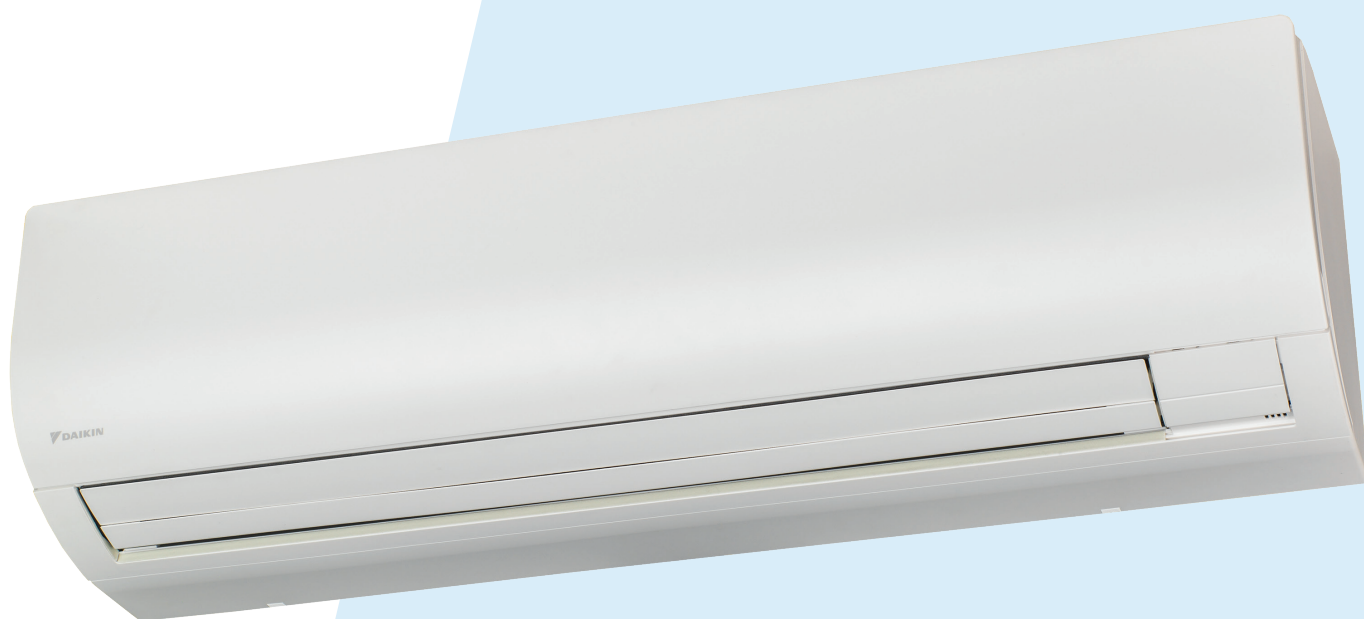


Wall mounted unit

Air Conditioning Technical Data

FXAA-A



FXAA15AUV1B
FXAA20AUV1B
FXAA25AUV1B
FXAA32AUV1B
FXAA40AUV1B
FXAA50AUV1B
FXAA63AUV1B

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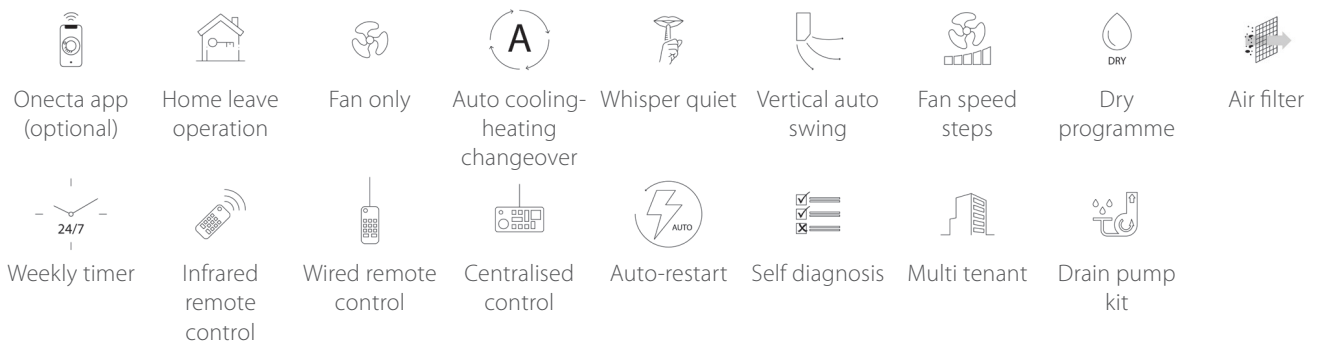
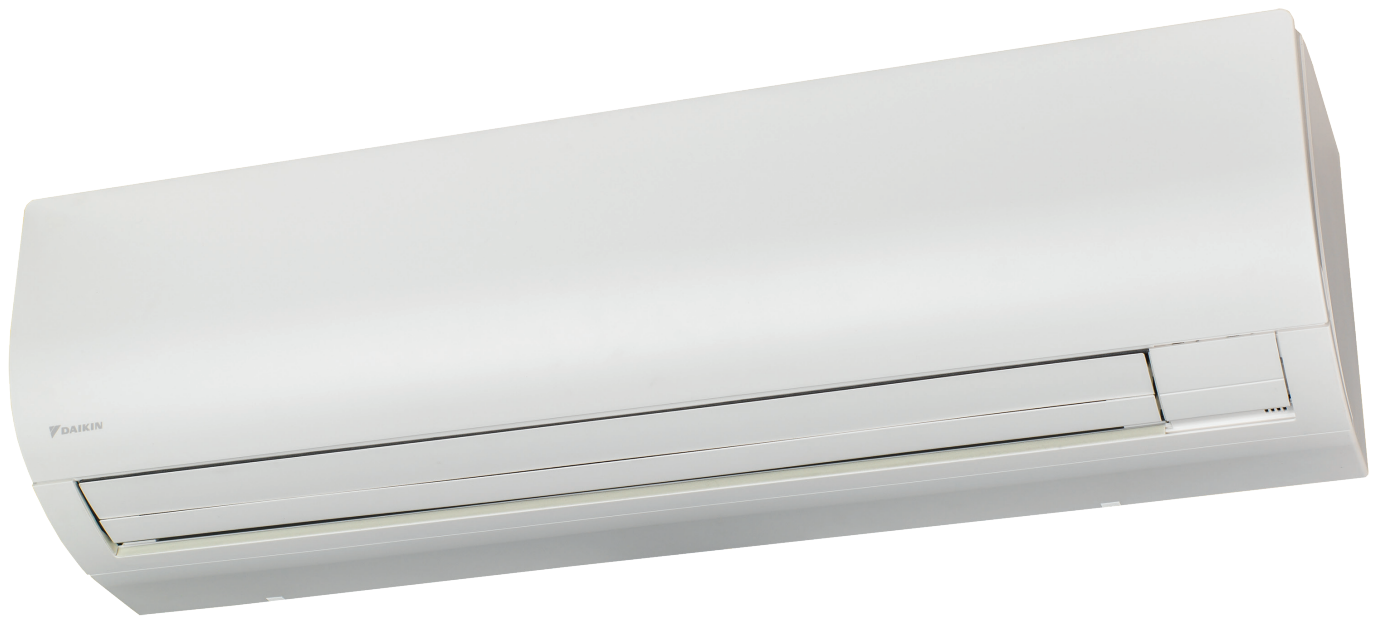
FXAA-A

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1 Features

1 - 1 FXAA-A

- › Optimised design for R-32 refrigerant
- › Flat, stylish front panel blends easily within any interior décor and is easier to clean
- › Can easily be installed in both new and refurbishment projects
- › The air is comfortably spread up- and downwards thanks to 5 different discharge angles that can be programmed via the remote control
- › Maintenance operations can be performed easily from the front of the unit
- › 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms, small offices, etc.
- › Reduced energy consumption thanks to specially developed DC fan motor



2 Specifications

2 - 1 Specifications

Technical specifications				FXAA15A	FXAA20A	FXAA25A	FXAA32A	FXAA40A	FXAA50A	
Cooling capacity	Sensible capacity	At high fan speed	kW	1.2	1.5	1.9	2.5	3.1	3.9	
		At medium fan speed	kW	1.0	1.3	1.7	2.2	2.7	3.3	
		At low fan speed	kW	1.0	1.2	1.5	1.9	2.3	2.8	
	Latent capacity	At high fan speed	kW	0.5	0.7	0.9	1.1	1.4	1.7	
		At medium fan speed	kW	0.5	0.6	0.8	0.9	1.2	1.4	
		At low fan speed	kW	0.4	0.5	0.7	0.8	1.1	1.2	
	Total capacity	At high fan speed	kW	1.7	2.2	2.8	3.6	4.5	5.6	
		At medium fan speed	kW	1.5	1.9	2.5	3.1	3.9	4.7	
		At low fan speed	kW	1.4	1.7	2.2	2.7	3.4	4.0	
Heating capacity	Total capacity	At high fan speed	kW	1.9	2.5	3.2	4.0	5.0	6.3	
		At medium fan speed	kW	1.6	2.1	2.7	3.4	4.2	5.1	
		At low fan speed	kW	1.5	1.8	2.3	2.9	3.6	4.1	
Power input - 50Hz	Cooling	At high fan speed	kW	0.017	0.019	0.028	0.030	0.025	0.033	
		At medium fan speed	kW	0.017		0.024	0.023	0.021	0.026	
		At low fan speed	kW	0.016	0.015	0.020	0.017	0.018	0.020	
	Heating	At high fan speed	kW	0.025	0.029	0.034	0.035	0.030	0.039	
		At medium fan speed	kW	0.022	0.024	0.027	0.025		0.031	
		At low fan speed	kW	0.020			0.021	0.018	0.021	0.024
Dimensions	Unit	Height	mm	290						
		Width	mm	795				1,050		
		Depth	mm	266				269		
	Packed unit	Height	mm	368						
		Width	mm	863				1,138		
		Depth	mm	380						
Weight	Unit	kg	12				15			
	Packed unit	kg	15				18.5			
Casing	Colour	White								
Heat exchanger	Inside length		mm	613				863		
	Rows	Quantity	2							
	Fin pitch		mm	1.4						
	Face area		m²	0.161				0.235		
	Stages	Quantity	14							
	Tube type		ø7 Hi-XSL							
	Fin	Type	Multi louver fin							
Fan	Type	Cross flow fan								
	Quantity	1								
Fan	Air flow rate - 50Hz	Cooling	At high fan speed	m³/min	7.1	7.9	8.3	9.4	12.2	14.2
			At medium fan speed	m³/min	6.8	7.2	7.4	8.0	11.0	12.6
			At low fan speed	m³/min	6.5				9.8	10.9
		Heating	At high fan speed	m³/min	7.8	8.6	9.0	9.9	12.2	15.2
			At medium fan speed	m³/min	7.1	7.5	7.7	8.2	11.0	13.7
			At low fan speed	m³/min	6.5				9.8	12.1
	Air flow rate - 60Hz	Cooling	At high fan speed	cfm	251	279	293	332	431	501
			At medium fan speed	cfm	240	254	261	283	388	445
			At low fan speed	cfm	230				346	385
		Heating	At high fan speed	cfm	274	303	317	349	432	537
			At medium fan speed	cfm	252	266	273	290	389	482
			At low fan speed	cfm	230				346	427
Sound power level	Cooling	At high fan speed	dBA	51.0	52.0	53.0	55.0		58.0	
Sound pressure level	Cooling	At high fan speed	dBA	32.0	33.0	35.0	37.5	37.0	41.0	
		At medium fan speed	dBA	30.5	31.0	32.0	33.0	35.5	38.5	
		At low fan speed	dBA	28.5				33.5	35.5	
		At high fan speed	dBA	33.0	34.0	36.0	38.5	38.0	42.0	
	Heating	At medium fan speed	dBA	31.0	31.5	32.5	33.5	36.0	39.0	
		At low fan speed	dBA	28.5				33.5	35.5	
Fan motor	Quantity	1								
Refrigerant	Type	R-32								
	GWP	675								
Piping connections	Liquid	Type	Flare connection							
		OD	mm	6						
	Gas	Type	Flare connection							
		OD	mm	9.52				12.7		
	Drain	VP13 (I.D. 15/O.D. 18)								
	Heat insulation	Both liquid and gas pipes								
Air filter	Type	Removable / washable								
Safety devices	Item	01	PC board fuse							
Control systems	Infrared remote control		BRC7EA630							
	Wired remote control		BRC1HS2W/S/K							

