

Fully flat cassette Air Conditioning Technical Data FXZA-A



FXZA15A2VEB
FXZA20A2VEB
FXZA25A2VEB
FXZA32A2VEB
FXZA40A2VEB
FXZA50A2VEB

TABLE OF CONTENTS

FXZA-A

1	Features	4
	FXZA-A	4
2	Specifications	6
3	Safety device settings	7
4	Options	8
5	Capacity tables	9
	Cooling Capacity Tables	9
	Heating Capacity Tables	10
6	Dimensional drawings	11
	Dimensional Drawings with Accessories	11
7	Centre of gravity	12
8	Piping diagrams	13
9	Wiring diagrams	14
	Wiring Diagrams - Single Phase	14
10	Sound data	15
	Sound Power Spectrum	15
	Sound Pressure Spectrum	18
11	Air flow patterns	21
	Air Flow Pattern - Cooling	21
	Air Flow Pattern - Heating	24

1 Features

1 - 1 FXZA-A

Unique design in the market that integrates fully flat into the ceiling

1

- › Optimised design for R-32 refrigerant
- › Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- › Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- › Two optional intelligent sensors improve energy efficiency and comfort
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!
- › Optional fresh air intake
- › Standard drain pump with 630mm lift increases flexibility and installation speed



Onecta app
(optional)
(optional)



Presence &
floor sensor
(optional)



Home leave
operation



Fan only



Draught
prevention



Auto cooling-
heating
changeover



Whisper quiet



Ceiling soiling
prevention



Individual flap
control



Vertical auto
swing



Fan speed
steps
(3 steps +
auto)



Dry
programme



Air filter
(pre filter)



Weekly timer



Infrared
remote control
(optional
- must be
combined
with Madoka
wired remote
controller)



Wired remote
control
(required
option)



Centralised
control
(optional)



Auto-restart



Self diagnosis



Multi tenant



Drain pump
kit
(standard)

2 Specifications

1 - 1 FXZA-A

Technical specifications				FXZA15A	FXZA20A	FXZA25A	FXZA32A	FXZA40A	FXZA50A	
Cooling capacity	Sensible capacity	At high fan speed	kW	1.20	1.50	1.90	2.50	3.10	3.80	
		At medium fan speed	kW	1.00	1.30	1.70	2.10	2.70	3.20	
		At low fan speed	kW	0.90	1.10	1.40	1.80	2.30	2.60	
	Latent capacity	At high fan speed	kW	0.50	0.70	0.90	1.10	1.40	1.80	
		At medium fan speed	kW	0.50	0.60	0.80	1.00	1.20	1.50	
		At low fan speed	kW	0.50	0.60	0.80	0.90	1.10	1.40	
	Total capacity	At high fan speed	kW	1.70	2.20	2.80	3.60	4.50	5.60	
		At medium fan speed	kW	1.50	1.90	2.50	3.10	3.90	4.70	
		At low fan speed	kW	1.40	1.70	2.20	2.70	3.40	4.00	
Heating capacity	Total capacity	At high fan speed	kW	1.90	2.50	3.20	4.00	5.00	6.30	
		At medium fan speed	kW	1.60	2.10	2.70	3.40	4.20	5.10	
		At low fan speed	kW	1.50	1.80	2.30	2.90	3.60	4.10	
Power input - 50Hz	Cooling	At high fan speed	kW	0.018 (1)		0.020 (1)	0.019 (1)	0.029 (1)	0.048 (1)	
		At medium fan speed	kW	0.013 (1)		0.016 (1)	0.015 (1)	0.019 (1)	0.036 (1)	
		At low fan speed	kW	0.010 (1)			0.011 (1)	0.014 (1)	0.019 (1)	
	Heating	At high fan speed	kW	0.018 (1)		0.020 (1)	0.019 (1)	0.029 (1)	0.048 (1)	
		At medium fan speed	kW	0.013 (1)		0.016 (1)	0.015 (1)	0.019 (1)	0.036 (1)	
		At low fan speed	kW	0.010 (1)			0.011 (1)	0.014 (1)	0.019 (1)	
Power input - 60Hz	Cooling	At high fan speed	kW	0.018 (1)		0.020 (1)	0.019 (1)	0.029 (1)	0.048 (1)	
	Heating	At high fan speed	kW	0.018 (1)		0.020 (1)	0.019 (1)	0.029 (1)	0.048 (1)	
Dimensions	Unit	Height	mm	260						
		Width	mm	575						
		Depth	mm	575						
	Packed unit	Height	mm	280						
		Width	mm	686						
		Depth	mm	597						
Weight	Unit	kg	15.5				16.5		18.5	
	Packed unit	kg	17			18			19	
Casing	Material			Galvanised steel plate						
Heat exchanger	Inside length		mm	1,295					1,248	
	Outside length		mm	1,342						
	Rows	Quantity		2					3	
	Fin pitch		mm	1.20						
	Passes	Quantity		4				5		7
	Face area		m²	0.218				0.290		0.300
	Stages	Quantity		12				16		
	Heat exchanger	Empty tubeplate hole	Quantity	0						
Fin		Type	Cross fin coil (multi slit fins and hi-XA tubes)							
Fan	Type	Turbo fan								
	Quantity			1						
	Air flow rate - 50Hz	Cooling	At high fan speed	m³/min	8.5	8.7	9.0	10.0	11.5	14.0
			At medium fan speed	m³/min	7.0	7.5	8.0	8.5	9.5	12.5
			At low fan speed	m³/min	6.5			7.0	8.0	10.0
		Heating	At high fan speed	m³/min	8.5	8.7	9.0	10.0	11.5	14.0
			At medium fan speed	m³/min	7.0	7.5	8.0	8.5	9.5	12.5
			At low fan speed	m³/min	6.5			7.0	8.0	10.0
	Air flow rate - 60Hz	Cooling	At high fan speed	cfm	300	307	318	353	406	494
			At medium fan speed	cfm	247	265	283	300	335	441
			At low fan speed	cfm	230			247	283	353
		Heating	At high fan speed	cfm	300	307	318	353	406	494
			At medium fan speed	cfm	247	265	283	300	335	441
			At low fan speed	cfm	230			247	283	353
Sound power level	Cooling	At high fan speed	dBA	49			50	51	54	60
Sound pressure level	Cooling	At high fan speed	dBA	31.5	32.0	33.0	33.5	37.0	43.0	
		At medium fan speed	dBA	28.0	29.5	30.0		32.0	40.0	
		At low fan speed	dBA	25.5			26.0	28.0	33.0	
	Heating	At high fan speed	dBA	31.5	32.0	33.0	33.5	37.0	43.0	
		At medium fan speed	dBA	28.0	29.5	30.0		32.0	40.0	
		At low fan speed	dBA	25.5			26.0	28.0	33.0	
Fan motor	Speed	Steps			3					
Refrigerant	Type	R-32								
	GWP	675.0								

2 Specifications

1 - 1 FXZA-A

Technical specifications				FXZA15A	FXZA20A	FXZA25A	FXZA32A	FXZA40A	FXZA50A
Piping connections	Liquid	Type		Flare connection					
		OD	mm	6					
	Gas	Type		Flare connection					
		OD	mm	9.52				12.70	
	Drain			VP20 (I.D. 20/O.D. 26)					
	Heat insulation			Foamed polystyrene / Foamed polyethylene					
Sound absorbing insulation			Foamed polyurethane						
Decoration panel	Model			BYFQ60C4W1W					
	Colour			White (N9.5)					
	Dimen- sions	Height	mm	46					
		Width	mm	620					
Decoration panel	Dimen- sions	Depth	mm	620					
		Weight	kg	2.8					
Decoration panel 2	Model			BYFQ60C4W1S					
	Colour			SILVER					
	Dimen- sions	Height	mm	46					
		Width	mm	620					
	Depth		mm	620					
	Weight		kg	2.8					
Decoration panel 3	Model			BYFQ60B2W1 / See note 2					
	Colour			White (RAL9010)					
	Dimen- sions	Height	mm	55					
		Width	mm	700					
		Depth	mm	700					
	Weight		kg	2.7					
	Decoration panel 4	Model			BYFQ60B3W1 / See note 2				
Colour			WHITE (RAL9010)						
Dimen- sions		Height	mm	55					
		Width	mm	700					
		Depth	mm	700					
Weight		kg	2.7						
Air filter	Type			Resin net					
Safety devices	Item	01		PC board fuse					
		02		Fan motor overcurrent protector					
		03		Fan motor thermal protection					
Control systems	Infrared remote control			BRC7F530W (white panel) / BRC7F530S (grey panel) / BRC7EB530W (standard panel)					
	Wired remote control			BRC1H52W/S/K					

Standard accessories: Installation and operation manual; Quantity: 1;

Standard accessories: Drain hose; Quantity: 1;

Standard accessories: Metal clamp for drain hose; Quantity: 1;

Standard accessories: Washer for hanger bracket; Quantity: 8;

Standard accessories: Screws; Quantity: 4;

Standard accessories: Insulation for fitting; Quantity: 2;

Standard accessories: Sealing pad; Quantity: 4;

Standard accessories: Clamps; Quantity: 7;

Electrical specifications			FXZA15A	FXZA20A	FXZA25A	FXZA32A	FXZA40A	FXZA50A
Power supply	Name		VE					
	Phase		1~					
	Frequency		50/60					
	Voltage		220-240/220					
Current - 50Hz	Minimum circuit amps (MCA)		A		0.3		0.4	
	Maximum fuse amps (MFA)		A		6		0.6	
	Full load amps (FLA) Total		A		0.3		0.4	
Current - 60Hz	Minimum circuit amps (MCA)		A		0.3		0.4	
	Maximum fuse amps (MFA)		A		6		0.6	
	Full load amps (FLA) Total		A		0.3		0.4	

