✓	✓	✓	✓	✓	✓	✓	35	BMS-R32	DTAS
Madoka wired remote control	BRC1H51(9)W										20	BMS-R32	DTAS
Cord for wired remote control (-3-m)	BRCW901A03		✓	✓	✓	✓	✓	✓	✓	✓	25	BMS-R32	DTAS
Cord for wired remote control (-8-m)	BRCW901A08		✓	✓	✓	✓	✓	✓	✓	✓	35	BMS-R32	DTAS
Premium wired remote control	BRC1E52A/B/C										25	BMS-R32	DTAS
Simplified remote control	BRC2E52C										35	BMS-R32	DTAS
Remote control for hotel use	BRC3E52C										25	BMS-R32	DTAS
Centralised control board (up to 5- rooms)	KRC72A										35	BMS-R32	DTAS
Intelligent Tablet Controller by using KRP928	DCC601A51	⑥	✓	✓	✓	✓	✓	✓	✓	✓			
Central remote controller by using KRP928	DCS302CA51/61	⑥	✓	✓	✓	✓	✓	✓	✓	✓			
Unified ON/OFF controller	DCS301BA51/61	⑥	✓	✓	✓	✓	✓	✓	✓	✓			
Schedule timer	DST301BA51/61												
Intelligent touch manager by using KRP928	DCM601A51	⑥	✓	✓	✓	✓	✓	✓	✓	✓			
Modbus Gateway	RTD-RA	② ④	✓	✓	✓	✓	✓	✓	✓	✓			
KNX interface	KLIC-DD	② ④	✓	✓	✓	✓	✓	✓	✓	✓			
Adapter PCB (normal open/normal open pulse contact)	KRP413AB1S	② ④ ⑦	✓	✓	✓	✓	✓	✓	✓	✓			
Adapter PCB (normal open/normal open pulse contact)	KRP413BB1S	② ④	✓	✓	✓	✓	✓	✓	✓	✓			
Interface adaptor for DIII NET use	KRP928BB2S	② ④	✓	✓	✓	✓	✓	✓	✓	✓			
Interface adaptor for wired remote control (S21)	KRP067A41	③	✓	✓	✓	✓	✓	✓	✓	✓			
External wired temperature sensor	KRCS01-4												
Adapter PCB for interlock (key card,...)	BRP7A54												
Adapter for wiring	KRP1B56												
Adapter for external ON/OFF and monitoring for electrical appendices	KRP4A54												
Wiring adapter for electrical appendices	KRP2A53												
Installation box for adapter PCBs (when no space in the switchbox)	KRP1BA101												
Multi tenant	DTA114A61												
Titanium apatite deodorising filter without frame	KAF970A46	⑤	✓	✓	✓	✓	✓	✓	✓	✓			
Silver particle filter (Ag-ion) with frame	KAF057A41		✓	✓	✓	✓	✓	✓	✓	✓			
Noise filter for electromagnetic use only	KEK26-1A												
Anti-theft protection for remote control	KKF910A4												
Anti-theft protection for remote control	KKF936A4		✓	✓	✓	✓	✓	✓	✓	✓			
Optional remote control BRC480A54 for heating-only indoor units	BRC54A		✓	✓	✓	✓	✓	✓	✓	✓			
Wire harness to connect to S21 connector	EKRS21												

NOTES

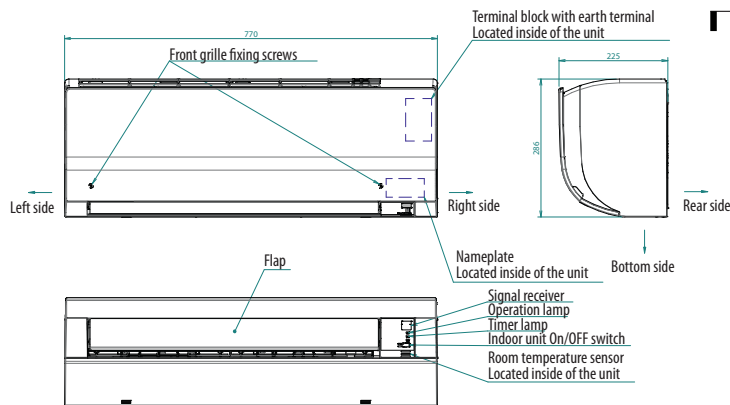
- ① Standard equipped
- ② To connect this option to the indoor unit, Interface adaptor .KRP067A41. is required.
- ③ This option feature a(n) .S21. connector .KRP067A41. is only .S21. PCB.
- ④ This option can not operate together with the wireless LAN functionality.
When connecting this option to the indoor unit, turn off the indoor unit's wireless LAN functionality.
- ⑤ Standard accessory
- ⑥ This option is a controller used in DIII net
- ⑦ Production of this option finished, replaced by new option KRP413BB1S.