2 Specifications

2 - 1 Specifications

Technical specifications					FXAA63A
Cooling capacity	Sensible capacity	At high fan speed	kW	5.1	
		At medium fan speed	kW	4.2	
		At low fan speed	kW	3.4	
	Latent capacity	At high fan speed	kW	2.0	
		At medium fan speed	kW	1.6	
		At low fan speed	kW	1.3	
	Total capacity	At high fan speed	kW	7.1	
		At medium fan speed	kW	5.8	
		At low fan speed	kW	4.7	
Heating capacity	Total capacity	At high fan speed	kW	8.0	
		At medium fan speed	kW	6.3	
		At low fan speed	kW	5.0	
Power input - 50Hz	Cooling	At high fan speed	kW	0.050	
		At medium fan speed	kW	0.035	
		At low fan speed	kW	0.023	
	Heating	At high fan speed	kW	0.060	
		At medium fan speed	kW	0.044	
		At low fan speed	kW	0.031	
Dimensions	Unit	Height	mm	290	
		Width	mm	1,050	
		Depth	mm	269	
	Packed unit	Height	mm	368	
		Width	mm	1,138	
		Depth	mm	380	
Weight	Unit	kg	15		
	Packed unit	kg	18.5		
Casing	Colour			White	
Heat exchanger	Inside length		mm	863	
	Rows	Quantity		2	
	Fin pitch		mm	1.4	
	Face area		m²	0.235	
	Stages	Quantity		14	
	Tube type			ø7 Hi-XSL	
	Fin	Type		Multi louver fin	
Fan	Type			Cross flow fan	
	Quantity			1	
Fan	Air flow rate - 50Hz	Cooling	At high fan speed	m³/min	18.2
			At medium fan speed	m³/min	15.5
			At low fan speed	m³/min	12.9
		Heating	At high fan speed	m³/min	18.7
			At medium fan speed	m³/min	16.4
			At low fan speed	m³/min	14.1
	Air flow rate - 60Hz	Cooling	At high fan speed	cfm	643
			At medium fan speed	cfm	547
			At low fan speed	cfm	456
		Heating	At high fan speed	cfm	661
			At medium fan speed	cfm	579
			At low fan speed	cfm	497
Sound power level	Cooling	At high fan speed	dBA	63.0	
Sound pressure level	Cooling	At high fan speed	dBA	46.5	
		At medium fan speed	dBA	42.5	
		At low fan speed	dBA	38.5	
		At high fan speed	dBA	47.0	
	Heating	At medium fan speed	dBA	43.0	
		At low fan speed	dBA	38.5	
Fan motor	Quantity			1	
Refrigerant	Type			R-32	
	GWP			675	
Piping connections	Liquid	Type		Flare connection	
		OD	mm	6	
	Gas	Type		Flare connection	
		OD	mm	12.7	
	Drain			VP13 (I.D. 15/O.D. 18)	
Heat insulation			Both liquid and gas pipes		
Air filter	Type			Removable / washable	
Safety devices	Item	01		PC board fuse	
Control systems	Infrared remote control			BRC7EA630	
	Wired remote control			BRC1HS2W/S/K	

Standard accessories: Installation plate;Quantity: 1;

Standard accessories: General safety precautions;Quantity: 1;

Standard accessories: Wire clamp material;Quantity: 4;

Standard accessories: Heat insulating tape;Quantity: 1;

2 Specifications

2 - 1 Specifications

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

Standard accessories: Installation pattern;Quantity: 1;

Standard accessories: Screw bag;Quantity: 1;

Electrical specifications			FXAA15A	FXAA20A	FXAA25A	FXAA32A	FXAA40A	FXAA50A
Power supply	Name		V1					
	Phase		1~					
	Frequency	Hz	50					
	Voltage	V	220-240					
Current - 50Hz	Minimum circuit amps (MCA)	A	0.3		0.4			0.5
	Maximum fuse amps (MFA)	A	6					
	Full load amps (FLA)	Total	A	0.2		0.3		0.4

Electrical specifications				FXAA63A					
Power supply	Name			V1					
	Phase			1~					
	Frequency	Hz		50					
	Voltage	V		220-240					
Current - 50Hz	Minimum circuit amps (MCA)	A		0.6					
	Maximum fuse amps (MFA)	A		6					
	Full load amps (FLA)	Total	A	0.5					

(1)Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB |

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

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

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

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

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

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

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

(9)Contains fluorinated greenhouse gases

3 Safety device settings

3 - 1 Safety Device Settings

FXAA-A

Model	Safety devices	Specifications
FXAA15AUV1B FXAA20AUV1B FXAA25AUV1B FXAA32AUV1B FXAA40AUV1B FXAA50AUV1B FXAA63AUV1B	PCB fuse	250V, 3.15A

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4 Options

4 - 1 Options

FXAA-A

	Product name	Availability
		FXAA15-63AUV1B
Wireless remote control	BRCTEA630 ①	✓
WLAN adaptor for smartphones	BRP069C51 ①	✓
Wired remote control	BRCH52/R2W7/S7/K7 ⑨	✓
Intelligent Tablet Controller	DCC601A51 ①	✓
Intelligent touch controller	DCS601C51 ①/⑦	✓
Central remote control	DCS302CA51 ①/⑥/⑩	✓
	DCS302CA61 ①/⑥/⑧	✓
Unified ON/OFF controller	DCS301BA51 ①/⑤/⑩	✓
	DCS301BA61 ①/⑤/⑧	✓
Intelligent Touch Manager	DCM601B51 ①	✓
External wired temperature sensor	KRCS01-6B	✓
Wire harness for external wireless temperature sensor	EKEWTSC-1 ③	✓
Adapter with -2- output signals	ERP02A50 ②	✓
Adapter with -4- output signals	EKR1C14 ②	✓
Adapter for centralised external monitoring/ control via dry contacts and setpoint control via 0~140 °C (for dedicated indoors)	KRP4AA51 ②	✓
Adapter for external central monitoring/control (controls 1 entire system)	KRP2A516 ②	✓
Adapter for keycard and/or window contact connection	BRP7A51 ①/②	✓
Adaptor for multi-tenant applications	DTA114A61-9 ②/④	✓
External adaptor for outdoor unit (installation on indoor unit)	DTA104A53 ②/⑩	✓
Installation box for adaptor PCB	KRP4B93	✓
Electrical box with earth terminal (-2- blocks)	KJB212AA	✓
Electrical box with earth terminal (-3- blocks)	KJB311AA	✓
Electrical box with earth terminal (-4- blocks)	KJB411A	✓
Optional output PCB	ERP01A51 ②	✓
Drain pump kit	K-KDUS72KVE	✓

Notes

- ① Only possible in combination with remote control -BRCH52/82-.
- ② Requires installation box for adaptor PCB -KRP4B93-.
- ③ -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.
- ④ This option cannot be combined with -RXYS44/5/6A7V1B- or -RXYS44/5/6A7Y1B-.
- ⑤ Requires installation box -KJB212AA-.
- ⑥ Requires installation box -KJB311AA-.
- ⑦ Requires installation box -KJB411A-.
- ⑧ Language pack -English-.
- ⑨ Mandatory option.
- ⑩ Language pack -English, German, French, Dutch, Spanish, Italian, Greek, Portuguese-.