(1) Values are valid for the factory setting. |

(2) It is necessary to use option ERPS23 (conversion wire harness) for connection of standard panel. |

(3) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB |

(4) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB |

(5) Dimensions do not include control box |

(6) The sound power level is an absolute value indicating the power which a sound source generates. |

(7) Voltage range: units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits. |

(8) Maximum allowable voltage range variation between phases is 2%. |

(9) MCA/MFA: MCA = 1.1 x FLA |

(10) Instead of a fuse, use a circuit breaker |

(11) Select wire size based on the value of MCA |

(12) Contains fluorinated greenhouse gases

3 Safety device settings

3 - 1 Safety Device Settings

FXZA-A

Safety devices		FXZA15/20/25/32/40/50A2VEB
PCB fuse		250V, 3.15A
PCB fuse (fan driver)		---
Fan motor thermal fuse	Nominal	0.74A
Fan motor thermal protector	Maximum	108°C
Drain pump fuse		---

4D128780

Options

4 - 1 Options

FXZA-A

Option kit	Product name	New/Existing	Compatibility			Availability
			BYFQ60B2W1 BYFQ60B3W1	BYFQ60C4W1W	BYFQ60C4W1S	
Decoration panel - Standard	BYFQ60B2W1 ⑦	Existing	-	-	-	✓
Decoration panel - Standard	BYFQ60B3W1 ⑦	Existing	-	-	-	✓
Decoration panel - White	BYFQ60C4W1W	New	-	-	-	✓
Decoration panel - Silver	BYFQ60C4W1S	New	-	-	-	✓
Sensor kit - White	BRYQ60A3W ③	New	No	Yes	No	✓
Sensor kit - Silver	BRYQ60A3S ③	New	No	No	Yes	✓
Air discharge outlet sealing member	BDBHQ44C60	Existing	Yes	Yes	Yes	✓
Panel spacer	KDBQ44B60	Existing	Yes	No	No	✓
Long-life replacement filter	KAFQ441BA60	Existing	Yes	Yes	Yes	✓
Fresh air intake kit	KDDQ44XA60	Existing	Yes	Yes	Yes	✓
Remote control Infrared type ·HP·	BRC7EBS30W ① ② ⑤	Existing	Yes	No	No	✓
Remote control Infrared type ·HP· White	BRC7F530W ① ② ⑤	Existing	No	Yes	No	✓
Remote control Infrared type ·HP· Silver	BRC7F530W ① ② ⑤	Existing	No	No	Yes	✓
Wired remote control	BRC1H52W/S/K ②	New	Yes	Yes	Yes	✓
Optional output PCB	ERP01A50 ⑥	New	Yes	Yes	Yes	✓
Wire harness for external wireless temperature sensor	EKEWTSC-1 ⑧	New	Yes	Yes	Yes	✓
Central remote control	DCS302C51	Existing	Yes	Yes	Yes	✓
Unified ON/OFF controller	DCS301B51	Existing	Yes	Yes	Yes	✓
Schedule timer	DST301BA51	Existing	Yes	Yes	Yes	✓
Wiring adaptor for electrical appendices	ERP02A50 ⑥	New	Yes	Yes	Yes	✓
Wiring adaptor for electrical appendices	KRP2A526	Existing	Yes	Yes	Yes	✓
Wiring adaptor for electrical appendices	KRP4A53 ⑥	Existing	Yes	Yes	Yes	✓
Wiring adaptor (hour meter)	EKR1C14 ⑥	New	Yes	Yes	Yes	✓
Installation box for adaptor PCB	KRP18C101	New	Yes	Yes	Yes	✓
Remote sensor	KRCS01-8B	New	Yes	Yes	Yes	✓
iTouch Controller	DCS601C51	Existing	Yes	Yes	Yes	✓
Digital input adaptor	BRP7A53 ⑤ ⑥	Existing	Yes	Yes	Yes	✓
Conversion wire harness for standard panel	EKRS23	New	Yes	No	No	✓
WLAN adaptor for smartphones	BRP069C51 ⑤	New	Yes	Yes	Yes	✓
PCB for multi-tenant indoor units	DTA114A61 ⑥	Existing	Yes	Yes	Yes	✓

Notes

- ① The sensing function is not available.
 - ② The independently-controllable-flaps function is not available.
 - ③ This option cannot be used with ·RR· and ·RQ· models.
 - ④ The independently-controllable-flaps function is not available in combination with ·RR· and ·RQ· models.
 - ⑤ Only possible in combination with remote control ·BRC1H52W/S/K·.
 - ⑥ Requires installation box for adaptor PCB ·KRP18C101·.
 - ⑦ For the connection of panel ·BYFQ60B2/3W1· with R32 units it is necessary to use option ·EKRS23·.
 - ⑧ ·EKEWTSC-1· is a wire harness for the connection of option ·K.RSS·.
- K.RSS· is not an official option. Sales for this option are an SBU responsibility.

3D128805D

5 Capacity tables

5 - 1 Cooling Capacity Tables

FXZA-A

		Indoor air temperature													
		14,0 [°C WB]		16,0 [°C WB]		18,0 [°C WB]		19,0 [°C WB]		20,0 [°C WB]		22,0 [°C WB]		24,0 [°C WB]	
		20,0 [°C DB]		23,0 [°C DB]		26,0 [°C DB]		27,0 [°C DB]		28,0 [°C DB]		30,0 [°C DB]		32,0 [°C DB]	
Unit size	Fan speed	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
15	H	1,0	0,8	1,3	1,0	1,5	1,1	1,7	1,2	1,9	1,2	2,2	1,3	2,5	1,4
	M	Correction factor -0.86 × H-													
	L	Correction factor -0.81 × H-													
20	H	1,3	1,0	1,6	1,3	2,0	1,5	2,2	1,5	2,4	1,6	2,8	1,7	3,3	1,8
	M	Correction factor -0.89 × H-													
	L	Correction factor -0.80 × H-													
25	H	1,6	1,3	2,1	1,6	2,5	1,9	2,8	1,9	3,1	2,0	3,6	2,1	4,2	2,2
	M	Correction factor -0.92 × H-													
	L	Correction factor -0.78 × H-													
32	H	2,1	1,7	2,7	2,0	3,3	2,4	3,6	2,5	3,9	2,5	4,6	2,7	5,4	2,9
	M	Correction factor -0.88 × H-													
	L	Correction factor -0.75 × H-													
40	H	2,6	2,2	3,3	2,6	4,1	3,0	4,5	3,1	4,9	3,2	5,8	3,4	6,7	3,6
	M	Correction factor -0.87 × H-													
	L	Correction factor -0.76 × H-													
50	H	3,2	2,7	4,1	3,2	5,1	3,7	5,6	3,8	6,1	4,0	7,2	4,2	8,3	4,5
	M	Correction factor -0.88 × H-													
	L	Correction factor -0.73 × H-													

Notes

- 1) TC: Total capacity [kW]
SHC: Sensible heat capacity [kW]
- 2) Outdoor temperature :35°C DB

3D129281

5 Capacity tables

5 - 2 Heating Capacity Tables

FXZA-A

Unit size	Fan speed	Indoor air temperature					
		16,0 [°C DB]	18,0 [°C DB]	20,0 [°C DB]	21,0 [°C DB]	22,0 [°C DB]	24,0 [°C DB]
		TC	TC	TC	TC	TC	TC
15	H	2,2	2,1	1,9	1,8	1,7	1,6
	M	Correction factor -0.84 × H·					
	L	Correction factor -0.78 × H·					
20	H	2,9	2,7	2,5	2,4	2,3	2,1
	M	Correction factor -0.87 × H·					
	L	Correction factor -0.77 × H·					
25	H	3,7	3,5	3,2	3,1	2,9	2,7
	M	Correction factor -0.90 × H·					
	L	Correction factor -0.75 × H·					
32	H	4,7	4,3	4,0	3,8	3,7	3,3
	M	Correction factor -0.86 × H·					
	L	Correction factor -0.72 × H·					
40	H	5,8	5,4	5,0	4,8	4,6	4,2
	M	Correction factor -0.84 × H·					
	L	Correction factor -0.72 × H·					
50	H	7,4	6,8	6,3	6,0	5,8	5,3
	M	Correction factor -0.81 × H·					
	L	Correction factor -0.65 × H·					

