



Round flow cassette Technical data book FXFA-A



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FXFA-A

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1 Features

1 - 1 FXFA-A

- › Optional fresh air intake
- › Branch duct discharge allows to optimize air distribution in irregular shaped rooms or to supply air to small adjacent rooms
- › Optimised design for R-32 refrigerant
- › Lowest installation height in the market: 214mm for class 20-63
- › Bigger flaps and unique swing pattern improve equal air distribution
- › Optional automatic filter cleaning panel results in higher efficiency & comfort and lower maintenance costs.
- › Two optional intelligent sensors improve energy efficiency and comfort
- › Widest choice ever in decoration panels: designer panels in white (RAL9010) and black (RAL9005) and standard panels in white (RAL9010) with grey louvers or full white
- › Standard drain pump with 675mm lift increases flexibility and installation speed
- › Individual flap control: flexibility to suit every room layout without changing the location of the unit!



Inverter



Presence & floor sensor



Home leave operation



Fan only



Auto-cleaning filter



Draught prevention



Auto cooling-heating changeover



Whisper quiet



Ceiling soiling prevention



Individual flap control



Vertical auto swing



Fan speed steps



Dry programme



Air filter



Weekly timer



Infrared remote control



Wired remote control



Centralised control



Auto-restart



Self diagnosis



Multi tenant



Drain pump kit

2 Specifications

1 - 1 FXFA-A

Technical specifications				FXFA20A	FXFA25A	FXFA32A	FXFA40A	FXFA50A	FXFA63A
Cooling capacity	Sensible capacity	At high fan speed	kW	1.50	2.00	2.50	3.10	3.80	4.80
		At medium high fan speed	kW	1.40	1.80	2.40	2.90	3.50	4.30
		At medium fan speed	kW	1.30	1.70	2.10	2.60	3.10	3.80
		At medium low fan speed	kW	1.20	1.50	1.90	2.50	2.90	3.50
		At low fan speed	kW	1.10	1.40	1.80	2.20	2.60	3.10
	Latent capacity	At high fan speed	kW	0.70	0.80	1.10	1.40	1.80	2.30
		At medium high fan speed	kW	0.70	0.80	1.00	1.30	1.70	2.10
		At medium fan speed	kW	0.60	0.80	1.00	1.30	1.60	2.00
		At medium low fan speed	kW	0.60	0.80	1.00	1.20	1.50	1.80
		At low fan speed	kW	0.60	0.80	0.90	1.20	1.40	1.60
	Total capacity	At high fan speed	kW	2.20	2.80	3.60	4.50	5.60	7.10
		At medium high fan speed	kW	2.10	2.60	3.40	4.20	5.20	6.40
		At medium fan speed	kW	1.90	2.50	3.10	3.90	4.70	5.80
		At medium low fan speed	kW	1.80	2.30	2.90	3.70	4.40	5.30
		At low fan speed	kW	1.70	2.20	2.70	3.40	4.00	4.70
Heating capacity	Total capacity	At high fan speed	kW	2.50	3.20	4.00	5.00	6.30	8.00
		At medium high fan speed	kW	2.30	2.90	3.70	4.60	5.80	7.10
		At medium fan speed	kW	2.10	2.70	3.40	4.20	5.10	6.30
		At medium low fan speed	kW	1.90	2.50	3.10	3.90	4.90	5.80
		At low fan speed	kW	1.80	2.30	2.90	3.60	4.10	5.00
Power input - 50Hz	Cooling	At high fan speed	kW	0.040				0.050	0.060
		At medium high fan speed	kW	0.035				0.043	0.048
		At medium fan speed	kW	0.031			0.030	0.037	0.039
		At medium low fan speed	kW	0.028			0.026	0.032	
		At low fan speed	kW	0.026			0.023	0.028	0.027
	Heating	At high fan speed	kW	0.040				0.050	0.060
		At medium high fan speed	kW	0.035				0.043	0.048
		At medium fan speed	kW	0.031			0.030	0.037	0.039
		At medium low fan speed	kW	0.028			0.026	0.032	
		At low fan speed	kW	0.026			0.023	0.028	0.027
Power input - 60Hz	Cooling	At high fan speed	kW	0.040				0.050	0.060
	Heating	At high fan speed	kW	0.040				0.050	0.060
Dimensions	Unit	Height	mm	204					
		Width	mm	840					
		Depth	mm	840					
	Packed unit	Height	mm	220					
		Width	mm	882					
		Depth	mm	882					
Weight	Unit	kg	18				19	21	
	Packed unit	kg	21				22	24	
Casing	Material			Galvanised steel plate					
Heat exchanger	Inside length		mm	2,134				2,090	
	Outside length		mm	2,181				2,184	
	Rows	Quantity		2				3	
	Fin pitch		mm	1.20					
Heat exchanger	Passes	Quantity		4			6	12	
	Face area		m ²	0.278			0.366	0.371	
	Stages	Quantity		9			12		
	Tube type			Ø5 HI-XA					
	Fin	Type		Cross fin coil (Multi slit fins and Ø5HI-XA tubes)					

2 Specifications

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Technical specifications				FXFA20A	FXFA25A	FXFA32A	FXFA40A	FXFA50A	FXFA63A
Fan	Type	Turbo fan							
	Quantity	1							
Air flow rate - 50Hz	Cooling	At high fan speed	m ³ /min	12.8		14.8	15.1	16.6	
		At medium high fan speed	m ³ /min	11.8		13.7	14.0	15.0	
		At medium fan speed	m ³ /min	10.7		12.6	12.8	13.3	
		At medium low fan speed	m ³ /min	9.8		11.5	11.8	12.0	
		At low fan speed	m ³ /min	8.9		10.4	10.7		
	Heating	At high fan speed	m ³ /min	12.8		14.8	15.1	16.6	
		At medium high fan speed	m ³ /min	11.8		13.7	14.0	15.0	
		At medium fan speed	m ³ /min	10.7		12.6	12.8	13.3	
		At medium low fan speed	m ³ /min	9.8		11.5	11.8	12.0	
		At low fan speed	m ³ /min	8.9		10.4	10.7		
	Air flow rate - 60Hz	At high fan speed	cfm	452		523	533	586	
		At medium high fan speed	cfm	417		484	494	530	
		At medium low fan speed	cfm	346		406	417	424	
		At medium fan speed	cfm	378		445	452	470	
		At low fan speed	cfm	314		367	378		
	Heating	At high fan speed	cfm	452		523	533	586	
		At medium high fan speed	cfm	417		484	494	530	
		At medium fan speed	cfm	378		445	452	470	
		At medium low fan speed	cfm	346		406	417	424	
		At low fan speed	cfm	314		367	378		
Sound power level	Cooling	At high fan speed	dB(A)	49.0		51.0		53.0	
Sound pressure level	Cooling	At high fan speed	dB(A)	31.0		33.0		35.0	
		At medium high fan speed	dB(A)	30.0		32.0		34.0	
		At medium fan speed	dB(A)	29.0		31.0		33.0	
		At medium low fan speed	dB(A)	29.5		30.0		32.0	
		At low fan speed	dB(A)	28.0		29.0		30.0	
	Heating	At high fan speed	dB(A)	31.0		33.0		35.0	
		At medium high fan speed	dB(A)	30.0		32.0		34.0	
		At medium fan speed	dB(A)	29.0		31.0		33.0	
		At medium low fan speed	dB(A)	29.5		30.0		32.0	
		At low fan speed	dB(A)	28.0		29.0		30.0	
Fan motor	Quantity	1							
	Speed Steps	5							
Refrigerant	Type	R-32							
	GWP	675.0							
Piping connections	Liquid	Type	Flare connection						
		OD mm	6.35						
	Gas	Type	Flare connection						
		OD mm	9.52				12.70		
Piping connections	Drain	VP25 (O.D. 32 / I.D. 25)							
	Heat insulation	Foamed polystyrene / Foamed polyethylene							
	Sound absorbing insulation	Foamed polyurethane							
Decoration panel	Model	BYCQ140E2W1 / BYCQ140E2W1W / BYCQ140E2W1B							
	Dimensions	Height	mm	65					
		Width	mm	950					
		Depth	mm	950					
	Weight	kg		5.5					
Decoration panel 2	Model	BYCQ140E2GFW1 / BYCQ140E2GFW1B							
	Dimensions	Height	mm	148					
		Width	mm	950					
		Depth	mm	950					
	Weight	kg		10.3					

2 Specifications

1 - 1 FXFA-A

Technical specifications				FXFA20A	FXFA25A	FXFA32A	FXFA40A	FXFA50A	FXFA63A
Decoration panel 3 Model				BYCQ140E2P / BYCQ140E2PB					
Dimensions	Height	mm		106					
				950					
				950					
	Weight	kg		6.5					
Air filter	Type			Resin net					
Safety devices	Item	01		PC board fuse					
		02		Fan motor overcurrent protector					
Control systems	Infrared remote control			BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB					
	Wired remote control			BRC1H52W/S/K					

Technical specifications				FXFA80A	FXFA100A	FXFA125A
Cooling capacity	Sensible capacity	At high fan speed	kW	6.10	7.70	9.70
		At medium high fan speed	kW	5.50	6.80	8.50
		At medium fan speed	kW	5.00	5.80	7.70
		At medium low fan speed	kW	4.20	4.90	6.90
		At low fan speed	kW	3.60	3.80	6.00
	Latent capacity	At high fan speed	kW	2.90	3.50	4.30
		At medium high fan speed	kW	2.70	3.20	3.90
		At medium fan speed	kW	2.50	2.90	3.70
		At medium low fan speed	kW	2.20	2.40	3.40
		At low fan speed	kW	1.80	2.00	3.00
	Total capacity	At high fan speed	kW	9.00	11.20	14.00
		At medium high fan speed	kW	8.20	10.00	12.40
		At medium fan speed	kW	7.50	8.70	11.40
		At medium low fan speed	kW	6.40	7.30	10.30
		At low fan speed	kW	5.40	5.80	9.00
Heating capacity	Total capacity	At high fan speed	kW	10.00	12.50	16.00
		At medium high fan speed	kW	9.10	10.90	14.10
		At medium fan speed	kW	8.30	9.30	12.80
		At medium low fan speed	kW	7.10	7.70	11.30
		At low fan speed	kW	5.90	6.00	9.80
Power input - 50Hz	Cooling	At high fan speed	kW	0.090	0.120	0.190
		At medium high fan speed	kW	0.069	0.083	0.152
		At medium fan speed	kW	0.051	0.055	0.119
		At medium low fan speed	kW	0.037	0.035	0.084
		At low fan speed	kW	0.028	0.023	0.057
	Heating	At high fan speed	kW	0.090	0.120	0.190
		At medium high fan speed	kW	0.069	0.083	0.152
		At medium fan speed	kW	0.051	0.055	0.119
		At medium low fan speed	kW	0.037	0.035	0.084
		At low fan speed	kW	0.028	0.023	0.057
Power input - 60Hz	Cooling	At high fan speed	kW	0.090	0.120	0.190
	Heating	At high fan speed	kW	0.090	0.120	0.190
Dimensions	Unit	Height	mm	246		288
		Width	mm	840		
		Depth	mm	840		
	Packed unit	Height	mm	260		300
		Width	mm	882		
		Depth	mm	882		
Weight	Unit	kg		24		26
	Packed unit	kg		27		29
Casing	Material			Galvanised steel plate		
Heat exchanger	Inside length		mm	2,090		
	Outside length		mm	2,184		
	Rows	Quantity		3		
	Fin pitch		mm	1.20		
Heat exchanger	Passes	Quantity		14		17
	Face area		m ²	0.464		0.556
	Stages	Quantity		15		18
	Tube type			Ø5 HI-XA		
	Fin	Type		Cross fin coil (Multi slit fins and Ø5HI-XA tubes)		