3D131082G

5 Capacity tables

5 - 1 Cooling Capacity Tables

FXAA-A

5

Unit size	Fan speed	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]	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
15	H	0,9	0,8	1,2	1,0	1,5	1,1	1,7	1,2	1,9	1,2	2,3	1,3	2,7	1,4
	M	Correction factor ·0.88 × H·													
	L	Correction factor ·0.82 × H·													
20	H	1,2	1,0	1,6	1,2	2,0	1,5	2,2	1,5	2,4	1,6	2,9	1,7	3,5	1,9
	M	Correction factor ·0.86 × H·													
	L	Correction factor ·0.77 × H·													
25	H	1,5	1,3	2,0	1,6	2,5	1,9	2,8	1,9	3,1	2,0	3,7	2,2	4,4	2,4
	M	Correction factor ·0.89 × H·													
	L	Correction factor ·0.79 × H·													
32	H	1,9	1,7	2,6	2,0	3,2	2,4	3,6	2,5	4,0	2,6	4,8	2,9	5,7	3,1
	M	Correction factor ·0.86 × H·													
	L	Correction factor ·0.75 × H·													
40	H	2,4	2,1	3,2	2,5	4,0	3,0	4,5	3,1	5,0	3,2	6,0	3,5	7,1	3,8
	M	Correction factor ·0.87 × H·													
	L	Correction factor ·0.76 × H·													
50	H	3,0	2,6	4,0	3,2	5,0	3,7	5,6	3,9	6,2	4,1	7,5	4,4	8,8	4,8
	M	Correction factor ·0.84 × H·													
	L	Correction factor ·0.71 × H·													
63	H	3,8	3,4	5,1	4,1	6,4	4,9	7,1	5,1	7,8	5,4	9,4	5,8	11,0	6,2
	M	Correction factor ·0.82 × H·													
	L	Correction factor ·0.66 × H·													

Notes

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

3D132172

5 Capacity tables

5 - 2 Heating Capacity Tables

FXAA-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 · 0.79 × H·					
20	H	2,9	2,7	2,5	2,4	2,3	2,1
	M	Correction factor · 0.84 × H·					
	L	Correction factor · 0.72 × H·					
25	H	3,8	3,5	3,2	3,1	2,9	2,7
	M	Correction factor · 0.84 × H·					
	L	Correction factor · 0.72 × H·					
32	H	4,7	4,3	4,0	3,8	3,7	3,3
	M	Correction factor · 0.85 × H·					
	L	Correction factor · 0.73 × H·					
40	H	5,9	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	5,2
	M	Correction factor · 0.81 × H·					
	L	Correction factor · 0.65 × H·					
63	H	9,4	8,7	8,0	7,7	7,3	6,6
	M	Correction factor · 0.79 × H·					
	L	Correction factor · 0.63 × H·					

Notes

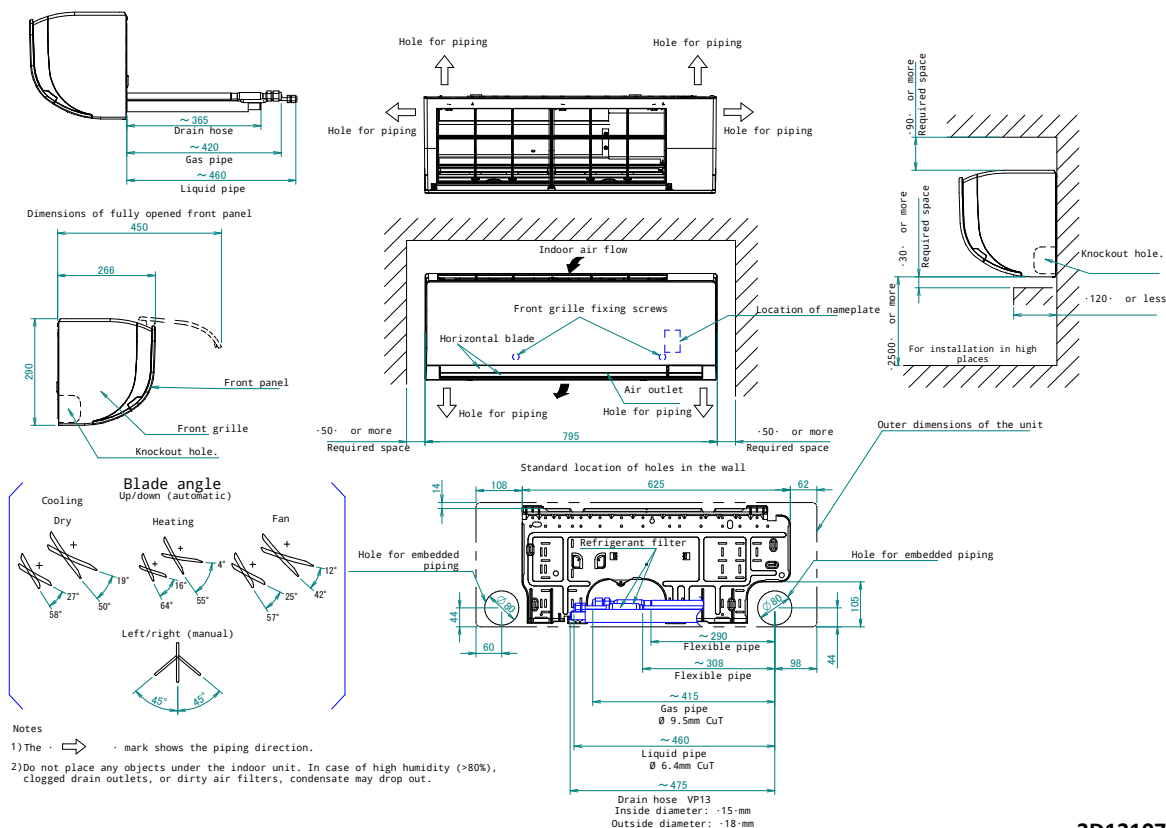
- 1) TC: Total capacity [kW]
- 2) Outdoor temperature · 7·°C DB / ·6·°C WB

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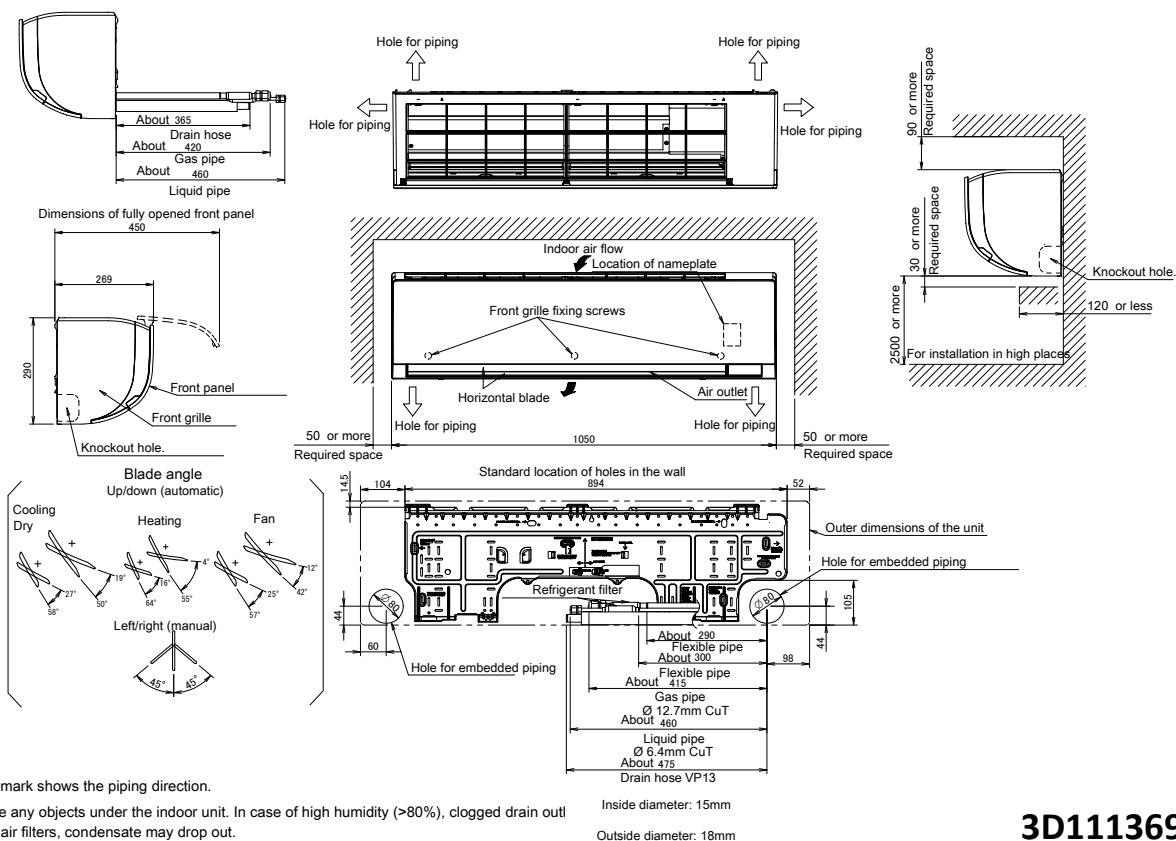
6 Dimensional drawings

6 - 1 Dimensional Drawings

FXAA15-32A



3D131071

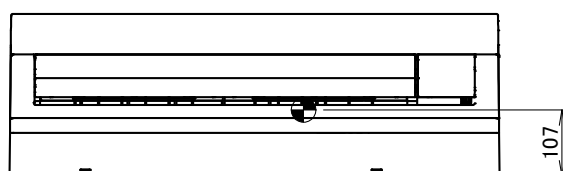
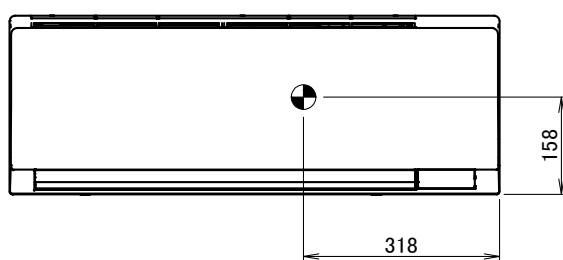
FXAA40-63A