Notes

- 1) TC: Total capacity [kW]
- 2) Outdoor temperature -7°C DB / -6°C WB

3D129282

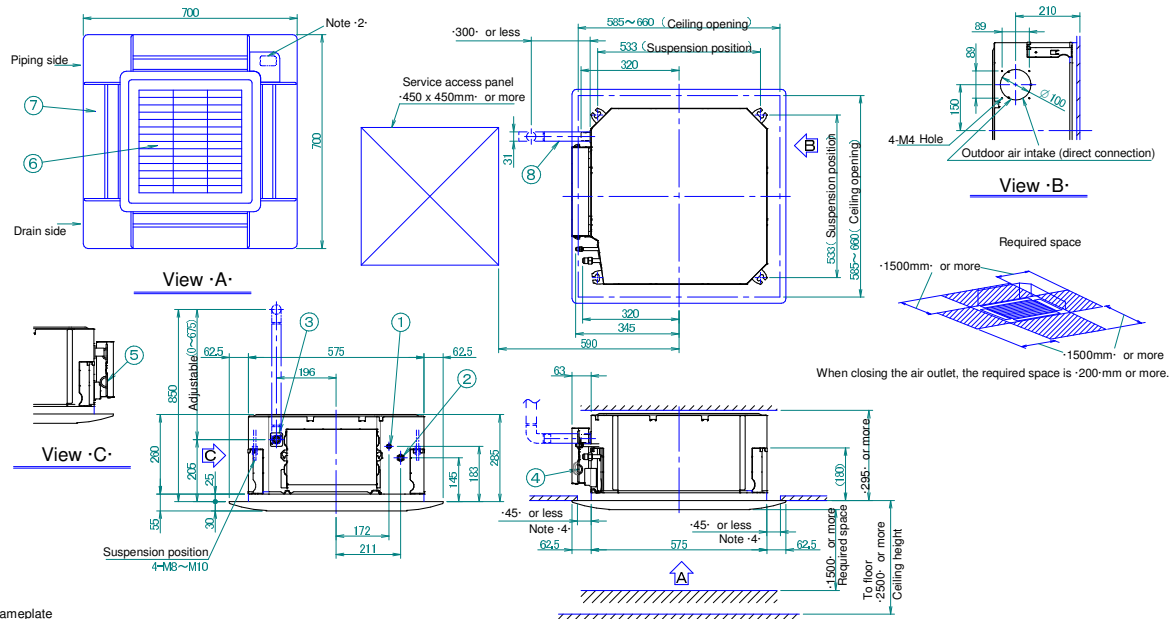
6 Dimensional drawings

6 - 1 Dimensional Drawings with Accessories

FXZA-A

Decoration panel

BYF06082W1	White Ral 9010
BYF06083W1	White Ral 9010



Notes

1. Location of nameplate
The indoor unit nameplate is located on the bell mouth inside the suction grille.
The decoration panel nameplate is located on the inner frame inside the suction grille.
2. When installing a wireless controller, there will be a receiver on this location.
For details, see the drawing of the wireless controller.
3. If any of the following conditions are met, additional insulation (glass wool or polyethylene foam, thickness ≥ 10 mm) is required:
Ambient conditions in the ceiling $\geq -30^{\circ}\text{C}$ and $\geq 80\%$ relative humidity.
Fresh air is inducted into the ceiling.
The unit operates continuously.
4. Though the installation is acceptable up to maximum $\cdot 660\text{-mm}$ square ceiling opening, keep the clearance of $\cdot 45\text{-mm}$ or less between the indoor unit and the ceiling opening, so that the panel overlap allowance can be ensured.

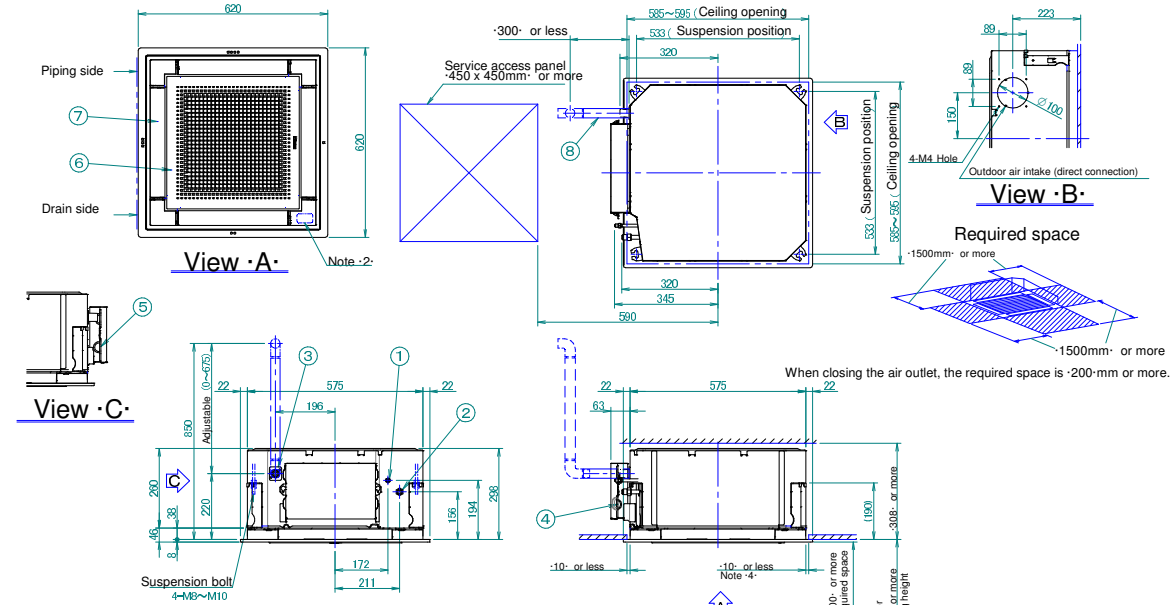
Item	Part name	Item	Part name
①	Liquid pipe connection $\cdot \phi 6.4$	⑤	Remote control wiring intake
②	Gas pipe connection $\cdot 15\text{-}32 \phi 9.5$	⑥	Air discharge grille
③	Gas pipe connection $\cdot 40\text{-}50 \phi 12.7$	⑦	Air suction grille
④	Drain outlet $\cdot \text{VP20}$	⑧	Drain hose
	Outer: $\cdot \phi 26$		Inner: $\cdot \phi 25$
	Power supply		

3D125613A

FXZA-A

Decoration panel

BYF06082W1	Fresh white N9.5
BYF06083W1	Daikin silver



Notes

1. Location of nameplate
The indoor unit nameplate is located on the bell mouth inside the suction grille.
The decoration panel nameplate is located on the inner frame inside the suction grille.
2. When installing a wireless controller, there will be a receiver on this location.
For details, see the drawing of the wireless controller.
3. If any of the following conditions are met, additional insulation (glass wool or polyethylene foam, thickness ≥ 10 mm) is required:
Ambient conditions in the ceiling $\geq -30^{\circ}\text{C}$ and $\geq 80\%$ relative humidity.
Fresh air is inducted into the ceiling.
The unit operates continuously.
4. Though the installation is acceptable up to maximum $\cdot 595\text{-mm}$ square ceiling opening, keep the clearance of $\cdot 10\text{-mm}$ or less between the indoor unit and the ceiling opening, so that the panel overlap allowance can be ensured.

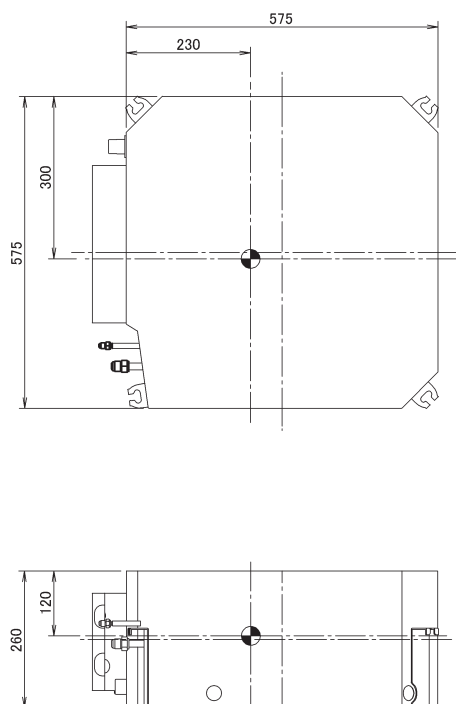
Item	Part name	Item	Part name
①	Liquid pipe connection $\cdot \phi 6.4$	⑤	Remote control wiring intake
②	Gas pipe connection $\cdot 15\text{-}32 \phi 9.5$	⑥	Air discharge grille
③	Gas pipe connection $\cdot 40\text{-}50 \phi 12.7$	⑦	Air suction grille
④	Drain outlet $\cdot \text{VP20}$	⑧	Drain hose
	Outer: $\cdot \phi 26$		Inner: $\cdot \phi 25$
	Power supply		

