

Wall mounted unit
Air Conditioning
Technical Data
FAA-B



FAA71BUV1B
FAA100BUV1B

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1 Features

1 - 1 FAA-B

For rooms with no false ceilings nor free floor space

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- › 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
- › Unified indoor unit range for R-32 and R-410A
- › Combining with R-32 Bluevolution technology, reduces environmental impact with 68% compared to R-410A, leads directly to lower energy consumption thanks to its high energy efficiency and has up to lower 16% refrigerant charge
- › 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
- › Flexible to install as the largest casing only weighs 17kg and piping connection can be done at the bottom, left or right of the unit



Infrastructure cooling



Daikin Residential Controller (optional)



Home leave operation



Fan only



Auto cooling-heating changeover



Vertical auto swing



Fan speed steps (3 steps)



Dry programme



Air filter



Weekly timer



Infrared remote control (optional)



Wired remote control (optional)



Centralised control



Auto-restart



Self diagnosis



Drain pump kit (optional)



Twin/triple/double twin application

2 Specifications

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Technical specifications					FAA71B	FAA100B
Power input - 50Hz	Cooling	Nom.	kW		0.037 (1)	0.06
	Heating	Nom.	kW		0.039 (2)	0.06
Casing	Colour				White Resin	
Dimensions	Unit	Height	mm		290	340
		Width	mm		1,050	1,200
		Depth	mm		269	262
	Packed unit	Height	mm		368	337
		Width	mm		1,138	1,310
		Depth	mm		380	429
Weight	Unit		kg		14.0	18
	Packed unit		kg		18	23
Heat exchanger	Fin	Type			Cross fin coil (Multi slit fins and Hi-XB tubes)	
Fan	Type				Cross flow fan	
	Quantity				1	
	Air flow rate	Cooling	High	m ³ /min	16.2	23.0
				cfm	571	811
			Medium	m ³ /min	13.4	21.1
				cfm	473	745
			Low	m ³ /min	12.1	18.7
				cfm	427	659
		Heating	High	m ³ /min	16.9	23.0
				cfm	598	811
			Medium	m ³ /min	14.2	20.9
				cfm	500	738
			Low	m ³ /min	12.7	18.7
				cfm	448	659
Fan motor	Speed	Steps			3	
			Cooling	High	rpm	1,379
				Low	rpm	1,113
		Heating	High	rpm	1,431	1,360
			Low	rpm	1,155	1,150
		Output	High	W	48	-
			Phase x Voltage	V	DC310	DC325
		Full load amps (FLA)	Cooling	A	0.3	0.5
			Heating	A	0.4	0.5
Sound power level	Cooling			dB(A)	61.0	65.0
	Heating			dB(A)	61.0	65.0
Sound pressure level	Cooling	High		dB(A)	45.0	49.0
		Medium		dB(A)	42.0	45.0
		Low		dB(A)	40.0	41.0
	Heating	High		dB(A)	45.0	49.0
		Medium		dB(A)	42.0	45.0
		Low		dB(A)	40.0	41.0
Refrigerant	Type				R32/R410A	
Piping connections	Liquid	Type			Flare connection	
		OD	mm		9.52	
	Gas	Type			Flare connection	
		OD	mm		15.9	15.90
	Drain				VP13 (I.D. 13/O.D. 18)	
	Heat insulation				Foamed polystyrene/polyethylene	
Fan motor	Speed	Cooling	Medium	rpm	1,206	1,270
		Heating	Medium	rpm	1,252	1,260

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

Standard accessories: Installation plate; Quantity: 1;

Standard accessories: Screw bag; Quantity: 1;

Standard accessories: Wire clamp material; Quantity: 4;

Standard accessories: Heat insulating tape; Quantity: 1;

Standard accessories: General safety precautions; Quantity: 1;

Standard accessories: Screw cover; Quantity: 3;

Electrical specifications					FAA71B	FAA100B
Power supply	Phase				1~	
	Frequency		Hz		50	
	Voltage		V		220-240	

(1)Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |

(2)Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |

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

Instead of a fuse, use a circuit breaker |

Select wire size based on the value of MCA |

Contains fluorinated greenhouse gases

3 Safety device settings

3 - 1 Safety Device Settings

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Safety devices		Class	
		71	100
FAA~BUV1B	Fan motor fuse (on wire)	250V, 3.15A	250V, 3.15A

