Wall mounted unit Air Conditioning Technical Data

FTXM-A

FTXM20A5V1B
FTXM20A2V1B
FTXM25A5V1B
FTXM25A2V1B
FTXM35A5V1B
FTXM35A2V1B
FTXM42A5V1B
FTXM42A2V1B
FTXM50A2V1B
FTXM50A5V1B

EEDEN24

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FTXM-A

1 Features

1 - 1 FTXM-A

Attractive, wall mounted design with perfect indoor air quality

1

- Seasonal efficiency values up to A+++ in cooling and heating in pair and multi
- Comfort+: perfect comfort with homogeneous temperature throughout the room. The double flaps direct the air towards the ceiling in heating and along the wall in heating.
- 2 area motion detection sensor: air flow is sent to a zone other than where the person is located at that moment; if no people are detected, the unit will automatically switch over to the energy-efficient setting.
- Heat boost quickly heats up your home when starting up your air conditioner. Set temperature is reached 14% faster than a regular air conditioner (pair only)
- Purifies the air of viruses, bacteria and fine dust thanks to the efficient dust filter
- Using electrons to trigger chemical reactions with air borne particles, the Flash Streamer breaks down allergens such as pollen and fungal allergens and removes bothersome odours providing a better, cleaner air
- Silver allergen removal and air purifying filter captures allergens such as pollen to ensure a steady supply of clean air
- Voice command via Amazon Alexa or Google Assistant to control main functions such as set point, operation mode, fan speed, etc
- Onecta app: control your indoor from any location with an app, via your local network or internet.
- Quiet operation: down to 19dBA sound pressure level
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces


Heat boost


Comfort+


Econo mode


2 area motion detection sensor


Energy saving during standby mode


Night set mode


Fan only


Powerful mode

Auto cooling-heating changeover

1 Features

1 - 1 FTXM-A


Whisper quiet


Indoor unit silent operation


Outdoor unit silent operation

3-D air flow


Vertical auto swing


Horizontal auto swing

Auto fan speed

Dry programme


Silver allergen removal and air purifying filter

Flash Streamer


Practically inaudible


Titanium apatite deodorising filter


Air purification filter

Weekly timer


Infrared remote control


Wired remote control


Centralised control

Onecta via app

Auto-restart


Self diagnosis


Multi model application

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20A	FTXM20A	FTXM25A	FTXM25A	FTXM35A	FTXM35A
Power input	Cooling			kW	0.019				0.029	
	Heating			kW	0.018				0.019	
Casing	Colour				White					
Dimensions	Unit	Height		mm	298					
		Width		mm	804					
		Depth		mm	252					
	Packed unit	Height		mm	350					
		Width		mm	875					
		Depth		mm	380					
Weight	Unit			kg	11.5					
	Packed unit			kg	13					
Packing	Weight			kg	2					
Heat exchanger	Length			mm	622					
	Rows	Quantity			2					
	Fin pitch			mm	1.40					
	Face area			m^2	0.214					
	Stages	Quantity			18					
	Passes	Quantity			2.20				2.40	
	Tube type				ø5 Hi-XB					
	Tube material				Copper					
	Tube diameter			mm	5					
	Fin	Type			Multi slit fin					
Heat exchanger 2	Quantity				2				1	
	Length			mm	622					
	Rows	Quantity			1					
	Fin pitch			mm	1.40					
	Face area			m^2	0.047				0.094	
	Stages	Quantity			4				8	
Heat exchanger 3	Length			mm	-				622	
	Rows	Quantity			-				1	
	Fin pitch			mm	-				1.40	
	Stages	Quantity			-				4	
Fan	Type				Cross flow fan					
	Air flow rate	Cooling	High	m^3/min	11.9				13.2	
				cfm	420				466	
			Medium	m^3/min	8.9				9.4	
Fan	Air flow rate	Cooling	Medium	cfm	314				332	
			Low	m^3/min	6.3				7.1	
				cfm	222				251	
			Silent operation	m^3/min	4.9				4.6	
				cfm	173				162	
		Heating	High	m^3/min	11.4				11.1	
				cfm	403				392	
			Medium	m^3/min	9.2				9.4	
				cfm	325				332	
			Low	m^3/min	6.9					
				cfm	244					
			Silent operation	m^3/min	4.9				5.1	
				cfm	173				180	
Fan motor	Model				DFH04E1VA					
	Speed	Steps			5 + silent, + auto					
		Cooling	High	rpm	900				1,040	
			Medium	rpm	720				800	
			Low	rpm	570				670	
			Silent operation	rpm	480					
		Heating	High	rpm	880				890	
			Medium	rpm	750				790	
			Low	rpm	620				650	
			Silent operation	rpm	500				530	
	Output	Rated		W	35					
Sound power level	Cooling			dBA	54				58	
	Heating			dBA	53					
Sound pressure level	Cooling	High		dBA	41				45	
		Medium		dBA	33				37	
		Low		dBA	25				29	
		Silent operation		dBA	19					
	Heating	High		dBA	39					
		Medium		dBA	34				35	
		Low		dBA	26		27		28	
		Silent operation		dBA	20					
Refrigerant	Type				R-32					
	GWP				675					

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20A	FTXM20A	FTXM25A	FTXM25A	FTXM35A	FTXM35A
Heat exchanger 3	Quantity			mm	-				1	
Piping connections	Liquid	OD		mm	6.4					
	Gas	OD		mm	9.5					
	Drain				16					
	Heat insulation				Both liquid and gas pipes					
Air filter	Type				Removable / washable					
Air direction control					Right, Left, Horizontal, Downward					
Temperature control					Microcomputer control					
Control systems	Infrared remote control				ARC466A86					
	Wired remote control				BRC073A1					

Technical specifications					FTXM42A	FTXM42A	FTXM50A	FTXM50A
Power input	Cooling			kW	0.031		0.034	
	Heating			kW	0.035		0.036	
Casing	Colour				White			
Dimensions	Unit	Height		mm	298			
		Width		mm	804			
		Depth		mm	252			
	Packed unit	Height		mm	350			
		Width		mm	875			
		Depth		mm	380			
Weight	Unit			kg	11.5			
	Packed unit			kg	13			
Packing	Weight			kg	2			
Heat exchanger	Length			mm	622			
	Rows	Quantity			2			
	Fin pitch			mm	1.40			
	Face area			m^2	0.214			
	Stages	Quantity			18			
	Passes	Quantity			3.43			
	Tube type				ø5 Hi-XB			
	Tube material				Copper			
	Tube diameter			mm	5			
	Fin	Type			Multi slit fin			
Heat exchanger 2	Quantity				1			
	Length			mm	622			
	Rows	Quantity			1			
	Fin pitch			mm	1.40			
	Face area			m^2	0.094			
	Stages	Quantity			8			
Heat exchanger 3	Length			mm	622			
	Rows	Quantity			1			
	Fin pitch			mm	1.40			
	Stages	Quantity			4			
Fan	Type				Cross flow fan			
	Air flow rate	Cooling	High	m^3/min	13.3		12.7	
				cfm	470		448	
			Medium	m^3/min	9.8		10.4	
Fan	Air flow rate	Cooling	Medium	cfm	346		367	
			Low	m^3/min	7.2		7.8	
				cfm	254		275	
			Silent operation	m^3/min	5.0		5.9	
				cfm	177		208	
		Heating	High	m^3/min	14.0		14.5	
				cfm	494		512	
			Medium	m^3/min	10.0		11.5	
				cfm	353		406	
			Low	m^3/min	7.1		8.6	
				cfm	251		304	
			Silent operation	m^3/min	5.3		6.9	
				cfm	187		244	
Fan motor	Model				DFH04E1VA			
	Speed	Steps			5 + silent, + auto			
		Cooling	High	rpm	1,060		1,090	
			Medium	rpm	850		890	
			Low	rpm	680		720	
			Silent operation	rpm	510		600	
		Heating	High	rpm	1,100		1,110	
			Medium	rpm	860		950	
			Low	rpm	690		780	
			Silent operation	rpm	540		650	
	Output	Rated		W	35			

2 Specifications

2 - 1 Specifications

Technical specifications				FTXM42A	FTXM42A	FTXM50A	FTXM50A
Sound power level	Cooling		dBA	60			
	Heating		dBA	60			
Sound pressure level	Cooling	High	dBA	45		46	
		Medium	dBA	38		40	
		Low	dBA	30		33	
		Silent operation	dBA	21		27	
	Heating	High	dBA	45		46	
		Medium	dBA	37		41	
		Low	dBA	29		34	
		Silent operation	dBA	21		31	
Refrigerant	Type			R-32			
	GWP			675			
Heat exchanger 3	Quantity		mm	1			
Piping connections	Liquid	OD	mm	6.4			
	Gas	OD	mm	9.5		12.7	
	Drain			16			
	Heat insulation			Both liquid and gas pipes			
Air filter	Type			Removable / washable			
Air direction control				Right, Left, Horizontal, Downward			
Temperature control				Microcomputer control			
Control systems	Infrared remote control			ARC466A86			
	Wired remote control			BRC073A1			

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Operation manual;Quantity: 1;

Standard accessories: Wireless remote control;Quantity: 1;

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

Standard accessories: Screw bag;Quantity: 1;

Standard accessories: Remote control holder;Quantity: 1;

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

Standard accessories: Silver particle filter;Quantity: 1;

Standard accessories: Screw cover;Quantity: 2;

Standard accessories: Installation plate;Quantity: 1;

Electrical specifications				FTXM20A	FTXM20A	FTXM25A	FTXM25A	FTXM35A	FTXM35A
Power supply	Name			V1					
	Phase			1~					
	Frequency		Hz	50					
	Voltage		V	220-240					
Wiring connections - 50Hz	For power supply	Quantity		3					
		Remark		3 for power supply, 4 for interunit wiring (Earth wire included)					
Current	Nominal running current (RLA)	Cooling	A	0.3				0.4	

Electrical specifications				FTXM42A	FTXM42A	FTXM50A	FTXM50A
Power supply	Name			V1			
	Phase			1~			
	Frequency		Hz	50			
	Voltage		V	220-240			
Wiring connections - 50Hz	For power supply	Quantity		3			
		Remark		3 for power supply, 4 for interunit wiring (Earth wire included)			
Current	Nominal running current (RLA)	Cooling	A	0.4			

Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m |
Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m

3 Options

3 - 1 Options

ATXM-A
CTXM-A
FTXM-A

Option kit	Product name	Remark New Perfera	Remark New floor stand	Remark Emura 3	Remark Zeta S
Wired remote control	BRC073A1	②③	②③	②③	②③
Extension cord for wired remote control (·3·m)	BRCW901A03				
Extension cord for wired remote control (·8·m)	BRCW901A08				
Intelligent Tablet Controller	DCC601A51	②③	②③	②③	②③
Wiring adaptor (normal open contact - normal open pulse contact)	KRP413AB1S		②③	②③	②③
Interface adaptor for DIII-NET	KRP928BB2S		②③	②③	②③
Central remote control	DCS302CA51	②③	②③	②③	②③
Unified ON/OFF controller	DCS301BA51	②③	②③	②③	②③
Schedule timer	DST301BA51	②③	②③	②③	④
Intelligent Touch Manager	DCM601A5A	②③	②③	②③	②③
·Modbus· interface	EKMBDXA7V1	②③	②③	②③	②③
Modbus gateway	RTD-RA	②③	②③	②③	②③
·KNX· interface	KLIC-DD	②③	②③	②③	②③
Titanium apatite deodorising filter without frame	KAF970A46	①	①	①	①
Silver particle filter (Ag-ion) with frame	KAF057A41	①		①	①
Conversion wire harness	EKRS21				

		OHS Perfera		OHS Emura 3		OHS New floor standing	Zeta																				
Factory		DICz		DICz		DICz	A2 :DICz A5:DTAS						DICz		A2 :DICz A5:DTAS												
Casing		R32 BMS	R32 BML	Emura 3	Emura 3	Floor stand																					
Class		30	40	30	30	30	15	20	25	35	42	50	60	71	20	25	35	50									
Applicable models		FTXTM30S2V1B	FTXTM40S2V1B	FTXTI30A2V1BW	FTXTI30A2V1BB	FVXTM30A3V1B	CTXM15A2V1B / CTXM15A5V1B	FTXM20A2V1B / FTXM20A5V1B	FTXM25A2V1B / FTXM25A5V1B	FTXM35A2V1B / FTXM35A5V1B	FTXM42A2V1B / FTXM42A5V1B	FTXM50A2V1B / FTXM50A5V1B	FTXM60A2V1B	FTXM71A2V1B	ATXM20A2V1B / ATXM20A5V1B	ATXM25A2V1B / ATXM25A5V1B	ATXM35A2V1B / ATXM35A5V1B	ATXM50A2V1B / ATXM50A5V1B									
Wired remote control		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Extension cord for wired remote control (·3·m)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Extension cord for wired remote control (·8·m)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Intelligent Tablet Controller		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Wiring adaptor (normal open contact - normal open pulse contact)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Interface adaptor for DIII-NET		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Central remote control		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Unified ON/OFF controller		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Schedule timer		✓	✓	✓	✓	✓																					
Intelligent Touch Manager		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
·Modbus· interface		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Modbus gateway		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
·KNX· interface		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Titanium apatite deodorising filter without frame		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Silver particle filter (Ag-ion) with frame		✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									
Conversion wire harness		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓									

Notes

1. Standard accessory
2. This option features a(n) ·S21· connector. To connect this option to the indoor unit, therefore conversion wire harness ·EKRS21· is required.
3. This option cannot operate together with the wireless LAN functionality that is a standard feature of the indoor unit.
   When connecting this option to the indoor unit, turn off the indoor unit's wireless LAN functionality.
4. Obsolete option

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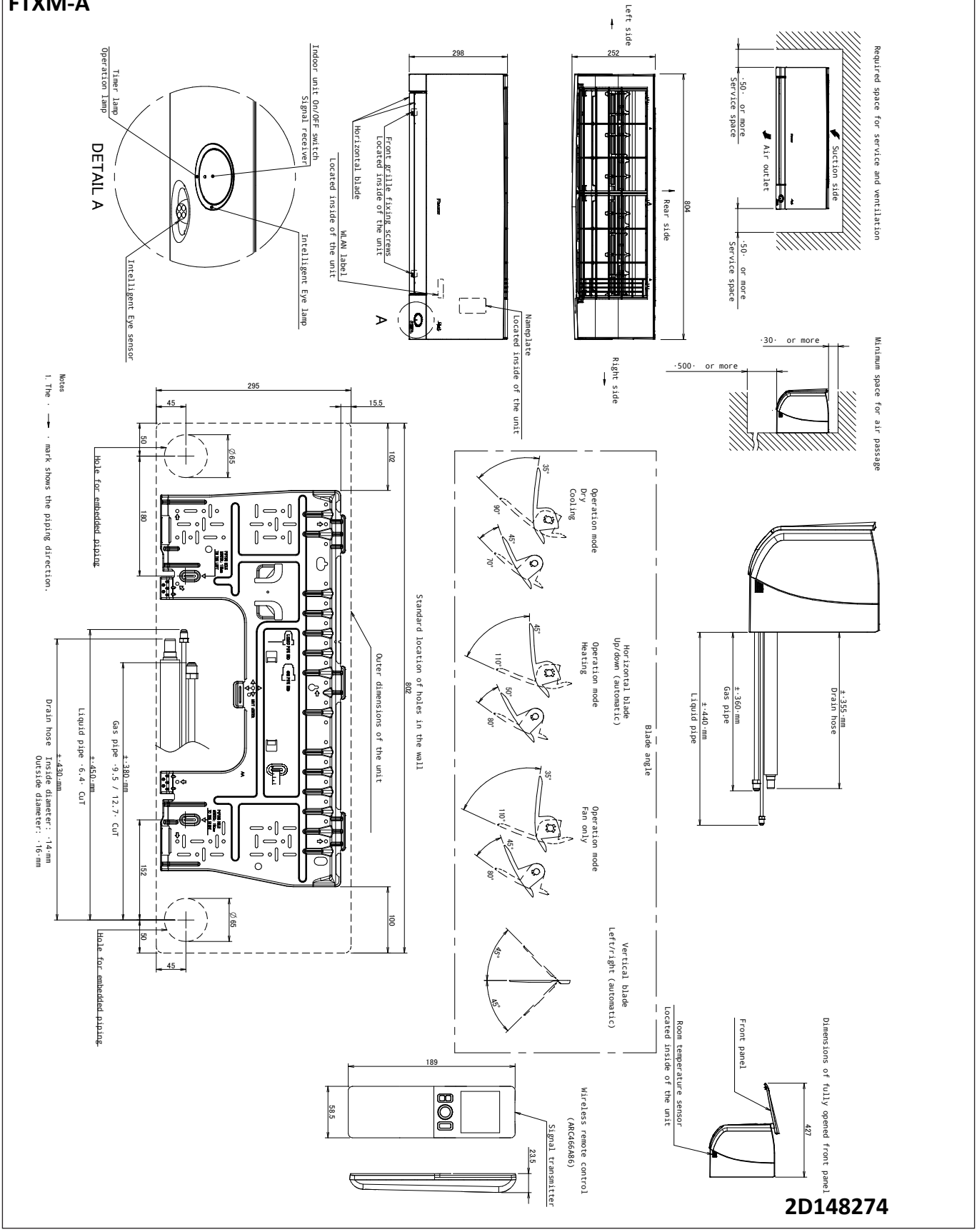
4 Dimensional drawings

4 - 1 Dimensional Drawings

4

ATXM-A
CTXM-A
FTXM-A



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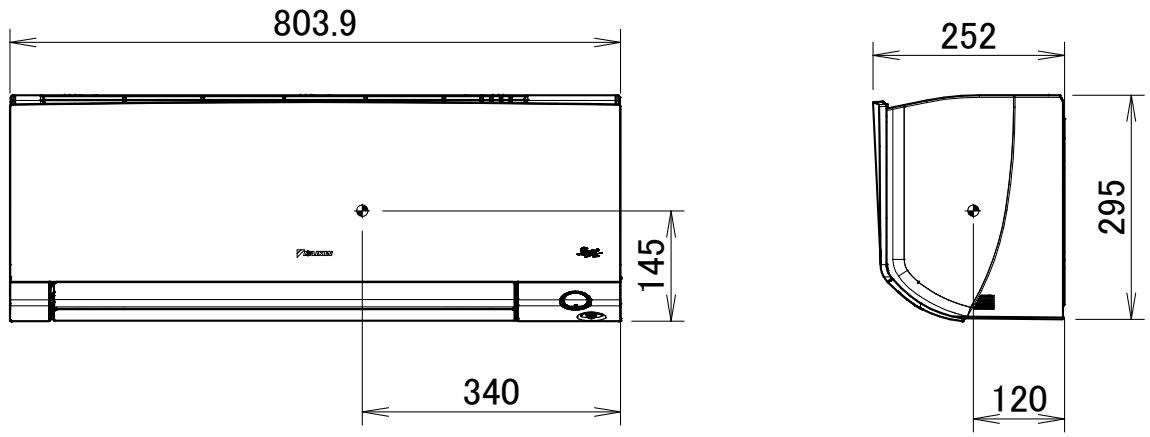
5 Centre of gravity