3D125141A

7 Centre of gravity

7 - 1 Centre of Gravity

FXZA-A



4D082432

8 Piping diagrams

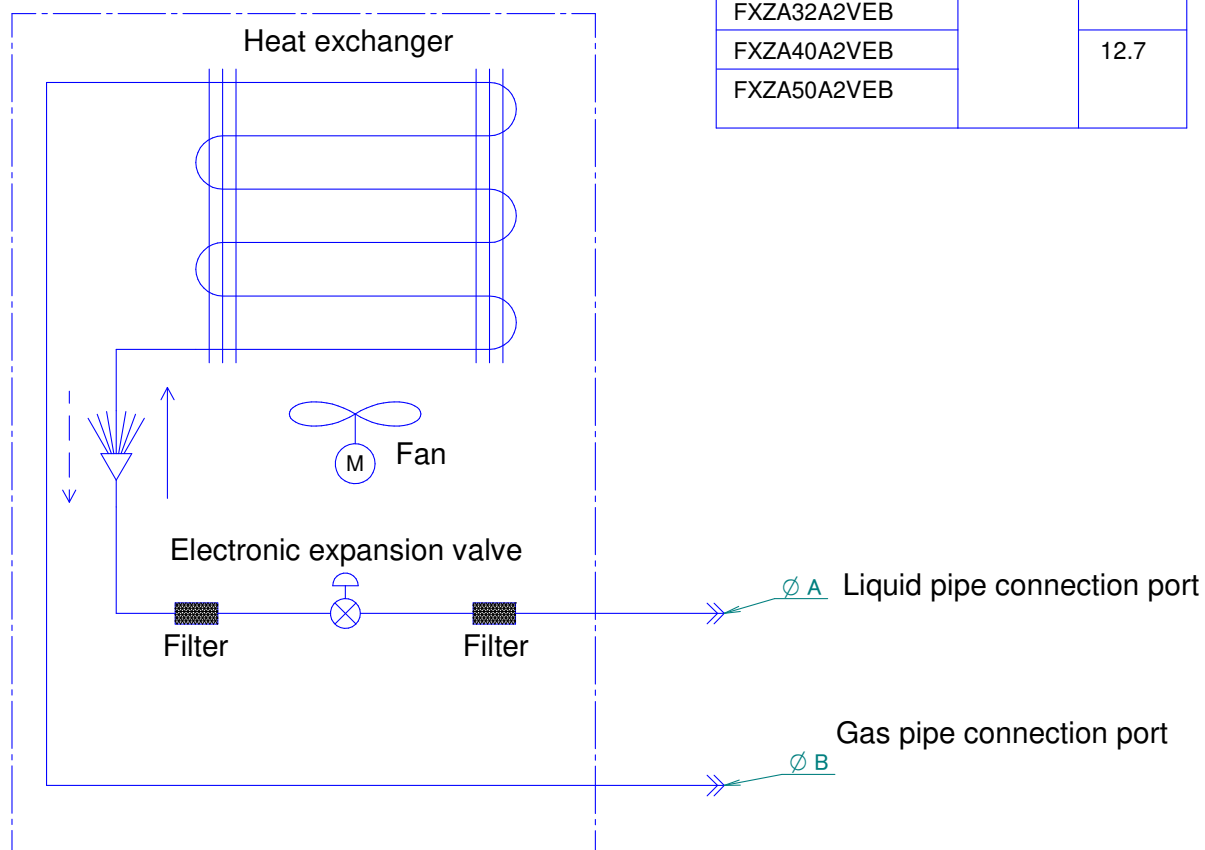
8 - 1 Piping Diagrams

8

FXZA-A

REFRIGERANT FLOW

COOLING →
HEATING - - - - ->

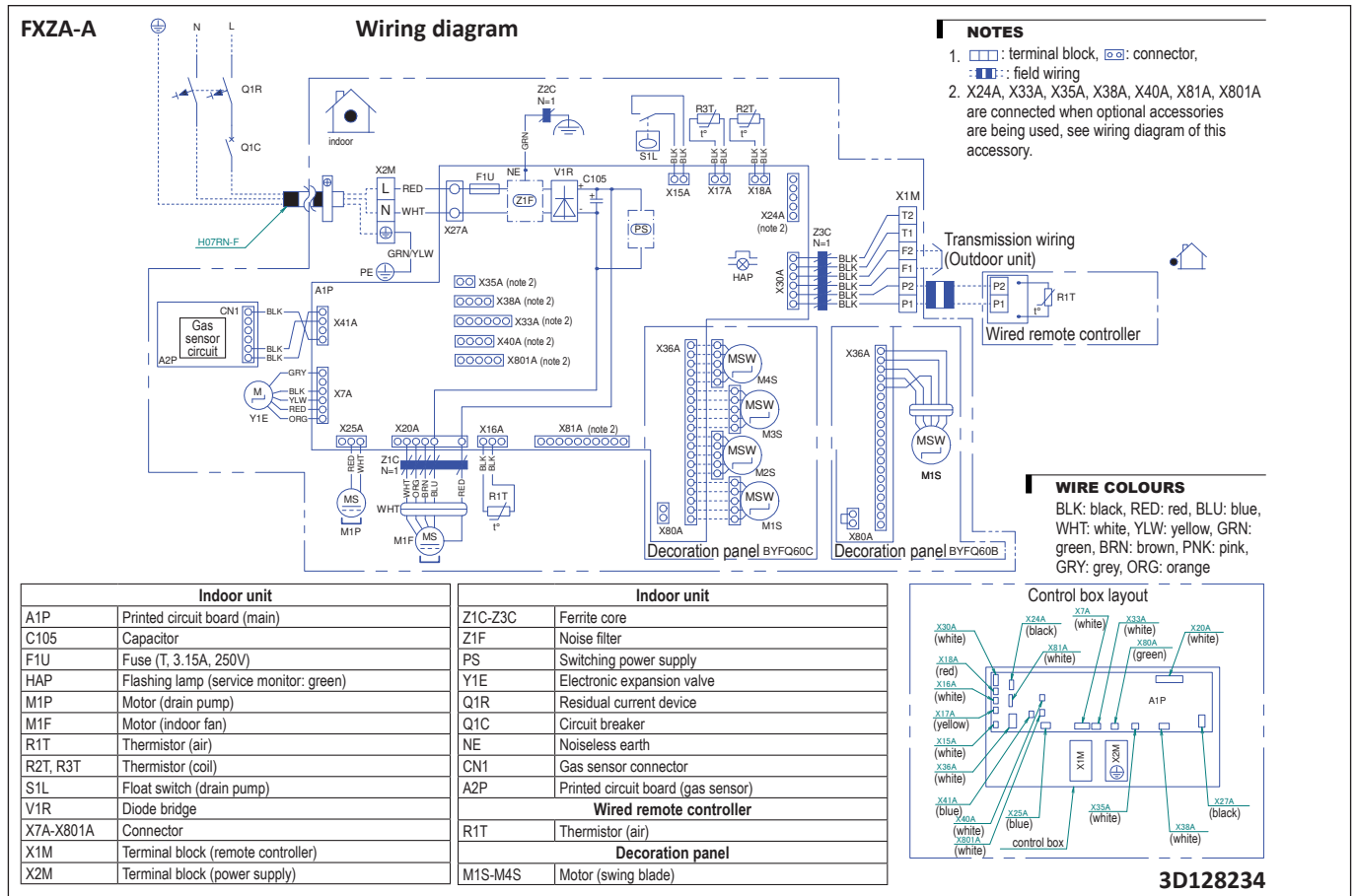


Model	A	B
FXZA15A2VEB	6.35	9.52
FXZA20A2VEB		
FXZA25A2VEB		12.7
FXZA32A2VEB		
FXZA40A2VEB	12.7	12.7
FXZA50A2VEB		

4D126217

9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase



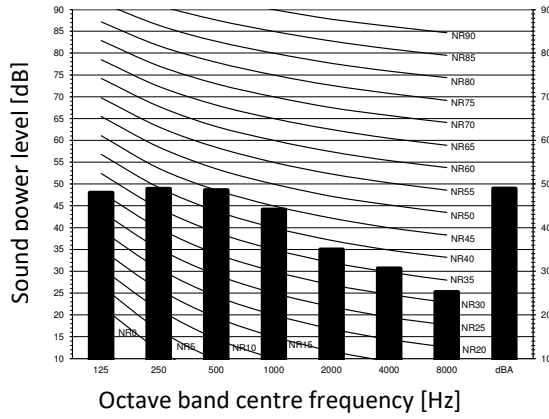
10 Sound data

10 - 1 Sound Power Spectrum

FXZA15-20A

10

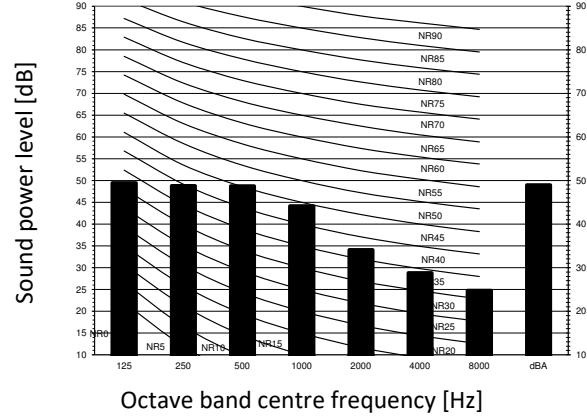
Cooling mode



Fan speed



Heating mode



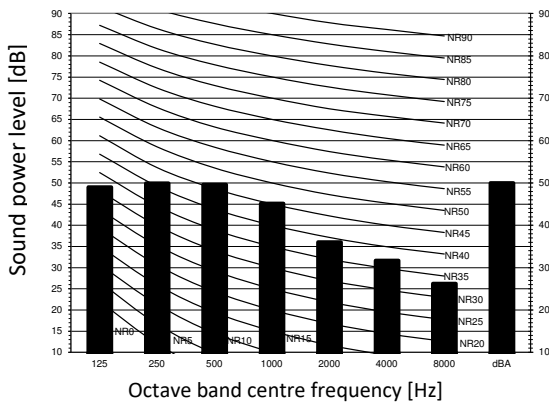
Notes

1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic power 0 dB = $\cdot 10E-6 \mu W$
3. Measured according to ISO 3744

3D131799

FXZA25A

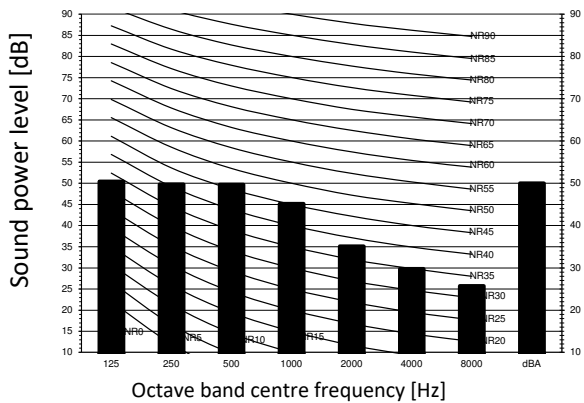
Cooling mode



Fan speed



Heating mode



Notes

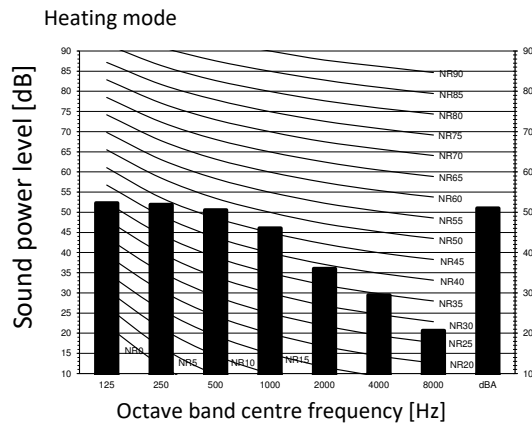
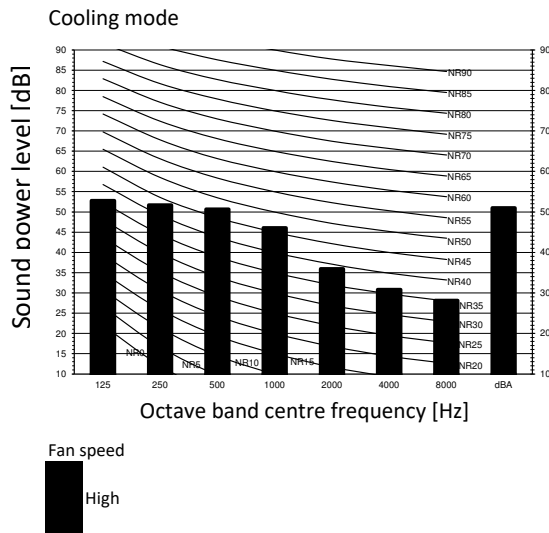
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic power 0 dB = $\cdot 10E-6 \mu W$
3. Measured according to ISO 3744