2 Specifications

1 - 1 FXFA-A

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Technical specifications					FXFA80A	FXFA100A	FXFA125A
Fan	Type				Turbo fan		
	Quantity				1		
Air flow rate - 50Hz	Cooling	At high fan speed	m³/min	23.3	28.8	33.0	
		At medium high fan speed	m³/min	21.7	25.1	30.2	
		At medium fan speed	m³/min	19.3	21.2	27.4	
		At medium low fan speed	m³/min	16.5	17.5	24.0	
		At low fan speed	m³/min	13.8		20.6	
		At high fan speed	m³/min	23.3	29.0	33.0	
	Heating	At medium high fan speed	m³/min	21.7	25.1	30.2	
		At medium fan speed	m³/min	19.3	21.2	27.4	
		At medium low fan speed	m³/min	16.5	17.5	24.0	
		At low fan speed	m³/min	13.8		20.6	
		Cooling	At high fan speed	cfm	823	1,017	1,165
			At medium high fan speed	cfm	766	886	1,067
	At medium low fan speed		cfm	583	618	848	
	At medium fan speed		cfm	682	749	968	
	At low fan speed		cfm	487		727	
	Heating		At high fan speed	cfm	823	1,024	1,165
		At medium high fan speed	cfm	766	886	1,067	
		At medium fan speed	cfm	682	749	968	
At medium low fan speed		cfm	583	618	848		
At low fan speed		cfm	487		727		
Sound power level		Cooling	At high fan speed	dB(A)	55.0	60.0	61.0
Sound pressure level	Cooling	At high fan speed	dB(A)	38.0	43.0	45.0	
		At medium high fan speed	dB(A)	36.0	41.0	43.0	
		At medium fan speed	dB(A)	34.0	37.0	41.0	
		At medium low fan speed	dB(A)	32.0	34.0	39.0	
		At low fan speed	dB(A)	30.0		36.0	
	Heating	At high fan speed	dB(A)	38.0	43.0	45.0	
		At medium high fan speed	dB(A)	36.0	41.0	43.0	
		At medium fan speed	dB(A)	34.0	37.0	41.0	
		At medium low fan speed	dB(A)	32.0	34.0	39.0	
		At low fan speed	dB(A)	30.0		36.0	
Fan motor	Quantity				1		
Refrigerant	Speed	Steps	5				
	Type	R-32					
Piping connections	GWP	675.0					
	Liquid	Type	Flare connection				
OD		mm	6.35	9.52			
	Gas	Type	Flare connection				
		OD	mm	12.70	15.90		
Piping connections	Drain				VP25 (O.D. 32 / I.D. 25)		
	Heat insulation				Foamed polystyrene / Foamed polyethylene		
	Sound absorbing insulation				Foamed polyurethane		
Decoration panel	Model				BYCQ140E2W1 / BYCQ140E2W1W / BYCQ140E2W1B		
	Dimensions	Height	mm	65			
		Width	mm	950			
		Depth	mm	950			
	Weight	kg	5.5				
Decoration panel 2	Model				BYCQ140E2GFW1 / BYCQ140E2GFW1B		
	Dimensions	Height	mm	148			
		Width	mm	950			
		Depth	mm	950			
	Weight	kg	10.3				

2 Specifications

1 - 1 FXFA-A

Technical specifications				FXFA80A	FXFA100A	FXFA125A
Decoration panel 3	Model			BYCQ140E2P / BYCQ140E2PB		
	Dimensions	Height	mm	106		
		Width	mm	950		
		Depth	mm	950		
	Weight		kg	6.5		
Air filter	Type			Resin net		
Safety devices	Item	01		PC board fuse		
		02		Fan motor overcurrent protector		
Control systems	Infrared remote control			BRC7FA532F / BRC7FB532F / BRC7FA532FB / BRC7FB532FB		
	Wired remote control			BRC1H52W/S/K		

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

Standard accessories: Drain hose; Quantity: 1;

Standard accessories: Clamp for drain hose; Quantity: 1;

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

Standard accessories: Screws; Quantity: 4;

Standard accessories: Installation guide; Quantity: 1;

Standard accessories: Insulation for fitting; Quantity: 2;

Standard accessories: Sealing pads; Quantity: 1;

Standard accessories: Wire clamp material; Quantity: 7;

Standard accessories: Clamps; Quantity: 1;

Electrical specifications				FXFA20A	FXFA25A	FXFA32A	FXFA40A	FXFA50A	FXFA63A
Power supply	Phase			1~					
	Frequency			50/60					
	Voltage			220-240/220					
Current - 50Hz	Minimum circuit amps (MCA)			A	0.2	-	-	0.3	-
	Maximum fuse amps (MFA)			A	6	-	-	-	-
	Full load amps (FLA) Total			A	0.2	-	-	0.3	-
Current - 60Hz	Minimum circuit amps (MCA)			A	0.2	-	-	0.3	-
	Maximum fuse amps (MFA)			A	6	-	-	-	-
	Full load amps (FLA) Total			A	0.2	-	-	0.3	-

Electrical specifications				FXFA80A	FXFA100A	FXFA125A
Current - 50Hz	Minimum circuit amps (MCA)			A	0.6	0.8
	Full load amps (FLA) Total			A	0.5	0.7
Current - 60Hz	Minimum circuit amps (MCA)			A	0.6	0.8
	Full load amps (FLA) Total			A	0.5	0.7

(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)BYCQ140E2WI: pure white standard panel with grey louvers; BYCQ140E2WIW: pure white standard panel with white louvers; BYCQ140E2WIB: black standard panel with black louvers. |

(10)The BYCQ140E2WIW has white insulations. Be informed that formation of dirt on white insulation is visibly stronger and that it is consequently not advised to install the BYCQ140E2WIW decoration panel in environments exposed to concentrations of dirt. |

(11)Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

FXFA-A

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Model name	Power supply					IFM	Power input [W]		Notes	
Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	FLA	Cooling	Heating		
FXFA20A2VEB	50	220-240	Minimum · 50-Hz · 198-V	0,3	6	0,2	38	38	Voltage range 1)The units are suitable for use with electrical systems in which the voltage supplied to the unit terminals is not below or above the listed range limits. 2)Use a circuit breaker instead of a fuse. 3)Select the wire size according to the MCA. 4)The maximum allowable voltage that is unbalanced between phases is -2-%. 5) MCA = 1.1 × FLA	
FXFA25A2VEB		220-240		0,3	6	0,2	38	38		
FXFA32A2VEB		220-240		0,3	6	0,2	38	38		
FXFA40A2VEB		220-240		0,3	6	0,2	38	38		
FXFA50A2VEB		220-240		0,4	6	0,3	53	53		
FXFA63A2VEB		220-240	Maximum · 50-Hz · 264-V	0,4	6	0,3	61	61		
FXFA80A2VEB		220-240		0,6	6	0,5	92	92		
FXFA100A2VEB		220-240		0,8	6	0,7	115	115		
FXFA125A2VEB		220-240		1,3	6	1,2	186	186		
FXFA20A2VEB	60	220	Minimum · 50-Hz · 198-V	0,3	6	0,2	38	38		Symbols MCA: Minimum Circuit Ampere [A] MFA: Maximum Fuse Ampere [A] IFM: Indoor fan motor FLA: Full Load Ampere [A]
FXFA25A2VEB		220		0,3	6	0,2	38	38		
FXFA32A2VEB		220		0,3	6	0,2	38	38		
FXFA40A2VEB		220		0,3	6	0,2	38	38		
FXFA50A2VEB		220		0,4	6	0,3	53	53		
FXFA63A2VEB		220	Maximum · 60-Hz · 242-V	0,4	6	0,3	61	61		
FXFA80A2VEB		220		0,6	6	0,5	92	92		
FXFA100A2VEB		220		0,8	6	0,7	115	115		
FXFA125A2VEB		220		1,3	6	1,2	186	186		

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4 Safety device settings

4 - 1 Safety Device Settings

FXFA-A

Safety devices		FXFQ20-63BVEB FXFA20-63A2VEB	FXFQ80-125BVEB FXFA80-125A2VEB
PCB fuse		250V, 3.15A	250V, 3.15A
Fan motor overcurrent protection	Nominal	0,92A	1,49A
Fan motor thermal protector	Maximum	---	---
Drain pump fuse		---	---

4D121692A

5 Options

5 - 1 Options

FXFA-A

Option kit		Product name	Availability
Decoration panel	Standard	BYCQ140E2W1	✓
	White	BYCQ140E2W1W (2)	✓
	Black	BYCQ140E2W1B	✓
Designer decoration panel		BYCQ140E2P	✓
Designer decoration panel	Black	BYCQ140E2PB	✓
Self-cleaning decoration panel (with fine filter)		BYCQ140E2GFW1 (3)(4)(5)	✓
Self-cleaning decoration panel (with fine filter)	Black	BYCQ140E2GFW1B (3)(4)(5)	✓
Long-life replacement filter		KAFP551K160	✓
Chamber [part of fresh air intake kit (-20% fresh air)]		KDDP55C160-1 (6)(7)	✓
Diffuser from chamber to duct [part of fresh air intake kit (-20% fresh air)]		KDDP55D160-2 (6)(7)	✓
Air discharge outlet sealing member		KDBHQ56B140 (6)	✓
Sensor kit		BRVQ140B8 (8)	✓
Sensor kit	Black	BRVQ140B8B (9)	✓
Sensor kit (for designer decoration panel)		BRVQ140C8 (16)	✓
Sensor kit (for designer decoration panel)	Black	BRVQ140C8B (17)	✓
Wireless remote control		BRC7FA532F (6)(10)(18)	✓
Wireless remote control	Black	BRC7FA532FB (6)(11)(18)	✓
Wireless remote control (for designer decoration panel)		BRC7FB532F (6)(16)(18)	✓
Wireless remote control (for designer decoration panel)	Black	BRC7FB532FB (6)(17)(18)	✓
Wired remote control		BRC1H52W/S/K	✓
Wiring adaptor for electrical appendices -1-		KRP1BA58 (6)(13)	✓
Wiring adaptor for electrical appendices -2-		KRP4A53 (6)(13)	✓
Wiring adaptor (hour meter)		EKR1C12 (6)(13)	✓
Remote sensor		KRC501-7B	✓
Installation box for adaptor PCB		KRP1H98A (6)	✓
Installation box for adaptor PCB		KRP1BC101	✓
Central remote control		DCS302CS1	✓
Unified ON/OFF controller		DCS301B51	✓
Electrical box with earth terminal (-2- blocks)		KJB212AA	✓
Electrical box with earth terminal (-3- blocks)		KJB311AA	✓
Schedule timer		DST301BA51	✓
iTouch Controller		DCS601CS1	✓
Digital input adaptor		BRP7A53 (13)(14)	✓
Intelligent Touch Manager		DCM601A51	✓
Intelligent Tablet Controller		DCC601A51	✓
Relay PCB		ERP01A51 (12)	✓
Wire harness for external wireless temperature sensor		EKEWTSC-2 (19)	✓
Wi-Fi adaptor for smartphones		BRP069CS1 (15)	✓

For notes and symbols, refer to page -2-.