5 - 1 Centre of Gravity

ATXM-A
CTXM-A
FTXM-A



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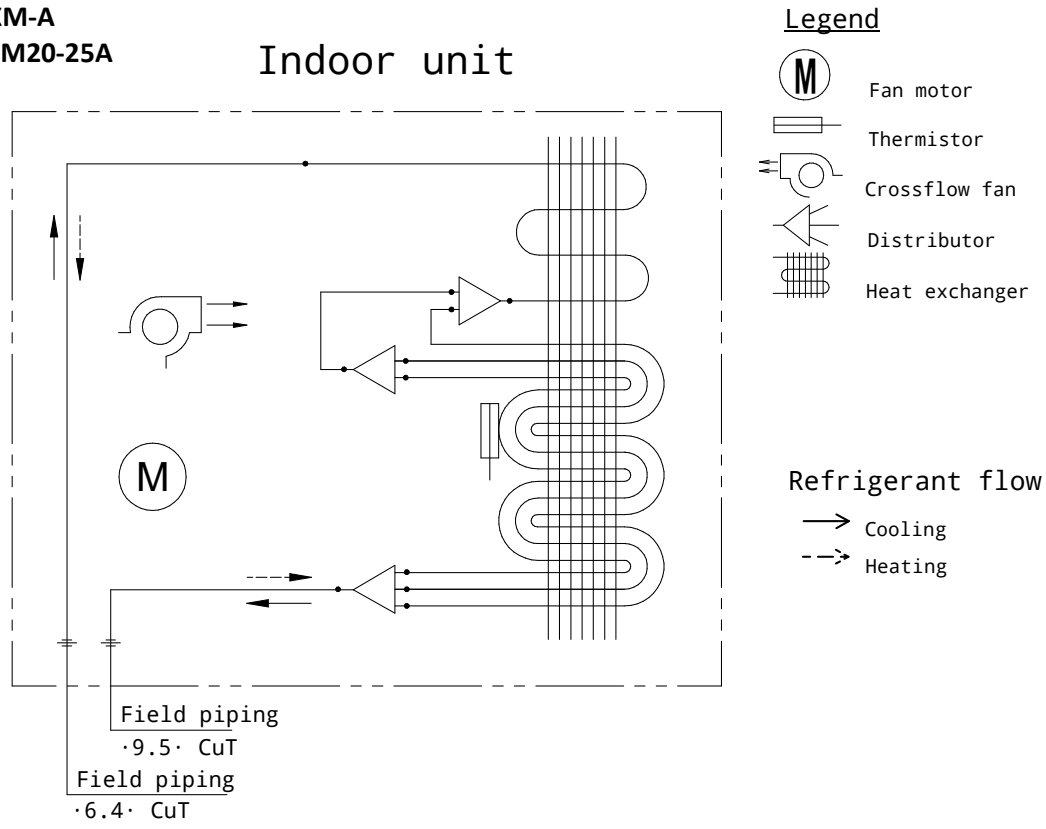
6 Piping diagrams

6 - 1 Piping Diagrams

ATXM20-25A
CTXM-A
FTXM20-25A



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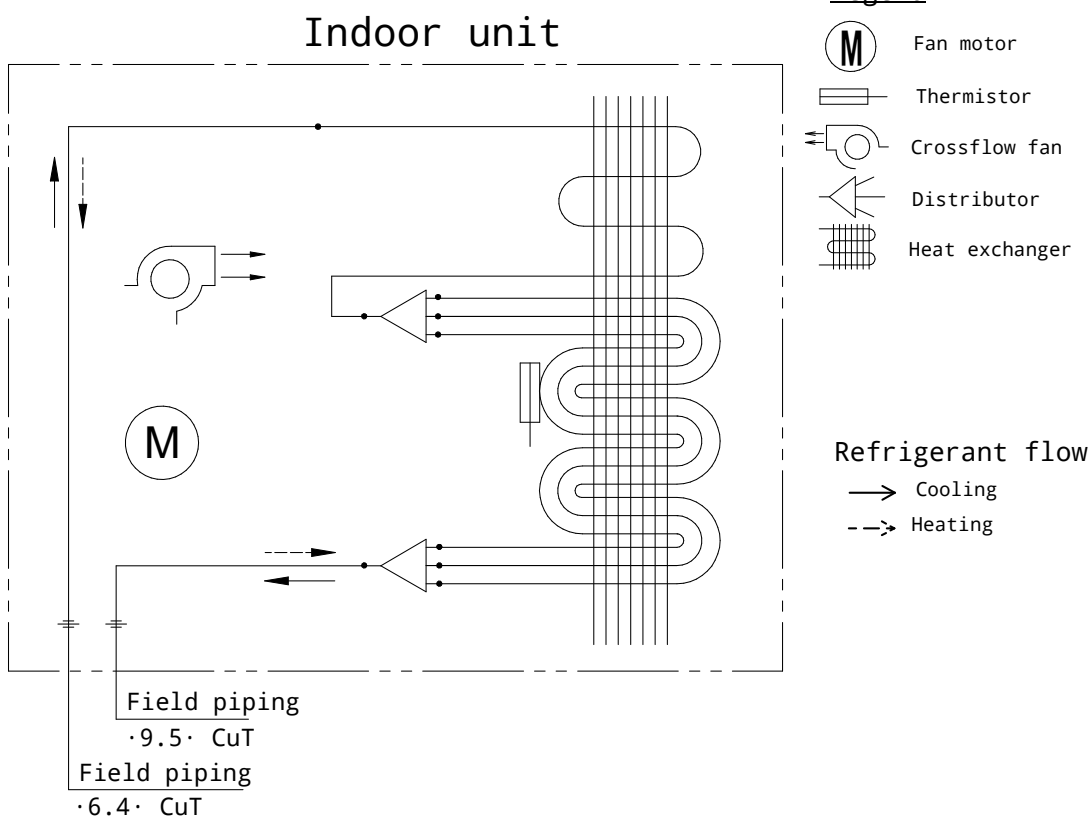
ATXM35A
FTXM35A



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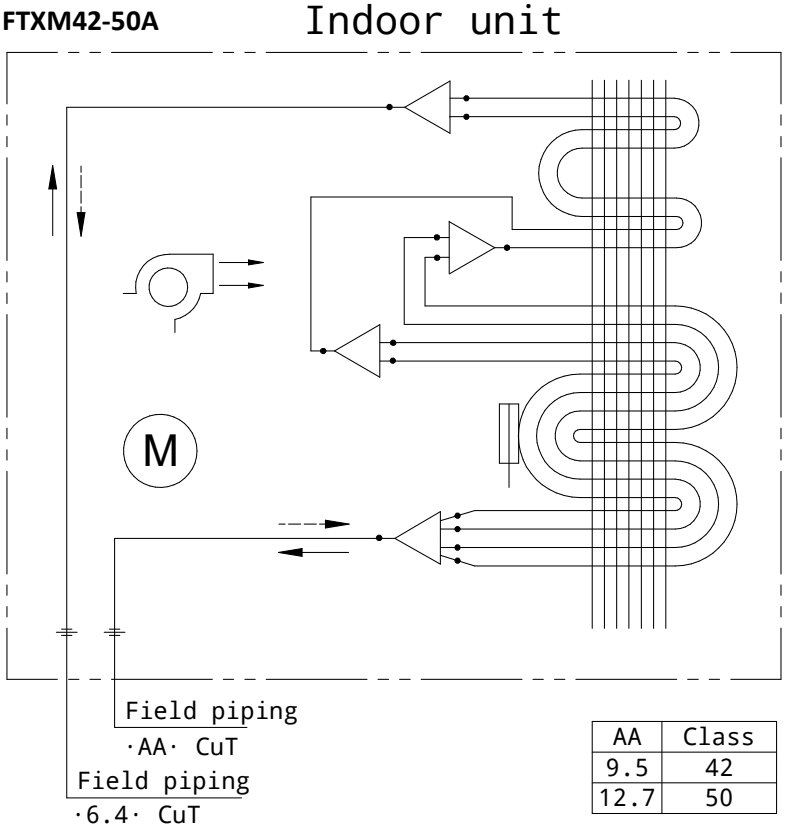
6 Piping diagrams

6 - 1 Piping Diagrams

ATXM50A
FTXM42-50A



Legend

- M — Fan motor
- Thermistor
- Crossflow fan
- Distributor
- Heat exchanger

Refrigerant flow

- → Cooling
- - -> Heating

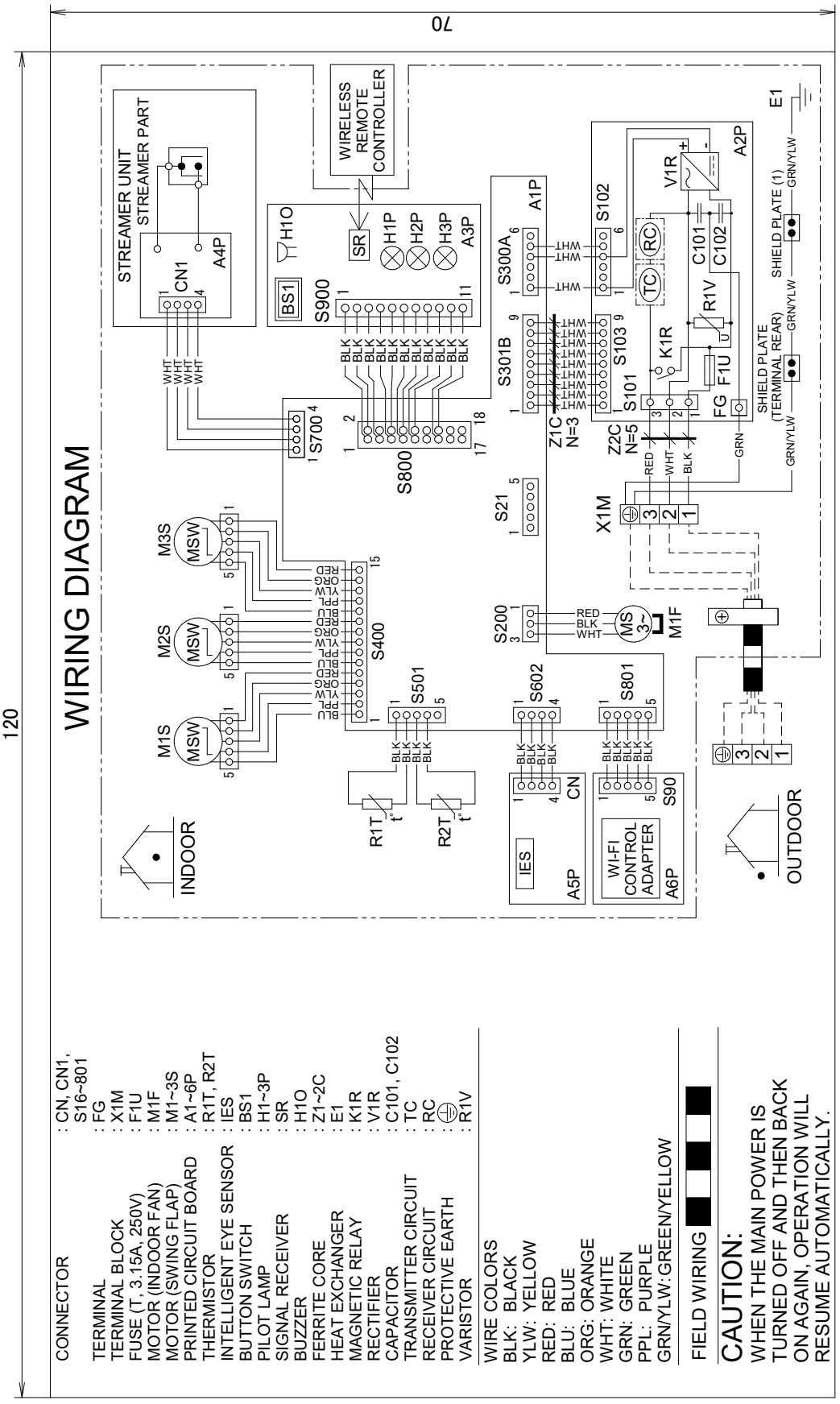
AA	Class
9.5	42
12.7	50

4D147900

7 Wiring diagrams

7 - 1 Wiring Diagrams - Three Phase

ATXM-A
CTXM-A
FTXM-A



CONNECTOR : CN, CN1, S16~801
TERMINAL : FG
TERMINAL BLOCK : X1M
FUSE (T, 3.15A, 250V) : F1U
MOTOR (INDOOR FAN) : M1F
MOTOR (SWING FLAP) : M1~3S
PRINTED CIRCUIT BOARD : A1~6P
THERMISTOR : R1T, R2T
INTELLIGENT EYE SENSOR : IES
BUTTON SWITCH : BS1
PILOT LAMP : H1~3P
SIGNAL RECEIVER : SR
BUZZER : H1O
FERRITE CORE : Z1~2C
HEAT EXCHANGER : E1
MAGNETIC RELAY : K1R
RECTIFIER : V1R
CAPACITOR : C101, C102
TRANSMITTER CIRCUIT : TC
RECEIVER CIRCUIT : RC
PROTECTIVE EARTH : ⏚
VARISTOR : R1V

WIRE COLORS
BLK: BLACK
YLW: YELLOW
RED: RED
BLU: BLUE
ORG: ORANGE
WHT: WHITE
GRN: GREEN
PPL: PURPLE
GRN/YLW:GREEN/YELLOW

FIELD WIRING

CAUTION:
WHEN THE MAIN POWER IS TURNED OFF AND THEN BACK ON AGAIN, OPERATION WILL RESUME AUTOMATICALLY.

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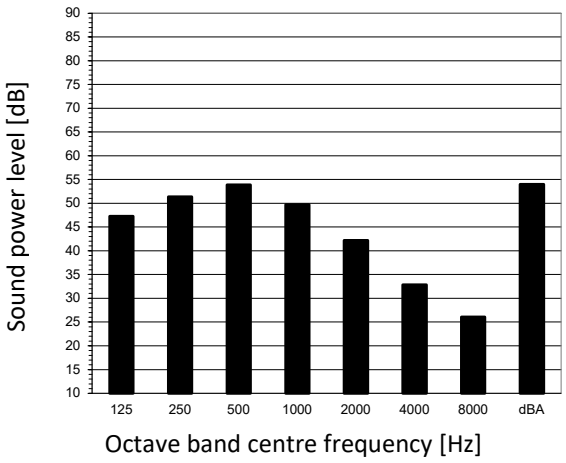
8 Sound data

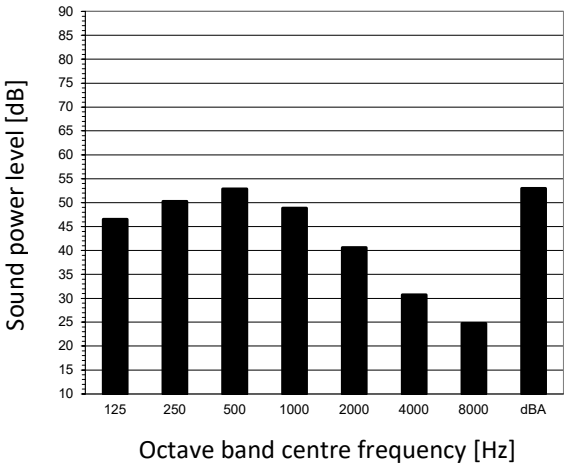
8 - 1 Sound Power Spectrum

CTXM-A
FTXM20A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

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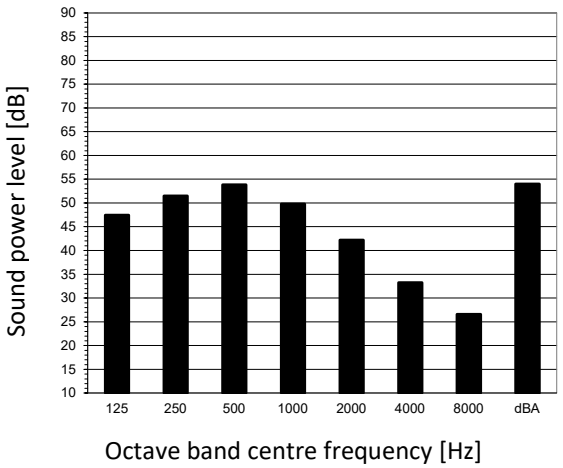
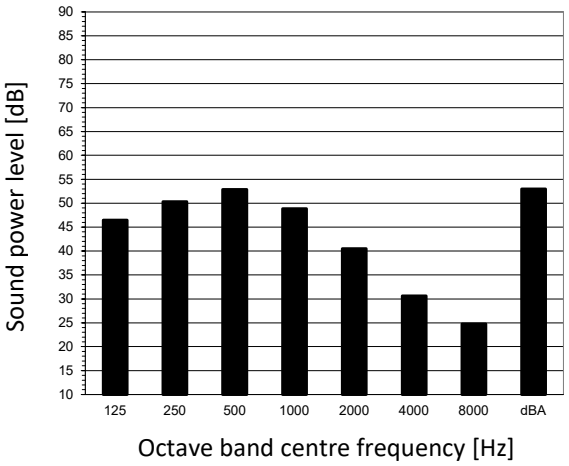
FTXM25A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