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4 Options

4 - 1 Options

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Option kit		Product name	Compatibility	
			FAA71B1B	FAA100B1B
Wireless remote control	Heat pump	BRC7EA631	✓	×
		BRC7EA632	×	✓
Wired remote control		BRC1E53A7 (*1) / BRC1E53B7 (*2) / BRC1E53C7 (*3)	✓	✓
		BRC1H519W7/K7/S7	✓	✓
		BRC1H81W7/S7	✓	✓
		BRC1D528	✓	✓
		BRC1H52W/S/K	✓	✓
		BRC1H82W/S/K	✓	✓
		BRC2E52C7	✓	✓
Simplified remote control (with operation mode selector button)		BRC3E52C7	✓	✓
Simplified remote control (without operation mode selector button)		BRC3E52C7	✓	✓
Wiring adaptor for electrical appendices		KRP4A51 (*4)	✓	✓
Installation box for adaptor PCB		KRP4B93	✓	✓
Central remote control		DCS302C51	✓	✓
Electrical box with earth terminal (-3: blocks)		KJB311A	✓	✓
Electrical box with earth terminal (-2: blocks)		KJB212A	✓	✓
Unified ON/OFF controller		DCS301B51	✓	✓
Schedule timer		DST301B51	✓	✓
Remote sensor		KRCS01-4B	✓	✓
Drain pump kit		K-KDU572KVE	✓	✓
iTouch Controller		DCS601C51	✓	✓
Digital input adaptor		BRP7A51 (*4)(*5)	✓	✓
WLAN adaptor for smartphones		BRP069C81 (*6)	✓	✓
Intelligent Touch Manager		DCM601A51	✓	✓
Intelligent Tablet Controller		DCC601A51	✓	✓

Notes

(*1) Included languages are: English, German, French, Italian, Spanish, Portuguese, and Dutch.

(*2) Included languages are: English, Czech, Croatian, Hungarian, Slovenian, Romanian, and Bulgarian.

(*3) Included languages are: English, Russian, Greek, Turkish, Polish, Albanian, and Slovak.

(*4) This option needs to be installed together with installation box ·KRP4B93·.

(*5) Only possible in combination with remote control ·BRC1E* / BRC2E* / BRC3E* / BRC1H* / BRC1D*·.

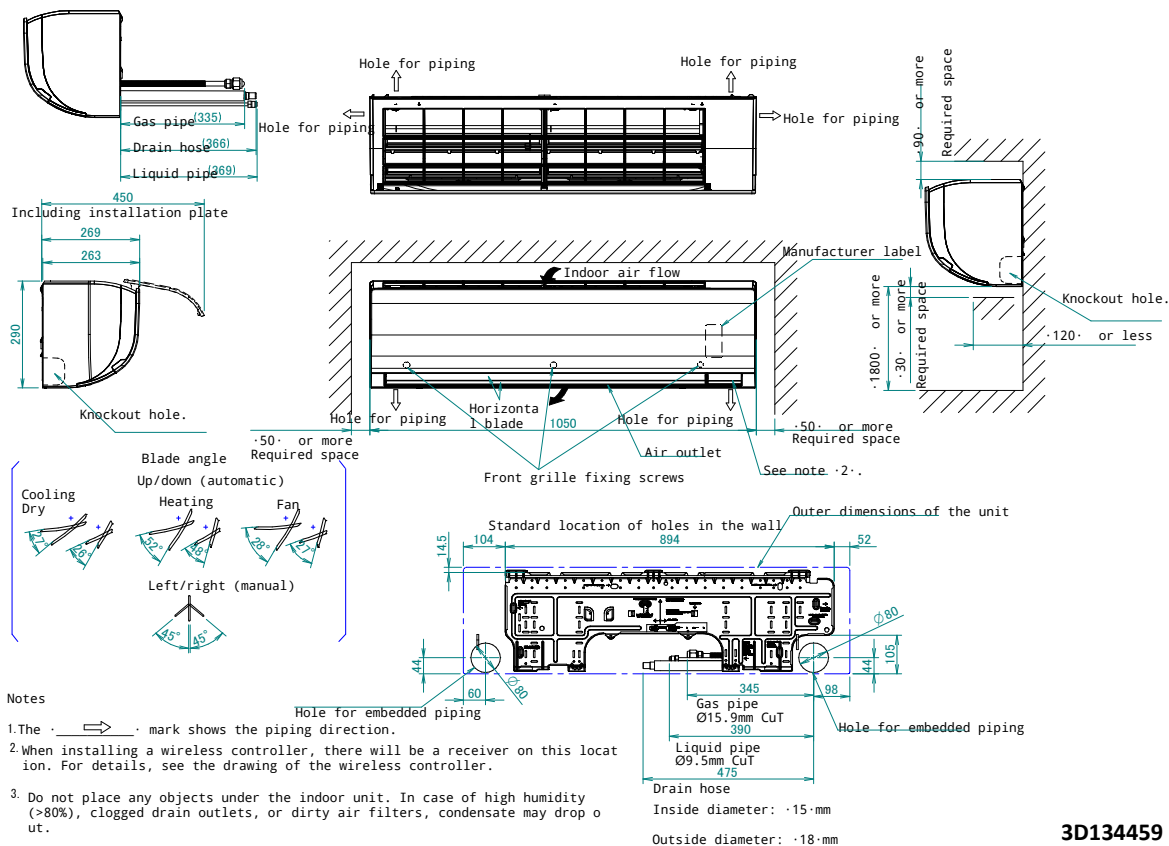
(*6) Only possible in combination with wired or wireless remote control (e.g. ·BRC1H*·).