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4 Dimensional drawings

4 - 1 Dimensional Drawings

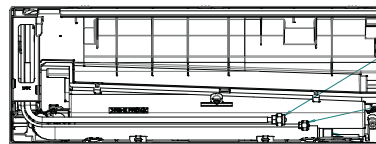
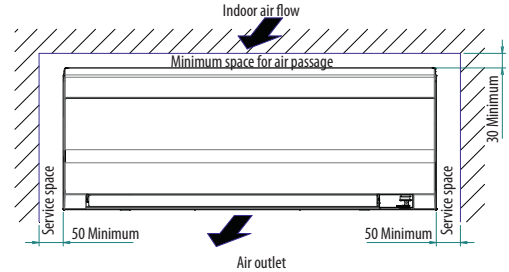
FTXTP-A



NOTES

The → mark shows the piping direction.

Required space for service and ventilation

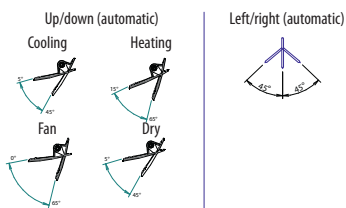


Gas pipe
Ø9.5- CuT
The length of the pipe outside the unit is -540-mm.

Liquid pipe
Ø6.4- CuT
The length of the pipe outside the unit is -590-mm.

Drain hose
Inside diameter: -14-mm
Outside diameter: -16-mm
The length of the connection hose outside the unit is -630-mm.