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FXFA-A

Notes

- ① All options are kits
- ② This option has white insulation.
Be aware that dirt formation is more easily visible on white insulation.
It is recommended not to install this option in environments with a high concentration of dirt.
- ③ To be able to control option ·BYCQ140E2GFW1 / BYCQ140E2GFW1B·, controller ·BRC1H52· is required.
- ④ Option ·BYCQ140E2GFW1 / BYCQ140E2GFW1B· cannot be used with ·VRV IV-S·, multi, and non-inverter split outdoor units.
- ⑤ This option is suitable for all applications, except for use in environments that are greasy, or have high humidity.
- ⑥ This option cannot be combined with ·BYCQ140E2GFW1 / BYCQ140E2GFW1B·.
- ⑦ Both parts of the fresh air intake kit are required for each unit.
- ⑧ Only possible in combination with ·BYCQ140E2W1 / BYCQ140E2W1W / BYCQ140E2GFW1·.
- ⑨ Only possible in combination with ·BYCQ140E2W1B / BYCQ140E2GFW1B·.
- ⑩ Only possible in combination with ·BYCQ140E2W1 / BYCQ140E2W1W·.
- ⑪ Only possible in combination with ·BYCQ140E2W1B·.
- ⑫ Requires installation box for adaptor PCB ·KRP1BC101·.
- ⑬ Requires installation box for adaptor PCB ·KRP1H98A·.
- ⑭ Only possible in combination with remote control ·BRC1H52·.
- ⑮ Only possible in combination with wired or wireless remote control (e.g. ·BRC1H52, BRC7F·).
- ⑯ Only possible in combination with ·BYCQ140E2P·.
- ⑰ Only possible in combination with ·BYCQ140E2PB·.
- ⑱ The active airflow circulation function is not available for this controller.
- ⑲ ·EKEWTSC-2· 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.

3D128835

6 Capacity tables

6 - 1 Cooling Capacity Tables

FXFA-A

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]	
		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]	
		TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC	TC	SHC
20	H	1,3	1,1	1,6	1,3	2,0	1,5	2,2	1,5	2,4	1,6	2,8	1,7	3,2	1,8
	HM	Correction factor -0.94 × H-													
	M	Correction factor -0.89 × H-													
	ML	Correction factor -0.83 × H-													
	L	Correction factor -0.77 × H-													
25	H	1,6	1,6	2,1	1,7	2,6	1,9	2,8	2,0	3,0	2,0	3,6	2,1	4,1	2,1
	HM	Correction factor -0.94 × H-													
	M	Correction factor -0.89 × H-													
	ML	Correction factor -0.83 × H-													
	L	Correction factor -0.77 × H-													
32	H	2,1	1,8	2,7	2,1	3,3	2,5	3,6	2,5	3,9	2,6	4,6	2,8	5,3	2,9
	HM	Correction factor -0.95 × H-													
	M	Correction factor -0.89 × H-													
	ML	Correction factor -0.83 × H-													
	L	Correction factor -0.77 × H-													
40	H	2,6	2,1	3,3	2,6	4,1	3,0	4,5	3,1	4,9	3,2	5,8	3,4	6,7	3,6
	HM	Correction factor -0.94 × H-													
	M	Correction factor -0.88 × H-													
	ML	Correction factor -0.82 × H-													
	L	Correction factor -0.76 × H-													
50	H	3,1	2,6	4,1	3,1	5,1	3,6	5,6	3,8	6,2	3,9	7,3	4,2	8,5	4,5
	HM	Correction factor -0.93 × H-													
	M	Correction factor -0.87 × H-													
	ML	Correction factor -0.80 × H-													
	L	Correction factor -0.73 × H-													
63	H	4,0	3,3	5,2	3,9	6,4	4,6	7,1	4,8	7,8	5,0	9,2	5,4	10,8	5,7
	HM	Correction factor -0.91 × H-													
	M	Correction factor -0.83 × H-													
	ML	Correction factor -0.75 × H-													
	L	Correction factor -0.67 × H-													
80	H	5,1	4,2	6,6	5,0	8,2	5,8	9,0	6,1	9,9	6,3	11,7	6,8	13,6	7,3
	HM	Correction factor -0.91 × H-													
	M	Correction factor -0.82 × H-													
	ML	Correction factor -0.71 × H-													
	L	Correction factor -0.61 × H-													
100	H	6,1	5,3	8,2	6,4	10,2	7,4	11,2	7,7	12,2	8,0	14,4	8,6	16,7	9,1
	HM	Correction factor -0.89 × H-													
	M	Correction factor -0.78 × H-													
	ML	Correction factor -0.66 × H-													
	L	Correction factor -0.53 × H-													
125	H	8,0	6,7	10,3	8,0	12,7	9,3	14,0	9,7	15,3	10,0	18,0	10,7	20,9	11,4
	HM	Correction factor -0.89 × H-													
	M	Correction factor -0.83 × H-													
	ML	Correction factor -0.74 × H-													
	L	Correction factor -0.64 × H-													

Notes

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

3D129252

6 Capacity tables

6 - 2 Heating Capacity Tables

FXFA-A

6

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
20	H	2,9	2,7	2,5	2,4	2,3	2,1
	MH	Correction factor · 0.93 × H·					
	M	Correction factor · 0.86 × H·					
	ML	Correction factor · 0.79 × H·					
	L	Correction factor · 0.72 × H·					
25	H	3,7	3,5	3,2	3,1	2,9	2,7
	MH	Correction factor · 0.93 × H·					
	M	Correction factor · 0.86 × H·					
	ML	Correction factor · 0.79 × H·					
	L	Correction factor · 0.72 × H·					
32	H	4,7	4,3	4,0	3,8	3,7	3,3
	MH	Correction factor · 0.93 × H·					
	M	Correction factor · 0.86 × H·					
	ML	Correction factor · 0.79 × H·					
	L	Correction factor · 0.72 × H·					
40	H	5,8	5,4	5,0	4,8	4,6	4,2
	MH	Correction factor · 0.93 × H·					
	M	Correction factor · 0.87 × H·					
	ML	Correction factor · 0.80 × H·					
	L	Correction factor · 0.73 × H·					
50	H	7,4	6,8	6,3	6,0	5,8	5,3
	MH	Correction factor · 0.93 × H·					
	M	Correction factor · 0.86 × H·					
	ML	Correction factor · 0.79 × H·					
	L	Correction factor · 0.72 × H·					
63	H	9,4	8,7	8,0	7,7	7,3	6,7
	MH	Correction factor · 0.90 × H·					
	M	Correction factor · 0.81 × H·					
	ML	Correction factor · 0.73 × H·					
	L	Correction factor · 0.65 × H·					
80	H	11,7	10,8	10,0	9,6	9,2	8,3
	MH	Correction factor · 0.92 × H·					
	M	Correction factor · 0.83 × H·					
	ML	Correction factor · 0.72 × H·					
	L	Correction factor · 0.60 × H·					
100	H	14,6	13,5	12,5	12,0	11,5	10,4
	MH	Correction factor · 0.87 × H·					
	M	Correction factor · 0.75 × H·					
	ML	Correction factor · 0.62 × H·					
	L	Correction factor · 0.50 × H·					
125	H	18,7	17,3	16,0	15,3	14,7	13,4
	MH	Correction factor · 0.88 × H·					
	M	Correction factor · 0.81 × H·					
	ML	Correction factor · 0.71 × H·					
	L	Correction factor · 0.62 × H·					

Notes

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

3D129278

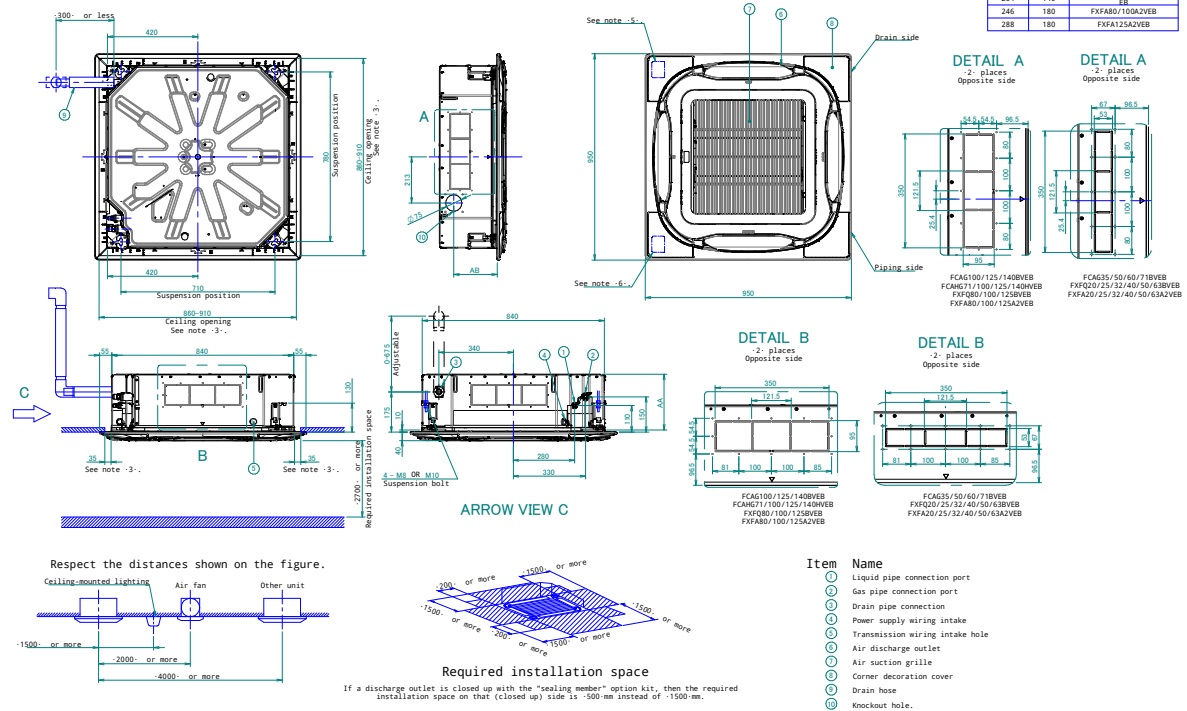
7 Dimensional drawings

7 - 1 Dimensional Drawings

FXFA-A

Notes

- Location of nameplate
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
- When installing optional accessories, refer to their respective documentation.
- Make sure the distance between the ceiling and the cassette does not exceed -910mm.
The maximum ceiling opening is -910mm.
- When the conditions in the ceiling exceed 30°C ambient temperature and 80% relative humidity, or when fresh air is inducted into the ceiling, additional insulation is required (polyethylene foam, thickness 50mm).
- When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.
- When installing a wireless controller, there will be a receiver on this location. For details, see the drawing of the wireless controller.