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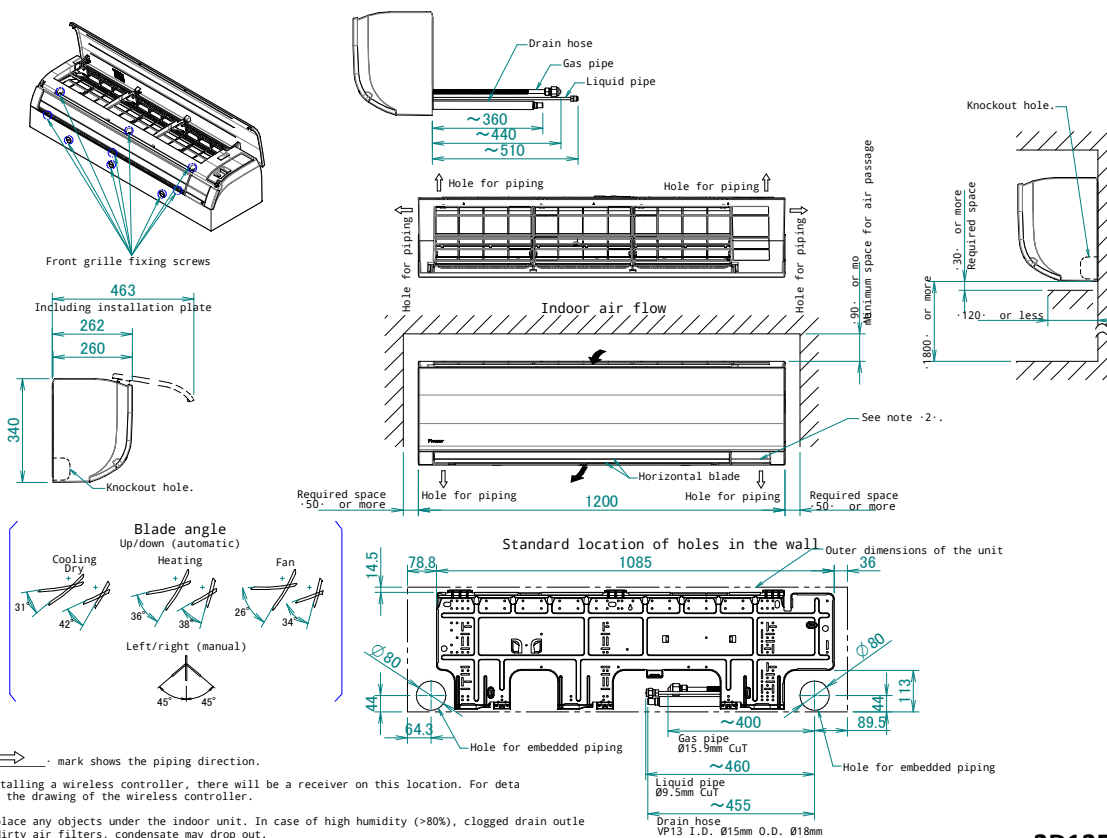
5 Dimensional drawings