3D131800

10 Sound data

10 - 1 Sound Power Spectrum

FXZA32A

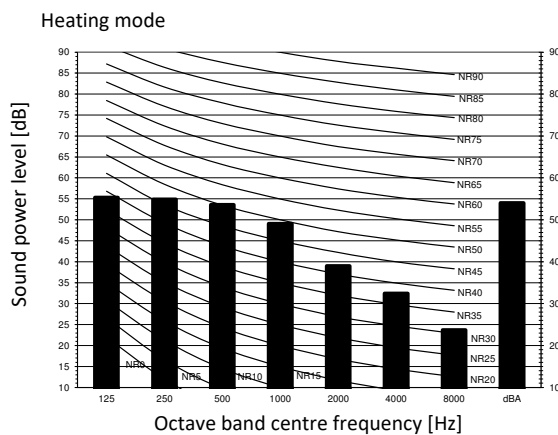
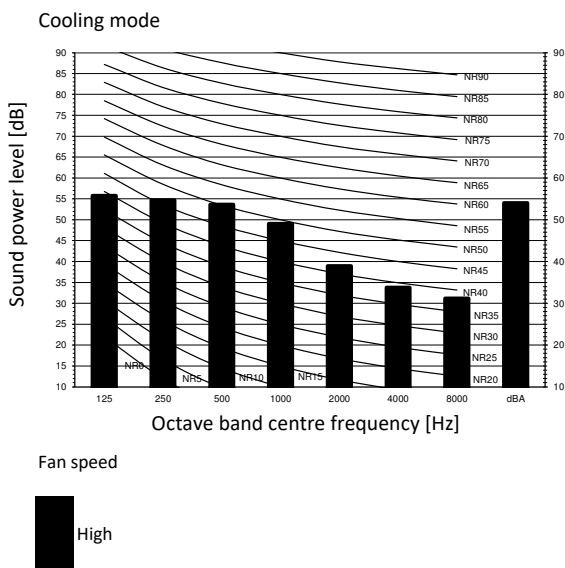


Notes

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

3D131805

FXZA40A



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

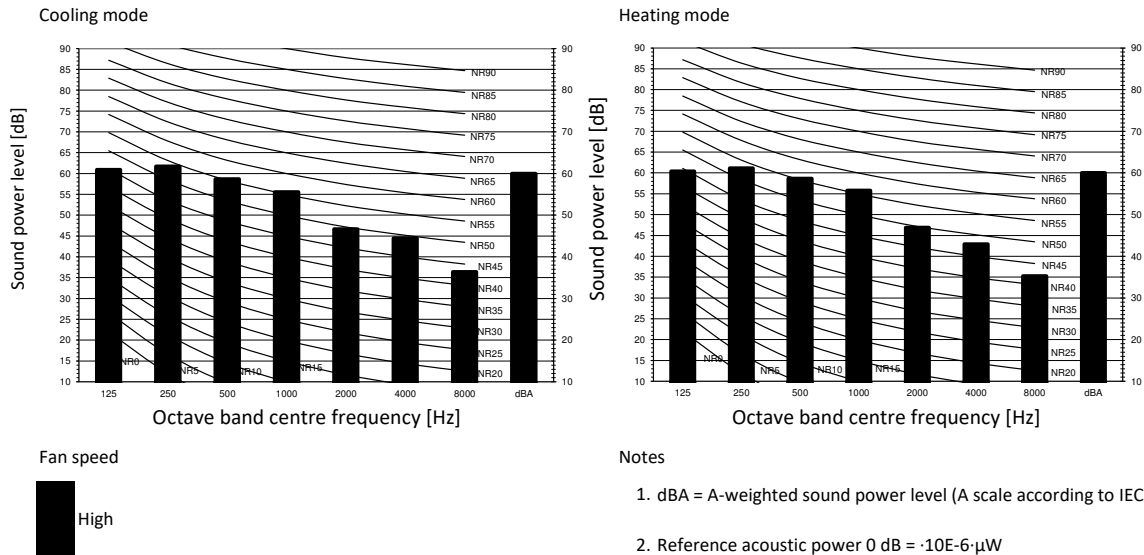
3D131806

10 Sound data

10 - 1 Sound Power Spectrum

FXZA50A

10



Notes

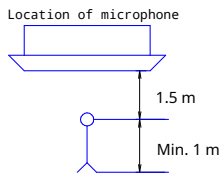
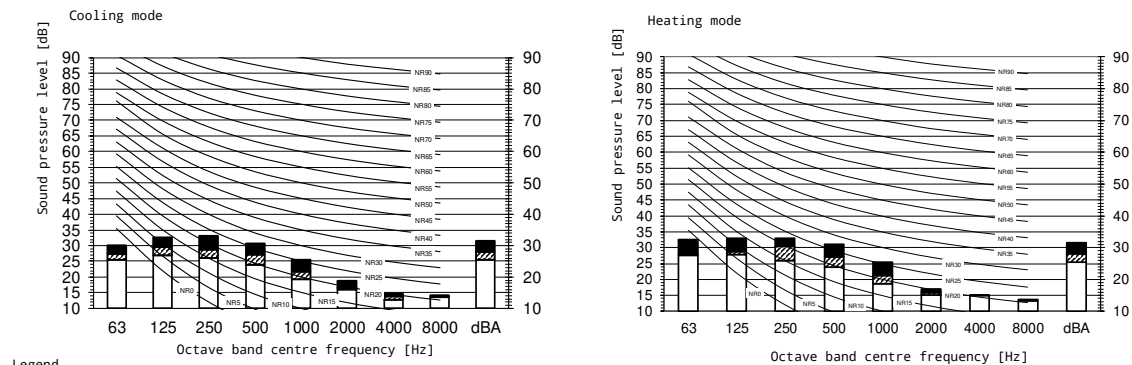
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic power 0 dB = 10^{-6} W
3. Measured according to ISO 3744

3D131808

10 Sound data

10 - 2 Sound Pressure Spectrum

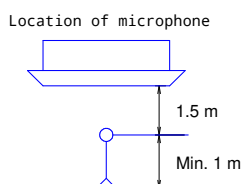
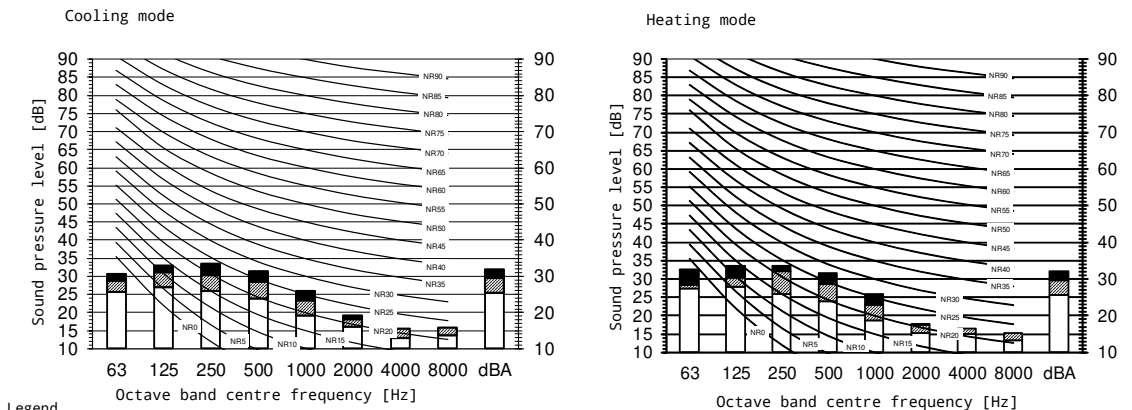
FXZA15A