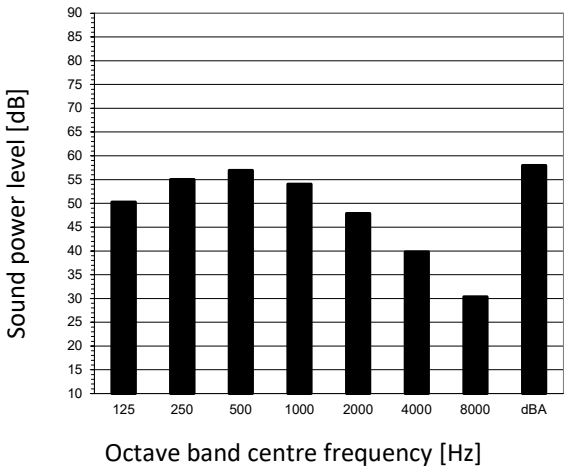
4D148881

8 Sound data

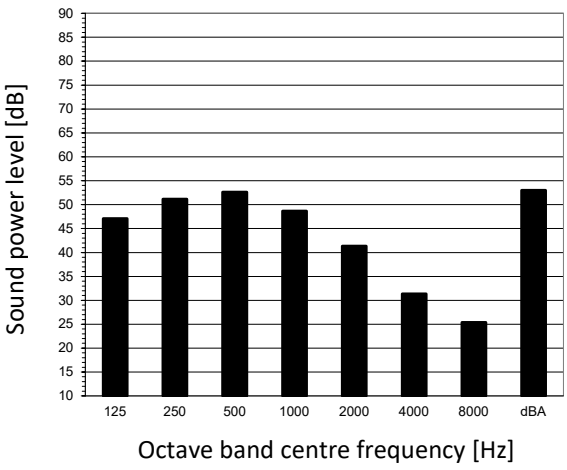
8 - 1 Sound Power Spectrum

FTXM35A

Cooling



Heating



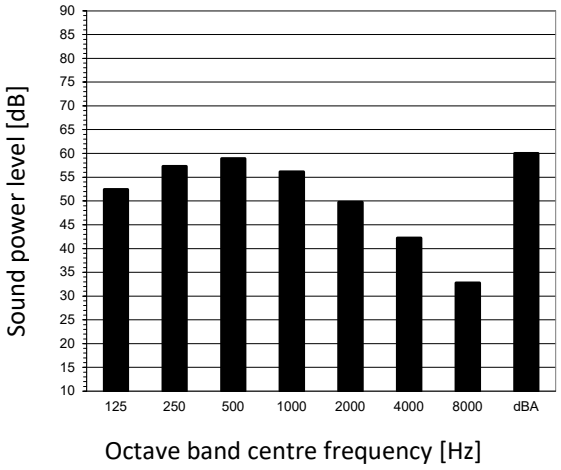
Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

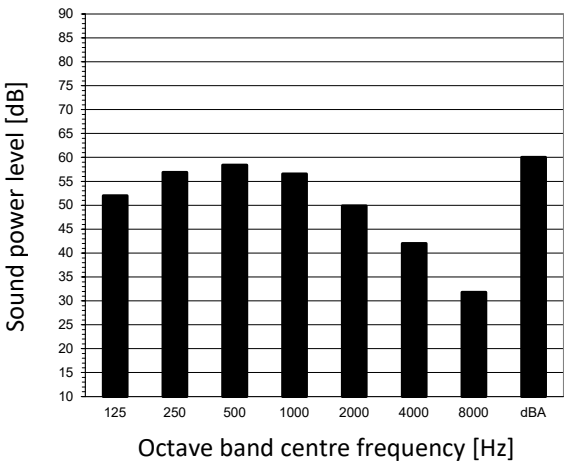
4D148882

FTXM42A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

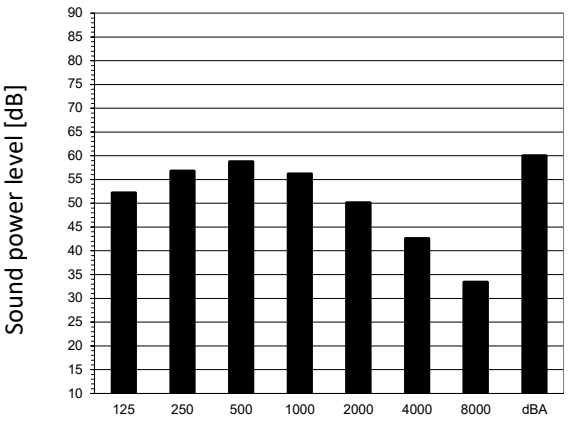
4D148883

8 Sound data

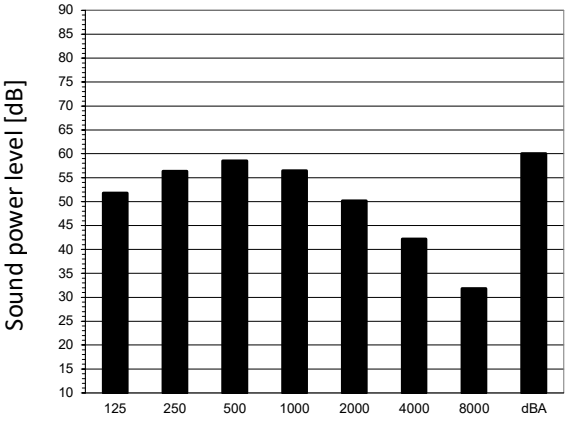
8 - 1 Sound Power Spectrum

ATXM50A
FTXM50A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

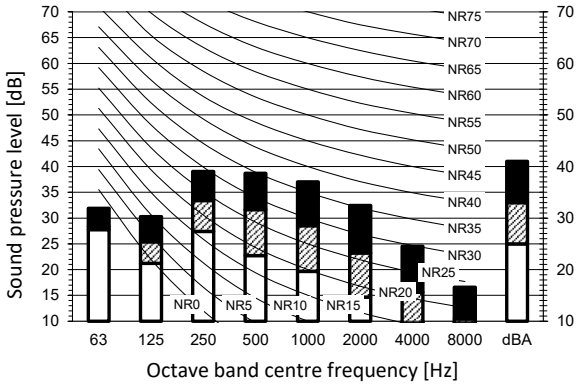
4D148884

8 Sound data

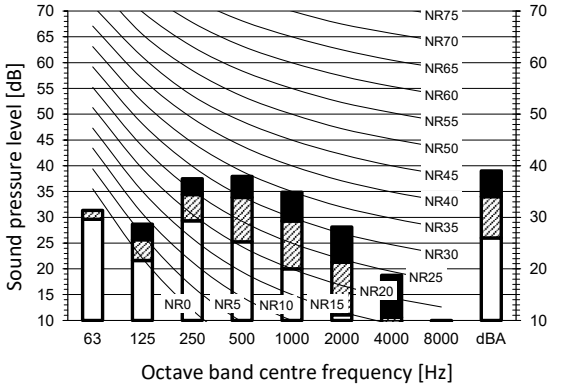
8 - 2 Sound Pressure Spectrum

ATXM20A
CTXM-A
FTXM20A

Cooling mode



Heating mode

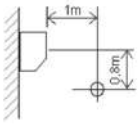


Legend

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

Location of microphone



Cooling Total dB

A	B	C	D
dBA	41	33	25

Heating Total dB

A	B	C	D
dBA	39	34	26

Notes

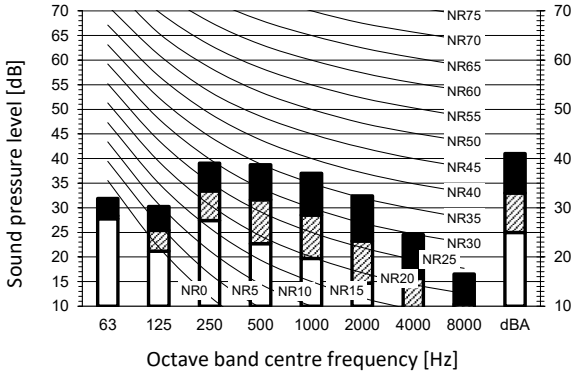
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

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

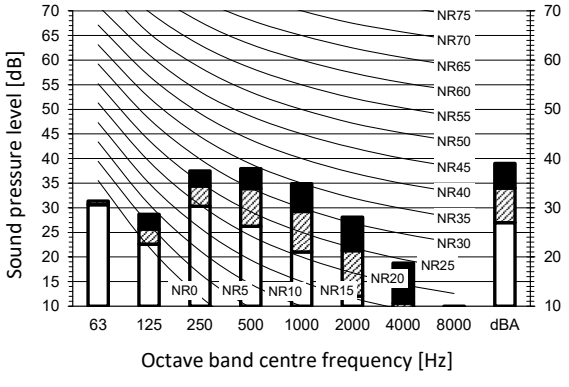
4D148915A

ATXM25A
FTXM25A

Cooling mode



Heating mode

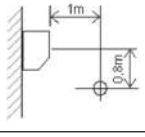


Legend

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

Location of microphone



Cooling Total dB

A	B	C	D
dBA	41	33	25

Heating Total dB

A	B	C	D
dBA	39	34	27

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

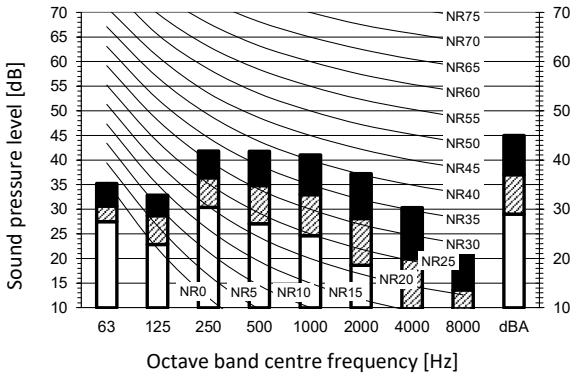
4D148916A

8 Sound data

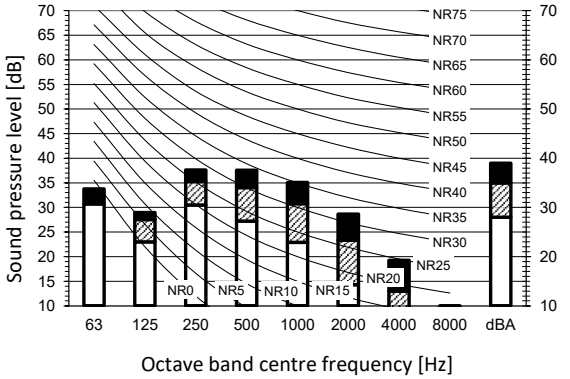
8 - 2 Sound Pressure Spectrum

ATXM35A
FTXM35A

Cooling mode



Heating mode



Legend

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

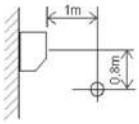
A Scale

B Fan speed: High

C Fan speed: Medium

D Fan speed: Low

Location of microphone



Cooling Total dB

A	B	C	D
dBA	45	37	29

Heating Total dB

A	B	C	D
dBA	39	35	28

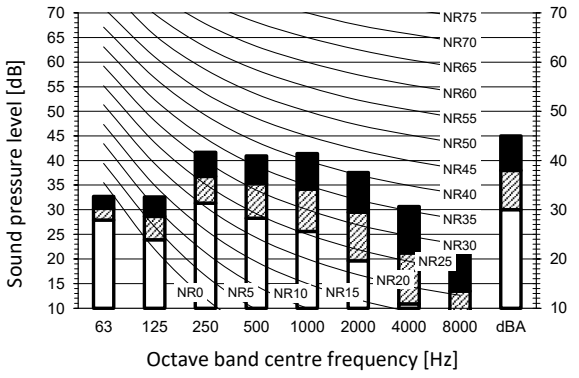
Notes

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

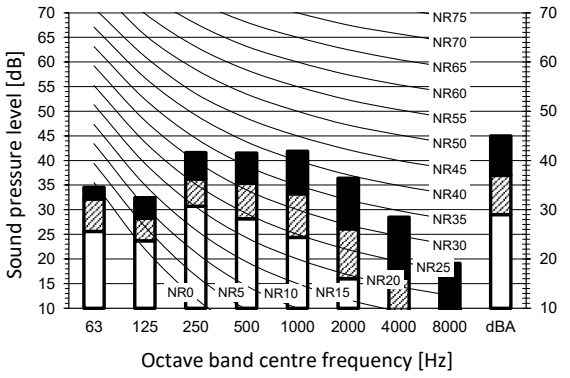
4D148918A

FTXM42A

Cooling mode



Heating mode



Legend

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

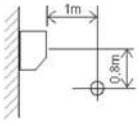
A Scale

B Fan speed: High

C Fan speed: Medium

D Fan speed: Low

Location of microphone



Cooling Total dB

A	B	C	D
dBA	45	38	30

Heating Total dB

A	B	C	D
dBA	45	37	29

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

4D148919A

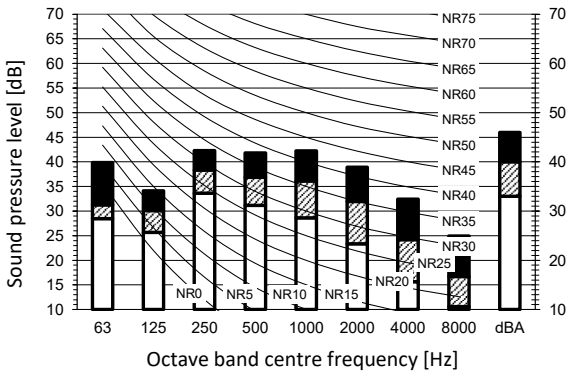
8 Sound data

8 - 2 Sound Pressure Spectrum

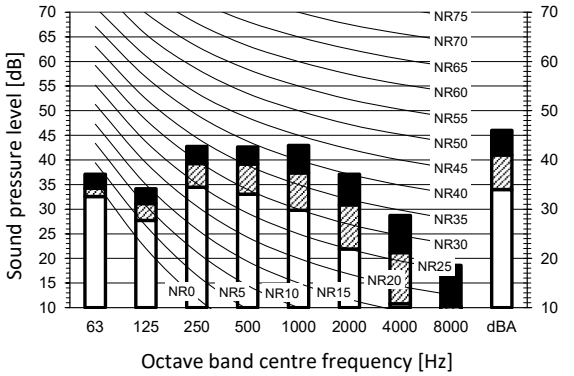
ATXM50A
FTXM50A

8

Cooling mode



Heating mode

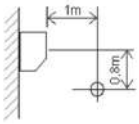


Legend

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

Location of microphone



Cooling Total dB

A	B	C	D
dBA	46	40	33

Heating Total dB

A	B	C	D
dBA	46	41	34

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

4D148920A

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EEDEN24 01/2024

Daikin Europe N.V. participates in the ECP programmes for Fan Coil Units and Variable Refrigerant Flow systems. Daikin Applied Europe S.p.A. participates in the ECP programmes for Liquid Chilling Packages and Hydronic Heat Pumps. Check ongoing validity of certificate: www.eurovent-certification.com

Air Conditioning Technical Data

RXM-A

TABLE OF CONTENTS

RXM-A

1 Features

1 - 1 RXM-A

› Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
› Anti-corrosion treated outdoor heat exchanger fin
› Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
› Outdoor units for pair application
› Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall

Outdoor unit silent operation

2 Specifications

2 - 1 Specifications

Technical specifications				FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A
Cooling capacity			kW		0.90		1.50	1.70
			Btu/h		3,100		5,100	5,800
			kcal/h		774		1,290	1,462
	Nom.		kW	2.00	2.50	3.50	4.20	5.00
	Nom.		Btu/h	6,800	8,500	11,900	14,300	17,100
	Nom.		kcal/h	1,720	2,150	3,009	3,611	4,299
			kW	3.00	3.80	4.40	5.20	5.30
			Btu/h	10,200	13,000	15,000	17,700	18,100
			kcal/h	2,580	3,267	3,783	4,471	4,557
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kW		0.90		1.50	1.70
	Min.		Btu/h		3,100		5,100	5,800
	Min.		kcal/h		774		1,290	1,462
	Nom.		kW	2.00	2.50	3.50	4.20	5.00
	Nom.		Btu/h	6,800	8,500	11,900	14,300	17,100
	Nom.		kcal/h	1,720	2,150	3,009	3,611	4,299
	Max.		kW	3.00	3.80	4.40	5.20	5.30
	Max.		Btu/h	10,200	13,000	15,000	17,700	18,100
	Max.		kcal/h	2,580	3,267	3,783	4,471	4,557
Heating capacity			kW		0.80		1.50	1.70
			Btu/h		2,700		5,100	5,800
			kcal/h		688		1,290	1,462
	Nom.		kW	2.50	2.80	4.00	5.40	5.80
	Nom.		Btu/h	8,500	9,600	13,600	18,400	19,800
	Nom.		kcal/h	2,150	2,408	3,439	4,643	4,987
	Max.		kW	4.50	5.00	5.50	6.20	6.50
	Max.		Btu/h	15,400	17,100	18,800	21,200	22,200
	Max.		kcal/h	3,869	4,299	4,729	5,331	5,589
Heating capacity - Low sound mode (Stb. 2020, 189)	Min.		kW		0.80		1.50	1.70
	Min.		Btu/h		2,700		5,100	5,800
	Nom.		kW	2.50	2.80	4.00	5.40	5.80
	Nom.		Btu/h	8,500	9,600	13,600	18,400	19,800
	Nom.		kcal/h	2,150	2,408	3,439	4,643	4,987
	Max.		kW	4.50	5.00	5.20	5.70	6.50
	Max.		Btu/h	15,400	17,100	17,700	19,400	22,200
	Max.		kcal/h	3,869	4,299	4,471	4,901	5,589
Power input	Cooling		kW	0.37	0.48	0.76	1.00	1.36
Power input	Heating		kW	0.50	0.56	0.88	1.29	1.40
Power input - Low sound mode (Stb. 2020, 189)	Cooling	Nom.	kW	0.37	0.48	0.76	1.00	1.36
	Heating	Nom.	kW	0.50	0.56	0.88	1.29	1.47
Nominal efficiency	EER			5.35	5.20	4.63	4.20	3.68
	COP			5.00		4.55	4.19	4.15
	Annual energy consumption		kWh	187	240	378	500	679
	Energy labeling Directive	Cooling		A				
		Heating		A				
Nominal efficiency - Low sound mode (Stb. 2020, 189)	EER			5.35	5.20	4.63	4.20	3.68
	COP			5.00		4.55	4.19	3.95
	Annual energy consumption		kWh	187	240	378	500	679
Space cooling	Energy efficiency class			A+++			A++	
	Capacity	Pdesign	kW	2.00	2.50	3.50	4.20	5.00
	SEER			9.47		9.25	8.11	7.80
	Annual energy consumption		kWh/a	74	92	132	181	224
Space cooling - Low sound mode (Stb. 2020, 189)	Capacity	Pdesign	kW	2.00	2.50	3.50	4.20	5.00
	SEER			9.47		9.25	8.11	7.80
	Annual energy consumption		kWh/a	74	92	132	181	224
Space heating (Average climate)	Capacity	Pdesign	kW	2.30	2.40	2.50	4.00	4.50
	Energy efficiency class			A+++			A++	
	SCOP/A			5.20			5.00	4.80
	SCOPnet/A			5.21			5.01	4.81
	Pdh Heating capacity at -10°		kW	2.30	2.40	2.50	4.00	4.50
	Annual energy consumption		kWh/a	619	647	673	1,120	1,312
	Required back up heating cap at design conditions		kW			0.00		
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	Capacity	Pdesign	kW	2.30	2.40	2.50	4.00	4.40
	SCOP/A			5.20			4.95	4.80
	SCOPnet/A			5.21			5.01	4.86
	Pdh Heating capacity at -10°		kW	2.30	2.40	2.50	3.19	3.50
	Annual energy consumption		kWh/a	619	647	673	1,131	1,283
	Required back up heating cap at design conditions		kW		0.00		0.81	0.90