5 - 1 Dimensional Drawings

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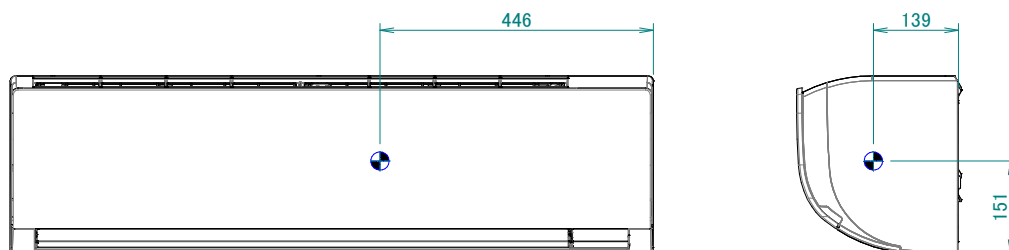
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6 Centre of gravity

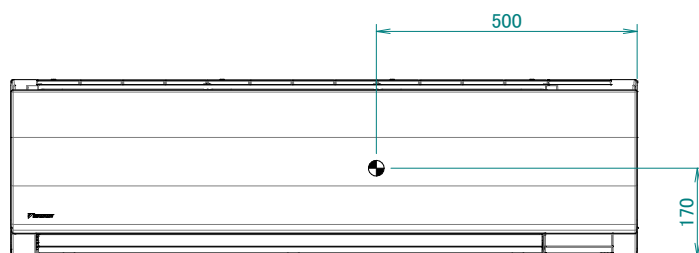
6 - 1 Centre of Gravity

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7 Piping diagrams