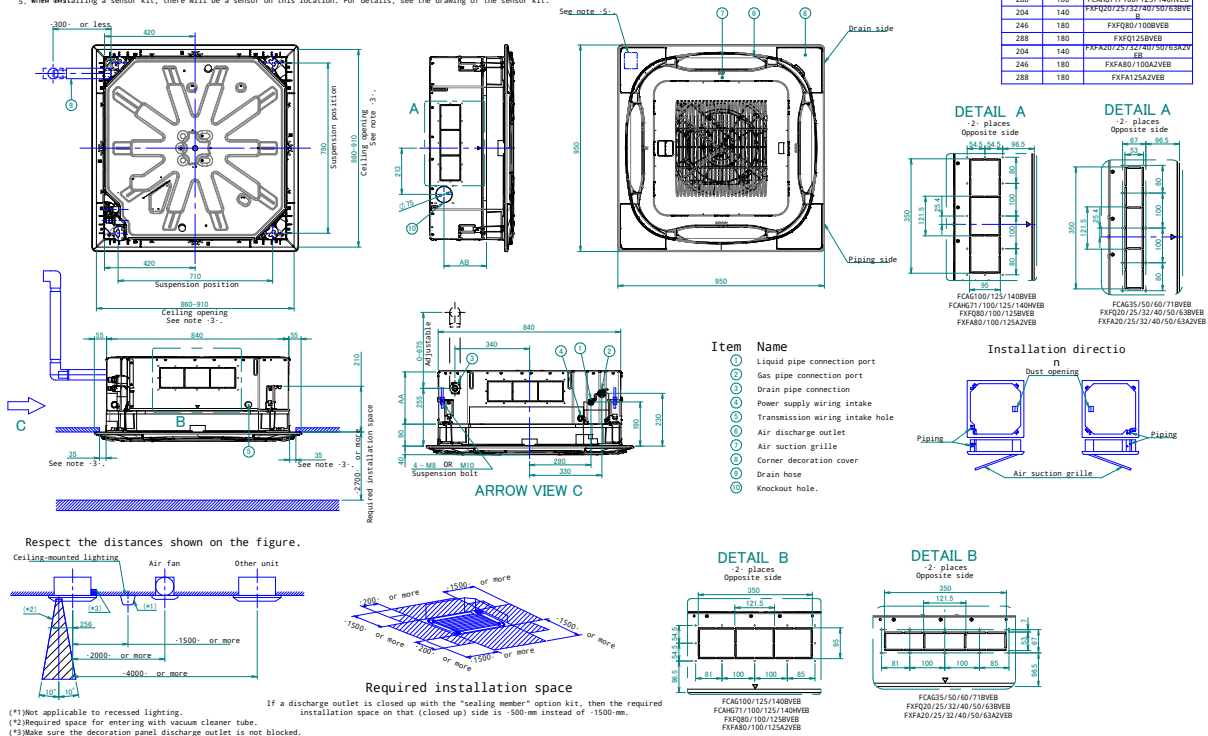


2D121655B

FXFA-A

Notes

- Location of nameplate
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
- When installing optional accessories, refer to their respective documentation.
- Make sure the distance between the ceiling and the cassette does not exceed -910mm.
The maximum ceiling opening is -910mm.
- When the conditions in the ceiling exceed 30°C ambient temperature and 80% relative humidity, or when fresh air is inducted into the ceiling, additional insulation is required (polyethylene foam, thickness 50mm).
- When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.



2D121658B

7 Dimensional drawings

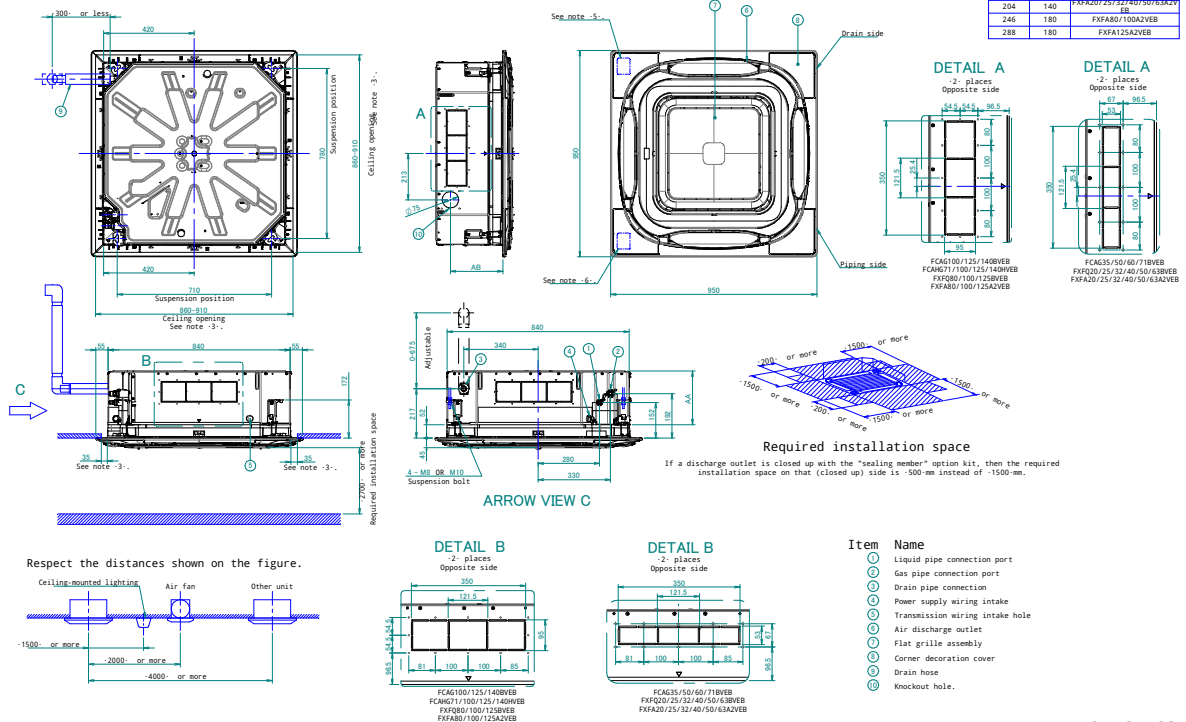
7 - 1 Dimensional Drawings

FXFA-A

Notes

1. Location of nameplate
The unit nameplate is located on the control box cover.
The decoration panel nameplate is located on the piping-side panel frame, under the corner cover.
2. When installing optional accessories, refer to their respective documentation.
3. Make sure the distance between the ceiling and the cassette does not exceed -35 mm.
The maximum ceiling opening is -910 mm.
4. When the conditions in the ceiling exceed 30°C ambient temperature and 80% relative humidity, or when fresh air is inducted into the ceiling, additional insulation is required (polyethylene foam, thickness ≥ 10 mm).
5. When installing a sensor kit, there will be a sensor on this location. For details, see the drawing of the sensor kit.
6. When installing a wireless controller, there will be a receiver on this location. For details, see the drawing of the wireless controller.

AA	AB	Model
204	140	FCAG35/50/60/71/8VEB
246	180	FCAG100/125/140/8VEB
288	180	FCAG67/100/125/140/8VEB
204	140	FXFQ20/25/32/40/50/63/8VEB
246	180	FXFQ80/100/8VEB
288	180	FXFQ125/8VEB
204	140	FXFA20/25/32/40/50/63/8VEB
246	180	FXFA80/100/8VEB
288	180	FXFA125/8VEB



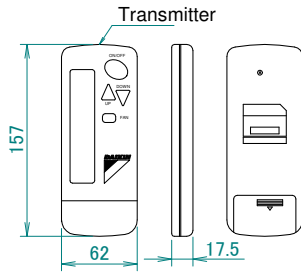
2D121703B

7 Dimensional drawings

7 - 2 Dimensional Drawings with Accessories

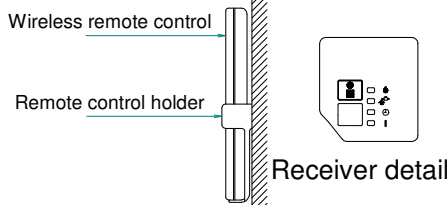
FXFA-A

Remote control dimensions

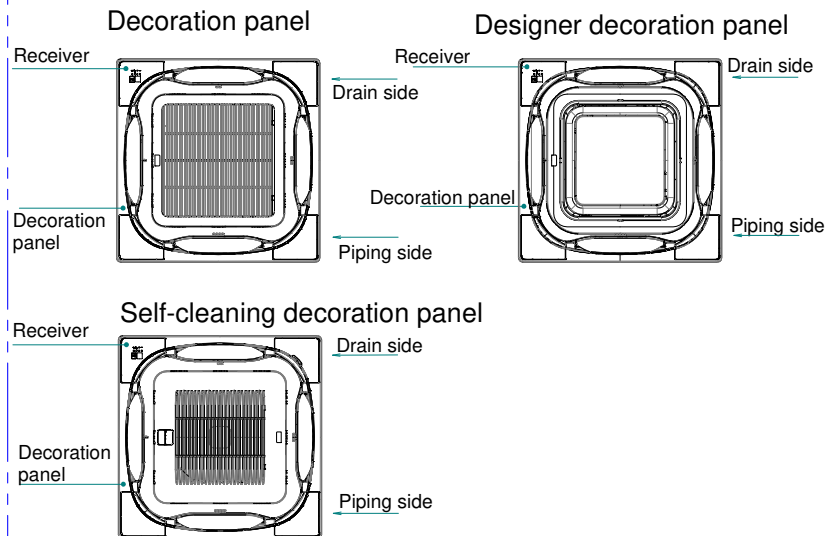


Remote control holder

Installation methods
Installation to wall surface



Installation methods

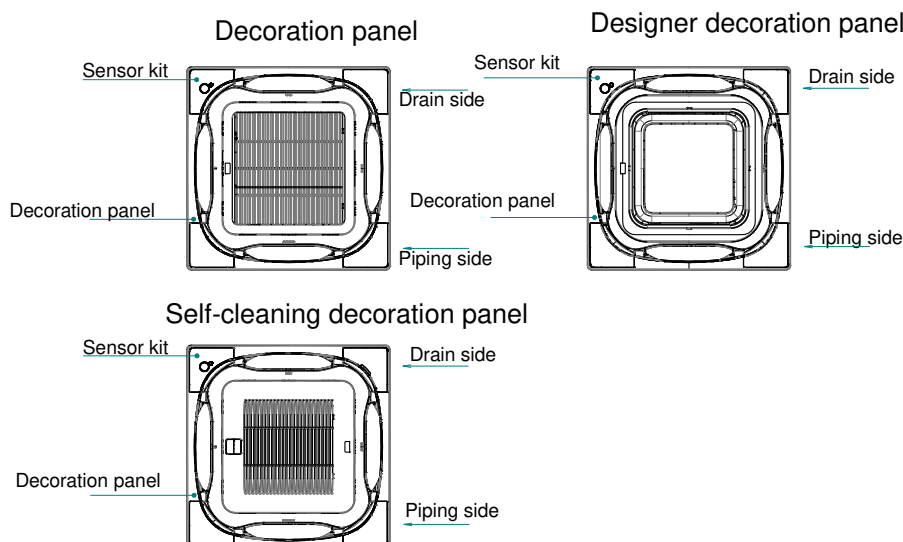


Front panel	Model name	Option
Decoration panel	BYCQ140E2W1(W)	BRC7FA532F
	BYCQ140E2W1B	BRC7FA532FB
Self-cleaning decoration panel	BYCQ140E2GFW1	BRC7FA532F
	BYCQ140E2GFW1B	BRC7FA532FB
Designer decoration panel	BYCQ140E2P	BRC7FB532F
	BYCQ140E2PB	BRC7FB532FB