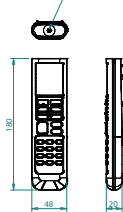
Blade angle



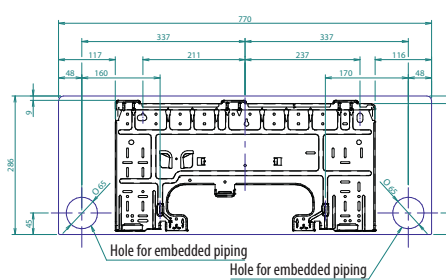
Wireless remote control

ARC480A78

Signal transmitter



Standard location of holes in the wall

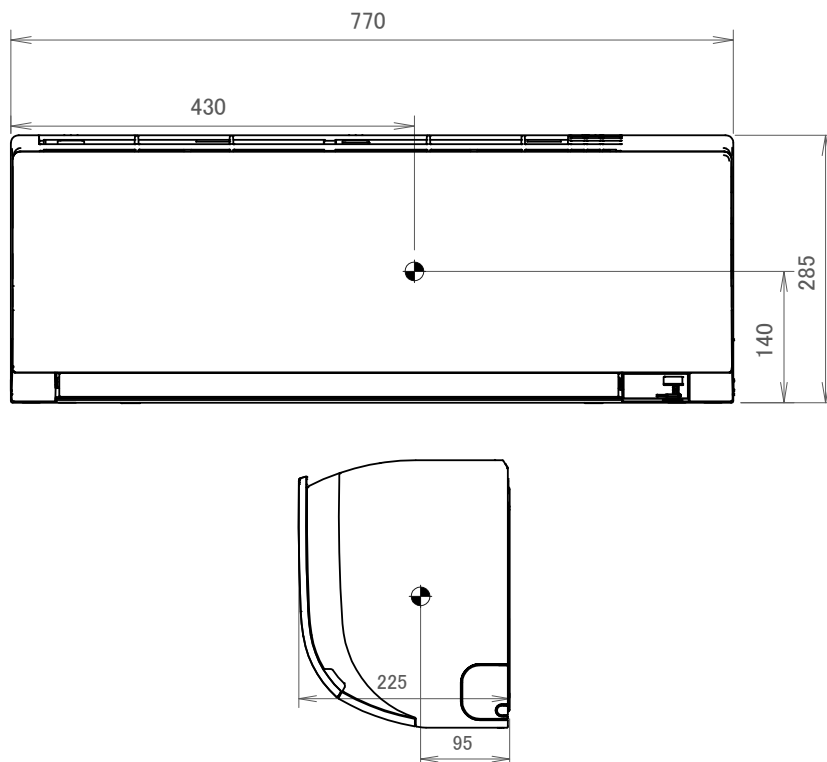


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5 Centre of gravity

5 - 1 Centre of Gravity

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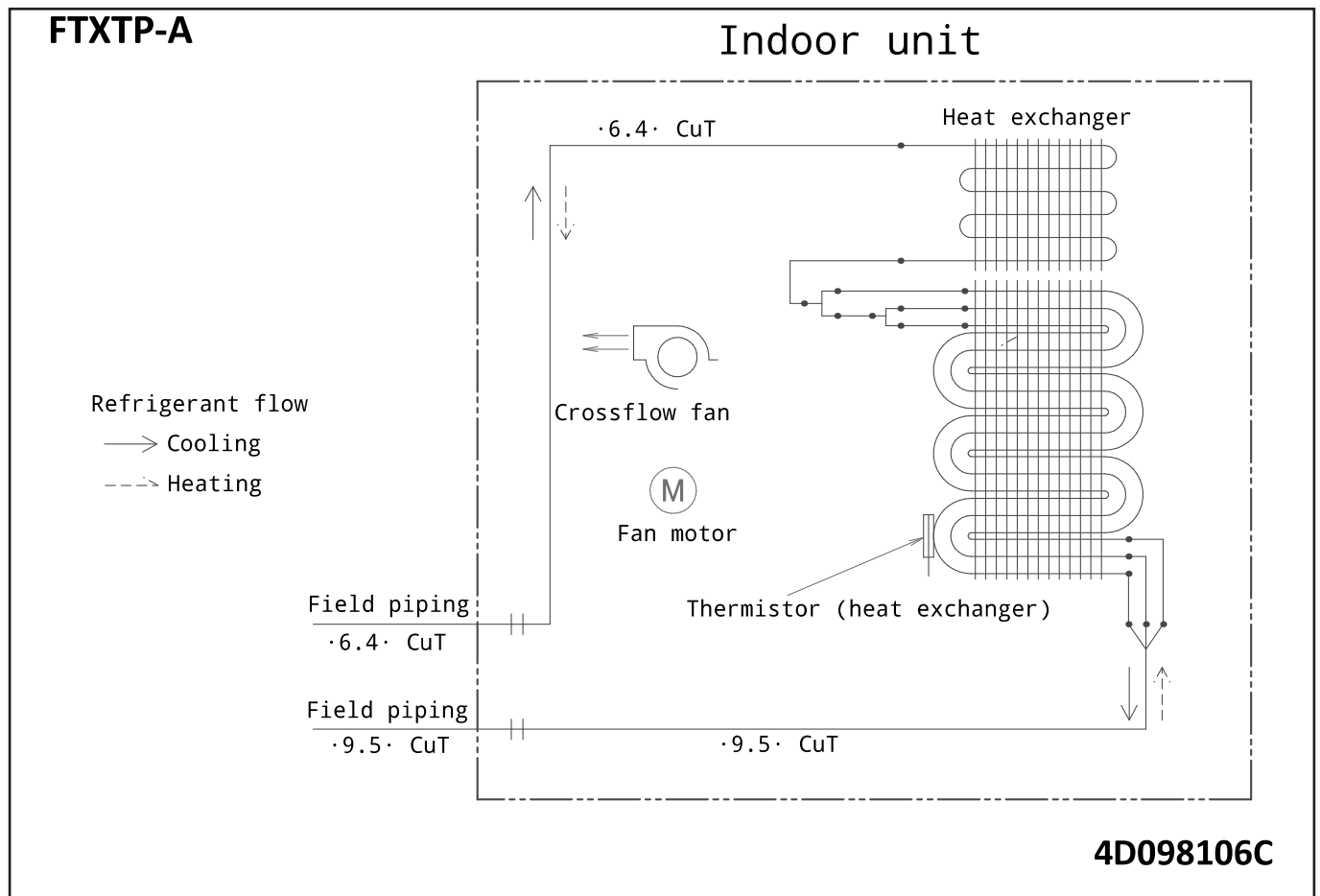