3D111369

7 Centre of gravity

7 - 1 Centre of Gravity

FXAA15-32A



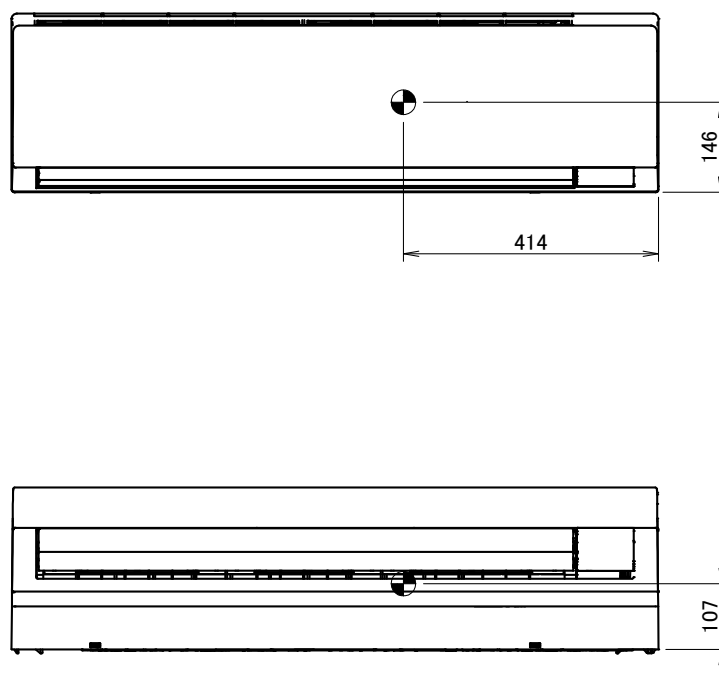
4D112526

7 Centre of gravity

7 - 1 Centre of Gravity

FXAA40-63A

7



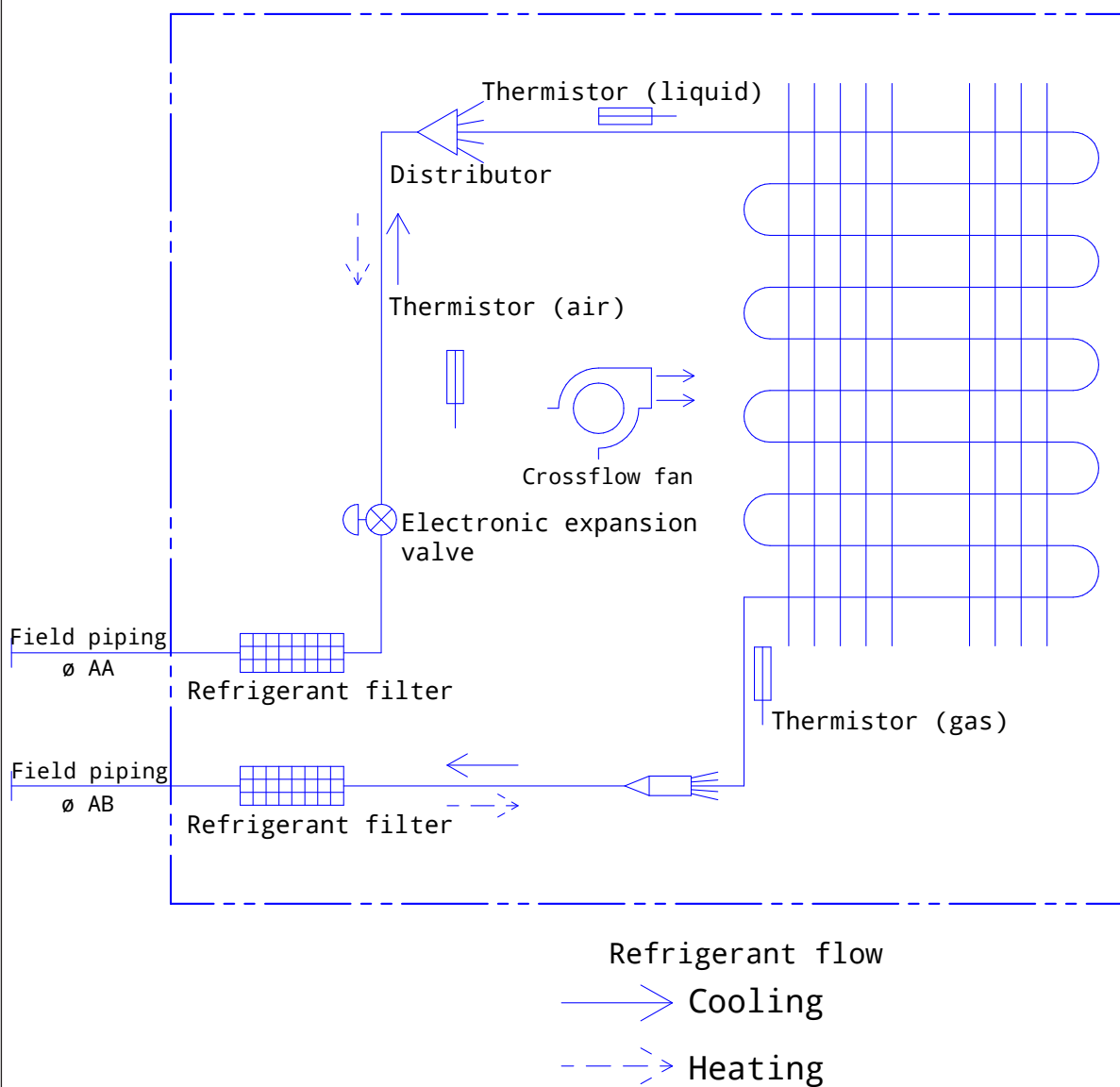
4D112525

8 Piping diagrams

8 - 1 Piping Diagrams

FXAA-A

Indoor unit

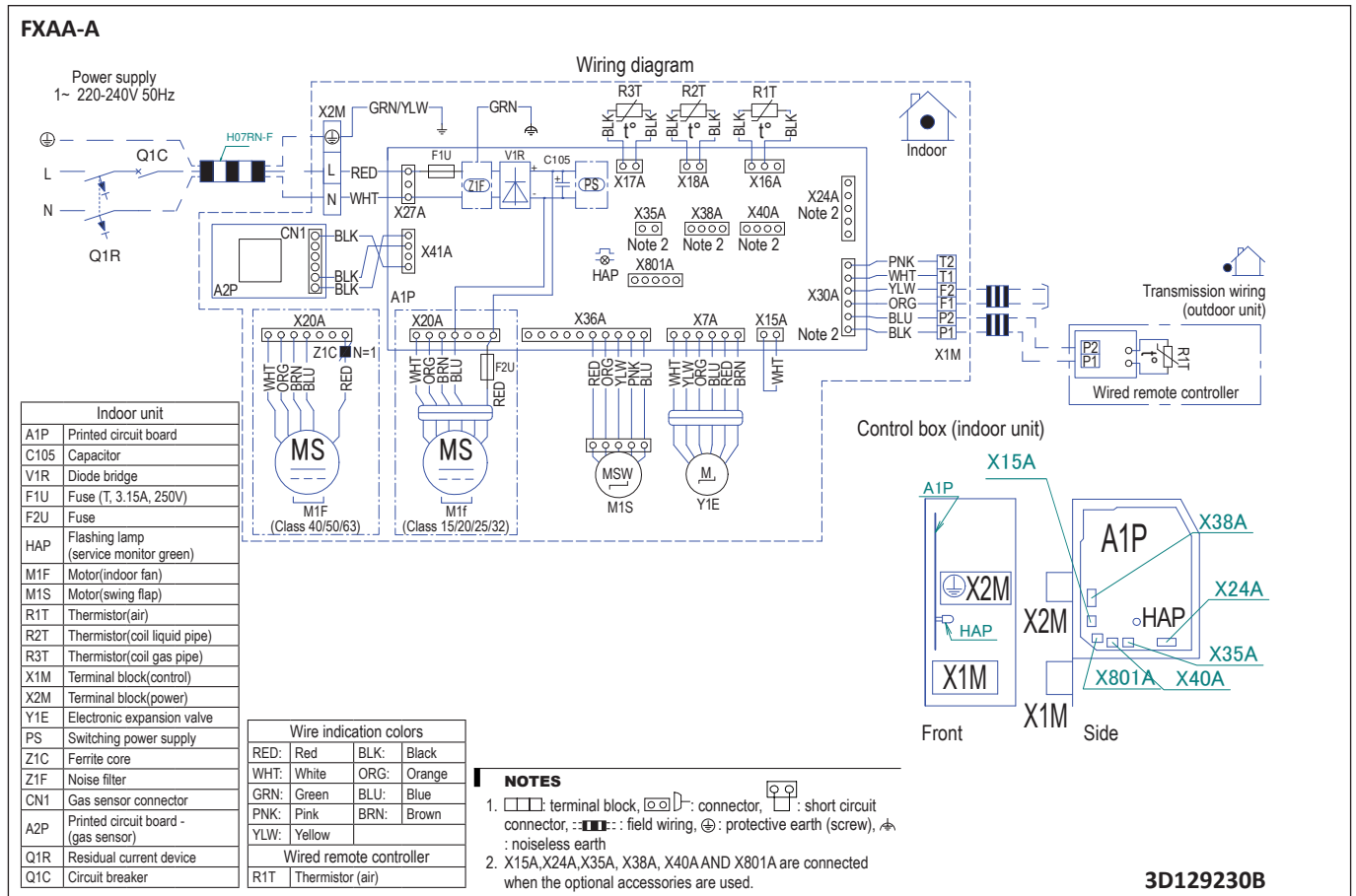


Model	ø AA	ø AB
FXAA15AUV1B FXAA20AUV1B FXAA25AUV1B FXAA32AUV1B	6.35	9.52
FXAA40AUV1B FXAA50AUV1B FXAA63AUV1B	6.35	12.7

4D131072

9 Wiring diagrams

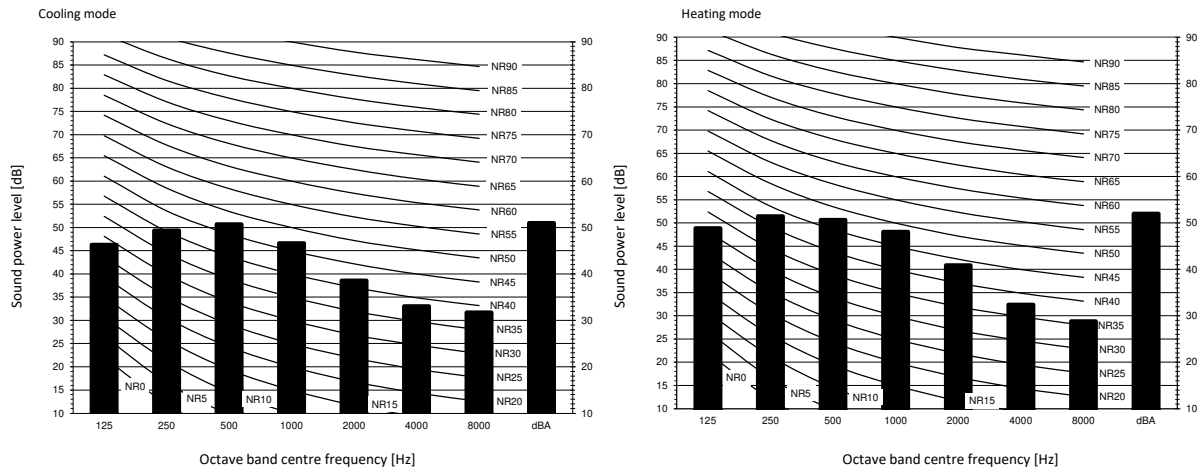
9 - 1 Wiring Diagrams - Single Phase



10 Sound data

10 - 1 Sound Power Spectrum

FXAA15A



Notes