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FXFA-A

Installation methods



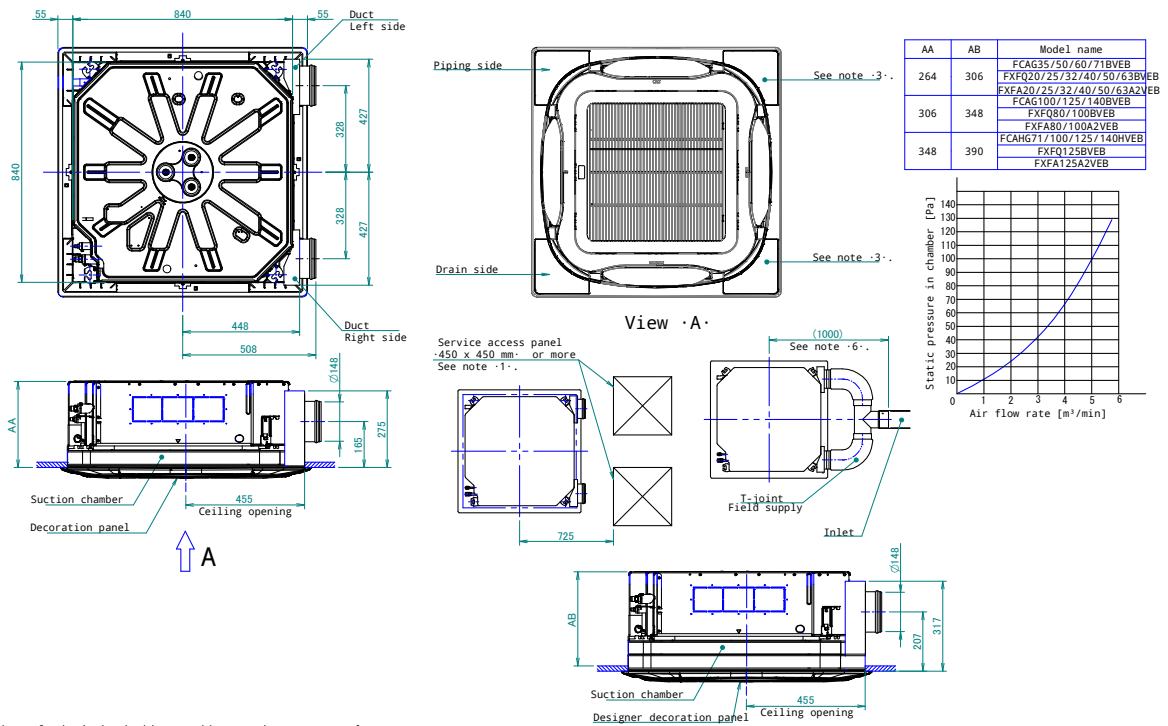
Front panel	Model name	Option
Decoration panel	BYCQ140E2W1(W)	BRYQ140B8
	BYCQ140E2W1B	BRYQ140B8B
Self-cleaning decoration panel	BYCQ140E2GFW1	BRYQ140B8
	BYCQ140E2GFW1B	BRYQ140B8B
Designer decoration panel	BYCQ140E2P	BRYQ140C8
	BYCQ140E2PB	BRYQ140C8B

3D121755

7 Dimensional drawings

7 - 3 Dimensional Drawings with Fresh Air Intake

FXFA-A



Notes

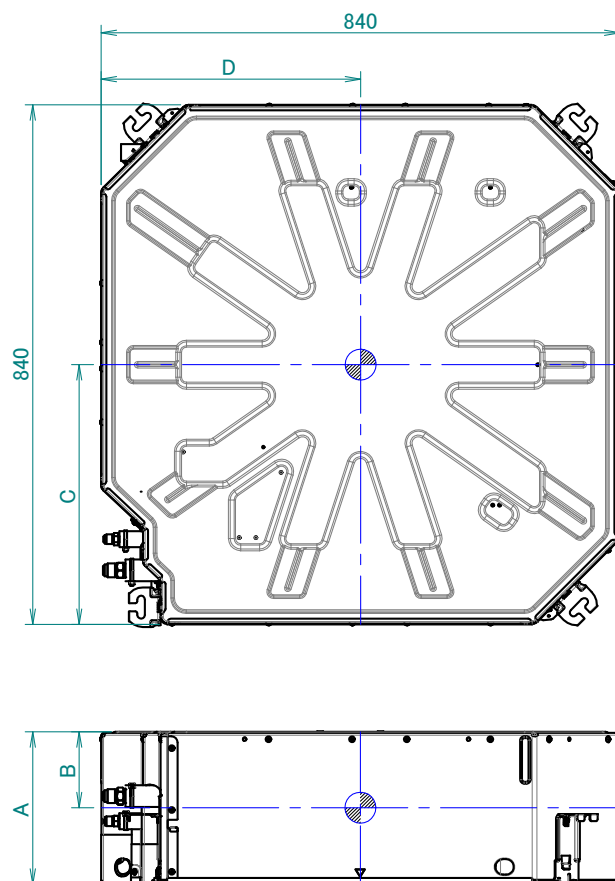
- When installing a fresh air intake kit, provide a service access panel.
- Field construction
- This corner discharge outlet needs to be closed.
- When installing a duct fan, use a wiring adapter to link the duct fan to the fan of the indoor unit.
- The intake air flow rate is recommended to be ≤20% of the air flow rate at high fan speed.
- If the intake air flow rate is too large, the operating sound may increase, and the detection of the indoor unit suction temperature may be affected.
- This indicates the distance between the T-joint inlet and the indoor unit inlet when the T-tube is connected.

3D121741A

8 Centre of gravity

8 - 1 Centre of Gravity

FXFA-A



Model	A	B	C	D
FCAG35~71BVEB	204	70	400	405
FCAG100~140BVEB	246	100	400	405
FCAG671~140HVEB	288	135	400	405
FXFQ20~63BVEB, FXFA20~63A2VEB	204	70	395	400
FXFQ80~100BVEB, FXFA80~100A2VEB	246	100	395	400
FXFQ125BVEB, FXFA125A2VEB	288	135	395	400

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9 Piping diagrams

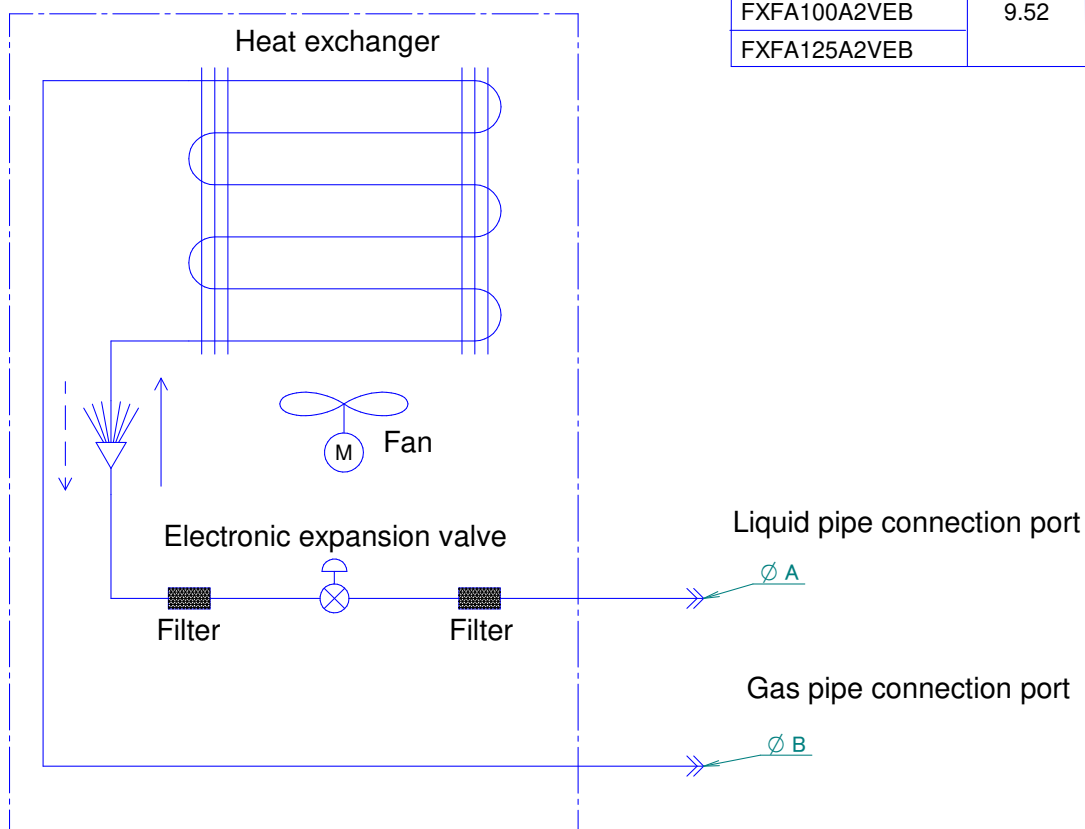
9 - 1 Piping Diagrams

FXFA-A

Refrigerant flow

Cooling ————>

Heating - - - ->



Model	A	B
FXFA20A2VEB	6.35	9.52
FXFA25A2VEB		
FXFA32A2VEB		12.7
FXFA40A2VEB		
FXFA50A2VEB		
FXFA63A2VEB	9.52	15.9
FXFA80A2VEB		
FXFA100A2VEB		
FXFA125A2VEB		

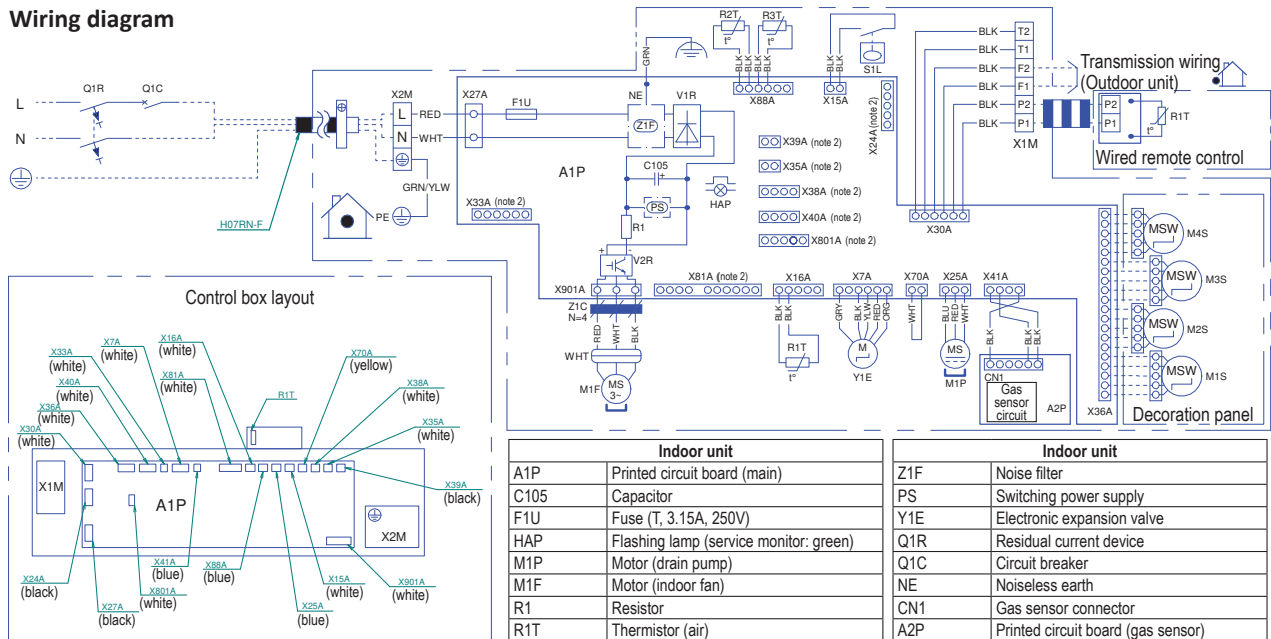
4D126209

10 Wiring diagrams

10 - 1 Wiring Diagrams - Single Phase

FXFA-A

Wiring diagram



NOTES

1. : terminal block, : connector, : field wiring
2. X24A, X33A, X35A, X38A, X39A, X40A, X81A, X801A are connected when optional accessories are being used, see wiring diagram of this accessory.