2 Specifications

2 - 1 Specifications

Technical specifications				FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A
Space heating (Warm climate)	Capacity	Pdesignh	kW	1.24	1.30	1.41	2.16	2.43
	Energy efficiency class					A+++		
	SCOP			6.26	6.30	6.39	6.25	5.96
	SCOPnet			6.40	6.43	6.52	6.33	6.08
	Annual energy consumption		kWh/a	277	289	309	484	571
	Required back up heating cap at design conditions		kW			0.00		
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	Capacity	Pdesign	kW	1.24	1.30	1.41	2.16	2.37
	SCOP			6.26	6.30	6.39	6.25	5.95
	SCOPnet			6.40	6.43	6.52	6.33	6.07
	Annual energy consumption		kWh/a	277	289	309	484	558
	Required back up heating cap at design conditions		kW			0.00		
Space cooling	A Condition	Pdc	kW	2.00	2.50	3.50	4.20	5.00
	(35°C - 27/19)	EERd		5.35	5.20	4.63	4.20	3.68
		Power input	kW	0.37	0.48	0.76	1.00	1.36
	B Condition	Pdc	kW	1.48	1.85	2.58	3.10	3.69
	(30°C - 27/19)	EERd		8.25	7.64	7.23	6.10	5.90
		Power input	kW	0.18	0.24	0.36	0.51	0.63
	C Condition	Pdc	kW	1.20	1.22	1.66	1.99	2.37
	(25°C - 27/19)	EERd		11.89	11.76	11.51	9.88	9.41
		Power input	kW	0.10		0.14	0.20	0.25
	D Condition	Pdc	kW	1.20	1.22	1.25	1.85	1.80
	(20°C - 27/19)	EERd		15.30	14.79	14.30	13.40	13.49
		Power input	kW	0.08		0.09	0.14	0.13
Space cooling - Low sound mode (Stb. 2020, 189)	A Condition	Pdc	kW	2.00	2.50	3.50	4.20	5.00
	(35°C - 27/19)	EERd		5.35	5.20	4.63	4.20	3.68
		Power input	kW	0.37	0.48	0.76	1.00	1.36
	B Condition	Pdc	kW	1.48	1.85	2.58	3.10	3.69
	(30°C - 27/19)	EERd		8.25	7.64	7.23	6.10	5.90
		Power input	kW	0.18	0.24	0.36	0.51	0.63
	C Condition	Pdc	kW	1.20	1.22	1.66	1.99	2.37
	(25°C - 27/19)	EERd		11.89	11.76	11.51	9.88	9.41
		Power input	kW	0.10		0.14	0.20	0.25
	D Condition	Pdc	kW	1.20	1.22	1.25	1.85	1.80
	(20°C - 27/19)	EERd		15.30	14.79	14.30	13.40	13.49
		Power input	kW	0.08		0.09	0.14	0.13
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C			-10		
		Pdh (declared heating cap)	kW	2.30	2.40	2.50	4.00	4.50
		COPd (declared COP)		3.22	3.20	3.15	2.91	2.78
		Power input	kW	0.71	0.75	0.79	1.37	1.62
	TBivalent	Tbiv (bivalent temperature)	°C			-10		
		Pdh (declared heating cap)	kW	2.30	2.40	2.50	4.00	4.50
		COPd (declared COP)		3.22	3.20	3.15	2.91	2.78
		Power input	kW	0.71	0.75	0.79	1.37	1.62
Space heating (Average climate)	A Condition	Pdh (declared heating cap)	kW	2.04	2.13	2.22	3.54	3.99
	(-7°C)	COPd (declared COP)		3.53	3.49	3.47	3.26	3.07
		Power input	kW	0.58	0.61	0.64	1.09	1.30
	B Condition	Pdh (declared heating cap)	kW	1.24	1.30	1.41	2.16	2.43
	(2°C)	COPd (declared COP)		5.23		5.18	4.98	4.80
		Power input	kW	0.24	0.25	0.27	0.43	0.51
	C Condition	Pdh (declared heating cap)	kW	0.87	0.89	0.95	1.39	1.56
	(7°C)	COPd (declared COP)		6.28	6.31	6.48	6.30	6.13
		Power input	kW	0.14		0.15	0.22	0.25
	D Condition	Pdh (declared heating cap)	kW	0.97		1.05	1.55	1.56
	(12°C)	COPd (declared COP)		7.95		8.00	7.74	7.25
		Power input	kW	0.12		0.13	0.20	0.22

2 Specifications

2 - 1 Specifications

Technical specifications					FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A
Space heating (Average climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit)		°C	-10				
		Pdh (declared heating cap)		kW	2.30	2.40	2.50	3.19	3.50
		COPd (declared COP)			3.22	3.20	3.15	3.00	2.98
		Power input		kW	0.71	0.75	0.79	1.06	1.17
	TBivalent	Tbiv (bivalent temperature)		°C	-10			-7	
		Pdh (declared heating cap)		kW	2.30	2.40	2.50	3.54	3.90
		COPd (declared COP)			3.22	3.20	3.15	3.22	3.20
		Power input		kW	0.71	0.75	0.79	1.10	1.22
	A Condition (-7°C)	Pdh (declared heating cap)		kW	2.04	2.13	2.22	3.54	3.90
		COPd (declared COP)			3.53	3.49	3.47	3.22	3.20
		Power input		kW	0.58	0.61	0.64	1.10	1.22
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.37
		COPd (declared COP)			5.23		5.18	4.98	4.80
		Power input		kW	0.24	0.25	0.27	0.43	0.49
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.87	0.89	0.95	1.39	1.56
		COPd (declared COP)			6.28	6.31	6.48	6.30	6.13
		Power input		kW	0.14		0.15	0.22	0.25
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.97		1.05	1.55	1.56
		COPd (declared COP)			7.95		8.00	7.74	7.25
		Power input		kW	0.12		0.13	0.20	0.22
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	2				
		Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43
		COPd (declared COP)			5.23		5.18	4.98	4.80
		Power input		kW	0.24	0.25	0.27	0.43	0.51
	TBivalent	Tbiv (bivalent temperature)		°C	2				
Space heating (Warm climate)	TBivalent	Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43
		COPd (declared COP)			5.23		5.18	4.98	4.80
		Power input		kW	0.24	0.25	0.27	0.43	0.51
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43
		COPd (declared COP)			5.23		5.18	4.98	4.80
		Power input		kW	0.24	0.25	0.27	0.43	0.51
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.87	0.89	0.95	1.39	1.56
		COPd (declared COP)			6.28	6.31	6.48	6.30	6.13
		Power input		kW	0.14		0.15	0.22	0.25
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.97		1.05	1.55	1.56
		COPd (declared COP)			7.95		8.00	7.74	7.25
		Power input		kW	0.12		0.13	0.20	0.22
Space heating (Warm climate) - Low sound mode (Stb. 2020, 189)	TOL	Tol (temperature operating limit)		°C	2				
		Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.43
		COPd (declared COP)			5.23		5.18	4.98	4.80
		Power input		kW	0.24	0.25	0.27	0.43	0.51
	TBivalent	Tbiv (bivalent temperature)		°C	2				
		Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.37
		COPd (declared COP)			5.23		5.18	4.98	4.80
		Power input		kW	0.24	0.25	0.27	0.43	0.49
	B Condition (2°C)	Pdh (declared heating cap)		kW	1.24	1.30	1.41	2.16	2.37
		COPd (declared COP)			5.23		5.18	4.98	4.80
		Power input		kW	0.24	0.25	0.27	0.43	0.49
	C Condition (7°C)	Pdh (declared heating cap)		kW	0.87	0.89	0.95	1.39	1.56
		COPd (declared COP)			6.28	6.31	6.48	6.30	6.13
		Power input		kW	0.14		0.15	0.22	0.25
	D Condition (12°C)	Pdh (declared heating cap)		kW	0.97		1.05	1.55	1.56
		Power input		kW	0.12		0.13	0.20	0.22
		COPd (declared COP)			7.95		8.00	7.74	7.25
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0				
	Off mode	POFF		W	1				
	Standby mode	Cooling	PSB	W	1				
		Heating	PSB	W	1				
	Thermo-stat-off mode	PTO	Cooling	W	7				12
			Heating	W	8				15
Cooling	Cdc (Degradation cooling)				0.25				
Heating	Cdh (Degradation heating)				0.25				
Cooling function included					Yes				
Heating function included					Yes				
Average climate included					Yes				
Cold season included					No				
Warm season included					Yes				

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Technical specifications					FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	58			61	62
	Sound power level indoor	Cooling	Nom.	dBA	54		58	60	
	Piping length	Cooling	Measuring condition	m	5				

Electrical specifications				FTXM20A + RXM20A	FTXM25A + RXM25A	FTXM35A + RXM35A	FTXM42A + RXM42A	FTXM50A + RXM50A
Power factor	Nominal	Cooling	%	85.75	89.69	97.60	98.31	96.34
		Heating	%	89.58	91.21	98.21	98.87	96.33
Current	Nominal running current (RLA)	Cooling	A	1.9	2.4	3.4	4.5	6.2
	Nominal running current (RLA) - 50Hz	Heating	A	2.5	2.7	3.9	5.7	6.4
Current - 50Hz	Maximum fuse amps (MFA)		A	10	13			16

Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FBA50A9 + RXM50A
Cooling capacity	Nom.		kW	5.00
	Nom.		Btu/h	17,100
	Nom.		kcal/h	4,299
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kcal/h	-
	Max.		kcal/h	-
Heating capacity	Nom.		kW	5.50
	Nom.		Btu/h	18,800
	Nom.		kcal/h	4,729
Power input	Cooling		kW	1.41
	Heating		kW	1.44
Nominal efficiency	EER			3.55
	COP			3.83
	Annual energy consumption		kWh	704
	Energy labeling Directive	Cooling		A
		Heating		A
Space cooling	Energy efficiency class			A++
	Capacity	Pdesign	kW	5.00
	SEER			6.27
	Annual energy consumption		kWh/a	279
Space heating (Average climate)	Capacity	Pdesign	kW	4.40
	Energy efficiency class			A+
	SCOP/A			4.06
	SCOPnet/A			4.08
	Pdh Heating capacity at -10°		kW	3.73
	Annual energy consumption		kWh/a	1,517
	Required back up heating cap at design conditions		kW	0.67
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.37
	Energy efficiency class			A+
	SCOP			4.48
	SCOPnet			4.49
	Annual energy consumption		kWh/a	741
	Required back up heating cap at design conditions		kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00
		EERd		3.55
		Power input	kW	1.41
	B Condition (30°C - 27/19)	Pdc	kW	3.69
Space cooling	B Condition (30°C - 27/19)	EERd		5.26
		Power input	kW	0.70
	C Condition (25°C - 27/19)	Pdc	kW	2.37
		EERd		8.41
		Power input	kW	0.28
	D Condition (20°C - 27/19)	Pdc	kW	1.98
		EERd		10.52
		Power input	kW	0.19

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Technical specifications					FBA50A9 + RXM50A
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.47
		COPd (declared COP)			1.95
		Power input		kW	1.78
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	3.90
		COPd (declared COP)			3.09
		Power input		kW	1.26
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.90
		COPd (declared COP)			3.09
		Power input		kW	1.26
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.37
		COPd (declared COP)			4.20
		Power input		kW	0.56
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.61
		COPd (declared COP)			4.55
		Power input		kW	0.35
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.58
		COPd (declared COP)			5.23
		Power input		kW	0.30
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.47
		COPd (declared COP)			1.95
		Power input		kW	1.78
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.37
		COPd (declared COP)			4.20
		Power input		kW	0.56
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.37
Space heating (Warm climate)	B Condition (2°C)	COPd (declared COP)			4.20
		Power input		kW	0.56
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.61
		COPd (declared COP)			4.55
		Power input		kW	0.35
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.58
		COPd (declared COP)			5.23
		Power input		kW	0.30
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	13
	Standby mode	Cooling	PSB	W	13
		Heating	PSB	W	13
	Thermo-stat-off mode	PTO	Cooling	W	2
			Heating	W	2
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	60
	Piping length	Cooling	Measuring condition	m	5.00

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications			FCAG50B + RXM50A
Cooling capacity	Nom.	kW	5.00
	Nom.	Btu/h	17,100
	Nom.	kcal/h	4,299
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.	kcal/h	-
	Max.	kcal/h	-

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Technical specifications				FCAG50B + RXM50A
Heating capacity	Nom.		kW	6.00
	Nom.		Btu/h	20,500
	Nom.		kcal/h	5,159
Power input	Cooling		kW	1.40
	Heating		kW	1.62
Nominal efficiency	EER			3.58
	COP			3.70
	Annual energy consumption		kWh	698
	Energy labeling Directive	Cooling		A
		Heating		A
Space cooling	Energy efficiency class			A++
	Capacity	Pdesign	kW	5.00
	SEER			6.54
	Annual energy consumption		kWh/a	268
Space heating (Average climate)	Capacity	Pdesign	kW	4.36
	Energy efficiency class			A+
	SCOP/A			4.30
	SCOPnet/A			4.33
	Pdh Heating capacity at -10°		kW	3.86
	Annual energy consumption		kWh/a	1,418
	Required back up heating cap at design conditions		kW	0.50
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.35
	Energy efficiency class			A+++
	SCOP			5.22
	SCOPnet			5.31
	Annual energy consumption		kWh/a	630
	Required back up heating cap at design conditions		kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00
		EERd		3.58
		Power input	kW	1.40
	B Condition (30°C - 27/19)	Pdc	kW	3.69
Space cooling	B Condition (30°C - 27/19)	EERd		5.17
		Power input	kW	0.71
	C Condition (25°C - 27/19)	Pdc	kW	2.37
		EERd		8.52
		Power input	kW	0.28
	D Condition (20°C - 27/19)	Pdc	kW	1.87
		EERd		10.69
		Power input	kW	0.17
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-15
		Pdh (declared heating cap)	kW	3.86
		COPd (declared COP)		2.04
		Power input	kW	1.89
	TBivalent	Tbiv (bivalent temperature)	°C	-7
		Pdh (declared heating cap)	kW	3.86
		COPd (declared COP)		2.81
		Power input	kW	1.37
	A Condition (-7°C)	Pdh (declared heating cap)	kW	3.86
		COPd (declared COP)		2.81
		Power input	kW	1.37
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.35
		COPd (declared COP)		4.39
		Power input	kW	0.54
	C Condition (7°C)	Pdh (declared heating cap)	kW	1.54
		COPd (declared COP)		5.31
		Power input	kW	0.29
	D Condition (12°C)	Pdh (declared heating cap)	kW	1.79
		COPd (declared COP)		6.47
		Power input	kW	0.28
Space heating (Warm climate)	TOL	Tol (temperature operating limit)	°C	-15
		Pdh (declared heating cap)	kW	3.86
		COPd (declared COP)		2.04
		Power input	kW	1.89
	TBivalent	Tbiv (bivalent temperature)	°C	2
		Pdh (declared heating cap)	kW	2.35
		COPd (declared COP)		4.39
		Power input	kW	0.54
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.35

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Technical specifications					FCAG50B + RXM50A
Space heating (Warm climate)	B Condition (2°C)	COPd (declared COP)			4.39
		Power input		kW	0.54
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.54
		COPd (declared COP)			5.31
		Power input		kW	0.29
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.79
		COPd (declared COP)			6.47
		Power input		kW	0.28
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	8
	Standby mode	Cooling	PSB	W	8
		Heating	PSB	W	8
	Thermo-stat-off mode	PTO	Cooling	W	5
			Heating	W	15
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	49
	Piping length	Cooling	Measuring condition	m	5.00

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications			FDXM50F9 + RXM50A
Cooling capacity		kW	1.70
		Btu/h	5,800
		kcal/h	1,462
	Nom.	kW	5.00
	Nom.	Btu/h	17,100
	Nom.	kcal/h	4,299
		kW	5.30
		Btu/h	18,100
		kcal/h	4,557
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.	kcal/h	-
	Max.	kcal/h	-
Heating capacity		kW	1.70
		Btu/h	5,800
		kcal/h	1,500
	Nom.	kW	5.80
	Nom.	Btu/h	19,800
	Nom.	kcal/h	4,987
	Max.	kW	6.00
	Max.	Btu/h	20,500
	Max.	kcal/h	5,159
Power input	Cooling	kW	1.63
	Heating	kW	1.87
Nominal efficiency	EER		3.06
	COP		3.10
	Annual energy consumption	kWh	817
	Energy labeling Directive Cooling		B
	Energy labeling Directive Heating		D
Space cooling	Energy efficiency class		A+
	Capacity Pdesign	kW	5.00
	SEER		5.77
	Annual energy consumption	kWh/a	303

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Technical specifications					FDXM50F9 + RXM50A
Space heating (Average climate)	Capacity	Pdesign		kW	4.00
	Energy efficiency class				A
	SCOP/A				3.93
	SCOPnet/A				3.95
	Pdh Heating capacity at -10°			kW	3.54
Space heating (Average climate)	Annual energy consumption			kWh/a	1,424
	Required back up heating cap at design conditions			kW	0.46
Space heating (Warm climate)	Capacity	Pdesignh		kW	2.16
	Energy efficiency class				A+
	SCOP				4.41
	SCOPnet				4.46
	Annual energy consumption			kWh/a	685
	Required back up heating cap at design conditions			kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	5.00
		EERd			3.06
		Power input		kW	1.63
	B Condition (30°C - 27/19)	Pdc		kW	3.69
		EERd			4.96
		Power input		kW	0.74
	C Condition (25°C - 27/19)	Pdc		kW	2.37
		EERd			8.21
		Power input		kW	0.29
	D Condition (20°C - 27/19)	Pdc		kW	2.26
		EERd			9.47
		Power input		kW	0.24
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.54
		COPd (declared COP)			1.89
		Power input		kW	1.87
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	3.54
		COPd (declared COP)			2.87
		Power input		kW	1.23
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.54
		COPd (declared COP)			2.87
		Power input		kW	1.23
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.16
		COPd (declared COP)			4.10
		Power input		kW	0.53
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.62
		COPd (declared COP)			4.56
		Power input		kW	0.36
Space heating (Average climate)	D Condition (12°C)	Pdh (declared heating cap)		kW	1.92
		COPd (declared COP)			5.49
		Power input		kW	0.35
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.54
		COPd (declared COP)			1.89
		Power input		kW	1.87
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.16
		COPd (declared COP)			4.10
		Power input		kW	0.53
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.16
		COPd (declared COP)			4.10
		Power input		kW	0.53
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.62
		COPd (declared COP)			4.56
		Power input		kW	0.36
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.92
		COPd (declared COP)			5.49
		Power input		kW	0.35
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	15
	Standby mode	Cooling	PSB	W	15
		Heating	PSB	W	15
	Thermo-stat-off mode	PTO	Cooling	W	9
			Heating	W	9
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25