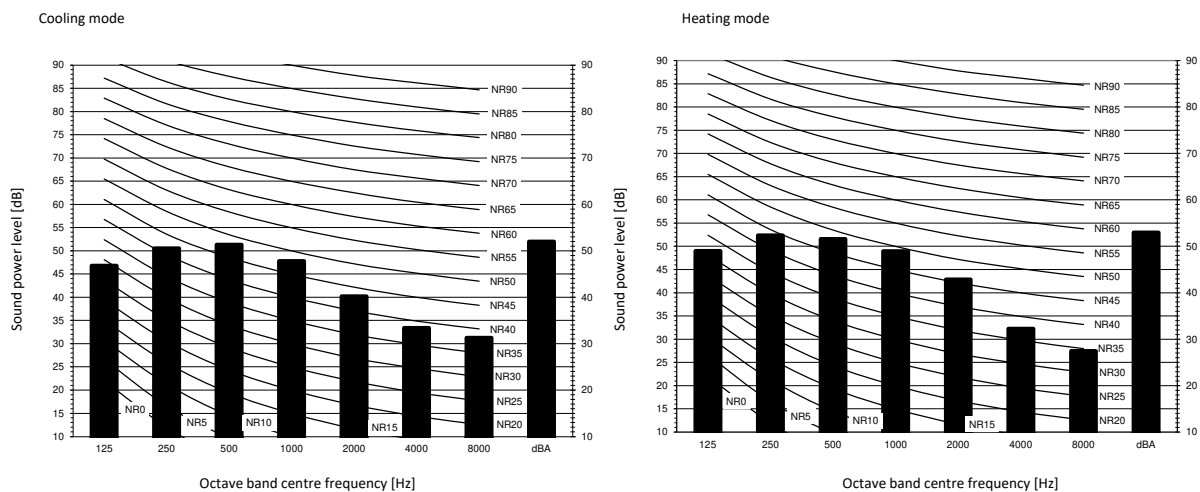
Fan speed



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

3D131735

FXAA20A



Notes

Fan speed



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

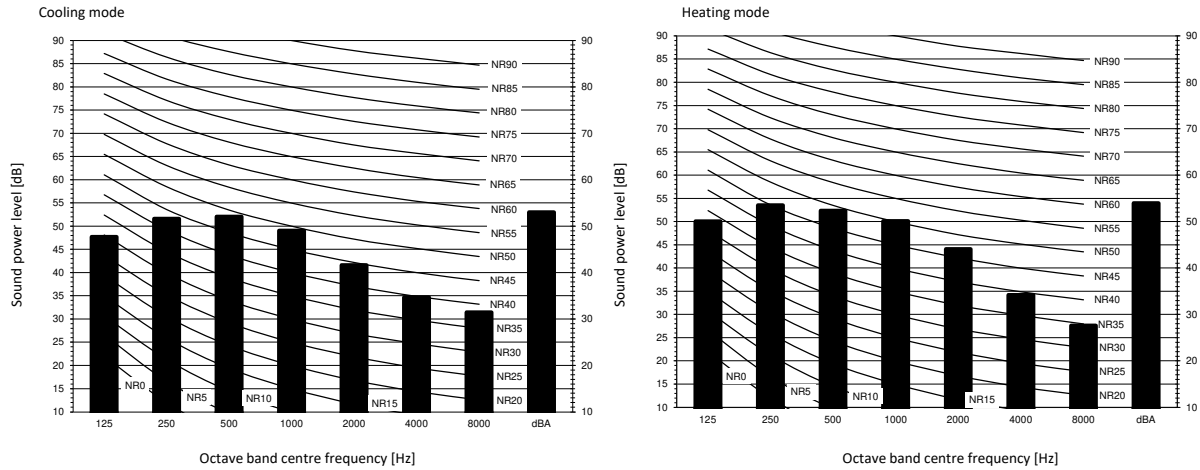
3D131739

10 Sound data

10 - 1 Sound Power Spectrum

FXAA25A

10



Notes

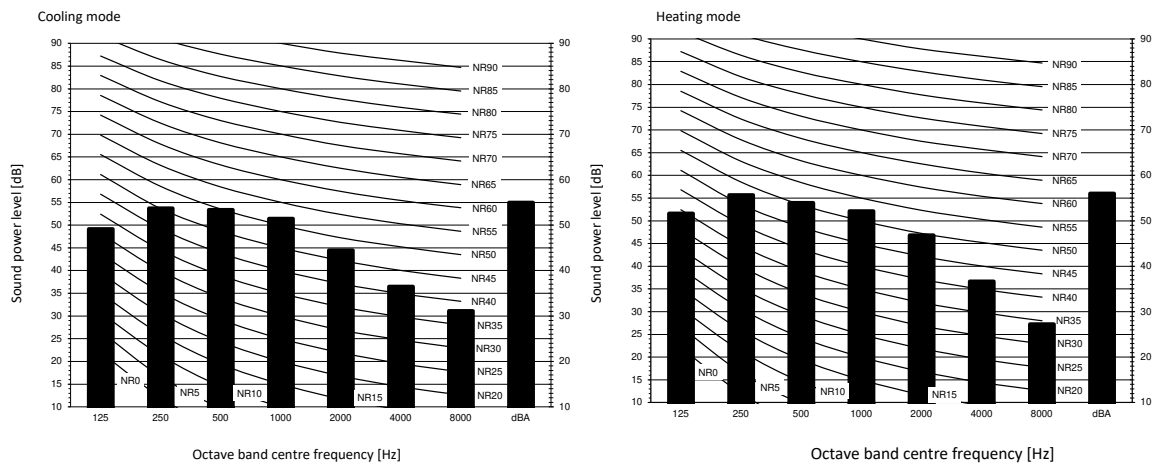
Fan speed



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

3D131741

FXAA32A



Notes

Fan speed



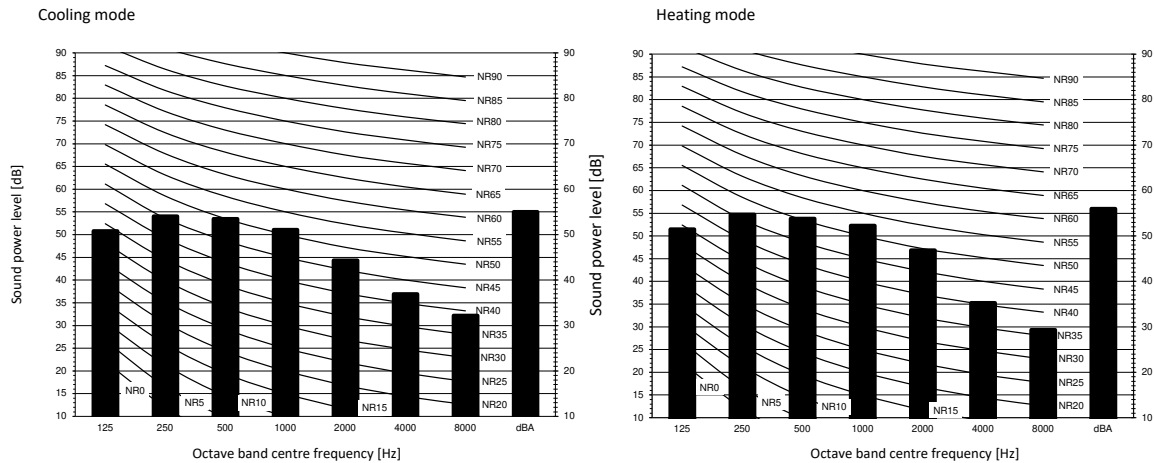
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic pressure 0 dB = 20 μ Pa
3. Measured according to ISO 3744