WIRE COLOURS

BLK: black, RED: red, BLU: blue, WHT: white, YLW: yellow, GRN: green, BRN: brown, PNK: pink, GRY: grey, ORG: orange

Indoor unit	
A1P	Printed circuit board (main)
C105	Capacitor
F1U	Fuse (T, 3.15A, 250V)
HAP	Flashing lamp (service monitor: green)
M1P	Motor (drain pump)
M1F	Motor (indoor fan)
R1	Resistor
R1T	Thermistor (air)
R2T, R3T	Thermistor (coil)
S1L	Float switch (drain pump)
V1R	Diode bridge
V2R	Igbt power module
X7A-X901A	Connector
X1M	Terminal block (remote controller)
X2M	Terminal block (power supply)
Z1C	Ferrite core

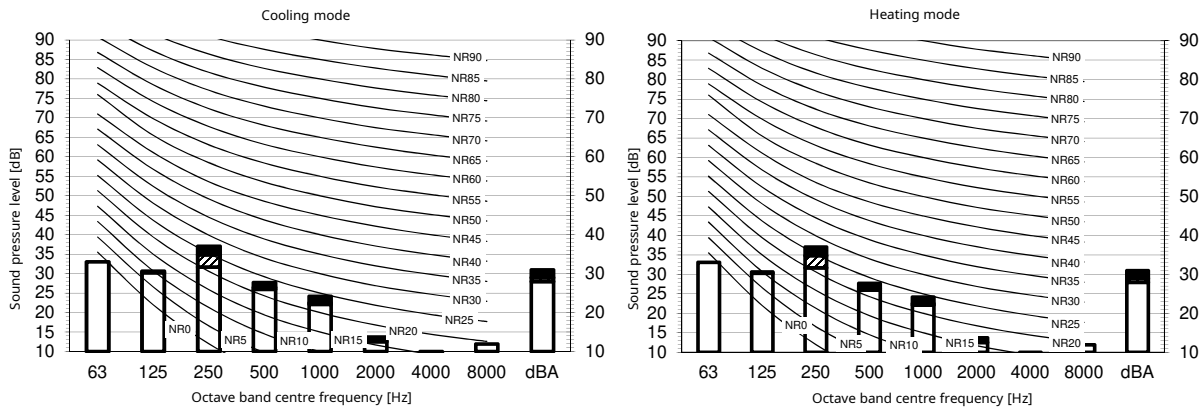
Indoor unit	
Z1F	Noise filter
PS	Switching power supply
Y1E	Electronic expansion valve
Q1R	Residual current device
Q1C	Circuit breaker
NE	Noiseless earth
CN1	Gas sensor connector
A2P	Printed circuit board (gas sensor)
Wired remote control	
R1T	Thermistor (air)
Decoration panel	
M1S-M4S	Motor (swing blade)

3D128222

11 Sound data

11 - 1 Sound Pressure Spectrum

FXFA20A

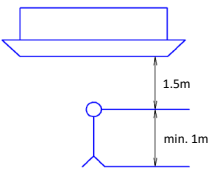


Legend
dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale Fan speed

B High
C Medium
D Low

Location of microphone



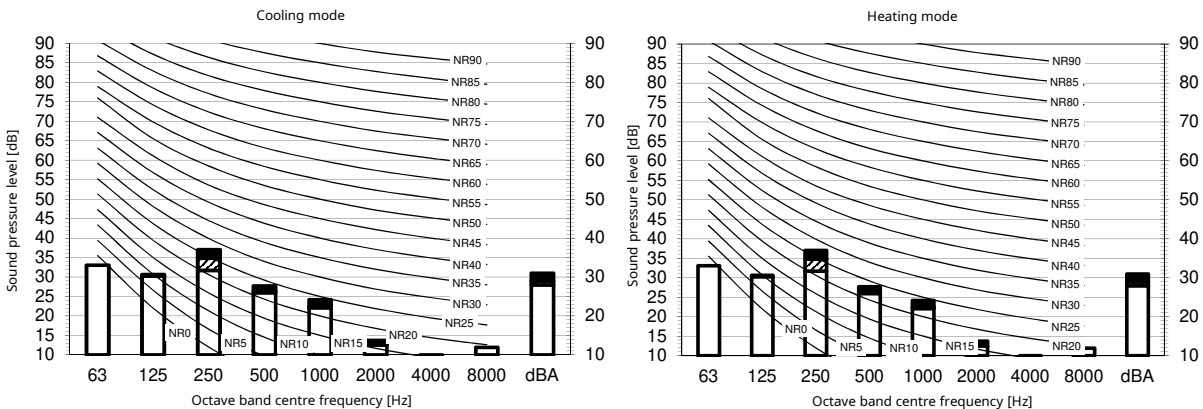
Cooling Total dB				Heating Total dB			
A	B	C	D	A	B	C	D
dBA	31,0	29,0	28,0	dBA	31,0	29,0	28,0

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

3D121671A

FXFA25A

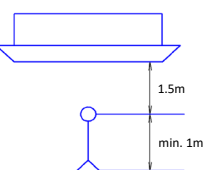


Legend
dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale Fan speed

B High
C Medium
D Low

Location of microphone



Cooling Total dB				Heating Total dB			
A	B	C	D	A	B	C	D
dBA	31,0	29,0	28,0	dBA	31,0	29,0	28,0

Notes

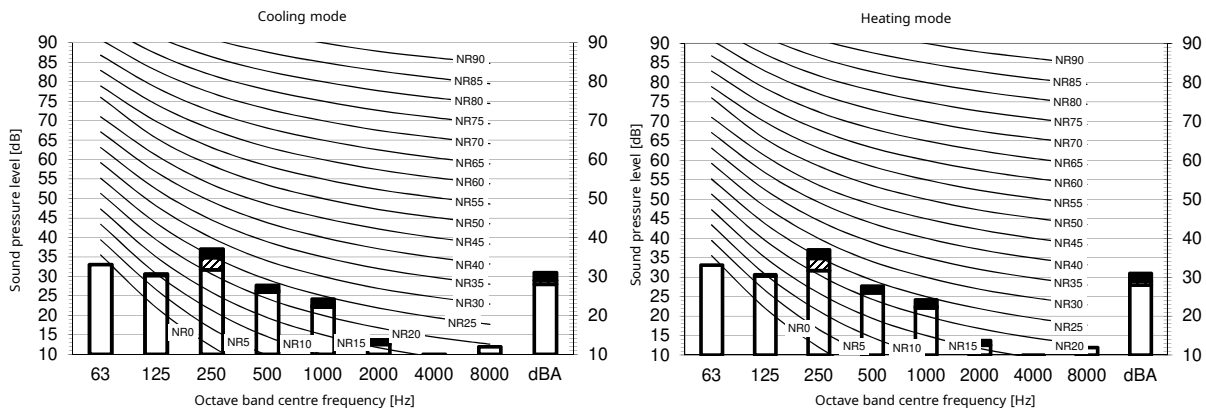
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

3D121672A

11 Sound data

11 - 1 Sound Pressure Spectrum

FXFA32A



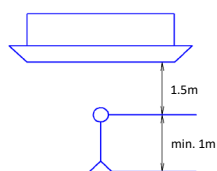
Legend

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	31,0	29,0	28,0

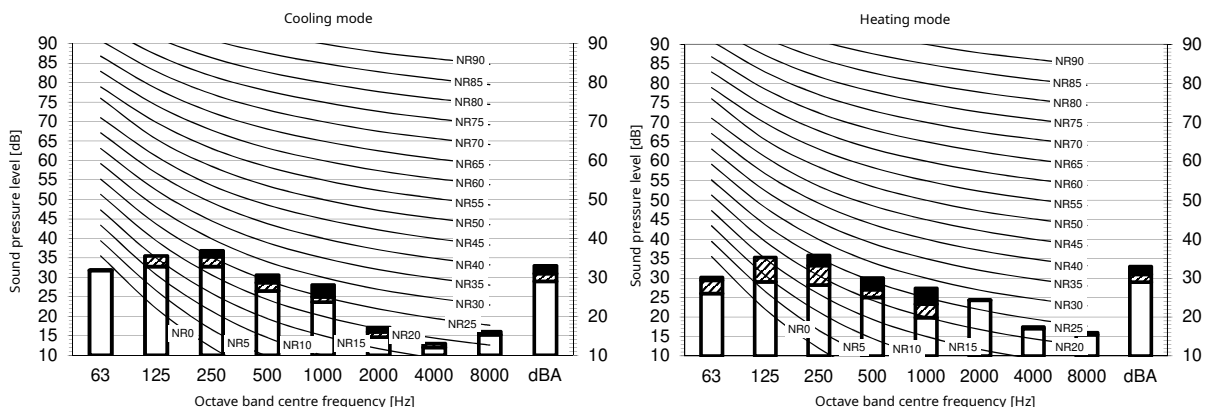
Heating		Total dB	
A	B	C	D
dBA	31,0	29,0	28,0

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

3D121673A

FXFA40A



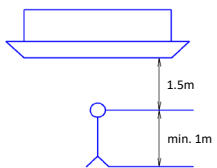
Legend

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	33,0	31,0	29,0

Heating		Total dB	
A	B	C	D
dBA	33,0	31,0	29,0

Notes

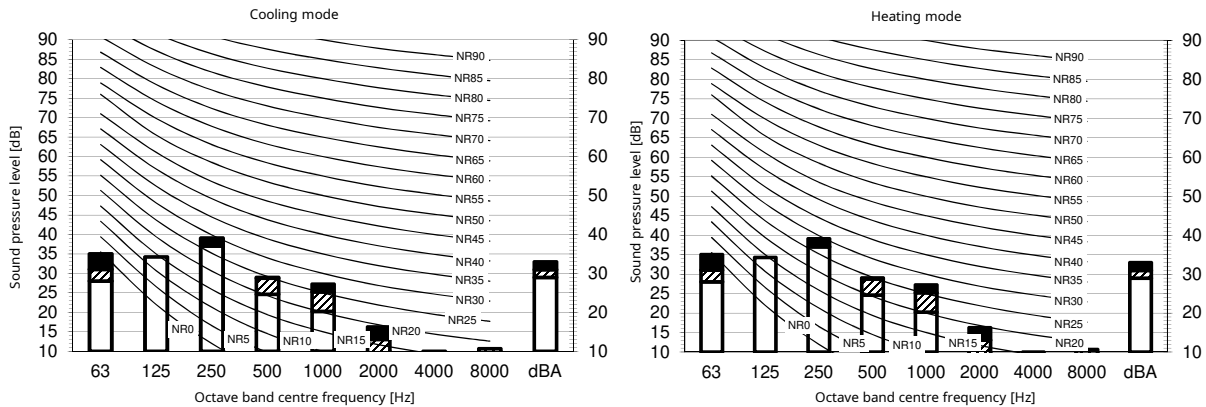
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

3D121674A

11 Sound data

11 - 1 Sound Pressure Spectrum

FXFA50A



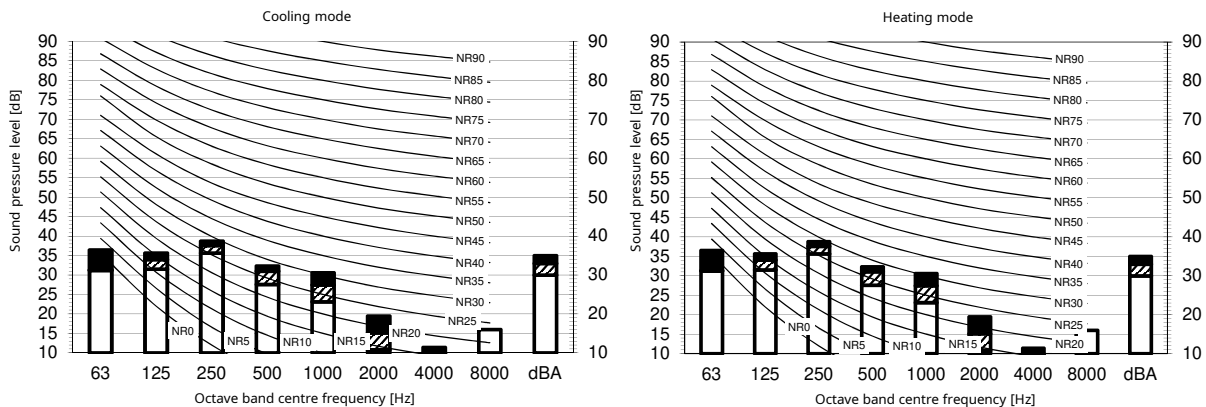
Cooling Total dB			
A	B	C	D
dBA	33,0	31,0	29,0