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Technical specifications					FDXM50F9 + RXM50A
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	55
	Piping length	Cooling	Measuring condition	m	5.00

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FFA50A9 + RXM50A
Cooling capacity	Nom.		kW	5.00
	Nom.		Btu/h	17,100
	Nom.		kcal/h	4,299
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kcal/h	-
	Max.		kcal/h	-
Heating capacity	Nom.		kW	5.80
	Nom.		Btu/h	19,800
	Nom.		kcal/h	4,987
Power input	Cooling		kW	1.54
	Heating		kW	1.66
Nominal efficiency	EER			3.24
	COP			3.49
	Annual energy consumption		kWh	772
	Energy labeling Directive	Cooling		A
		Heating		B
Space cooling	Energy efficiency class			A+
	Capacity	Pdesign	kW	5.00
	SEER			5.98
	Annual energy consumption		kWh/a	293
Space heating (Average climate)	Capacity	Pdesign	kW	3.84
	Energy efficiency class			A
	SCOP/A			3.90
	SCOPnet/A			3.92
	Pdh Heating capacity at -10°		kW	3.40
	Annual energy consumption		kWh/a	1,378
	Required back up heating cap at design conditions		kW	0.44
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.09
	Energy efficiency class			A++
	SCOP			4.79
	SCOPnet			4.83
	Annual energy consumption		kWh/a	611
	Required back up heating cap at design conditions		kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00
		EERd		3.24
		Power input	kW	1.54
	B Condition (30°C - 27/19)	Pdc	kW	3.69
Space cooling	B Condition (30°C - 27/19)	EERd		5.38
		Power input	kW	0.69
	C Condition (25°C - 27/19)	Pdc	kW	2.37
		EERd		7.85
		Power input	kW	0.30
	D Condition (20°C - 27/19)	Pdc	kW	2.15
		EERd		10.67
		Power input	kW	0.20

2 Specifications

2 - 1 Specifications

Technical specifications					FFA50A9 + RXM50A
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.40
		COPd (declared COP)			1.99
		Power input		kW	1.71
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	3.40
		COPd (declared COP)			2.62
		Power input		kW	1.30
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.40
		COPd (declared COP)			2.62
		Power input		kW	1.30
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.09
		COPd (declared COP)			3.97
		Power input		kW	0.53
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.47
		COPd (declared COP)			4.81
		Power input		kW	0.31
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.71
		COPd (declared COP)			5.94
		Power input		kW	0.29
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.40
		COPd (declared COP)			1.99
		Power input		kW	1.71
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.09
		COPd (declared COP)			3.97
		Power input		kW	0.53
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.09
Space heating (Warm climate)	B Condition (2°C)	COPd (declared COP)			3.97
		Power input		kW	0.53
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.47
		COPd (declared COP)			4.81
		Power input		kW	0.31
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.71
		COPd (declared COP)			5.94
		Power input		kW	0.29
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	15
	Standby mode	Cooling	PSB	W	15
		Heating	PSB	W	15
	Thermo-stat-off mode	PTO	Cooling	W	7
			Heating	W	7
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	56
	Piping length	Cooling	Measuring condition	m	5.00

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications			FHA50A9 + RXM50A
Cooling capacity	Nom.	kW	5.00
	Nom.	Btu/h	17,100
	Nom.	kcal/h	4,299
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.	kcal/h	-
	Max.	kcal/h	-

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Technical specifications				FHA50A9 + RXM50A
Heating capacity	Nom.		kW	6.00
	Nom.		Btu/h	20,500
	Nom.		kcal/h	5,159
Power input	Cooling		kW	1.56
	Heating		kW	1.79
Nominal efficiency	EER			3.21
	COP			3.35
	Annual energy consumption		kWh	779
	Energy labeling Directive	Cooling		A
		Heating		C
Space cooling	Energy efficiency class			A+
	Capacity	Pdesign	kW	5.00
	SEER			5.92
	Annual energy consumption		kWh/a	295
Space heating (Average climate)	Capacity	Pdesign	kW	4.35
	Energy efficiency class			A
	SCOP/A			3.86
	SCOPnet/A			3.88
	Pdh Heating capacity at -10°		kW	3.85
	Annual energy consumption		kWh/a	1,577
	Required back up heating cap at design conditions		kW	0.50
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.35
	Energy efficiency class			A+
	SCOP			4.59
	SCOPnet			4.64
	Annual energy consumption		kWh/a	716
	Required back up heating cap at design conditions		kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00
		EERd		3.21
		Power input	kW	1.56
	B Condition (30°C - 27/19)	Pdc	kW	3.69
Space cooling	B Condition (30°C - 27/19)	EERd		5.04
		Power input	kW	0.73
	C Condition (25°C - 27/19)	Pdc	kW	2.37
		EERd		8.25
		Power input	kW	0.29
	D Condition (20°C - 27/19)	Pdc	kW	2.31
		EERd		10.39
		Power input	kW	0.22
Space heating (Average climate)	TOL	Tol (temperature operating limit)	°C	-15
		Pdh (declared heating cap)	kW	3.85
		COPd (declared COP)		1.97
		Power input	kW	1.95
	TBivalent	Tbiv (bivalent temperature)	°C	-7
		Pdh (declared heating cap)	kW	3.85
		COPd (declared COP)		2.61
		Power input	kW	1.48
	A Condition (-7°C)	Pdh (declared heating cap)	kW	3.85
		COPd (declared COP)		2.61
		Power input	kW	1.48
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.35
		COPd (declared COP)		3.95
		Power input	kW	0.59
	C Condition (7°C)	Pdh (declared heating cap)	kW	1.54
		COPd (declared COP)		4.62
		Power input	kW	0.33
	D Condition (12°C)	Pdh (declared heating cap)	kW	1.80
		COPd (declared COP)		5.65
		Power input	kW	0.32
Space heating (Warm climate)	TOL	Tol (temperature operating limit)	°C	-15
		Pdh (declared heating cap)	kW	3.85
		COPd (declared COP)		1.97
		Power input	kW	1.95
	TBivalent	Tbiv (bivalent temperature)	°C	2
		Pdh (declared heating cap)	kW	2.35
		COPd (declared COP)		3.95
		Power input	kW	0.59
	B Condition (2°C)	Pdh (declared heating cap)	kW	2.35

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Technical specifications					FHA50A9 + RXM50A
Space heating (Warm climate)	B Condition (2°C)	COPd (declared COP)			3.95
		Power input		kW	0.59
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.54
		COPd (declared COP)			4.62
		Power input		kW	0.33
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.80
		COPd (declared COP)			5.65
		Power input		kW	0.32
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	15
	Standby mode	Cooling	PSB	W	15
		Heating	PSB	W	15
	Thermo-stat-off mode	PTO	Cooling	W	10
			Heating	W	10
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	54
	Piping length	Cooling	Measuring condition	m	5.00

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications			FNA50A9 + RXM50A
Cooling capacity	Nom.	kW	5.00
	Nom.	Btu/h	17,100
	Nom.	kcal/h	4,299
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.	kcal/h	-
	Max.	kcal/h	-
Heating capacity	Nom.	kW	5.80
	Nom.	Btu/h	19,800
	Nom.	kcal/h	4,987
Power input	Cooling	kW	1.48
	Heating	kW	1.74
Nominal efficiency	EER		3.38
	COP		3.34
	Annual energy consumption	kWh	740
	Energy labeling Directive Cooling		A
	Energy labeling Directive Heating		C
Space cooling	Energy efficiency class		A+
	Capacity Pdesign	kW	5.00
	SEER		5.77
	Annual energy consumption	kWh/a	303
Space heating (Average climate)	Capacity Pdesign	kW	4.00
	Energy efficiency class		A+
	SCOP/A		4.09
	SCOPnet/A		4.12
	Pdh Heating capacity at -10°	kW	3.54
	Annual energy consumption	kWh/a	1,368
	Required back up heating cap at design conditions	kW	0.46
Space heating (Warm climate)	Capacity Pdesignh	kW	2.16
	Energy efficiency class		A++
	SCOP		4.88
	SCOPnet		4.93
	Annual energy consumption	kWh/a	620
	Required back up heating cap at design conditions	kW	0.00

2 Specifications

2 - 1 Specifications

Technical specifications					FNA50A9 + RXM50A
Space cooling	A Condition (35°C - 27/19)	Pdc		kW	5.00
		EERd			3.38
		Power input		kW	1.48
	B Condition (30°C - 27/19)	Pdc		kW	3.69
Space cooling	B Condition (30°C - 27/19)	EERd			5.02
		Power input		kW	0.74
	C Condition (25°C - 27/19)	Pdc		kW	2.37
		EERd			7.23
		Power input		kW	0.33
	D Condition (20°C - 27/19)	Pdc		kW	1.74
		EERd			10.72
		Power input		kW	0.16
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.54
		COPd (declared COP)			1.88
		Power input		kW	1.88
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	3.54
		COPd (declared COP)			2.90
		Power input		kW	1.22
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.54
		COPd (declared COP)			2.90
		Power input		kW	1.22
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.16
		COPd (declared COP)			4.13
		Power input		kW	0.52
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.66
		COPd (declared COP)			5.08
		Power input		kW	0.33
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.96
		COPd (declared COP)			6.16
		Power input		kW	0.32
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.54
		COPd (declared COP)			1.88
		Power input		kW	1.88
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.16
		COPd (declared COP)			4.13
		Power input		kW	0.52
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.16
Space heating (Warm climate)	B Condition (2°C)	COPd (declared COP)			4.13
		Power input		kW	0.52
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.66
		COPd (declared COP)			5.08
		Power input		kW	0.33
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.96
		COPd (declared COP)			6.16
		Power input		kW	0.32
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	15
	Standby mode	Cooling	PSB	W	15
		Heating	PSB	W	15
	Thermo-stat-off mode	PTO	Cooling	W	9
			Heating	W	9
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes

2 Specifications

2 - 1 Specifications

Technical specifications					FNA50A9 + RXM50A
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	56
	Piping length	Cooling	Measuring condition	m	5.00

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				FVXM50A + RXM50A
Cooling capacity			kW	1.40
			Btu/h	4,800
			kcal/h	1,204
	Nom.		kW	5.00
	Nom.		Btu/h	17,100
	Nom.		kcal/h	4,299
			kW	5.80
			Btu/h	19,800
			kcal/h	4,987
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kcal/h	-
	Max.		kcal/h	-
Heating capacity			kW	1.40
			Btu/h	4,800
			kcal/h	1,200
	Nom.		kW	5.80
	Nom.		Btu/h	19,800
	Nom.		kcal/h	4,987
	Max.		kW	8.10
	Max.		Btu/h	27,600
	Max.		kcal/h	6,965
Power input	Cooling		kW	1.31
	Heating		kW	1.52
Nominal efficiency	EER			3.81
	COP			3.81
	Annual energy consumption		kWh	656
	Energy labeling Directive	Cooling		A
		Heating		A
Space cooling	Energy efficiency class			A++
	Capacity	Pdesign	kW	5.00
	SEER			7.30
	Annual energy consumption		kWh/a	240
Space heating (Average climate)	Capacity	Pdesign	kW	4.10
	Energy efficiency class			A+
	SCOP/A			4.31
	SCOPnet/A			4.35
	Pdh Heating capacity at -10°		kW	3.58
Space heating (Average climate)	Annual energy consumption		kWh/a	1,330
	Required back up heating cap at design conditions		kW	0.52
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.21
	Energy efficiency class			A++
	SCOP			4.85
	SCOPnet			4.94
	Annual energy consumption		kWh/a	638
	Required back up heating cap at design conditions		kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00
		EERd		3.81
		Power input	kW	1.31
	B Condition (30°C - 27/19)	Pdc	kW	3.69
		EERd		5.49
		Power input	kW	0.67
	C Condition (25°C - 27/19)	Pdc	kW	2.37
		EERd		8.59
		Power input	kW	0.28
	D Condition (20°C - 27/19)	Pdc	kW	2.20
		EERd		12.51
		Power input	kW	0.18

2 Specifications

2 - 1 Specifications

Technical specifications					FVXM50A + RXM50A
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.49
		COPd (declared COP)			1.82
		Power input		kW	1.92
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	3.63
		COPd (declared COP)			3.16
		Power input		kW	1.15
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.63
		COPd (declared COP)			3.16
		Power input		kW	1.15
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.67
		COPd (declared COP)			5.15
		Power input		kW	0.32
Space heating (Average climate)	D Condition (12°C)	Pdh (declared heating cap)		kW	1.84
		COPd (declared COP)			5.98
		Power input		kW	0.31
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.49
		COPd (declared COP)			1.82
		Power input		kW	1.92
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.67
		COPd (declared COP)			5.15
		Power input		kW	0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.84
		COPd (declared COP)			5.98
		Power input		kW	0.31
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	1
	Standby mode	Cooling	PSB	W	1
		Heating	PSB	W	1
	Thermo-stat-off mode	PTO	Cooling	W	7
			Heating	W	15
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	61
	Piping length	Cooling	Measuring condition	m	5.00

Electrical specifications				FVXM50A + RXM50A
Power factor	Nominal	Cooling	%	95.9
		Heating	%	96.8
Current	Nominal running current (RLA)	Cooling	A	5.77
	Nominal running current (RLA) - 50Hz	Heating	A	6.76
Current - 50Hz	Maximum fuse amps (MFA)		A	16

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

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Technical specifications				FVXM50A9 + RXM50A
Cooling capacity			kW	1.40
			Btu/h	4,800
			kcal/h	1,204
	Nom.		kW	5.00
	Nom.		Btu/h	17,100
	Nom.		kcal/h	4,299
			kW	5.80
			Btu/h	19,800
			kcal/h	4,987
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.		kcal/h	-
	Max.		kcal/h	-
Heating capacity			kW	1.40
			Btu/h	4,800
			kcal/h	1,200
	Nom.		kW	5.80
	Nom.		Btu/h	19,800
	Nom.		kcal/h	4,987
	Max.		kW	8.10
	Max.		Btu/h	27,600
	Max.		kcal/h	6,965
Power input	Cooling		kW	1.31
	Heating		kW	1.52
Nominal efficiency	EER			3.81
	COP			3.81
	Annual energy consumption		kWh	656
	Energy labeling Directive	Cooling		A
		Heating		A
Space cooling	Energy efficiency class			A++
	Capacity	Pdesign	kW	5.00
	SEER			7.30
	Annual energy consumption		kWh/a	240
Space heating (Average climate)	Capacity	Pdesign	kW	4.10
	Energy efficiency class			A+
	SCOP/A			4.31
	SCOPnet/A			4.35
	Pdh Heating capacity at -10°		kW	3.58
Space heating (Average climate)	Annual energy consumption		kWh/a	1,330
	Required back up heating cap at design conditions		kW	0.52
Space heating (Warm climate)	Capacity	Pdesignh	kW	2.21
	Energy efficiency class			A++
	SCOP			4.85
	SCOPnet			4.94
	Annual energy consumption		kWh/a	638
	Required back up heating cap at design conditions		kW	0.00
Space cooling	A Condition (35°C - 27/19)	Pdc	kW	5.00
		EERd		3.81
		Power input	kW	1.31
	B Condition (30°C - 27/19)	Pdc	kW	3.69
		EERd		5.49
		Power input	kW	0.67
	C Condition (25°C - 27/19)	Pdc	kW	2.37
		EERd		8.59
		Power input	kW	0.28
	D Condition (20°C - 27/19)	Pdc	kW	2.20
		EERd		12.51
		Power input	kW	0.18

2 Specifications

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Technical specifications					FVXM50A9 + RXM50A
Space heating (Average climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.49
		COPd (declared COP)			1.82
		Power input		kW	1.92
	TBivalent	Tbiv (bivalent temperature)		°C	-7
		Pdh (declared heating cap)		kW	3.63
		COPd (declared COP)			3.16
		Power input		kW	1.15
	A Condition (-7°C)	Pdh (declared heating cap)		kW	3.63
		COPd (declared COP)			3.16
		Power input		kW	1.15
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.67
		COPd (declared COP)			5.15
		Power input		kW	0.32
Space heating (Average climate)	D Condition (12°C)	Pdh (declared heating cap)		kW	1.84
		COPd (declared COP)			5.98
		Power input		kW	0.31
Space heating (Warm climate)	TOL	Tol (temperature operating limit)		°C	-15
		Pdh (declared heating cap)		kW	3.49
		COPd (declared COP)			1.82
		Power input		kW	1.92
	TBivalent	Tbiv (bivalent temperature)		°C	2
		Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	B Condition (2°C)	Pdh (declared heating cap)		kW	2.21
		COPd (declared COP)			4.45
		Power input		kW	0.50
	C Condition (7°C)	Pdh (declared heating cap)		kW	1.67
		COPd (declared COP)			5.15
		Power input		kW	0.32
	D Condition (12°C)	Pdh (declared heating cap)		kW	1.84
		COPd (declared COP)			5.98
		Power input		kW	0.31
Power consumption in other than active mode	Crankcase heater mode	PCK		W	0
	Off mode	POFF		W	1
	Standby mode	Cooling	PSB	W	1
		Heating	PSB	W	1
	Thermo-stat-off mode	PTO	Cooling	W	7
			Heating	W	15
Cooling	Cdc (Degradation cooling)				0.25
Heating	Cdh (Degradation heating)				0.25
Cooling function included					Yes
Heating function included					Yes
Average climate included					Yes
Cold season included					No
Warm season included					Yes
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	62
	Sound power level indoor	Cooling	Nom.	dBA	61
	Piping length	Cooling	Measuring condition	m	5.00

Electrical specifications				FVXM50A9 + RXM50A
Power factor	Nominal	Cooling	%	95.9
		Heating	%	96.8
Current	Nominal running current (RLA)	Cooling	A	5.77
	Nominal running current (RLA) - 50Hz	Heating	A	6.76
Current - 50Hz	Maximum fuse amps (MFA)		A	16

Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. |
Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. |
See separate drawing for operation range |
See separate drawing for electrical data