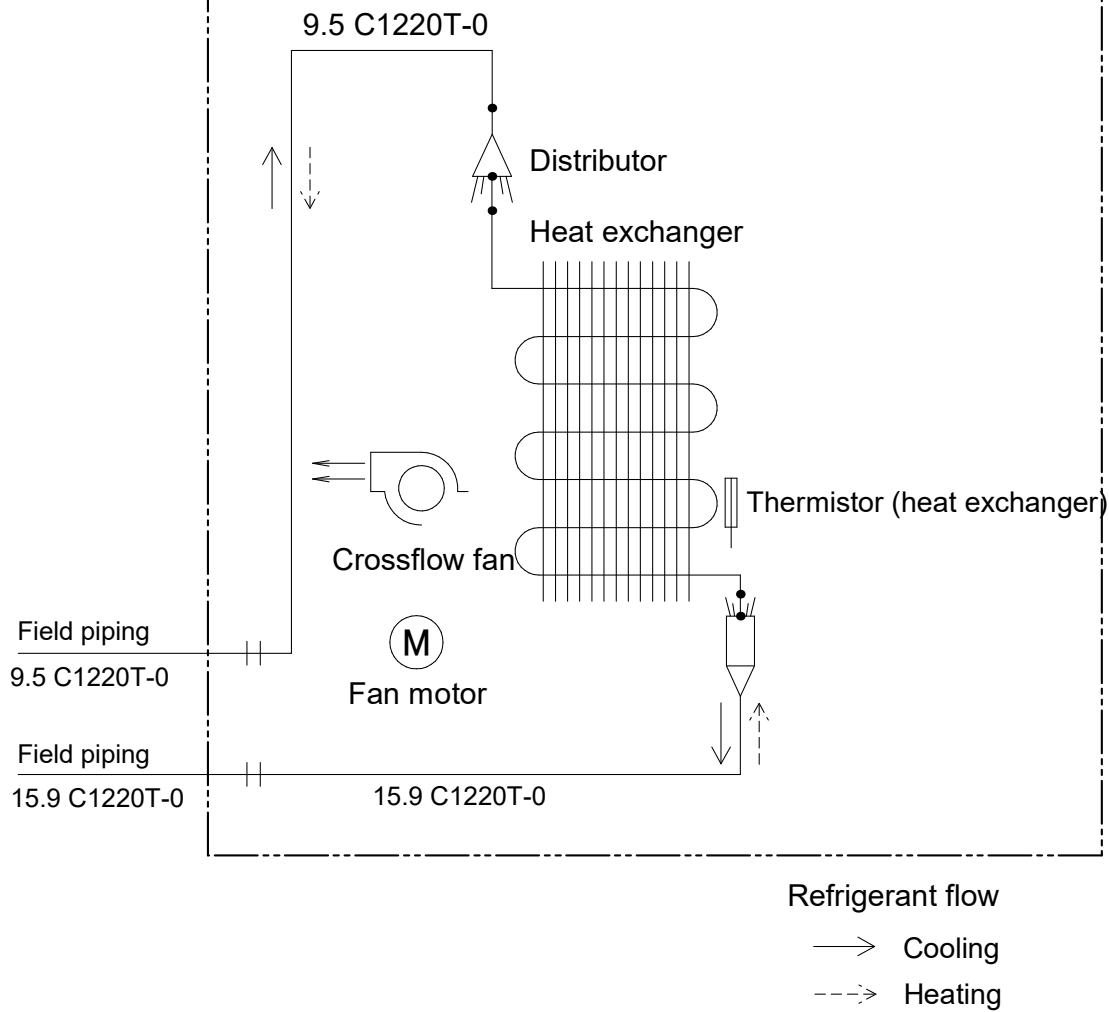
7 - 1 Piping Diagrams

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Indoor unit



Applicable models

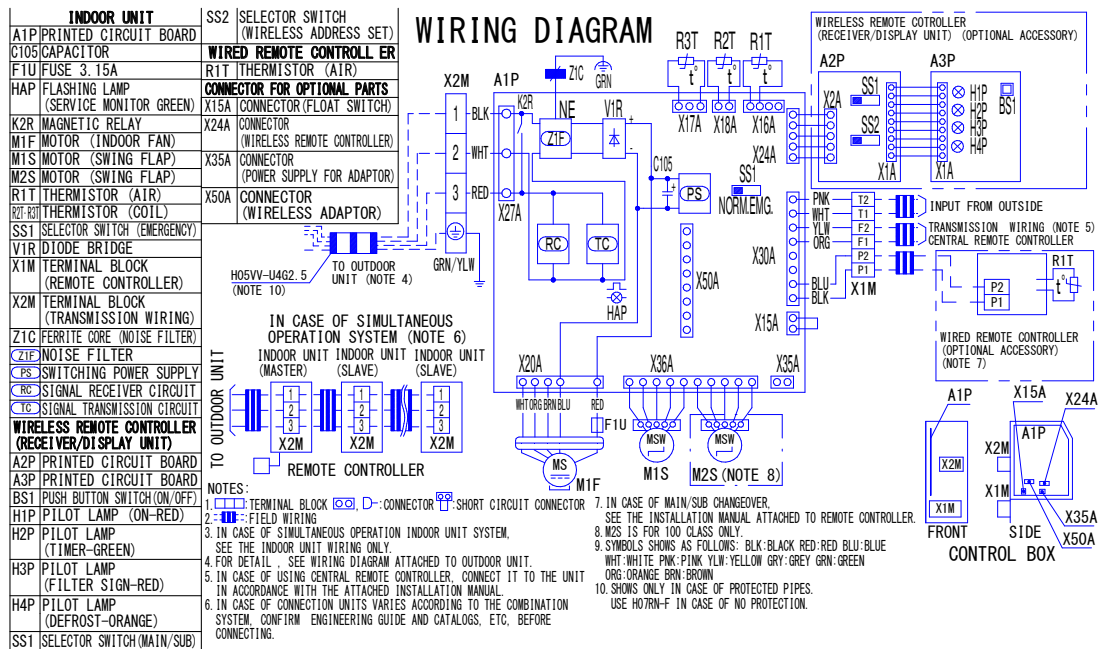
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8 Wiring diagrams