Heating Total dB			
A	B	C	D
dBA	33,0	31,0	29,0

- 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

3D121675A

FXFA63A



Cooling Total dB			
A	B	C	D
dBA	35,0	33,0	30,0

Heating Total dB			
A	B	C	D
dBA	35,0	33,0	30,0

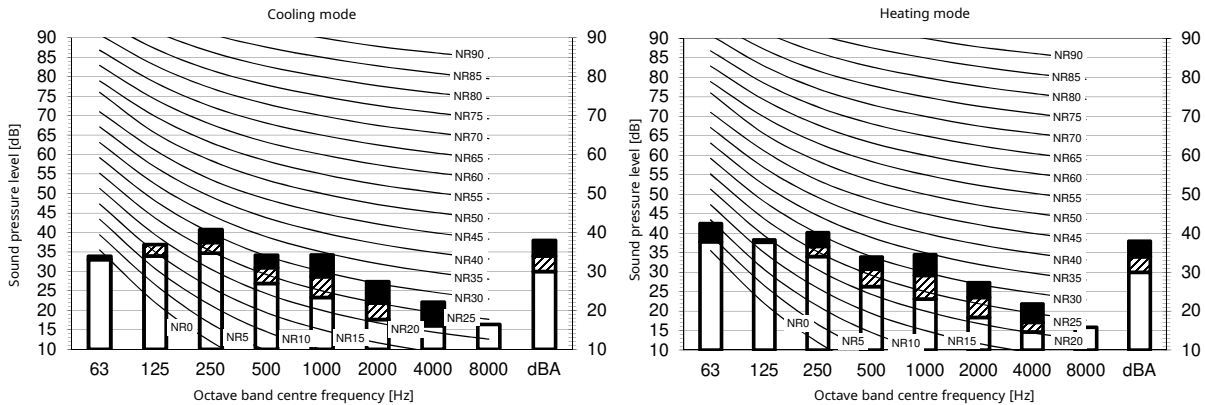
- Notes
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
 - Background noise already taken into account.
 - Operating noise varies depending on operation and ambient conditions.
 - The operation noise measuring method is in accordance with JISC9612.
 - Measuring location: anechoic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

3D121676A

11 Sound data

11 - 1 Sound Pressure Spectrum

FXFA80A



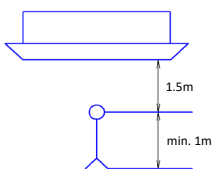
Legend

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	38,0	34,0	30,0

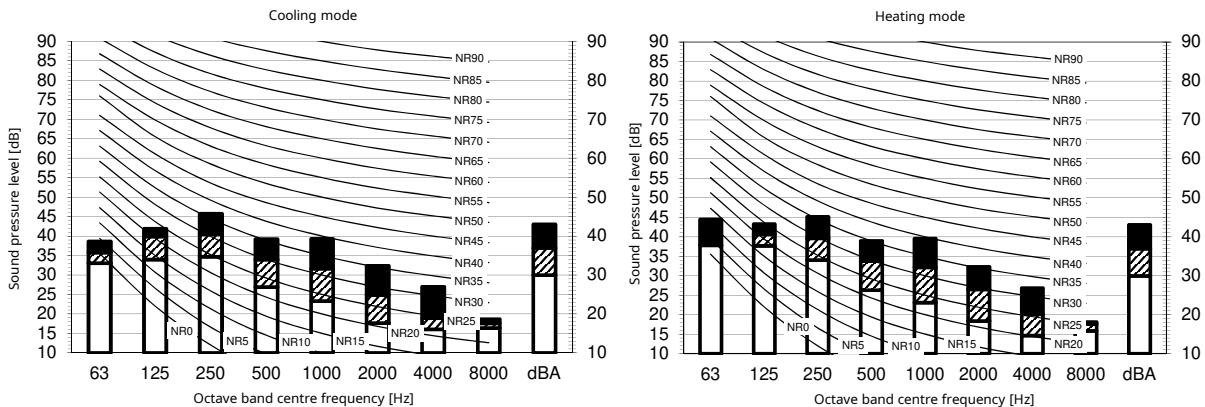
Heating Total dB			
A	B	C	D
dBA	38,0	34,0	30,0

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

3D121677A

FXFA100A



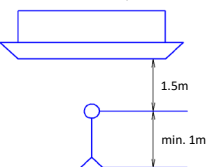
Legend

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	43,0	37,0	30,0

Heating Total dB			
A	B	C	D
dBA	43,0	37,0	30,0

Notes

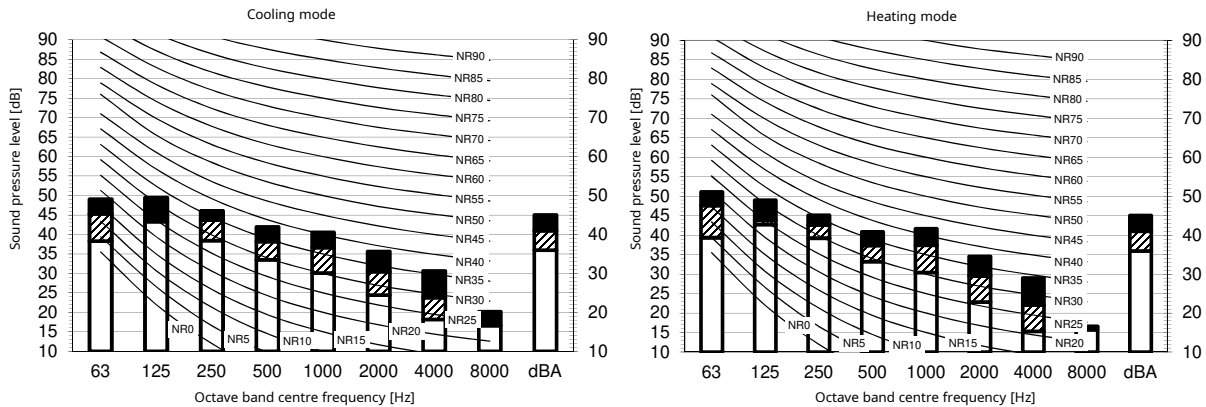
- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber

3D121678A

11 Sound data

11 - 1 Sound Pressure Spectrum

FXFA125A



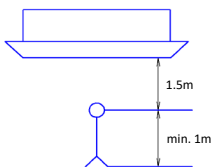
Legend

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	45,0	41,0	36,0

Heating Total dB

A	B	C	D
dBA	45,0	41,0	36,0

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

3D121679A

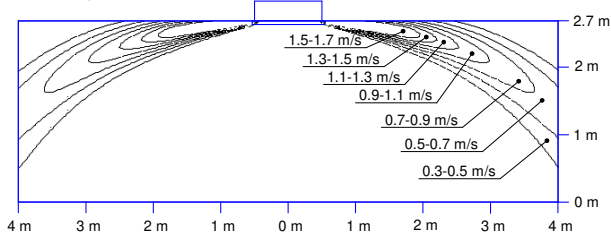
12 Air flow patterns

12 - 1 Air flow pattern - Cooling and Heating

FXFA20-32A

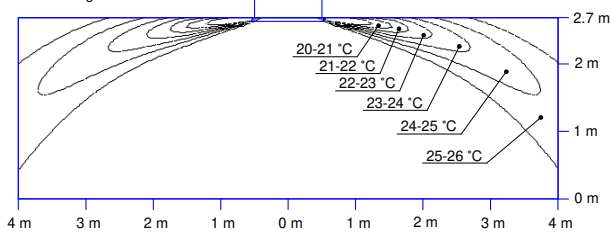
Air velocity distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



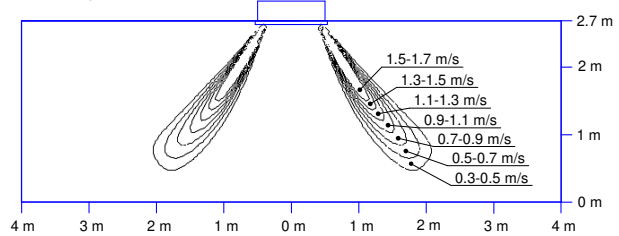
Air temperature distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



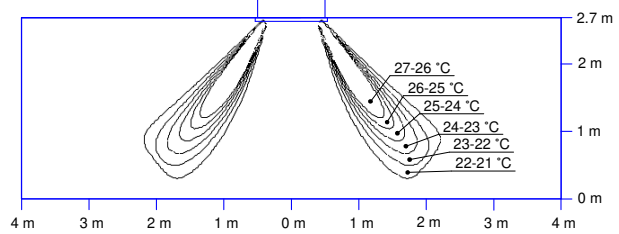
Air velocity distribution (heating)

Air flow direction: vertical
Air discharge: all-round



Air temperature distribution (heating)

Air flow direction: vertical
Air discharge: all-round

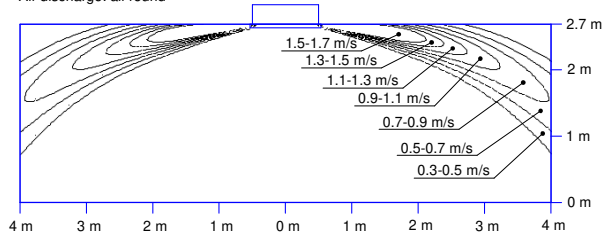


3D121627A

FXFA40A

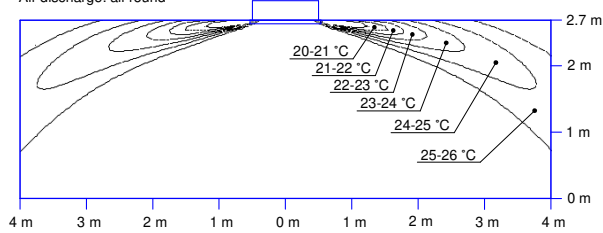
Air velocity distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



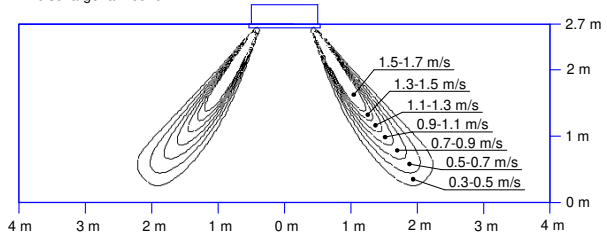
Air temperature distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



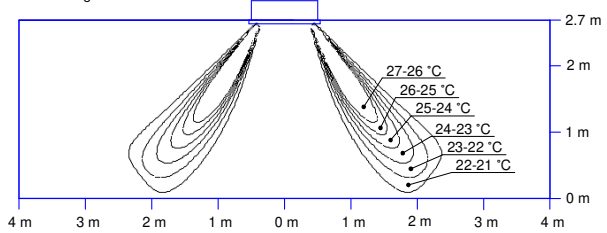
Air velocity distribution (heating)

Air flow direction: vertical
Air discharge: all-round



Air temperature distribution (heating)

Air flow direction: vertical
Air discharge: all-round



3D121620A

12 Air flow patterns

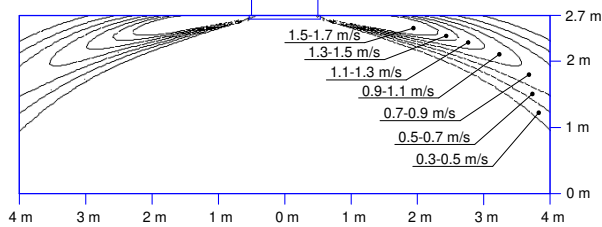
12 - 1 Air flow pattern - Cooling and Heating