2 Specifications

2 - 1 Specifications

Technical Specifications					RXM20A	RXM25A	RXM35A	RXM42A	RXM50A
Casing	Colour				Ivory white				
Dimensions	Unit	Height		mm	610				734
		Width		mm	923				954
		Depth		mm	367				401
	Packed unit	Height		mm	675				820
		Width		mm	1,007				1,050
		Depth		mm	450				480
Weight	Unit			kg		36		40	49
	Packed unit			kg		40		43	53
Packing	Weight			kg	4				
Heat exchanger	Length			mm	869				920
	Rows	Quantity			2				
	Fin pitch			mm	1.40				
	Stages	Quantity			26				32
	Passes	Quantity			4.3				2.2
	Tube type				ø7 Hi-XD				
	Tube material				Copper				
	Tube diameter			mm	7				
	Fin	Type			Waffle fin (PE)				
Fan	Type				Propeller fan				
	Air flow rate	Cooling	High	m^3/min		39.1		40.1	58.0
				cfm		1,381		1,416	2,048
			Nom.	m^3/min	38.5		39.1	40.1	58.0
				cfm	1,360		1,381	1,416	2,048
			Medium	m^3/min		36.5		38.5	56.3
				cfm		1,289		1,360	1,988
			Low	m^3/min	26.4				56.3
				cfm	932				1,988
			Silent operation	m^3/min	26.4				36.6
				cfm	932				1,293
		Heating	High	m^3/min		39.1		40.1	54.7
				cfm		1,381		1,416	1,932
			Nom.	m^3/min	35.0		38.0		54.7
				cfm	1,236		1,342		1,932
			Medium	m^3/min		21.3		35.0	36.6
				cfm		752		1,236	1,293
Fan	Air flow rate	Heating	Low	m^3/min		16.3		26.4	36.6
				cfm		576		932	1,293
Fan motor	Model				DFC05A3VA				D55F-31
	Output			W	50				40
	Speed	Cooling	High	rpm		850		870	760
			Nom.	rpm	840		850	870	760
			Medium	rpm		800		840	740
			Low	rpm	600				740
			Super low	rpm	600				500
		Heating	High	rpm		850		870	720
			Nom.	rpm	770		830		720
			Low	rpm		400		600	500
			Medium	rpm		500		770	500
Compressor	Model				1Y091BKBX1P#D			2YC40JXD#D	
	Oil Amount			cm^3		375		650	
	Type				Hermetically sealed swing compressor				
	Output			W		800		1,300	
	Oil Type				FW68DA				
Operation range	Cooling	Ambient	Min.	°CDB	-10				
			Max.	°CDB	50				50 (1) / 46 (1)
	Heating	Ambient	Min.	°CWB	-21				
				°CDB	-20				-20 (1) / -15 (1)
			Max.	°CWB	18				
				°CDB	24				
Sound power level	Cooling	Max		dBA	61		62		63
		Night quiet mode		dBA		56		58	
		Tonal adjustment		dBA	0				
	Heating	Max		dBA	61		62		63
		Nom.		dBA	58		60	61	62
		Night quiet mode		dBA		56		58	
		Tonal adjustment		dBA	0				

2 Specifications

2 - 1 Specifications

Technical Specifications					RXM20A	RXM25A	RXM35A	RXM42A	RXM50A
Sound power level - Low sound mode (Stb. 2020, 189)	Cooling	Max.		dBA	59		60		
		Night quiet mode		dBA	55				
		Tonal adjustment		dBA	0				
	Heating	Max.		dBA	59		60		
		Night quiet mode		dBA	55				
		Tonal adjustment		dBA	0				
Sound pressure level	Cooling	Nom.		dBA	46		47	48	
	Heating	Nom.		dBA	47		49		
Refrigerant	Type				R-32				
	Charge			kg	0.95				1.10
	Control				Expansion valve				
	GWP				675				
Piping connections	Liquid	OD		mm	6.4				
	Gas	OD		mm	9.5				12.7
	Drain	OD		mm	16 (inner diameter of connecting hose)				
	Piping length	OU - IU	Min.	m	1.5				3
			Max.	m	20			30	
		System	Chargeless	m	10				
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10m)				
	Level difference	IU - OU	Max.	m	15			20	
	Heat insulation				Both liquid and gas pipes				
Capacity control	Method				Variable (inverter)				

Standard accessories: Drain joint;Quantity: 1;

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Refrigerant charge label;Quantity: 1;

Standard accessories: Multilingual fluorinated greenhouse gases labels;Quantity: 1;

Standard accessories: General safety precautions;Quantity: 1;

Standard accessories: LOT10 Energy Label;Quantity: 1;

Standard accessories: Drain cap (1);Quantity: 6;

Standard accessories: Drain cap (2);Quantity: 1;

Electrical Specifications				RXM20A	RXM25A	RXM35A	RXM42A	RXM50A
Power supply	Name			V1				
	Phase			1~				
	Frequency		Hz	50				
	Voltage		V	220-240				
Wiring connections	For power supply	Quantity		3				
		Remark		Earth wire included				
	For connection with indoor	Quantity		4				
		Remark		Earth wire included				
Current - 50Hz	Maximum fuse amps (MFA)		A	10		13		16

(1)See separate drawing for operation range |
See separate drawing for electrical data |
Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

ARXM25-35A
RXM20-42A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM20A5V1B	FTXM20A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	9,19	10	30,0	2	0,05	0,6	0,02	0,22
		50	230					1,9				
		50	240					1,8				
RXM20A5V1B	FTXM20A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	9,19	10	30,0	2	0,05	0,6	0,02	0,22
		50	230					1,9				
		50	240					1,8				
RXM25A5V1B	FTXM25A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	10,01	13	38	2,5	0,05	0,6	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM25A5V1B	FTXM25A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	10,01	13	38	2,5	0,05	0,6	0,02	0,22
		50	230					2,4				
		50	240					2,3				
RXM35A5V1B	FTXM35A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	10,11	13	57	3,6	0,05	0,6	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM35A5V1B	FTXM35A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	10,11	13	57	3,6	0,05	0,6	0,03	0,31
		50	230					3,4				
		50	240					3,3				
RXM42A5V1B	FTXM42A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	11,54	13	46	4,7	0,05	0,6	0,04	0,36
		50	230					4,5				
		50	240					4,3				
RXM42A5V1B	FTXM42A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	11,54	13	46	4,7	0,05	0,6	0,04	0,36
		50	230					4,5				
		50	240					4,3				
ARXM25A5V1B	ATXM25A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	10,01	13	38	2,5	0,05	0,6	0,02	0,22
		50	230					2,4				
		50	240					2,3				
ARXM25A5V1B	ATXM25A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	10,01	13	38	2,5	0,05	0,6	0,02	0,22
		50	230					2,4				
		50	240					2,3				
ARXM35A5V1B	ATXM35A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	10,11	13	57	3,7	0,05	0,6	0,03	0,31
		50	230					3,5				
		50	240					3,4				
ARXM35A5V1B	ATXM35A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	10,11	13	57	3,7	0,05	0,6	0,03	0,31
		50	230					3,5				
		50	240					3,4				

Symbols
- MCA: Minimum Circuit Ampere [A]
- MFA: Maximum Fuse Ampere [A]
- RLA: Rated load amps [A]
- OFM: Outdoor fan motor
- IFM: Indoor fan motor
- FLA: Full load amps [A]
- kW: Fan motor rated output [kW]
- RHz: Rated operating frequency [Hz]

Notes
1) The ·RLA· is based on the following conditions.
   Outdoor temperature ·35·°C DB
   Indoor temperature ·27·°C DB / ·19·°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is ·2·%.
4) Use a circuit breaker instead of a fuse.

4D148957

3 Electrical data

3 - 1 Electrical Data

ARXM50A
RXM50A

Unit combination restrictions		Power supply					COMP		OFM		IFM	
Outdoor unit	Indoor unit	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA	kW	FLA
RXM50A5V1B	FTXM50A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,28	16	64	6,5	0,06	0,4	0,04	0,4
		50	230					6,2				
		50	240					5,9				
RXM50A5V1B	FTXM50A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,28	16	64	6,5	0,06	0,4	0,04	0,4
		50	230					6,2				
		50	240					5,9				
RXM50A5V1B	FVXM50A3V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,04	16	58	5,3	0,06	0,4	0,04	0,1
		50	230					5,1				
		50	240					4,9				
RXM50A5V1B	FVXM50A3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,04	16	58	5,3	0,06	0,4	0,04	0,1
		50	230					5,1				
		50	240					4,9				
RXM50A5V1B	FCAG50BVEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,21	16	58	5,2	0,06	0,4	0,05	0,3
		50	230					5				
		50	240					4,8				
RXM50A5V1B	FBA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15,42	16	55	5,2	0,06	0,4	0,09	1,4
		50	230					5				
		50	240					4,8				
RXM50A5V1B	FHA50AVEB98	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,54	16	64	5,5	0,06	0,4	0,09	0,6
		50	230					5,3				
		50	240					5,2				
RXM50A5V1B	FFA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,32	16	62	5,6	0,06	0,4	0,05	0,4
		50	230					5,4				
		50	240					5,3				
RXM50A5V1B	FDXM50F3V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,87	16	55	4,9	0,06	0,4	0,06	0,9
		50	230					4,7				
		50	240					4,5				
RXM50A5V1B	FNA50A2VEB9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,43	16	55	4,9	0,06	0,4	0,06	0,5
		50	230					4,7				
		50	240					4,5				
ARXM50A5V1B	ATXM50A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,28	16	64	6,7	0,06	0,4	0,04	0,4
		50	230					6,4				
		50	240					6,1				
ARXM50A5V1B	ATXM50A5V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,28	16	64	6,7	0,06	0,4	0,04	0,4
		50	230					6,4				
		50	240					6,1				
ARXM50A5V1B	ADEA50A2VEB	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	15,42	16	55	5,2	0,06	0,4	0,09	1,4
		50	230					5				
		50	240					4,8				

Symbols
- MCA: Minimum Circuit Ampere [A]
- MFA: Maximum Fuse Ampere [A]
- RLA: Rated load amps [A]
- OFM: Outdoor fan motor
- IFM: Indoor fan motor
- FLA: Full load amps [A]
- kW: Fan motor rated output [kW]
- RHz: Rated operating frequency [Hz]

Notes
1) The ·RLA· is based on the following conditions.
   Outdoor temperature ·35·°C DB
   Indoor temperature ·27·°C DB / ·19·°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is ·2·%.
4) Use a circuit breaker instead of a fuse.

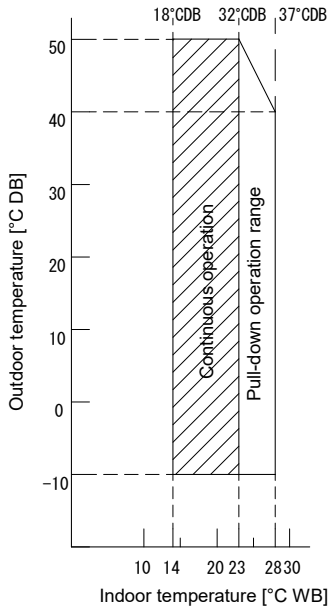
4D148958

4 Operation Range

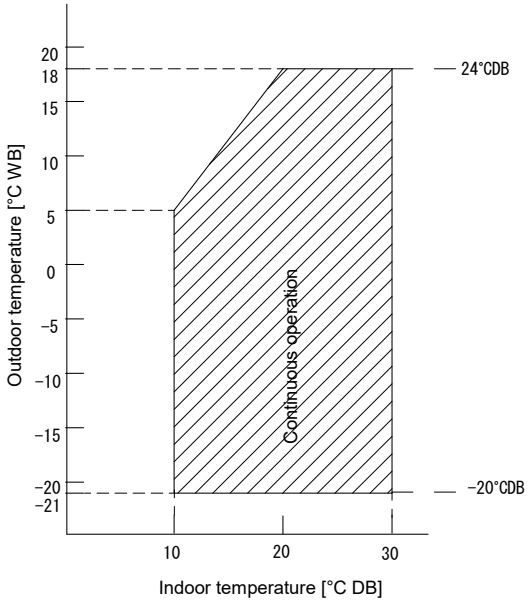
4 - 1 Operation Range

ARXM25-35A
RXM20-42A

Cooling



Heating



Only possible in combination with ·ATXM*A2V1B, ATXM*A5V1B, FTXM*A2V1B, FTXM*A5V1B·

Notes
1.The ·graph· is based on the following conditions.
Corresponding refrigerant piping length: ·5· m
Level difference: ·0·m
Air flow rate High

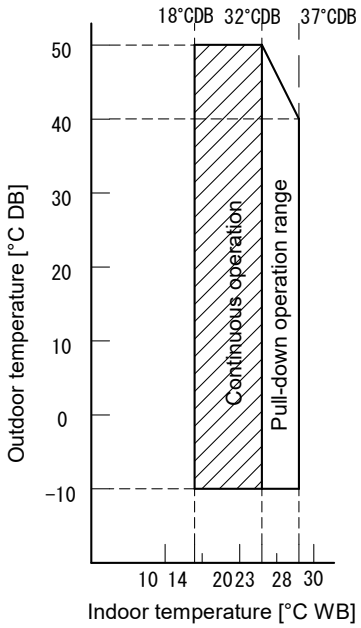
3D148983

4 Operation Range

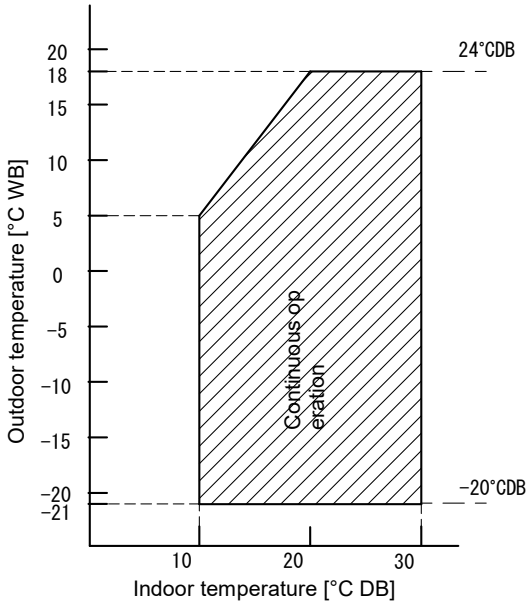
4 - 1 Operation Range

ARXM50A
RXM50A

Cooling

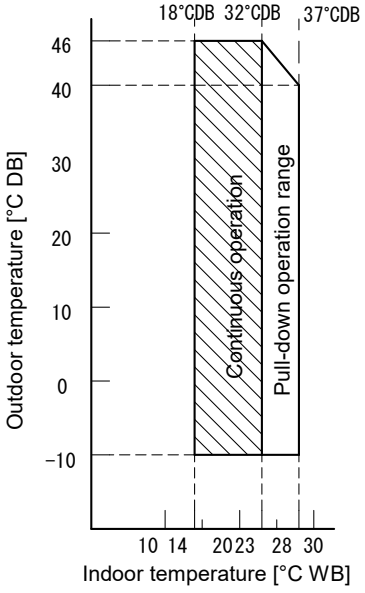


Heating

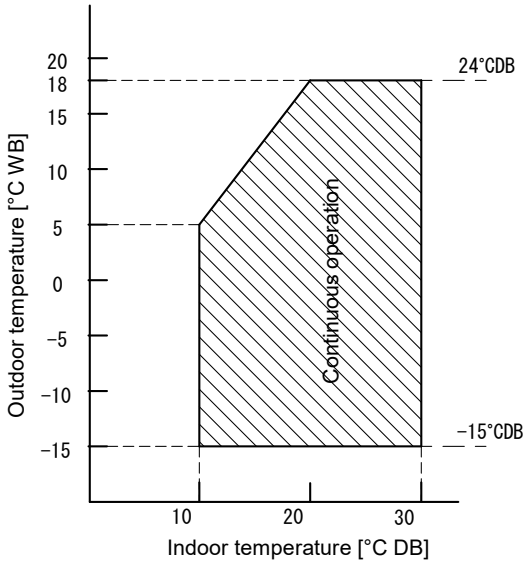


Only possible in combination with ·ATXM*A2V1B, ATXM*A5V1B, FTXM*A2V1B, FTXM*A5V1B·

Cooling



Heating



Only possible in combination with ·FCAG*BVEB, FFA*A2VEB9, FBA*A2VEB9, FHA*AVEB98, FHA*AVEB99, FDXM*F3V1B9, FNA*A2VEB9, ADEA*A2VEB, FVXM*A3V1B, FVXM*A3V1B9·

Notes

1. The ·graph· is based on the following conditions.
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
   Air flow rate High

3D148981

5 Capacity tables

5 - 1 Cooling/Heating Capacity Tables

FTXM20A / RXM20A

Cooling ·50Hz 220 -240V·

AFR	10,3
BF	0,17

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2,05	1,90	0,29	1,96	1,86	0,31	1,86	1,81	0,34	1,83	1,80	0,35	1,77	1,77	0,37	1,68	1,68	0,40
16	22	2,14	1,87	0,29	2,05	1,83	0,32	1,95	1,79	0,34	1,92	1,78	0,35	1,86	1,75	0,37	1,77	1,71	0,40
18	25	2,23	2,01	0,29	2,14	1,97	0,32	2,05	1,94	0,35	2,01	1,92	0,36	1,95	1,90	0,37	1,86	1,86	0,40
19	**27**	2,28	2,17	0,29	2,19	2,13	0,32	2,09	2,09	0,35	2,06	2,06	0,36	2,00	2,00	0,37	1,91	1,91	0,40
22	30	2,42	2,11	0,29	2,32	2,08	0,32	2,23	2,05	0,35	2,19	2,03	0,36	2,14	2,02	0,38	2,05	1,99	0,40
24	32	2,51	2,07	0,30	2,42	2,04	0,32	2,32	2,01	0,35	2,29	2,00	0,36	2,23	1,98	0,38	2,14	1,96	0,41

Heating ·50Hz 220 -240V·

AFR	11,4

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,27	0,39	1,59	0,41	1,90	0,43	2,22	0,45	2,60	0,47	2,85	0,48
20	1,17	0,42	1,49	0,44	1,80	0,46	2,12	0,48	2,50	0,50	2,75	0,52
22	1,13	0,43	1,45	0,45	1,76	0,47	2,08	0,49	2,46	0,51	2,71	0,53
24	1,09	0,44	1,41	0,46	1,72	0,48	2,04	0,50	2,42	0,52	2,67	0,54
25	1,07	0,45	1,39	0,47	1,70	0,49	2,02	0,51	2,40	0,53	2,65	0,55
27	1,03	0,46	1,35	0,48	1,66	0,50	1,98	0,52	2,36	0,54	2,61	0,56

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	1,82	0,72	2,34	0,81	2,85	0,89	3,37	0,98	3,38	1,06	4,50	1,17	4,91	1,23