3D131742

10 Sound data

10 - 1 Sound Power Spectrum

FXAA40A



Notes

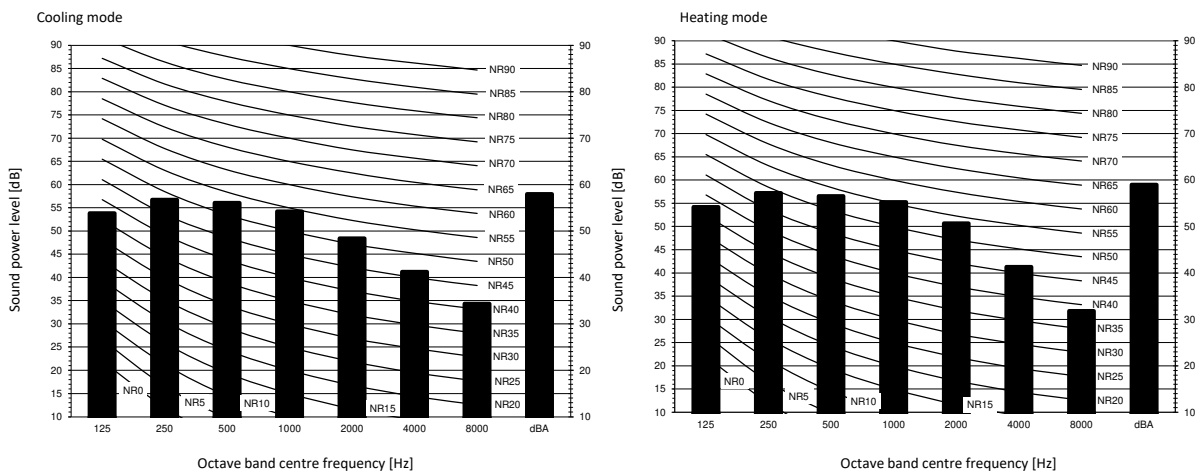
Fan speed



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

3D131743

FXAA50A



Notes

Fan speed



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

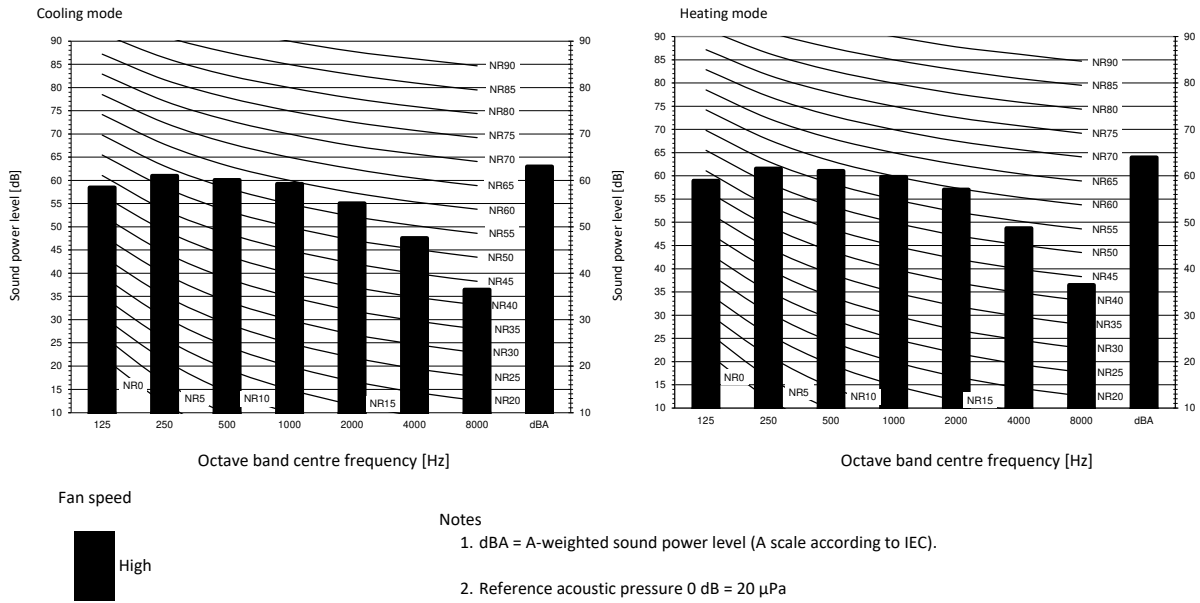
3D131744

10 Sound data

10 - 1 Sound Power Spectrum

FXAA63A

10



Notes

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

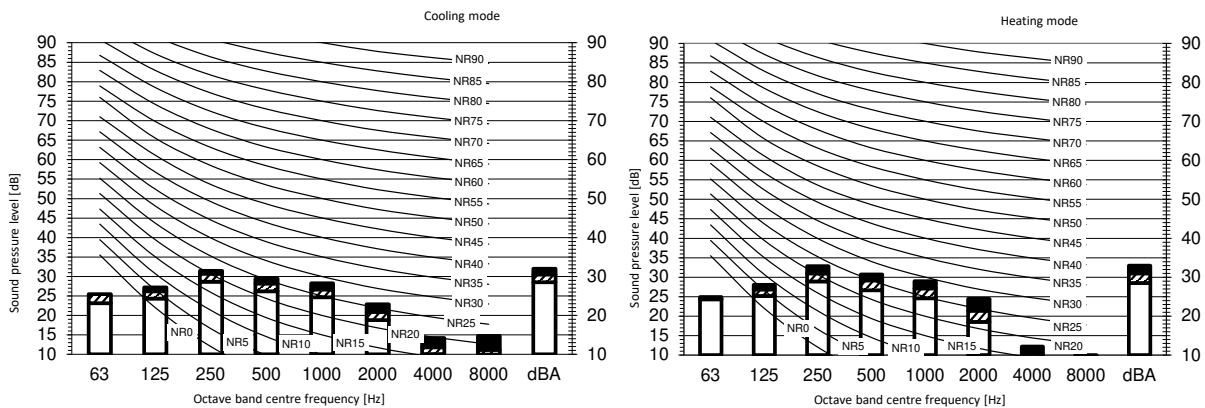
3D131745

10 Sound data

10 - 2 Sound Pressure Spectrum

FXAA15A

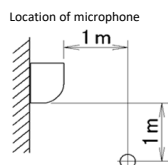
10



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



Cooling		Total dB	
A	B	C	D
dBA	32,0	30,5	28,5

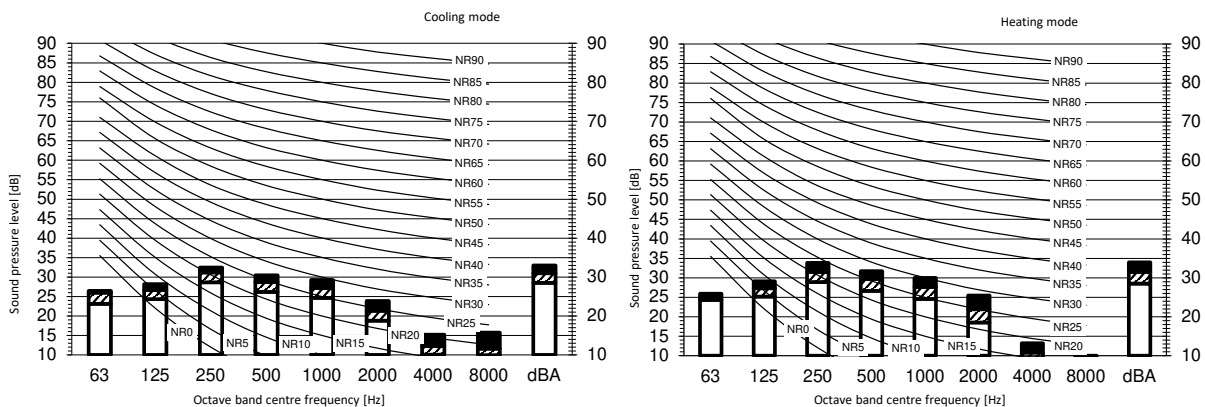
Heating		Total dB	
A	B	C	D
dBA	33,0	31,0	28,5

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

3D131189

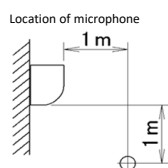
FXAA20A



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



Cooling		Total dB	
A	B	C	D
dBA	33,0	31,0	28,5

Heating		Total dB	
A	B	C	D
dBA	34,0	31,5	28,5

Notes

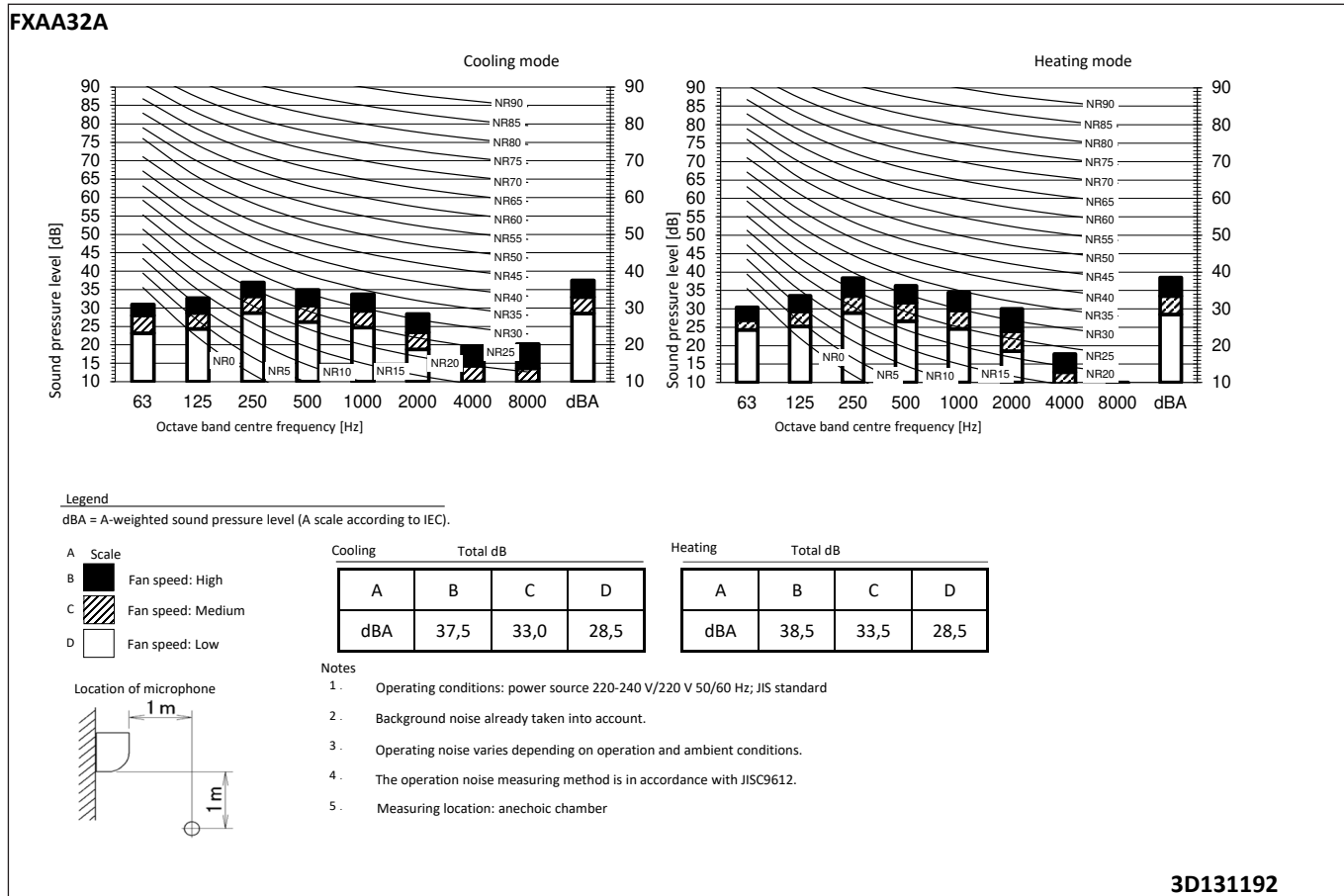
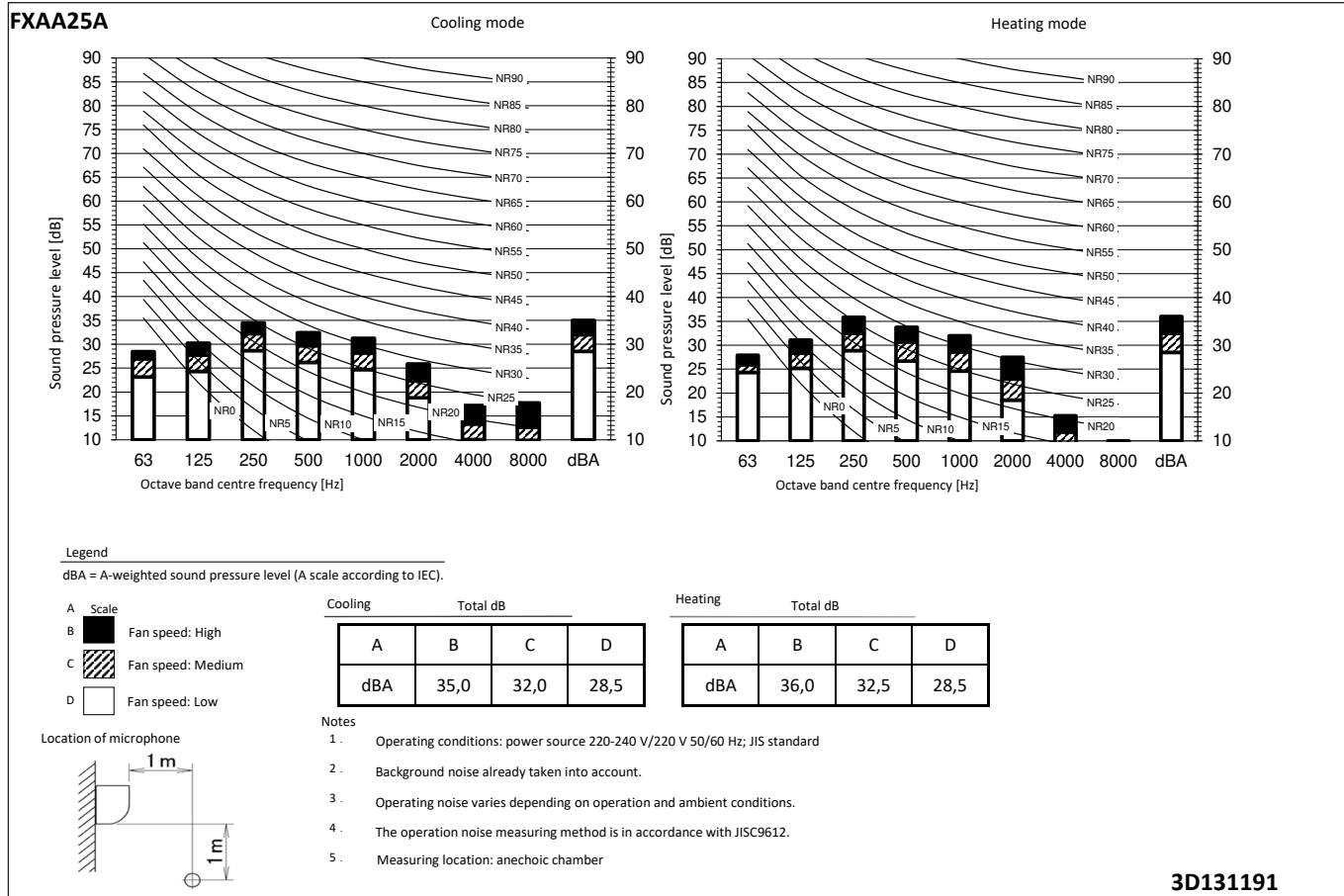
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