- 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

3D129007

FXZA20A



- 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

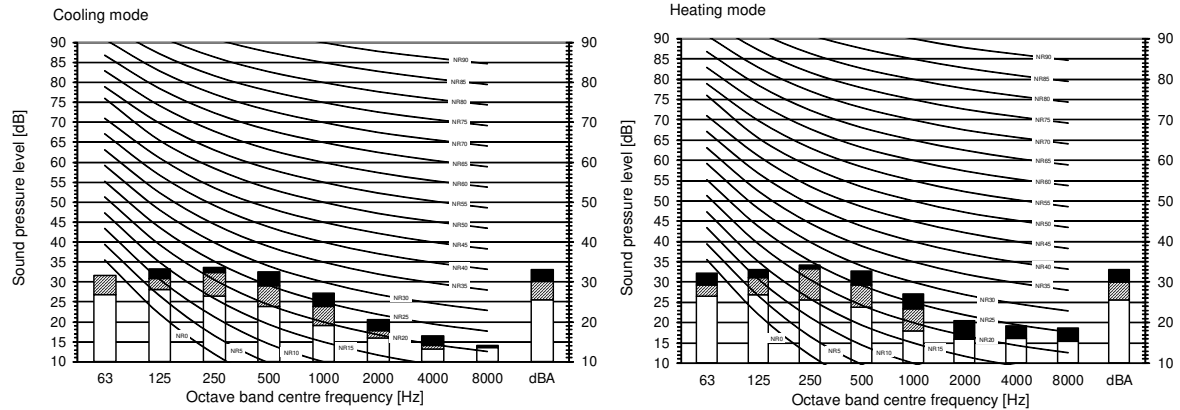
3D082566B

10 Sound data

10 - 2 Sound Pressure Spectrum

10

FXZA25A



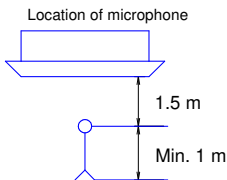
Legend

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

- A Scale
B High
C Medium
D Low

Cooling	Total dBA			
A	B	C	D	
dBA	33.0	30.0	25.5	

Heating	Total dBA			
A	B	C	D	
dBA	33.0	30.0	25.5	

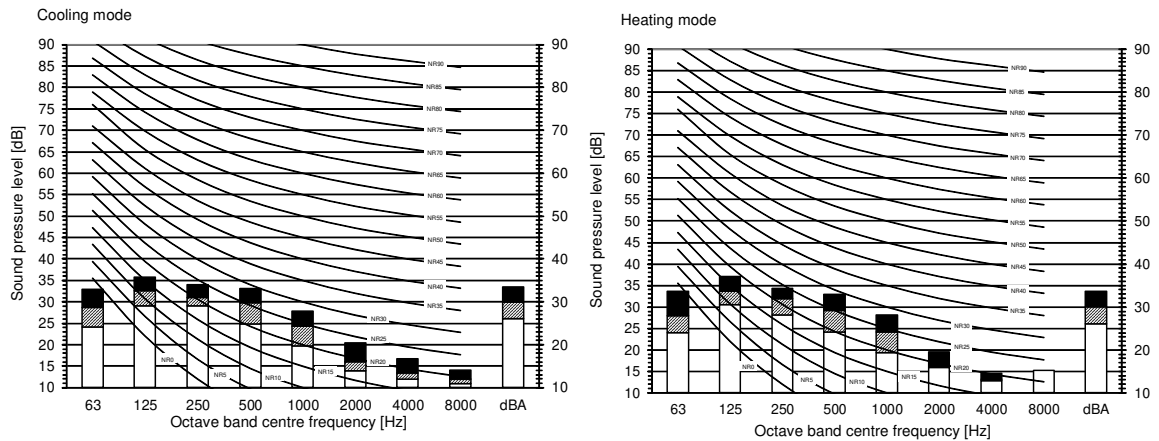


Notes

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

3D082567B

FXZA32A



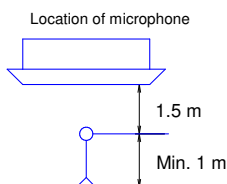
Legend

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

- A Scale
B High
C Medium
D Low

Cooling	Total dBA			
A	B	C	D	
dBA	33.5	30.0	26.0	

Heating	Total dBA			
A	B	C	D	
dBA	33.5	30.0	26.0	



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

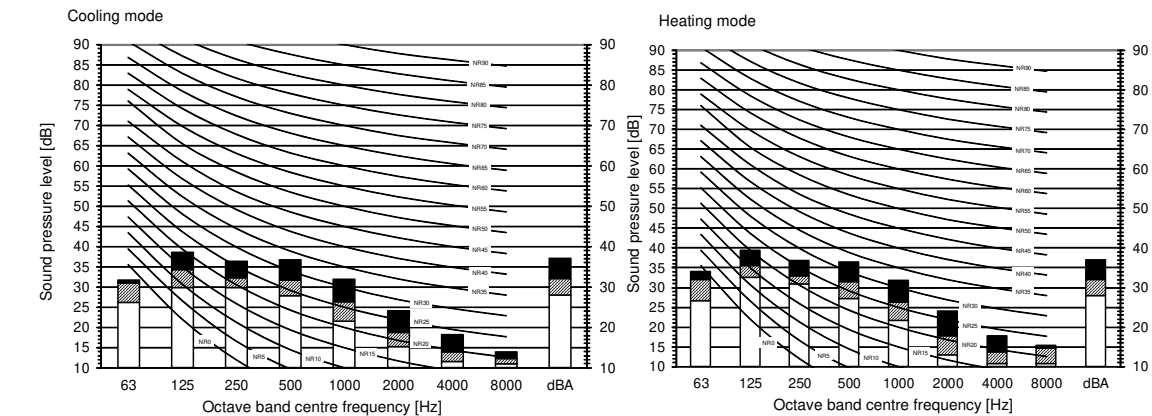
3D082568B

10 Sound data

10 - 2 Sound Pressure Spectrum

10

FXZA40A

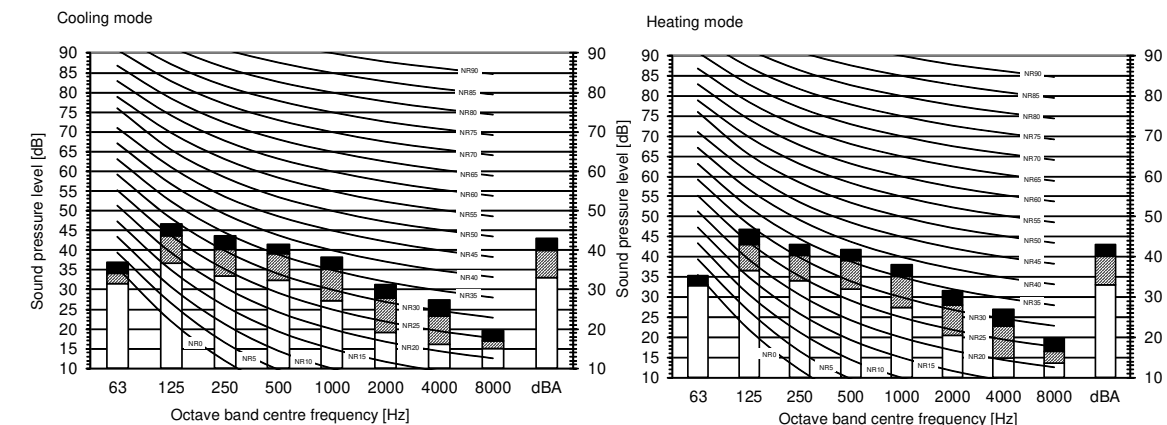


Notes

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

3D082569B

FXZA50A



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

3D082570B

11 Air flow patterns

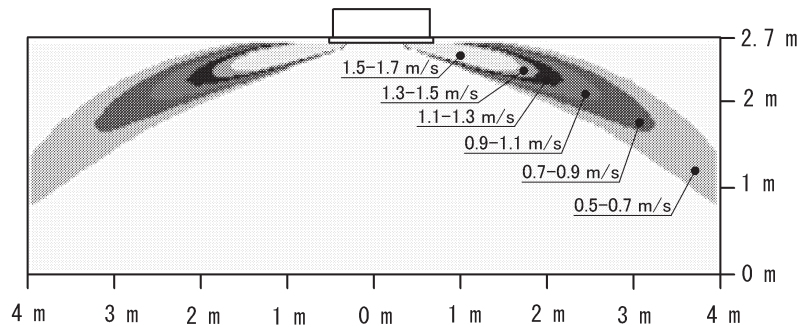
11 - 1 Air Flow Pattern - Cooling

11

FXZA15A

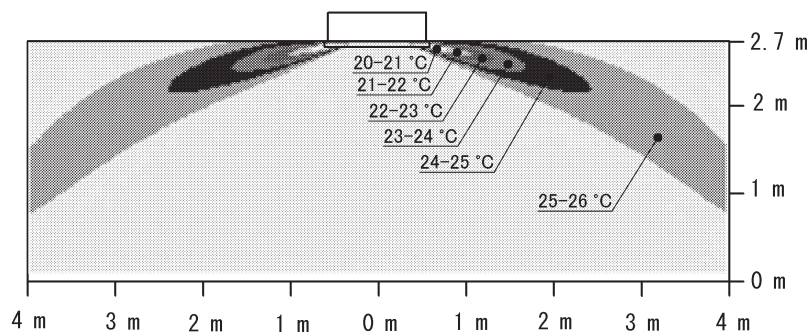
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal

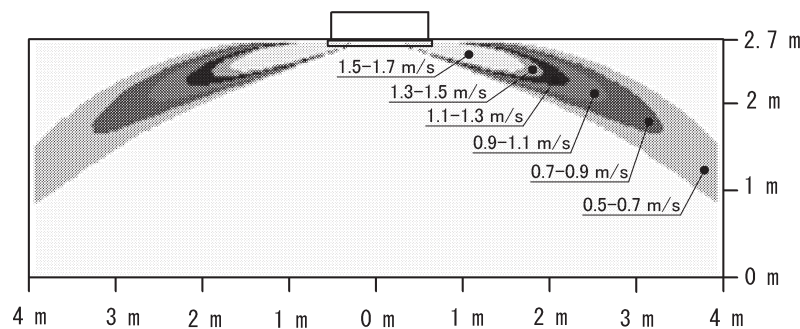


4D083823

FXZA20A

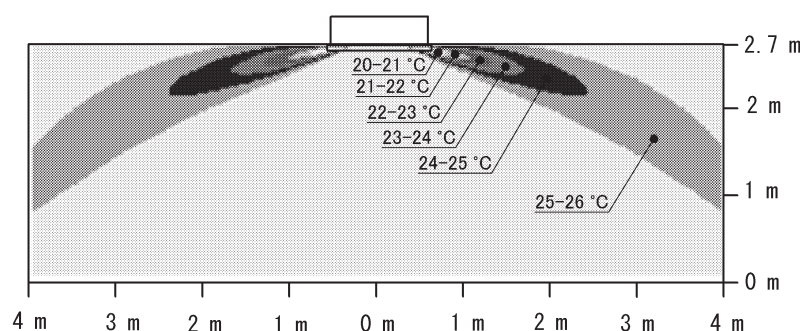
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D083824