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ☐ Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150084

FTXM25A / RXM25A

Cooling ·50Hz 220 -240V·

AFR	11,9
BF	0,16

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	2,56	2,29	0,37	2,44	2,23	0,40	2,33	2,18	0,44	2,28	2,16	0,45	2,21	2,13	0,48	2,10	2,08	0,51
16	22	2,68	2,25	0,37	2,56	2,20	0,41	2,44	2,15	0,44	2,40	2,13	0,46	2,33	2,10	0,48	2,21	2,05	0,51
18	25	2,79	2,41	0,37	2,68	2,36	0,41	2,56	2,32	0,44	2,51	2,30	0,46	2,44	2,27	0,48	2,33	2,23	0,52
19	**27**	2,85	2,59	0,37	2,73	2,55	0,41	2,62	2,50	0,45	2,57	2,48	0,46	2,50	2,46	0,48	2,38	2,38	0,52
22	30	3,02	2,52	0,38	2,91	2,48	0,41	2,79	2,44	0,45	2,74	2,42	0,46	2,67	2,40	0,48	2,56	2,36	0,52
24	32	3,14	2,47	0,38	3,02	2,43	0,42	2,90	2,40	0,45	2,86	2,38	0,46	2,79	2,36	0,49	2,67	2,33	0,52

Heating ·50Hz 220 -240V·

AFR	11,4

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	1,45	0,44	1,79	0,46	2,14	0,48	2,49	0,50	2,91	0,53	3,18	0,54
20	1,34	0,47	1,69	0,49	2,04	0,51	2,38	0,54	2,80	0,56	3,08	0,58
22	1,30	0,49	1,65	0,51	1,99	0,53	2,34	0,55	2,76	0,57	3,04	0,59
24	1,26	0,50	1,61	0,52	1,95	0,54	2,30	0,56	2,72	0,59	2,99	0,60
25	1,24	0,51	1,58	0,53	1,93	0,55	2,28	0,57	2,69	0,60	2,97	0,61
27	1,20	0,52	1,54	0,54	1,89	0,56	2,24	0,58	2,65	0,61	2,93	0,63

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,06	0,83	2,63	0,93	3,19	1,03	3,38	1,13	3,77	1,23	5,00	1,36	5,45	1,44

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. ☐ Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150085

5 Capacity tables

5 - 1 Cooling/Heating Capacity Tables

FTXM35A / RXM35A

Cooling ·50Hz 220 -240V·

AFR	13,2
BF	0,23

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	3,59	2,79	0,58	3,42	2,71	0,64	3,26	2,63	0,69	3,19	2,60	0,71	3,10	2,55	0,75	2,93	2,48	0,80
16	22	3,75	2,74	0,58	3,58	2,67	0,64	3,42	2,59	0,70	3,36	2,57	0,72	3,26	2,52	0,75	3,10	2,45	0,81
18	25	3,91	2,89	0,59	3,75	2,82	0,64	3,58	2,75	0,70	3,52	2,73	0,72	3,42	2,69	0,75	3,26	2,62	0,81
19	**27**	3,99	3,07	0,59	3,83	3,00	0,64	3,66	2,93	0,70	3,60	2,91	0,72	3,50	2,87	0,76	3,34	2,81	0,81
22	30	4,23	2,96	0,59	4,07	2,91	0,65	3,90	2,85	0,71	3,84	2,82	0,73	3,74	2,79	0,76	3,58	2,73	0,82
24	32	4,39	2,89	0,60	4,23	2,84	0,65	4,07	2,79	0,71	4,00	2,76	0,73	3,90	2,73	0,76	3,74	2,68	0,82

Heating ·50Hz 220 -240V·

AFR	11,1

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,18	0,69	2,63	0,72	3,08	0,74	3,08	0,77	4,08	0,80	4,44	0,83
20	2,10	0,77	2,55	0,79	3,00	0,82	3,01	0,85	4,00	0,88	4,36	0,90
22	2,07	0,80	2,52	0,82	2,97	0,85	2,99	0,88	3,97	0,91	4,33	0,93
24	2,04	0,83	2,49	0,85	2,94	0,88	2,96	0,91	3,94	0,94	4,30	0,96
25	2,02	0,84	2,47	0,87	2,92	0,89	2,94	0,92	3,92	0,95	4,28	0,98
27	1,99	0,87	2,44	0,90	2,89	0,92	2,92	0,95	3,89	0,98	4,25	1,01

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,12	0,85	2,77	0,98	3,42	1,11	3,55	1,24	4,12	1,37	5,50	1,52	6,02	1,62

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150086

FTXM42A / RXM42A

Cooling ·50Hz 220 -240V·

AFR	13,3
BF	0,26

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,04	2,98	0,72	4,04	2,98	0,83	3,91	2,92	0,92	3,83	2,88	0,94	3,72	2,82	0,99	3,52	2,72	1,06
16	22	4,50	3,06	0,77	4,30	2,97	0,85	4,11	2,87	0,92	4,03	2,84	0,95	3,91	2,78	0,99	3,71	2,69	1,07
18	25	4,69	3,19	0,78	4,49	3,11	0,85	4,30	3,02	0,92	4,22	2,99	0,95	4,10	2,93	1,00	3,91	2,85	1,07
19	**27**	4,79	3,36	0,78	4,59	3,27	0,85	4,40	3,19	0,93	4,32	3,16	0,96	4,20	3,11	1,00	4,00	3,03	1,07
22	30	5,08	3,23	0,78	4,88	3,16	0,86	4,69	3,08	0,93	4,61	3,06	0,96	4,49	3,01	1,01	4,29	2,94	1,08
24	32	5,27	3,14	0,79	5,07	3,08	0,86	4,88	3,01	0,94	4,80	2,98	0,97	4,68	2,94	1,01	4,49	2,88	1,08

Heating ·50Hz 220 -240V·

AFR	14,0

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,77	0,88	3,43	0,96	3,69	1,04	4,10	1,12	5,56	1,21	6,09	1,28
20	2,61	0,95	3,27	1,03	3,55	1,11	3,96	1,19	5,40	1,29	5,93	1,35
22	2,55	0,98	3,21	1,06	3,49	1,14	3,90	1,22	5,34	1,32	5,87	1,38
24	2,48	1,01	3,15	1,09	3,43	1,17	3,85	1,25	5,27	1,35	5,80	1,41
25	2,45	1,03	3,11	1,11	3,40	1,19	3,82	1,27	5,24	1,36	5,77	1,43
27	2,39	1,06	3,05	1,14	3,34	1,22	3,77	1,30	5,18	1,39	5,71	1,46

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	2,36	1,02	3,10	1,13	3,84	1,24	3,94	1,34	4,57	1,45	6,20	1,59	6,79	1,67

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150087

5 Capacity tables

5 - 1 Cooling/Heating Capacity Tables

FTXM50A / RXM50A

Cooling ·50Hz 220 -240V·

AFR	12,7
BF	0,23

Indoor air temperature		Outdoor temperature [°C DB]																	
		20			25			30			32			**35**			40		
[°C WB]	[°C DB]	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14	20	4,00	2,95	0,70	4,00	2,95	0,82	4,00	2,95	0,95	4,00	2,95	1,01	4,00	2,95	1,11	4,00	2,95	1,32
16	22	5,08	3,35	0,96	5,08	3,35	1,13	4,89	3,25	1,25	4,79	3,20	1,29	4,65	3,13	1,35	4,42	3,02	1,45
18	25	5,58	3,60	1,05	5,35	3,49	1,15	5,12	3,38	1,26	5,02	3,34	1,30	4,88	3,27	1,36	4,65	3,17	1,46
19	**27**	5,70	3,76	1,06	5,47	3,65	1,16	5,23	3,54	1,26	5,14	3,50	1,30	5,00	3,44	1,36	4,77	3,34	1,46
22	30	6,04	3,61	1,07	5,81	3,51	1,17	5,58	3,42	1,27	5,49	3,38	1,31	5,35	3,33	1,37	5,11	3,24	1,47
24	32	6,27	3,50	1,07	6,04	3,41	1,17	5,81	3,33	1,27	5,72	3,29	1,31	5,58	3,24	1,37	5,34	3,16	1,47

Heating ·50Hz 220 -240V·

AFR	14,5

Indoor air temperature	Outdoor temperature [°C WB]											
	-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15	2,95	0,98	3,68	1,07	3,83	1,15	4,45	1,24	5,99	1,35	6,57	1,41
20	2,76	1,03	3,48	1,12	3,66	1,21	4,29	1,29	5,80	1,40	6,38	1,47
22	2,68	1,05	3,41	1,14	3,59	1,23	4,22	1,31	5,72	1,42	6,30	1,49
24	2,61	1,08	3,33	1,16	4,05	1,25	4,15	1,34	5,65	1,44	6,22	1,51
25	2,57	1,09	3,29	1,17	4,01	1,26	4,12	1,35	5,61	1,45	6,19	1,52
27	2,49	1,11	3,21	1,19	3,94	1,28	4,05	1,37	5,53	1,47	6,11	1,54

Heating capacity at nominal operating frequency, measured according to ·EN14511·.

Indoor air temperature	Outdoor temperature [°C WB]													
	-20		-15		-10		-5		0		**6**		10	
[°C DB]	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
20	3,20	1,41	3,84	1,47	4,47	1,53	4,44	1,58	4,99	1,64	6,50	1,71	7,01	1,76

Heating capacity at maximum operating frequency, measured according to ·EN14511·.

Symbols

AFR	Air flow rate [m³/min]
BF	Bypass factor
°C WB	Wet-bulb temperature [°C WB]
°C DB	Dry-bulb temperature [°C DB]
TC	Total capacity [kW]
SHC	Sensible heat capacity [kW]
PI	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. Nominal capacity and nominal input
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D150088

FCAG50B / RXM50A

Cooling ·50· Hz ·220 - 240· V

AFR	12,6
BF	0,22

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,03	2,98	0,91	4,03	2,98	1,04	4,03	2,98	1,17	4,03	2,98	1,23	4,03	2,98	1,31	4,03	2,98	1,46
16,0	22	5,13	3,37	1,05	5,12	3,37	1,18	4,89	3,25	1,28	4,79	3,21	1,33	4,65	3,14	1,39	4,42	3,03	1,49
18,0	25	5,58	3,61	1,08	5,35	3,50	1,19	5,12	3,39	1,29	5,02	3,35	1,33	4,88	3,28	1,39	4,65	3,18	1,50
19,0	27	5,70	3,77	1,09	5,47	3,66	1,19	5,23	3,55	1,29	5,14	3,51	1,34	5,00	3,45	1,40	4,77	3,35	1,50
22,0	30	6,04	3,62	1,10	5,81	3,52	1,20	5,58	3,43	1,30	5,49	3,39	1,34	5,35	3,34	1,41	5,11	3,25	1,51
24,0	32	6,27	3,51	1,10	6,04	3,42	1,21	5,81	3,34	1,31	5,72	3,30	1,35	5,58	3,25	1,41	5,34	3,17	1,52

AFR	12,6

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,79	1,30	3,35	1,37	3,91	1,44	4,48	1,50	6,21	1,59	6,75	1,64
20,0	2,62	1,34	3,18	1,41	3,74	1,47	4,31	1,54	6,00	1,62	6,54	1,68
22,0	2,55	1,36	3,11	1,42	3,67	1,49	4,24	1,56	5,92	1,64	6,31	1,69
24,0	2,48	1,37	3,04	1,44	3,61	1,50	4,17	1,57	5,83	1,65	5,86	1,70
25,0	2,45	1,38	3,01	1,44	3,57	1,51	4,13	1,58	5,63	1,66	5,63	1,71
27,0	2,38	1,39	2,94	1,46	3,50	1,53	4,06	1,59	5,18	1,67	5,18	1,73

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110076E

5 Capacity tables

5 - 1 Cooling/Heating Capacity Tables

FDXM50F9 / RXM50A

AFR	15,8
BF	0,11

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,38	3,24	1,15	4,38	3,24	1,30	4,38	3,24	1,46	4,38	3,24	1,53	4,38	3,24	1,61	4,17	3,13	1,75
16,0	22	5,35	3,56	1,27	5,12	3,44	1,40	4,89	3,33	1,52	4,79	3,28	1,57	4,65	3,22	1,62	4,37	3,08	1,75
18,0	25	5,58	3,70	1,28	5,35	3,59	1,40	5,12	3,48	1,52	5,02	3,44	1,57	4,88	3,38	1,63	4,58	3,24	1,75
19,0	27	5,70	3,87	1,28	5,47	3,76	1,41	5,23	3,66	1,53	5,14	3,62	1,58	5,00	3,56	1,63	4,68	3,42	1,75
22,0	30	6,04	3,72	1,30	5,81	3,63	1,42	5,58	3,54	1,54	5,49	3,50	1,59	5,35	3,45	1,65	4,97	3,31	1,75
24,0	32	6,27	3,61	1,30	6,04	3,53	1,42	5,81	3,45	1,55	5,72	3,41	1,60	5,58	3,36	1,66	5,17	3,22	1,75

AFR	15,8

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,70	1,51	3,24	1,58	3,78	1,66	4,33	1,74	6,00	1,83	6,52	1,89
20,0	2,53	1,55	3,07	1,62	3,62	1,70	4,16	1,78	5,80	1,87	6,32	1,93
22,0	2,46	1,56	3,01	1,64	3,55	1,72	4,10	1,80	5,72	1,89	6,24	1,95
24,0	2,40	1,58	2,94	1,66	3,49	1,74	4,03	1,81	5,64	1,90	5,96	1,97
25,0	2,36	1,59	2,91	1,67	3,45	1,74	4,00	1,82	5,60	1,91	5,73	1,97
27,0	2,30	1,61	2,84	1,68	3,39	1,76	3,93	1,84	5,27	1,93	5,27	1,99

Symbols

AFR : Air flow rate [m³/min]
BF : Bypass factor
EWB : Entering wet-bulb temperature (°C WB)
EDB : Entering dry-bulb temperature (°C DB)
TC : Total capacity [kW]
SHC : Sensible heat capacity [kW]
PI : Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110080D

FFA50A9 / RXM50A

AFR	12,7
BF	0,16

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,14	3,06	1,03	4,14	3,06	1,17	4,14	3,06	1,32	4,14	3,06	1,38	4,14	3,06	1,47	4,14	3,06	1,63
16,0	22	5,26	3,46	1,18	5,12	3,39	1,30	4,89	3,27	1,42	4,79	3,23	1,46	4,65	3,16	1,53	4,42	3,05	1,65
18,0	25	5,58	3,64	1,20	5,35	3,53	1,31	5,12	3,42	1,43	5,02	3,37	1,47	4,88	3,31	1,54	4,65	3,21	1,65
19,0	27	5,70	3,80	1,20	5,47	3,69	1,31	5,23	3,59	1,43	5,14	3,54	1,47	5,00	3,48	1,54	4,77	3,38	1,66
22,0	30	6,04	3,65	1,21	5,81	3,55	1,33	5,58	3,46	1,44	5,49	3,42	1,48	5,35	3,37	1,55	5,11	3,28	1,67
24,0	32	6,27	3,54	1,22	6,04	3,45	1,33	5,81	3,37	1,45	5,72	3,34	1,49	5,58	3,29	1,56	5,34	3,20	1,67

AFR	12,7

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,70	1,34	3,24	1,41	3,78	1,47	4,33	1,54	6,00	1,62	6,52	1,68
20,0	2,53	1,37	3,07	1,44	3,62	1,51	4,16	1,58	5,80	1,66	6,32	1,72
22,0	2,46	1,39	3,01	1,46	3,55	1,53	4,10	1,59	5,72	1,68	6,21	1,73
24,0	2,40	1,40	2,94	1,47	3,49	1,54	4,03	1,61	5,64	1,69	5,77	1,75
25,0	2,36	1,41	2,91	1,48	3,45	1,55	4,00	1,62	5,55	1,70	5,55	1,75
27,0	2,30	1,43	2,84	1,50	3,39	1,56	3,93	1,63	5,10	1,71	5,10	1,77

Symbols

AFR : Air flow rate [m³/min]
BF : Bypass factor
EWB : Entering wet-bulb temperature (°C WB)
EDB : Entering dry-bulb temperature (°C DB)
TC : Total capacity [kW]
SHC : Sensible heat capacity [kW]
PI : Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110085D

5 Capacity tables

5 - 1 Cooling/Heating Capacity Tables

FHA50A9 / RXM50A

5

Cooling ·50· Hz ·220 - 240· V

AFR	15,0
BF	0,18

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	5,05	3,73	1,18	4,89	3,65	1,31	4,66	3,53	1,43	4,56	3,49	1,47	4,42	3,42	1,54	4,19	3,30	1,66
16,0	22	5,35	3,70	1,20	5,12	3,59	1,32	4,89	3,48	1,43	4,79	3,44	1,48	4,65	3,37	1,55	4,42	3,27	1,66
18,0	25	5,58	3,87	1,21	5,35	3,77	1,32	5,12	3,66	1,44	5,02	3,62	1,49	4,88	3,56	1,55	4,65	3,47	1,67
19,0	27	5,70	4,08	1,21	5,47	3,98	1,33	5,23	3,88	1,44	5,14	3,84	1,49	5,00	3,78	1,56	4,77	3,69	1,67
22,0	30	6,04	3,93	1,22	5,81	3,84	1,34	5,58	3,75	1,45	5,49	3,72	1,50	5,35	3,67	1,57	5,11	3,58	1,68
24,0	32	6,27	3,82	1,23	6,04	3,74	1,34	5,81	3,66	1,46	5,72	3,63	1,51	5,58	3,59	1,58	5,34	3,51	1,69

Heating ·50· Hz ·220 - 240· V

AFR	15,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,79	1,44	3,35	1,51	3,91	1,59	4,48	1,66	6,21	1,75	6,75	1,81
20,0	2,62	1,48	3,18	1,56	3,74	1,63	4,31	1,70	6,00	1,79	6,54	1,85
22,0	2,55	1,50	3,11	1,57	3,67	1,64	4,24	1,72	5,92	1,81	6,46	1,87
24,0	2,48	1,51	3,04	1,59	3,61	1,66	4,17	1,73	5,83	1,82	6,38	1,88
25,0	2,45	1,52	3,01	1,60	3,57	1,67	4,13	1,74	5,79	1,83	6,33	1,89
27,0	2,38	1,54	2,94	1,61	3,50	1,69	4,06	1,76	5,71	1,85	6,25	1,91

Symbols

AFR : Air flow rate [m³/min]
BF : Bypass factor
EWB : Entering wet-bulb temperature (°C WB)
EDB : Entering dry-bulb temperature (°C DB)
TC : Total capacity [kW]
SHC : Sensible heat capacity [kW]
PI : Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110087E