3D131190

10 Sound data

10 - 2 Sound Pressure Spectrum

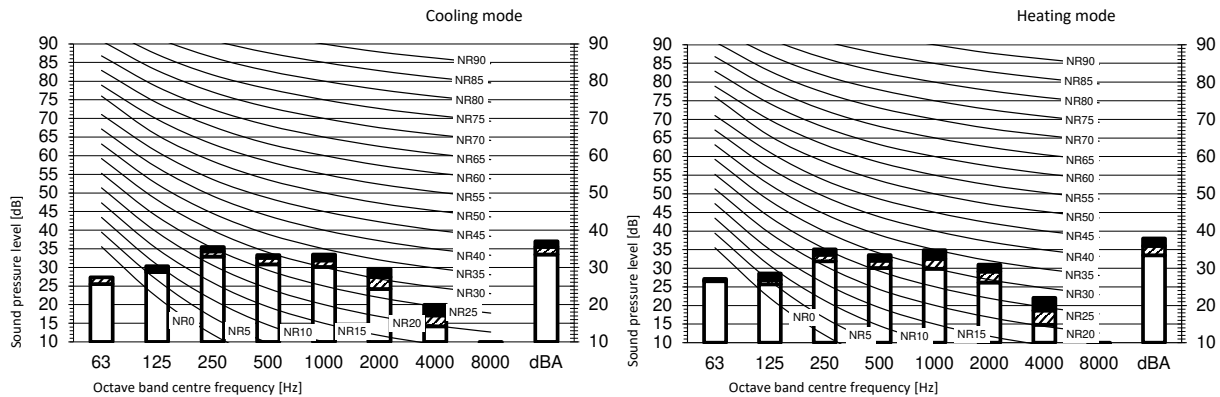
10



10 Sound data

10 - 2 Sound Pressure Spectrum

FXAA40A



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

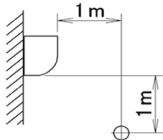
Cooling Total dB				
A	B	C	D	
dBA	37,0	35,5	33,5	

Heating Total dB				
A	B	C	D	
dBA	38,0	36,0	33,5	

Notes

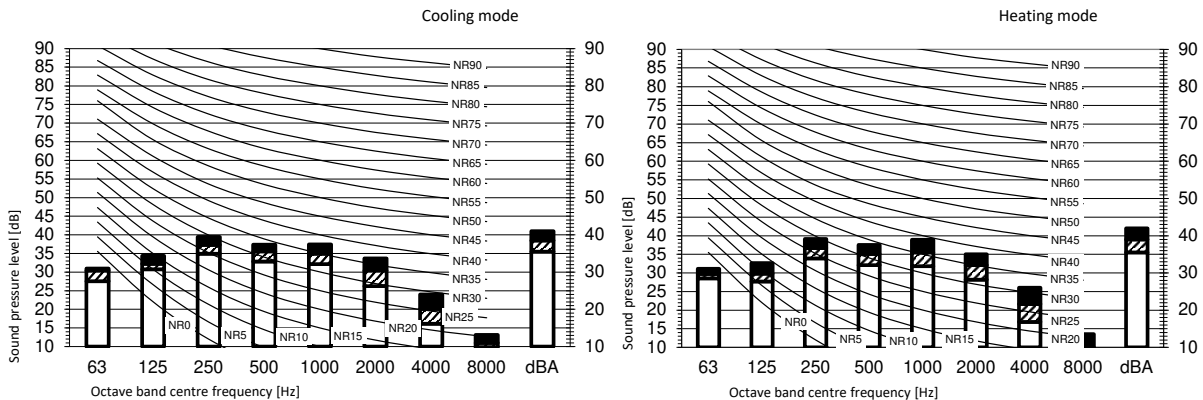
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

Location of microphone



3D131193

FXAA50A



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

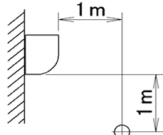
Cooling Total dB				
A	B	C	D	
dBA	41,0	38,5	35,5	

Heating Total dB				
A	B	C	D	
dBA	42,0	39,0	35,5	

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

Location of microphone

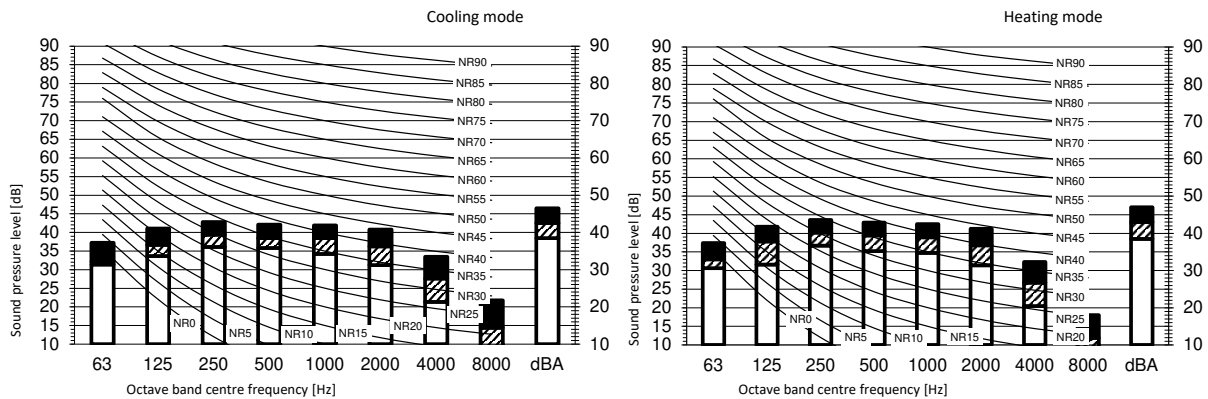


3D131194

10 Sound data

10 - 2 Sound Pressure Spectrum

FXAA63A



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

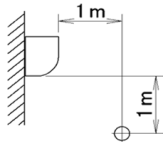
Cooling				
Total dB				
A	B	C	D	
dBA	46,5	42,5	38,5	

Heating				
Total dB				
A	B	C	D	
dBA	47,0	43,0	38,5	

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

Location of microphone



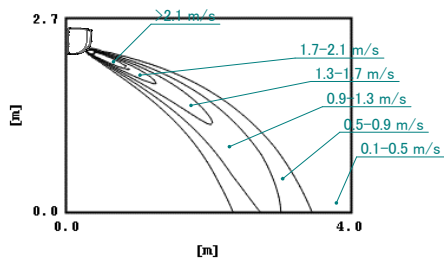
3D131195

11 Air flow patterns

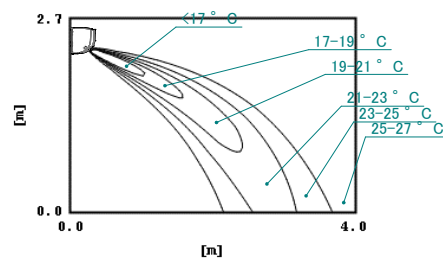
11 - 1 Air flow pattern - Cooling and Heating

FXAA15A

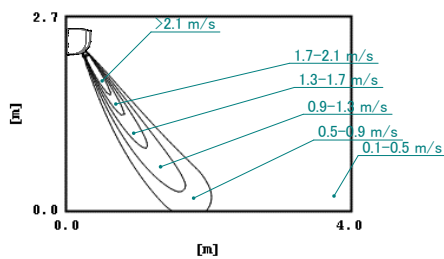
Air velocity distribution (cooling)
Air flow direction: horizontal



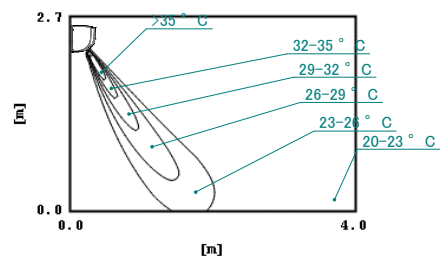
Air temperature distribution (cooling)
Air flow direction: horizontal



Air velocity distribution (heating)
Air flow direction: vertical



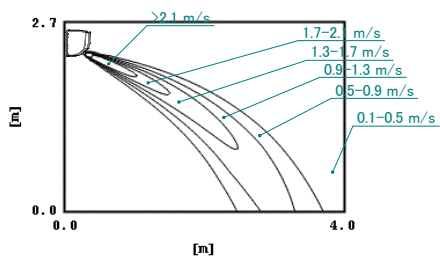
Air temperature distribution (heating)
Air flow direction: vertical