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6 Piping diagrams

6 - 1 Piping Diagrams

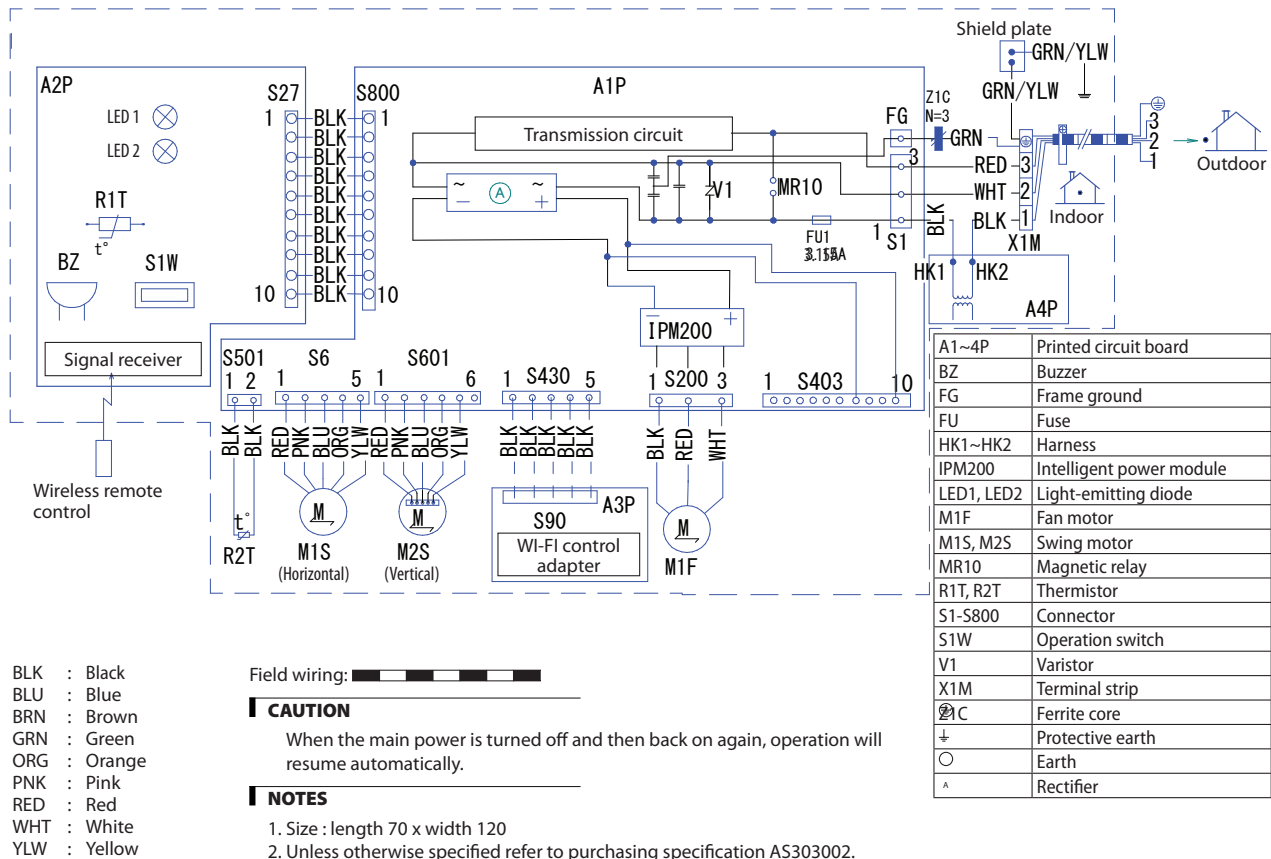
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7 Wiring diagrams

7 - 1 Wiring Diagrams - Three Phase

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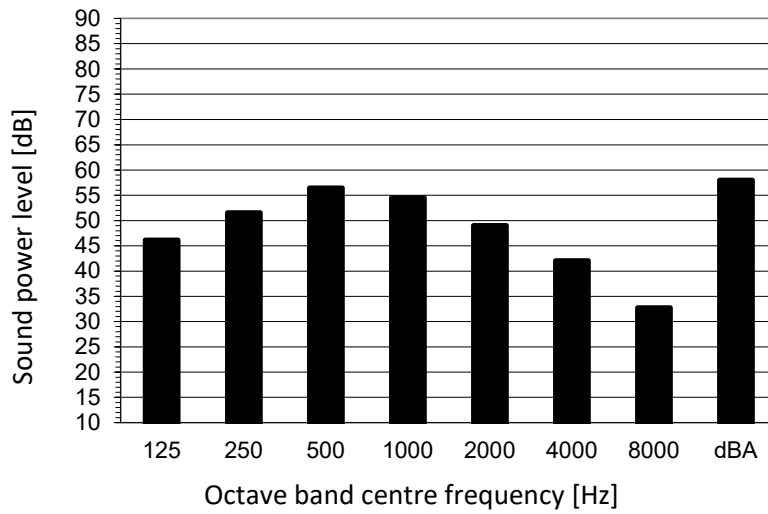
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8 Sound data