8 - 1 Wiring Diagrams - Three Phase

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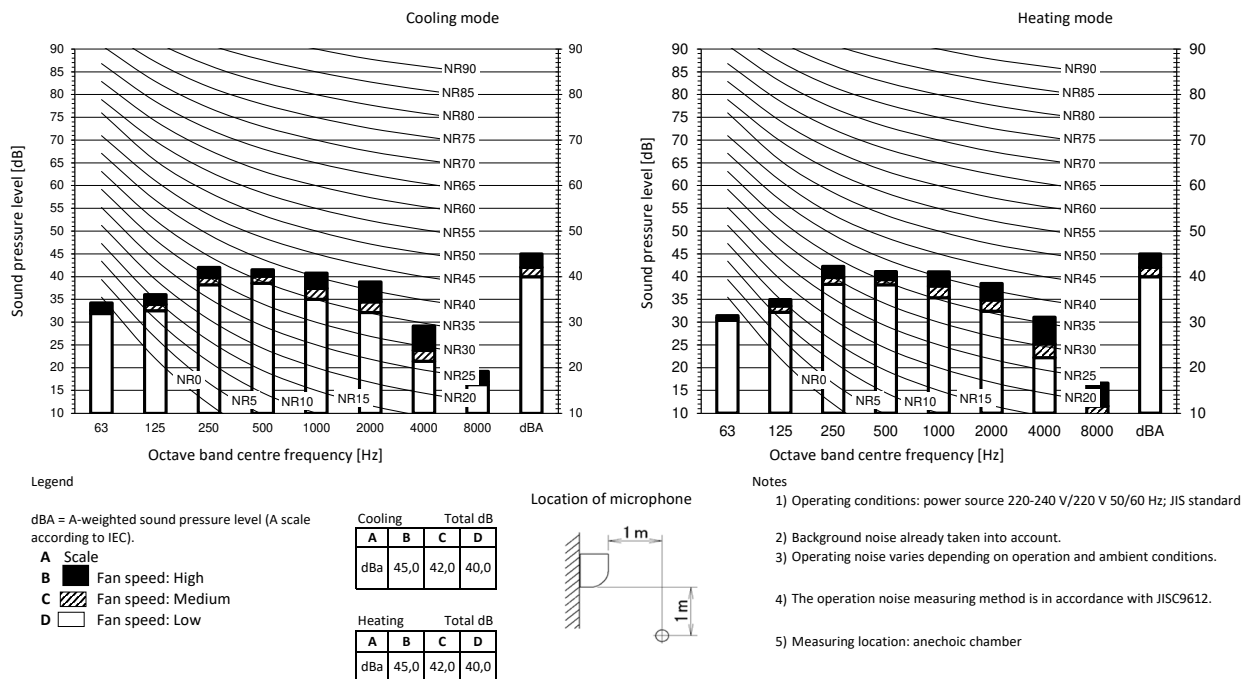