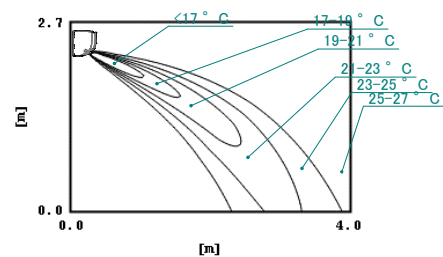
3D134855

FXAA20A

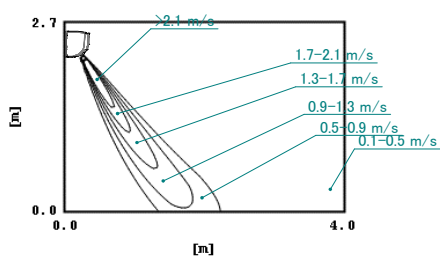
Air velocity distribution (cooling)
Air flow direction: horizontal



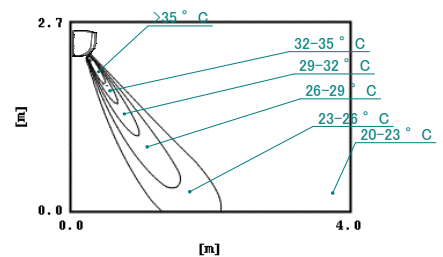
Air temperature distribution (cooling)
Air flow direction: horizontal



Air velocity distribution (heating)
Air flow direction: vertical



Air temperature distribution (heating)
Air flow direction: vertical



3D134856

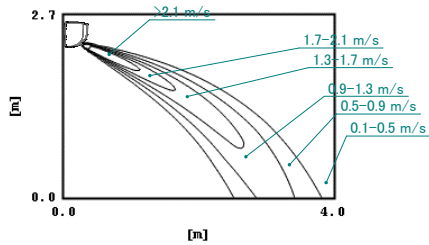
11 Air flow patterns

11 - 1 Air flow pattern - Cooling and Heating

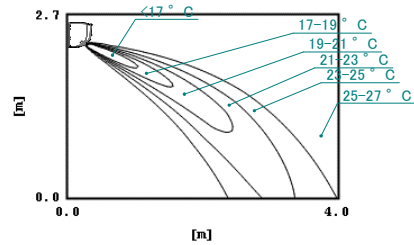
11

FXAA25A

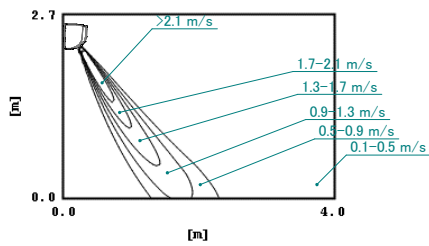
Air velocity distribution (cooling)
Air flow direction: horizontal



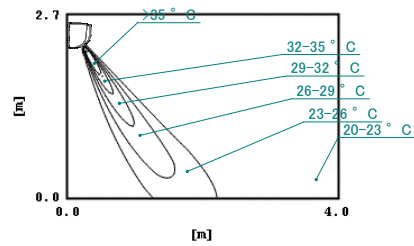
Air temperature distribution (cooling)
Air flow direction: horizontal



Air velocity distribution (heating)
Air flow direction: vertical



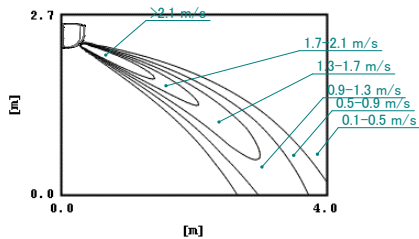
Air temperature distribution (heating)
Air flow direction: vertical



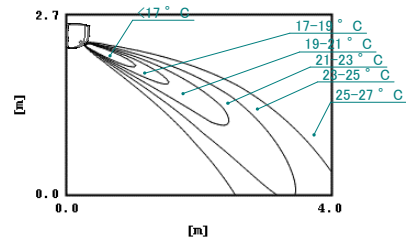
3D134858

FXAA32A

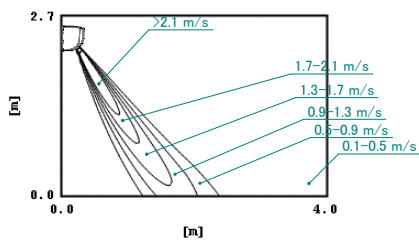
Air velocity distribution (cooling)
Air flow direction: horizontal



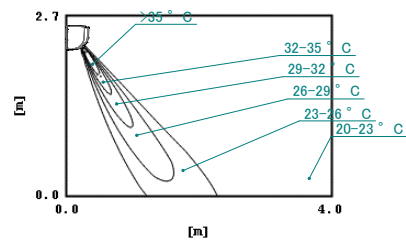
Air temperature distribution (cooling)
Air flow direction: horizontal



Air velocity distribution (heating)
Air flow direction: vertical



Air temperature distribution (heating)
Air flow direction: vertical



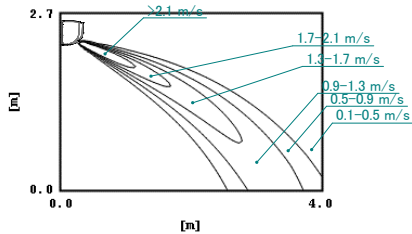
3D134859

11 Air flow patterns

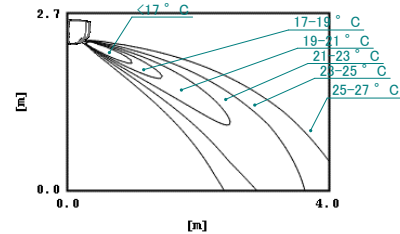
11 - 1 Air flow pattern - Cooling and Heating

FXAA40A

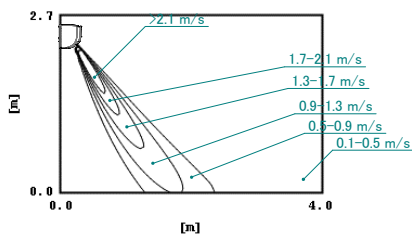
Air velocity distribution (cooling)
Air flow direction: horizontal



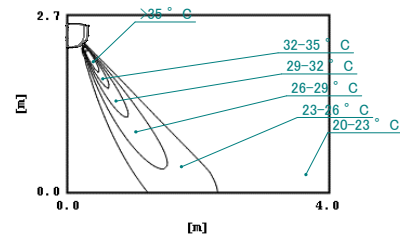
Air temperature distribution (cooling)
Air flow direction: horizontal



Air velocity distribution (heating)
Air flow direction: vertical



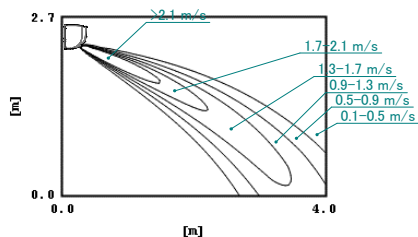
Air temperature distribution (heating)
Air flow direction: vertical



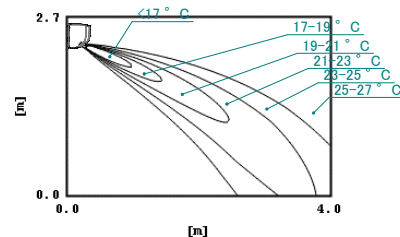
3D134860

FXAA50A

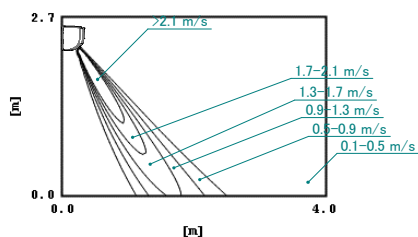
Air velocity distribution (cooling)
Air flow direction: horizontal



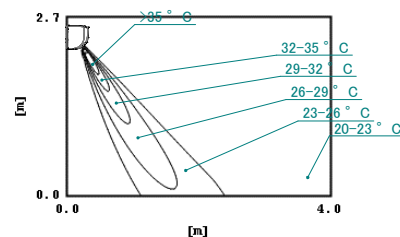
Air temperature distribution (cooling)
Air flow direction: horizontal



Air velocity distribution (heating)
Air flow direction: vertical



Air temperature distribution (heating)
Air flow direction: vertical



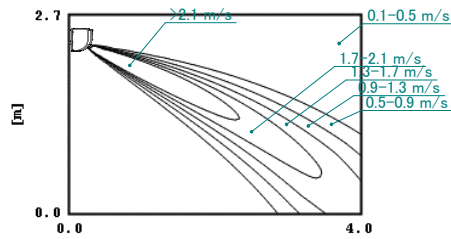
3D134861

11 Air flow patterns

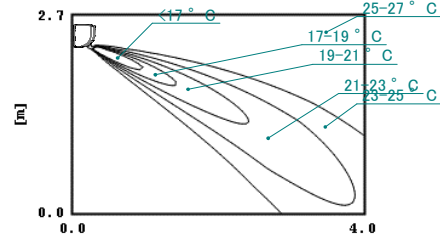
11 - 1 Air flow pattern - Cooling and Heating

FXAA63A

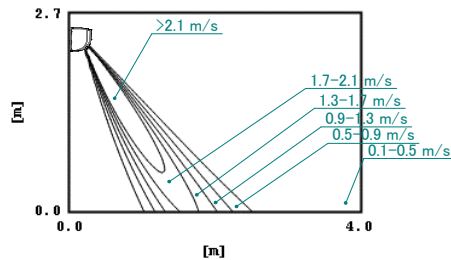
Air velocity distribution (cooling)
Air flow direction: horizontal



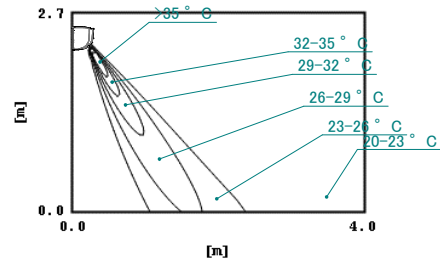
Air temperature distribution (cooling)
Air flow direction: horizontal



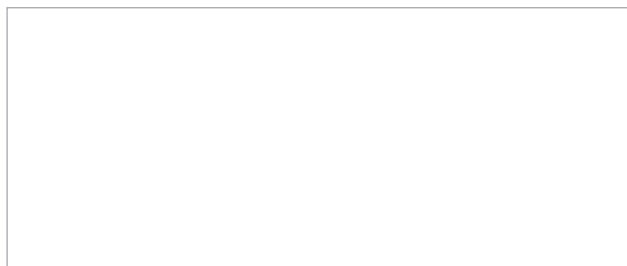
Air velocity distribution (heating)
Air flow direction: vertical



Air temperature distribution (heating)
Air flow direction: vertical



3D134863



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04/2026



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