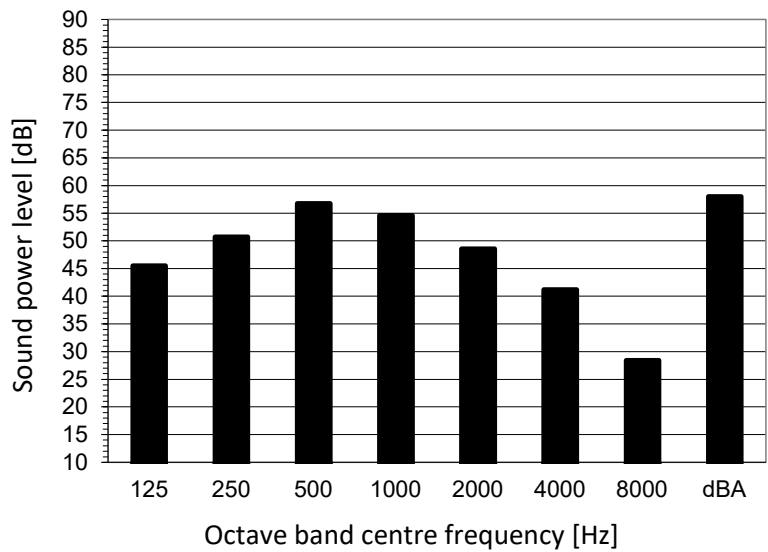
8 - 1 Sound Power Spectrum

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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 = 10^{-6} W
3. Measured according to ISO 3744

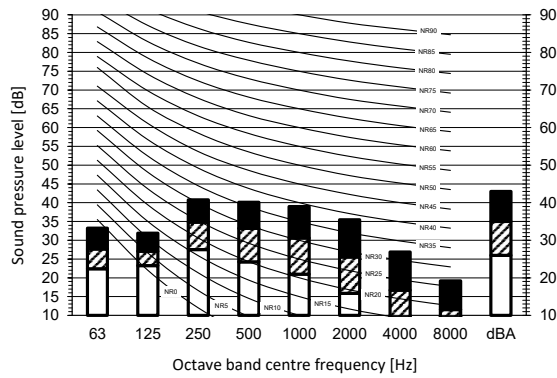
4D135024

8 Sound data

8 - 2 Sound Pressure Spectrum

FTXTP-A

Cooling mode



Cooling
Total dBA

A	B	C	D
dBA	43	35	26

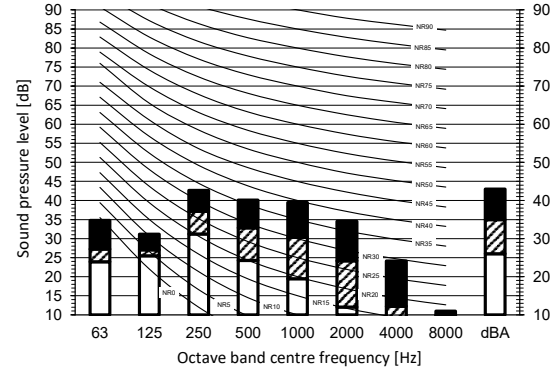
Legend

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

A Scale

B	Fan speed: High
C	Fan speed: Medium
D	Fan speed: Low

Heating mode



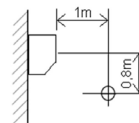
Heating
Total dBA

A	B	C	D
dBA	43	35	26

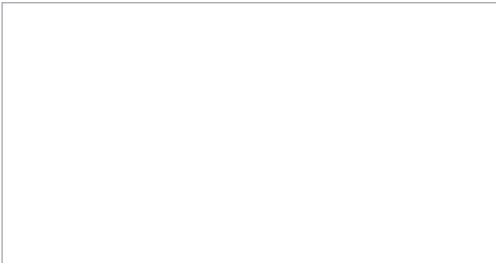
Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; IIS 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

Location of microphone



4D135008



EEDEN24

08/2024



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