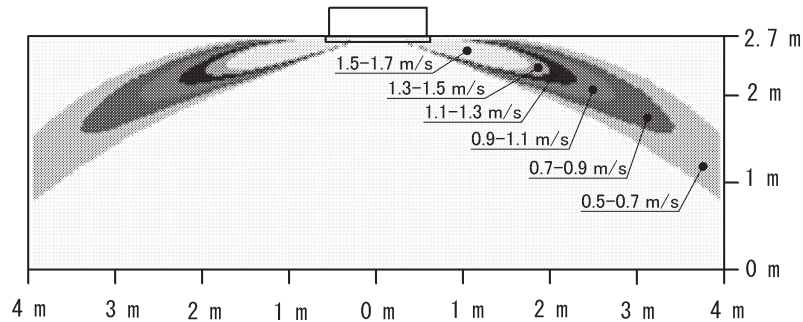
11 Air flow patterns

11 - 1 Air Flow Pattern - Cooling

FXZA25A

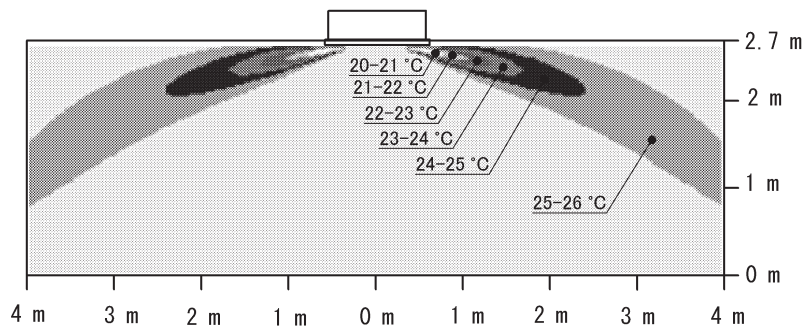
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal

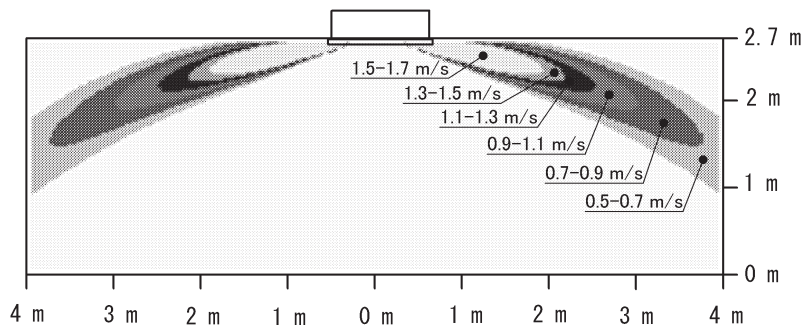


4D083825

FXZA32A

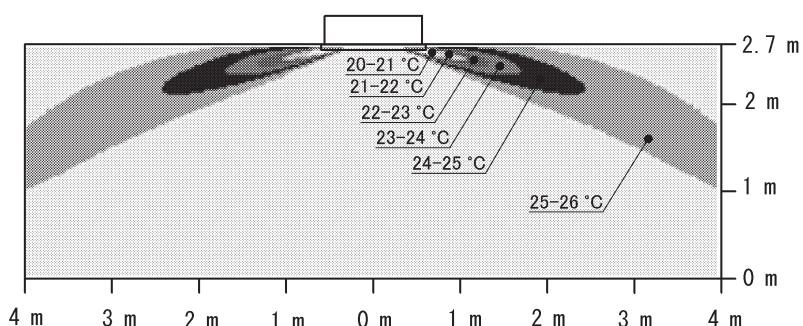
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D083826

11 Air flow patterns

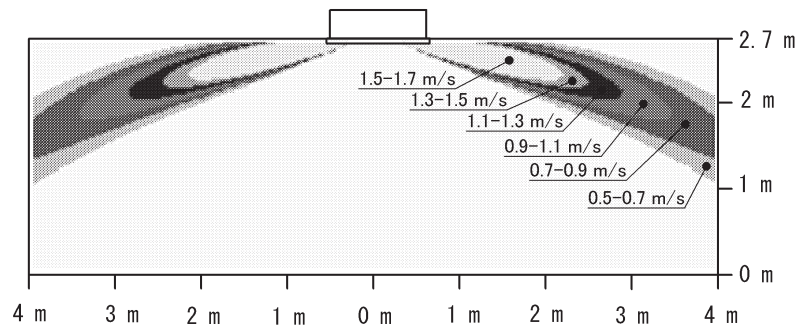
11 - 1 Air Flow Pattern - Cooling

11

FXZA40A

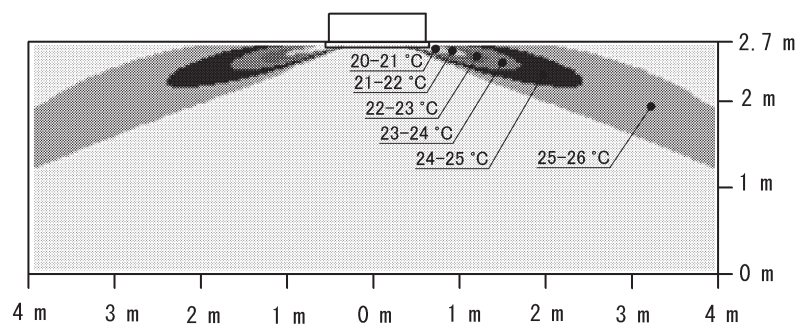
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal

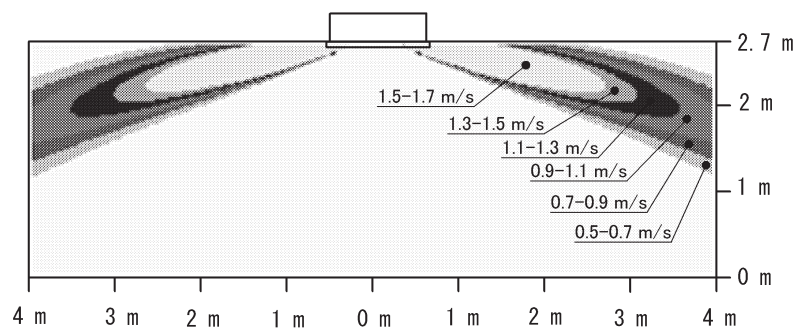


4D083827

FXZA50A

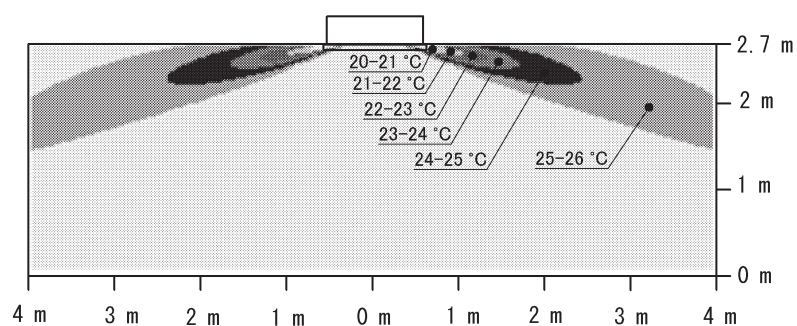
Cooling air velocity distribution

All round air discharge, air flow direction: horizontal



Cooling air temperature distribution

All round air discharge, air flow direction: horizontal



4D083828

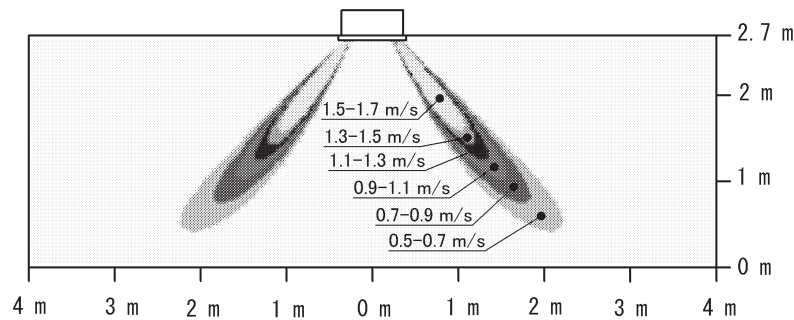
11 Air flow patterns

11 - 2 Air Flow Pattern - Heating

FXZA15A

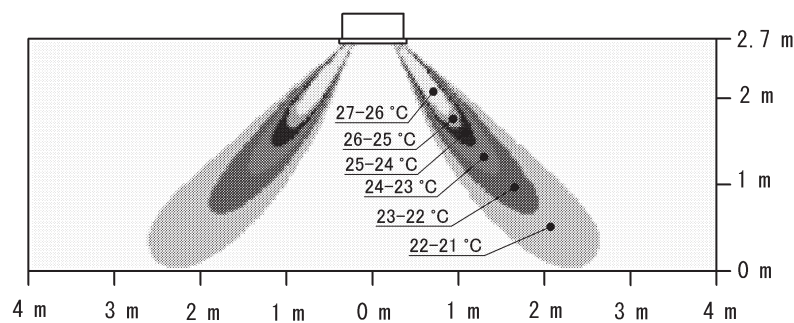
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal