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9 Sound data

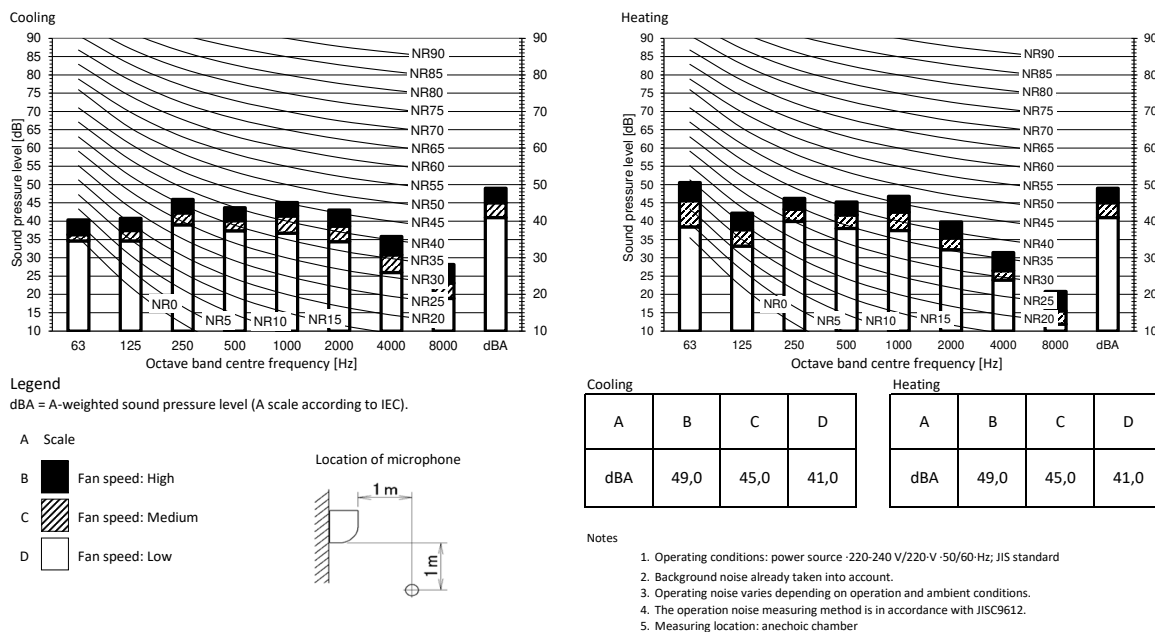
9 - 1 Sound Pressure Spectrum

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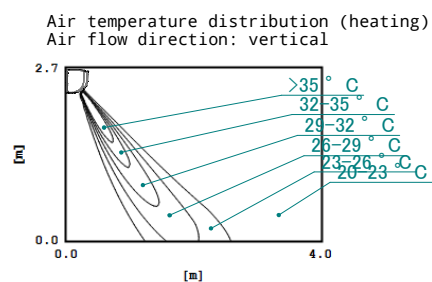
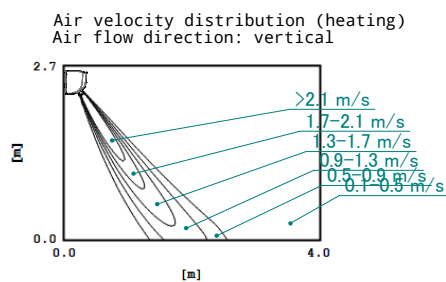
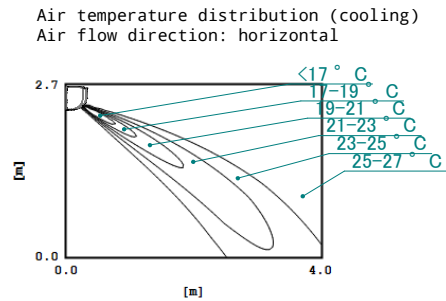
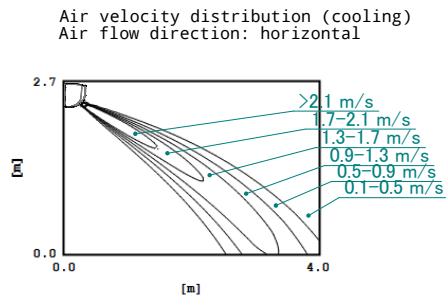


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10 Air flow patterns

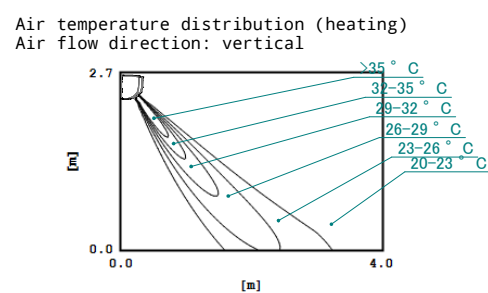
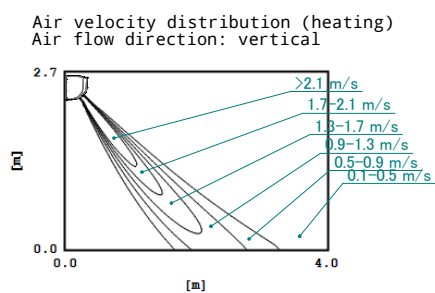
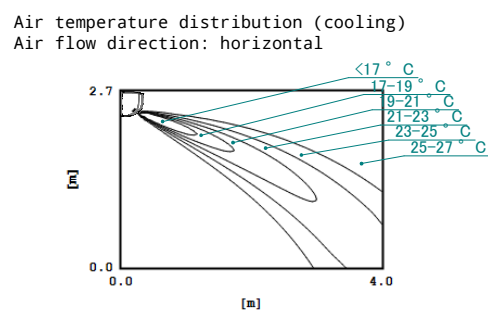
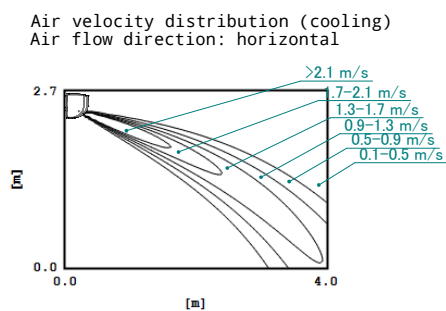
10 - 1 Air flow pattern - Cooling and Heating

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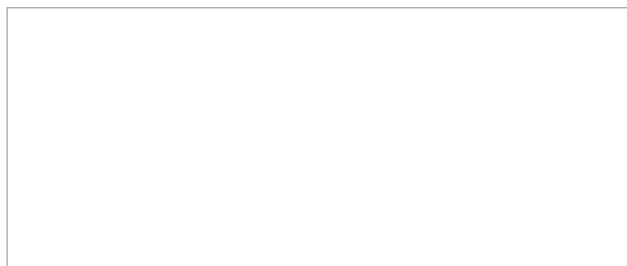


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