12

FXFA50A

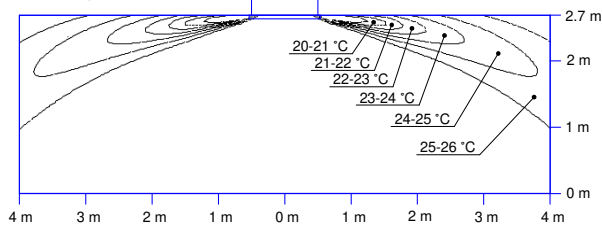
Air velocity distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



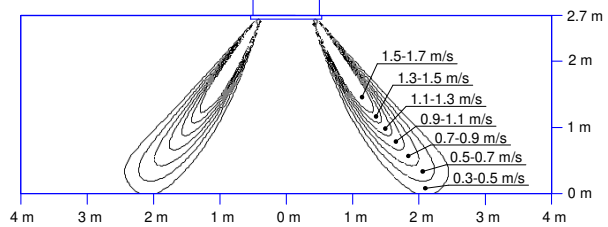
Air temperature distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



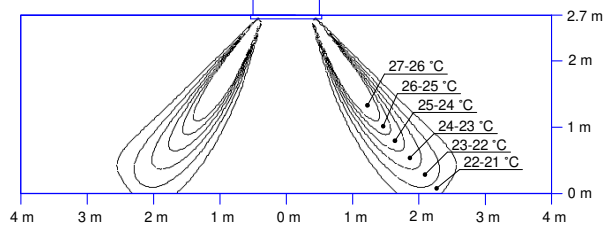
Air velocity distribution (heating)

Air flow direction: vertical
Air discharge: all-round



Air temperature distribution (heating)

Air flow direction: vertical
Air discharge: all-round

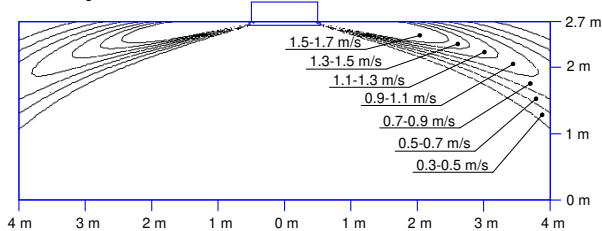


3D121621A

FXFA63A

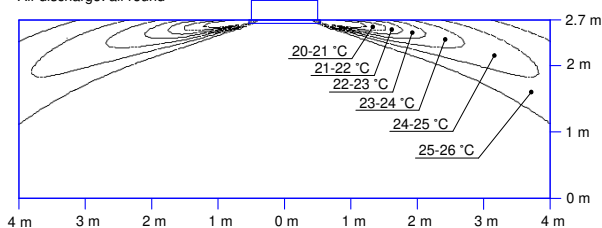
Air velocity distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



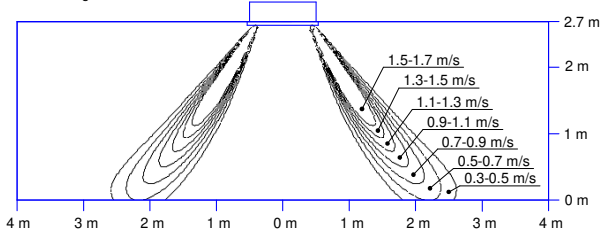
Air temperature distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



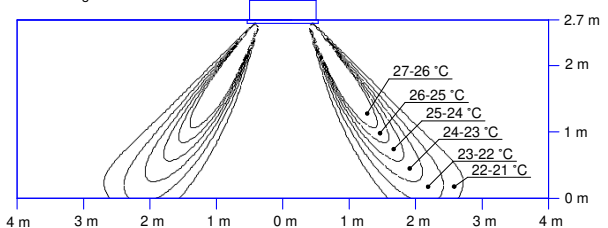
Air velocity distribution (heating)

Air flow direction: vertical
Air discharge: all-round



Air temperature distribution (heating)

Air flow direction: vertical
Air discharge: all-round



3D121628A

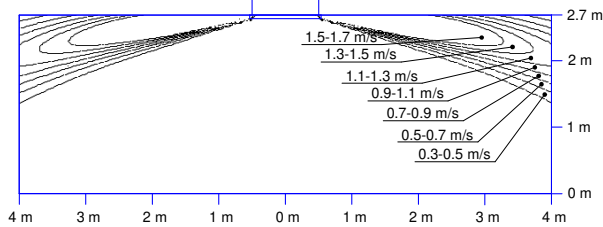
12 Air flow patterns

12 - 1 Air flow pattern - Cooling and Heating

FXFA80A

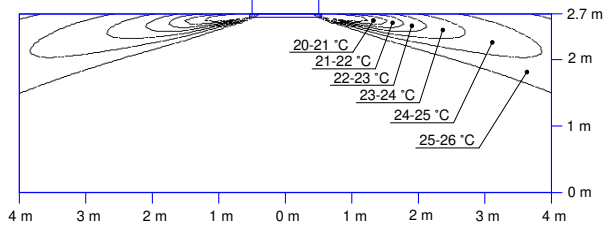
Air velocity distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



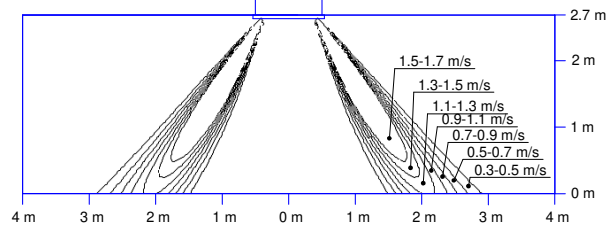
Air temperature distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



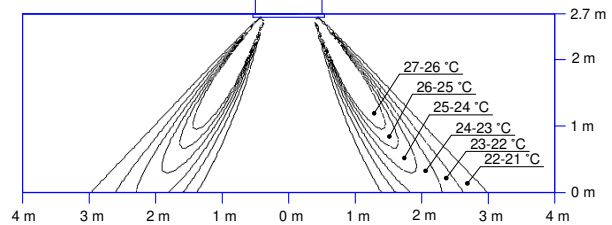
Air velocity distribution (heating)

Air flow direction: vertical
Air discharge: all-round



Air temperature distribution (heating)

Air flow direction: vertical
Air discharge: all-round

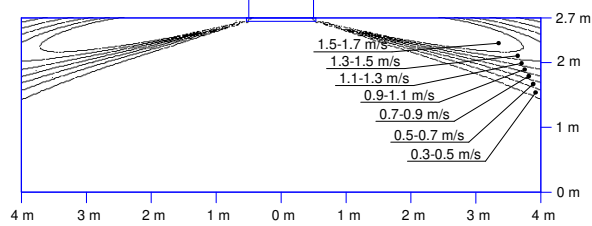


3D121622A

FXFA100A

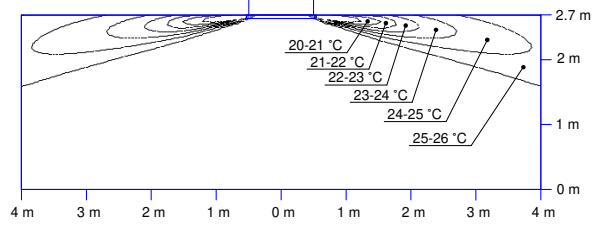
Air velocity distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



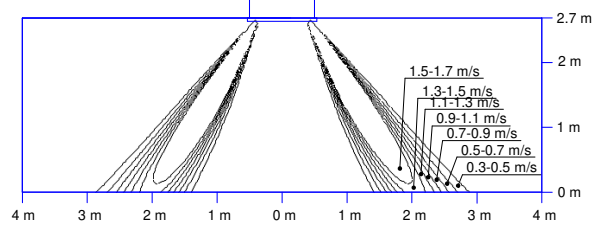
Air temperature distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



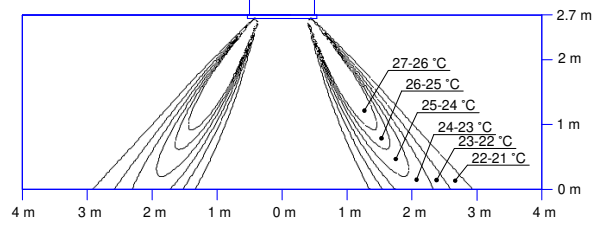
Air velocity distribution (heating)

Air flow direction: vertical
Air discharge: all-round



Air temperature distribution (heating)

Air flow direction: vertical
Air discharge: all-round



3D121629A

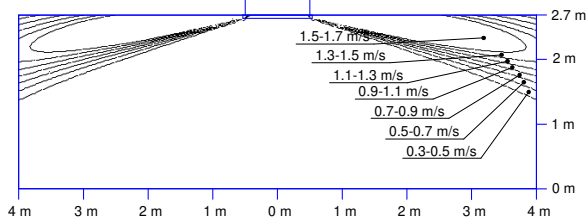
12 Air flow patterns

12 - 1 Air flow pattern - Cooling and Heating

FXFA125A

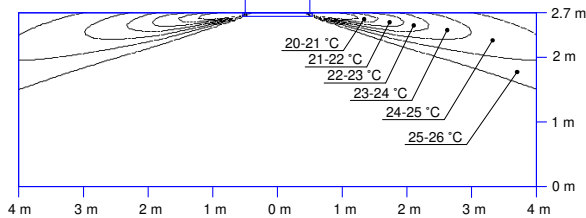
Air velocity distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



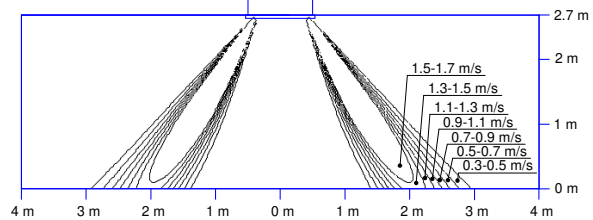
Air temperature distribution (cooling)

Air flow direction: horizontal
Air discharge: all-round



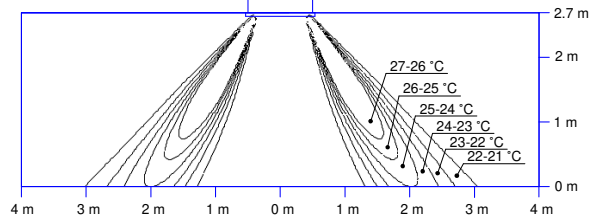
Air velocity distribution (heating)

Air flow direction: vertical
Air discharge: all-round

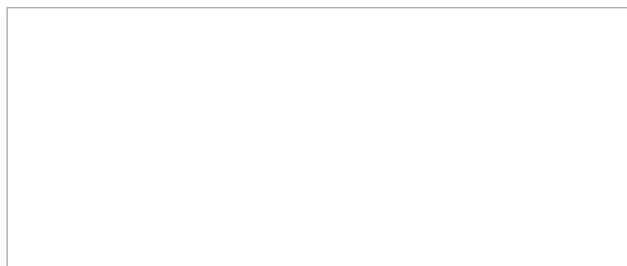


Air temperature distribution (heating)

Air flow direction: vertical
Air discharge: all-round



3D121630A



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07/2020



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9600+

объектов и поставок

от 1 дня

отгрузка в транспортную компанию

Технические данные файла

Документ: Технические характеристики Daikin FXFA-A

Идентификатор библиотеки: LIB-002377

Исходный файл: daikin-fxfa-a-tehnicheskie-harakteristiki.pdf

SHA-256 оригинала: a8a229e2df498f2d6a71269b762fad8f3a3f849ea6f093f404fb399c073fe10f

Постоянная ссылка: <https://iclim.ru/library/daikin-fxfa-a-tehnicheskie-harakteristiki.pdf>

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