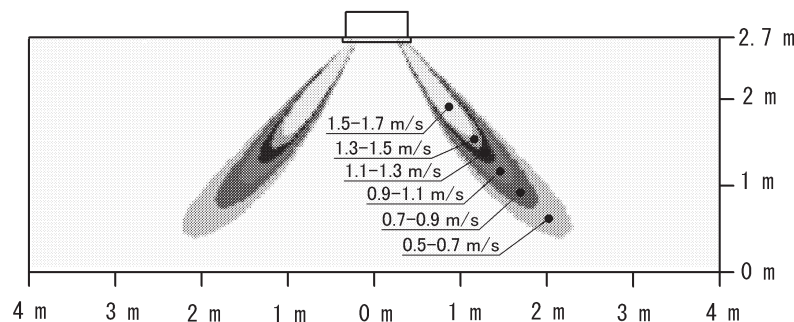


4D083833

FXZA20A

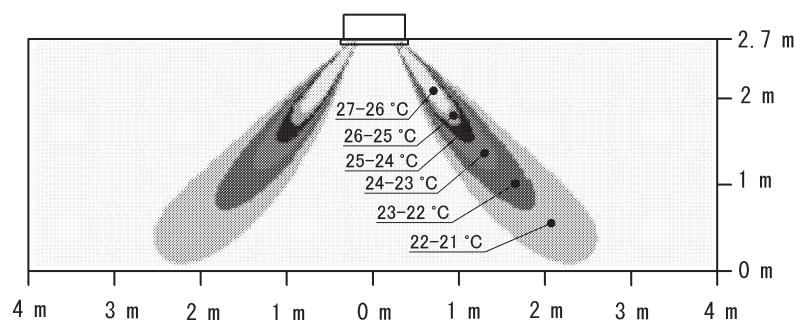
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D083834

11 Air flow patterns

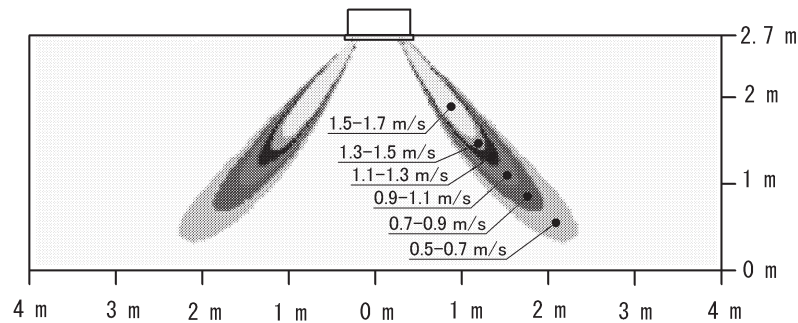
11 - 2 Air Flow Pattern - Heating

11

FXZA25A

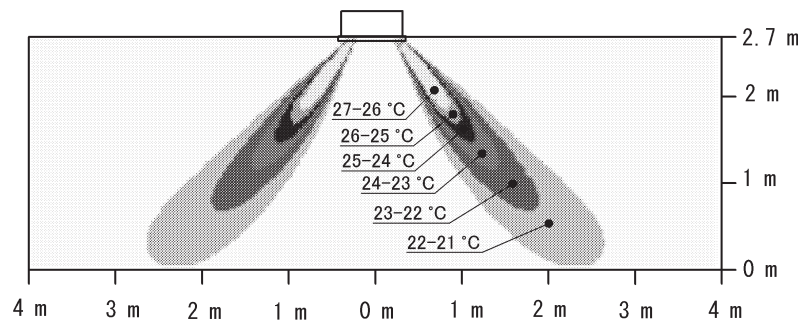
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal

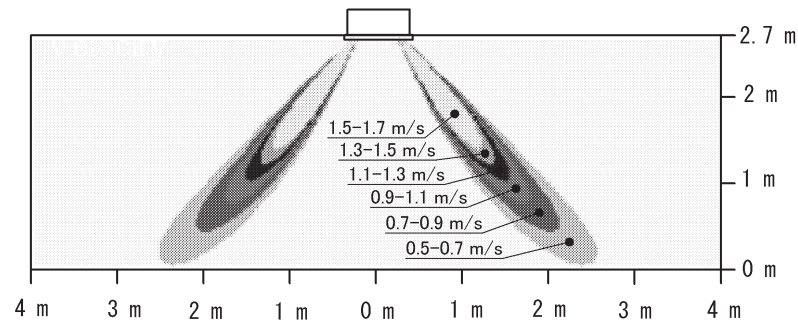


4D083835

FXZA32A

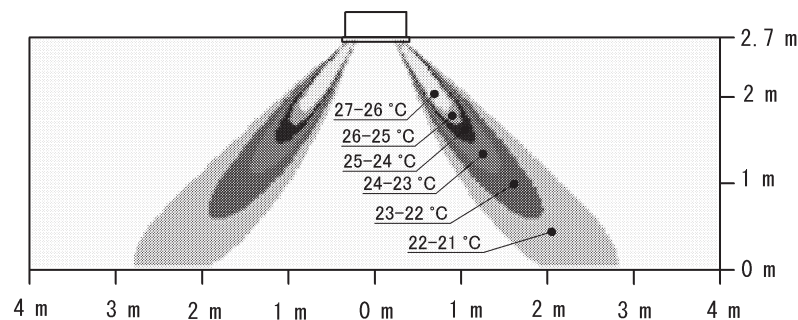
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D083836

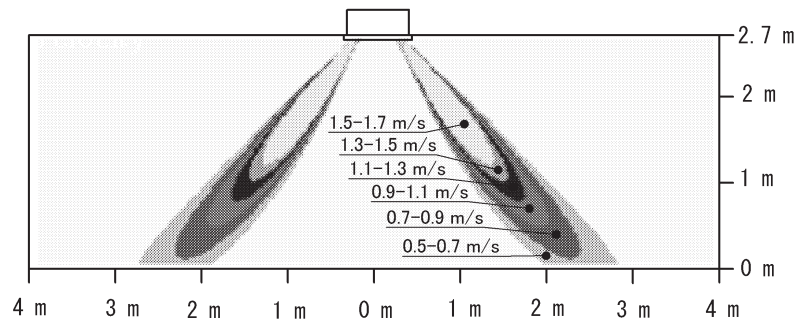
11 Air flow patterns

11 - 2 Air Flow Pattern - Heating

FXZA40A

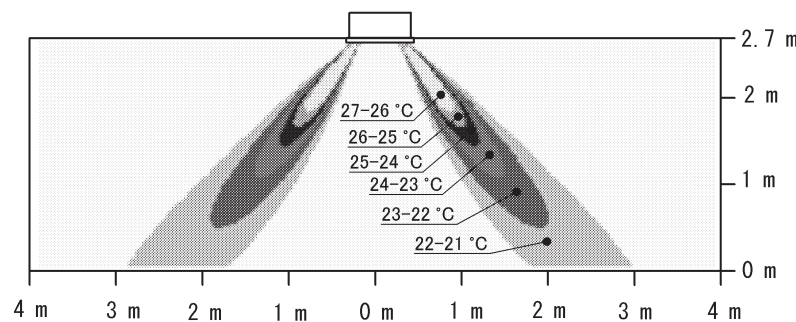
Heating air velocity distribution

All round air discharge, air flow direction: horizontal



Heating air temperature distribution

All round air discharge, air flow direction: horizontal

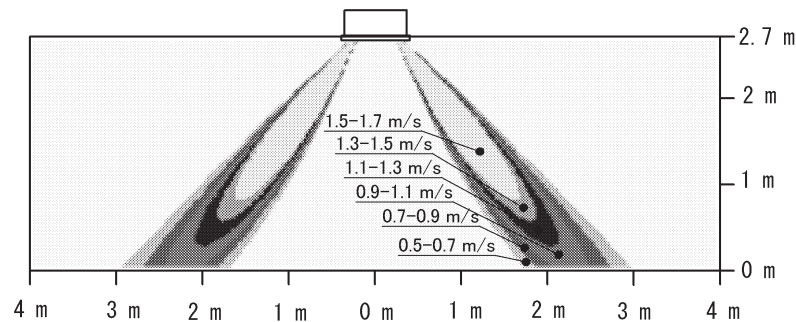


4D083837

FXZA50A

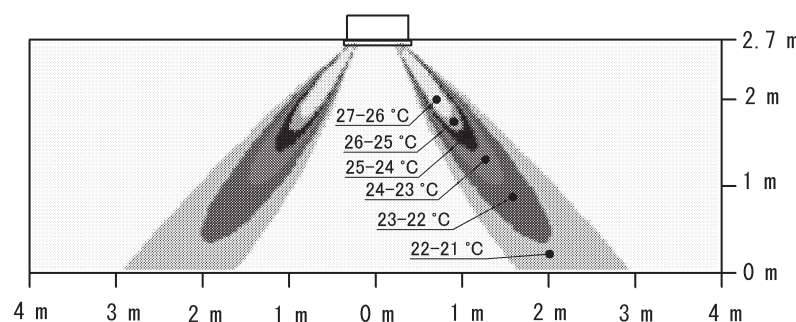
Heating air velocity distribution

All round air discharge, air flow direction: horizontal

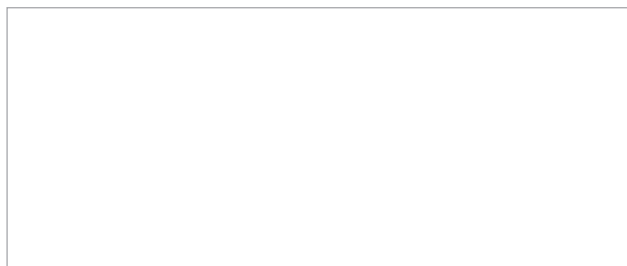


Heating air temperature distribution

All round air discharge, air flow direction: horizontal



4D083838



EEDEN22B

07/2022



The present leaflet is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this leaflet to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this leaflet. All content is copyrighted by Daikin Europe N.V.