FNA50A9 / RXM50A

Cooling ·50· Hz ·220 - 240· V

AFR	16,0
BF	0,12

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	5,12	3,94	1,13	4,89	3,83	1,24	4,66	3,71	1,35	4,56	3,67	1,40	4,42	3,60	1,46	4,19	3,49	1,57
16,0	22	5,35	3,87	1,14	5,12	3,77	1,25	4,89	3,66	1,36	4,79	3,62	1,40	4,65	3,56	1,47	4,42	3,45	1,58
18,0	25	5,58	4,08	1,15	5,35	3,98	1,26	5,12	3,88	1,37	5,02	3,84	1,41	4,88	3,78	1,48	4,65	3,69	1,59
19,0	27	5,70	4,32	1,15	5,47	4,22	1,26	5,23	4,13	1,37	5,14	4,09	1,41	5,00	4,04	1,48	4,77	3,94	1,59
22,0	30	6,04	4,17	1,16	5,81	4,09	1,27	5,58	4,00	1,38	5,49	3,97	1,42	5,35	3,92	1,49	5,11	3,84	1,60
24,0	32	6,27	4,07	1,17	6,04	3,99	1,28	5,81	3,92	1,39	5,72	3,89	1,43	5,58	3,84	1,50	5,34	3,77	1,60

Heating ·50· Hz ·220 - 240· V

AFR	16,0

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,70	1,40	3,24	1,47	3,78	1,54	4,33	1,61	6,00	1,70	6,52	1,75
20,0	2,53	1,44	3,07	1,51	3,62	1,58	4,16	1,65	5,80	1,74	6,32	1,79
22,0	2,46	1,45	3,01	1,52	3,55	1,59	4,10	1,67	5,72	1,75	6,24	1,81
24,0	2,40	1,47	2,94	1,54	3,49	1,61	4,03	1,68	5,64	1,77	6,16	1,83
25,0	2,36	1,48	2,91	1,55	3,45	1,62	4,00	1,69	5,60	1,78	6,12	1,83
27,0	2,30	1,49	2,84	1,56	3,39	1,63	3,93	1,71	5,52	1,79	6,04	1,85

Symbols

AFR : Air flow rate [m³/min]
BF : Bypass factor
EWB : Entering wet-bulb temperature (°C WB)
EDB : Entering dry-bulb temperature (°C DB)
TC : Total capacity [kW]
SHC : Sensible heat capacity [kW]
PI : Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

3D110091D

5 Capacity tables

5 - 1 Cooling/Heating Capacity Tables

FVXM50A / RXM50A
FVXM50A9 / RXM50A

AFR	11,6
BF	0,11

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	4,34	3,70	0,95	4,28	3,70	1,07	4,18	3,69	1,18	4,11	3,69	1,23	4,06	3,69	1,29	4,01	3,69	1,39
16,0	22	5,15	3,63	1,01	5,02	3,59	1,11	4,86	3,55	1,21	4,79	3,53	1,25	4,65	3,50	1,30	4,42	3,45	1,40
18,0	25	5,48	3,87	1,02	5,32	3,84	1,12	5,12	3,80	1,21	5,02	3,79	1,25	4,88	3,78	1,31	4,65	3,77	1,41
19,0	27	5,67	4,23	1,02	5,47	4,21	1,12	5,23	4,22	1,22	5,14	4,22	1,25	5,00	4,25	1,31	4,77	4,31	1,41
22,0	30	6,04	3,82	1,03	5,81	3,78	1,13	5,58	3,75	1,22	5,49	3,75	1,26	5,35	3,74	1,32	5,11	3,76	1,42
24,0	32	6,27	3,57	1,04	6,04	3,53	1,13	5,81	3,49	1,23	5,72	3,48	1,27	5,58	3,46	1,33	5,34	3,45	1,42

AFR	12,8

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		7		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,44	0,95	3,26	1,07	4,07	1,19	4,05	1,31	6,02	1,47	6,51	1,54
20,0	2,22	1,01	3,04	1,12	3,85	1,24	3,86	1,36	5,80	1,52	6,29	1,59
22,0	2,13	1,03	2,95	1,14	3,76	1,26	3,79	1,38	5,71	1,55	6,20	1,61
24,0	2,05	1,05	2,86	1,16	3,67	1,28	3,72	1,40	5,62	1,56	6,11	1,63
25,0	2,00	1,06	2,82	1,17	3,63	1,29	3,68	1,41	5,58	1,57	6,07	1,64
27,0	1,91	1,08	2,73	1,20	3,54	1,31	3,61	1,43	5,49	1,58	5,98	1,67

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. The bold cells indicate the standard conditions.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

4D134323B

FBA50A9 / RXM50A

AFR	15,0
BF	0,13

Cooling ·50· Hz ·220 - 240· V

Indoor temperature		Outdoor temperature [°C DB]																	
EWB	EDB	20			25			30			32			35			40		
°C	°C	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI	TC	SHC	PI
14,0	20	5,12	3,84	1,08	4,89	3,72	1,18	4,66	3,61	1,29	4,56	3,56	1,33	4,42	3,49	1,39	4,19	3,38	1,50
16,0	22	5,35	3,77	1,09	5,12	3,66	1,19	4,89	3,55	1,29	4,79	3,51	1,34	4,65	3,45	1,40	4,42	3,34	1,50
18,0	25	5,58	3,95	1,09	5,35	3,85	1,20	5,12	3,75	1,30	5,02	3,71	1,34	4,88	3,66	1,40	4,65	3,56	1,51
19,0	27	5,70	4,18	1,10	5,47	4,08	1,20	5,23	3,98	1,30	5,14	3,94	1,35	5,00	3,89	1,41	4,77	3,79	1,51
22,0	30	6,04	4,03	1,11	5,81	3,94	1,21	5,58	3,86	1,31	5,49	3,82	1,35	5,35	3,77	1,42	5,11	3,69	1,52
24,0	32	6,27	3,92	1,11	6,04	3,85	1,22	5,81	3,77	1,32	5,72	3,74	1,36	5,58	3,69	1,42	5,34	3,62	1,53

AFR	15,0

Heating ·50· Hz ·220 - 240· V

Indoor temperature	Outdoor temperature [°C WB]											
EDB	-15		-10		-5		0		6		10	
°C	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
15,0	2,56	1,16	3,07	1,21	3,59	1,27	4,10	1,33	5,69	1,40	6,19	1,45
20,0	2,40	1,19	2,92	1,25	3,43	1,31	3,95	1,37	5,50	1,44	6,00	1,48
22,0	2,34	1,20	2,85	1,26	3,37	1,32	3,88	1,38	5,42	1,45	5,92	1,50
24,0	2,27	1,21	2,79	1,27	3,30	1,33	3,82	1,39	5,35	1,46	5,84	1,51
25,0	2,24	1,22	2,76	1,28	3,27	1,34	3,79	1,40	5,31	1,47	5,81	1,52
27,0	2,18	1,23	2,69	1,29	3,21	1,35	3,73	1,41	5,23	1,48	5,73	1,53

Symbols

AFR :	Air flow rate [m³/min]
BF :	Bypass factor
EWB :	Entering wet-bulb temperature (°C WB)
EDB :	Entering dry-bulb temperature (°C DB)
TC :	Total capacity [kW]
SHC :	Sensible heat capacity [kW]
PI :	Power input [kW]

Notes

1. The ratings shown are net capacities which include a deduction for indoor fan motor heat.
2. On the figure the ·□· mark shows the rated capacity and rated coefficient of the power input.
3. The total capacity, power input and sensible heat capacity must be calculated by interpolation, using the figures in the table (figures not in the table may not be used in the calculation).
4. In case the sensible heat capacity is not mentioned in the table, please calculate it using an approximation between two values in direct proportion.
5. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
6. The air flow rate and bypass factor are mentioned in the table.

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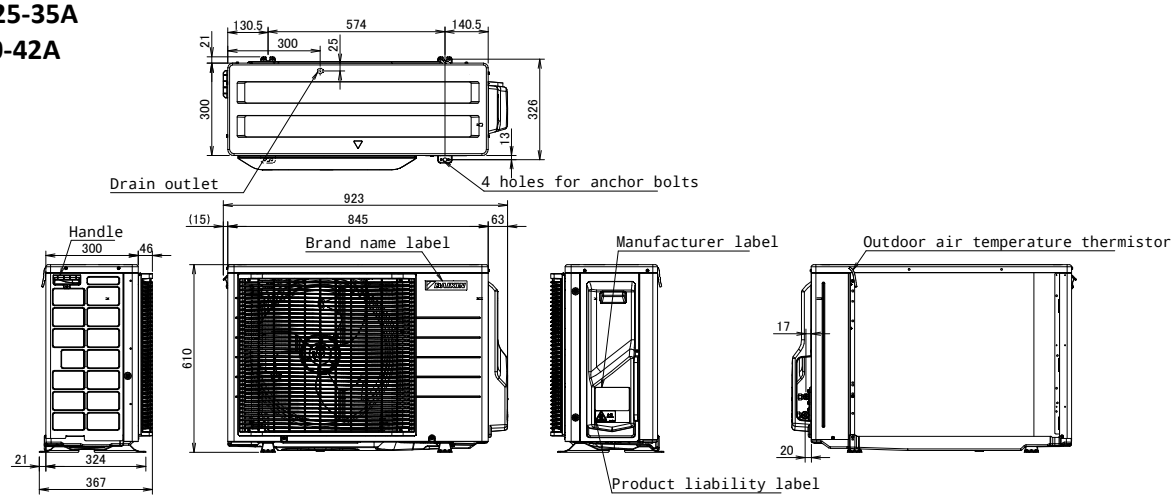
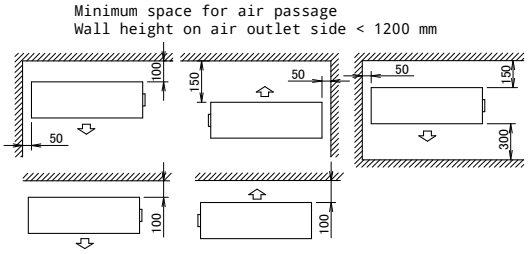
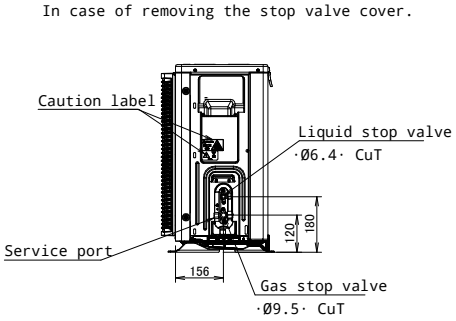
6 Dimensional drawings

6 - 1 Dimensional Drawings

ARXM25-35A
RXM20-42A

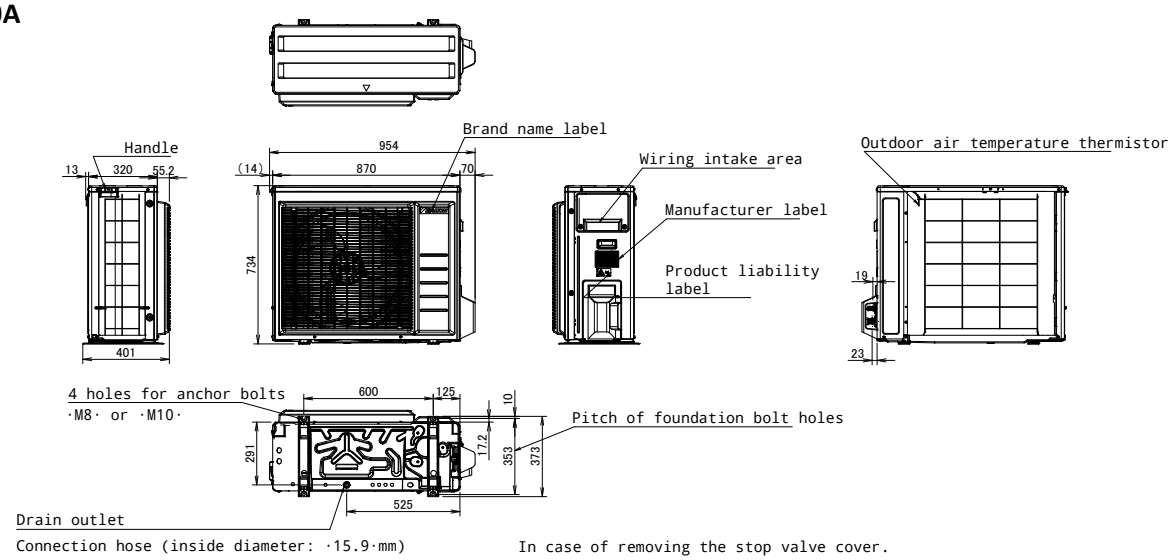


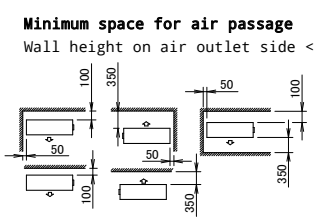


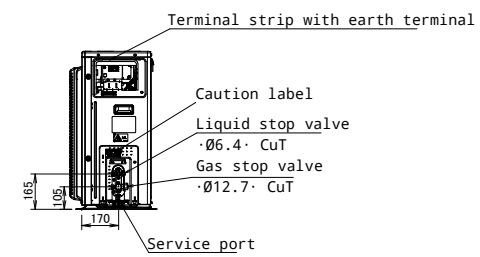


3D147631A

ARXM50A
RXM50A





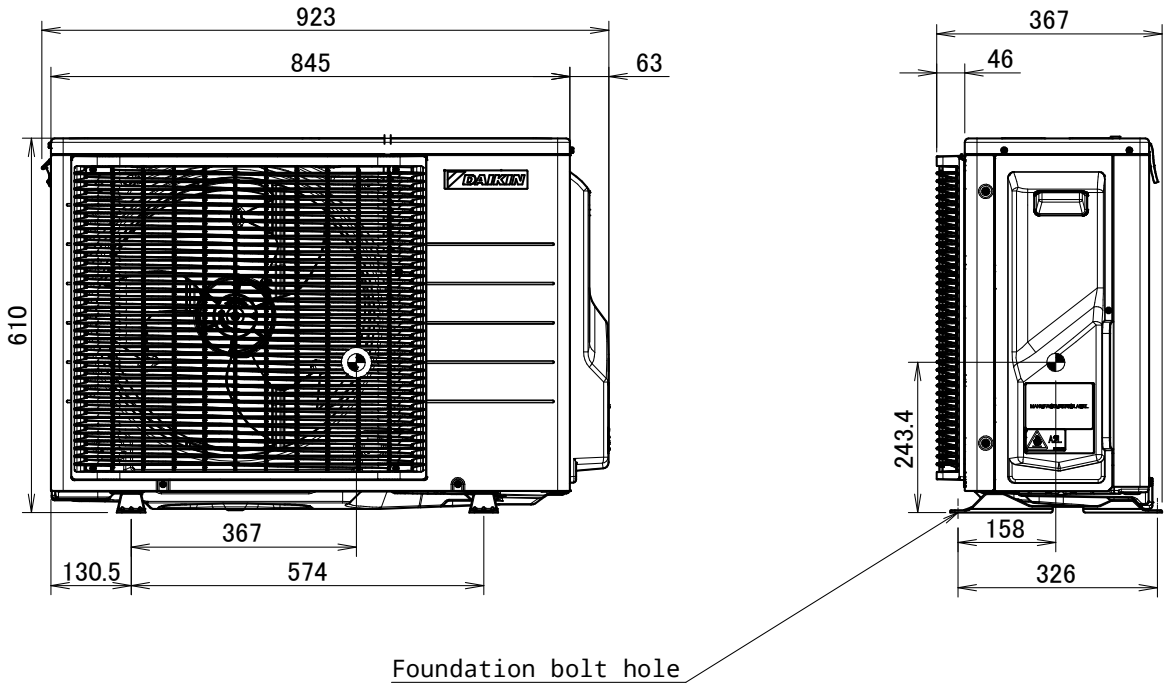


3D148264

7 Centre of gravity

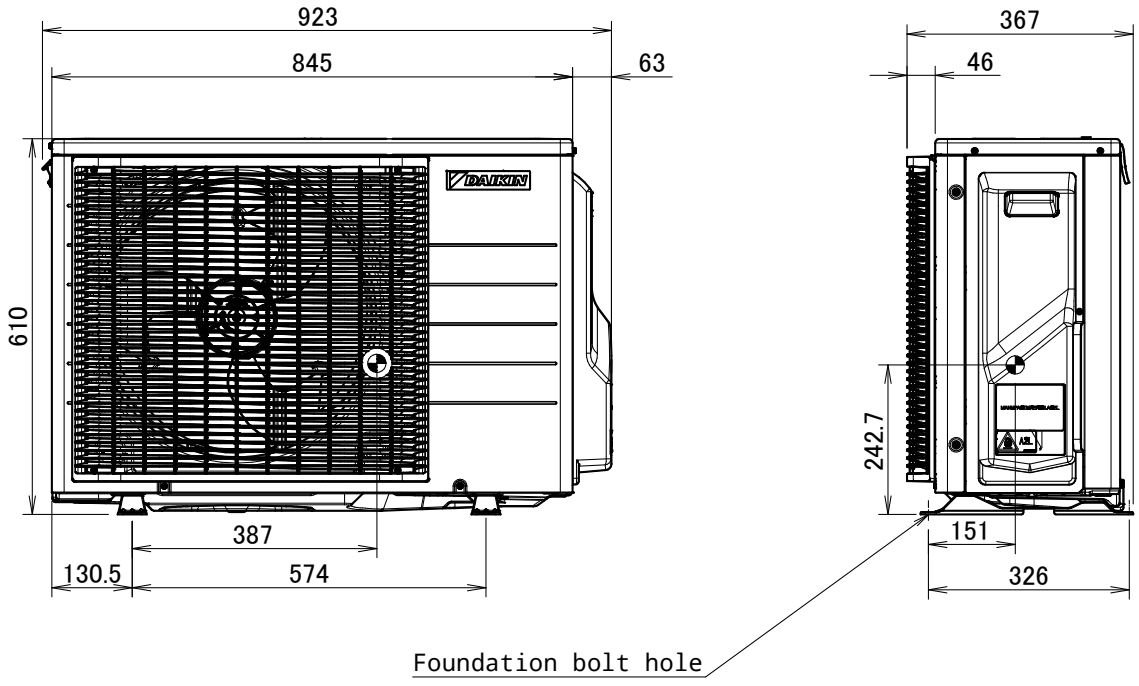
7 - 1 Centre of Gravity

ARXM25-35A
RXM20-35A



4D148194

RXM42A

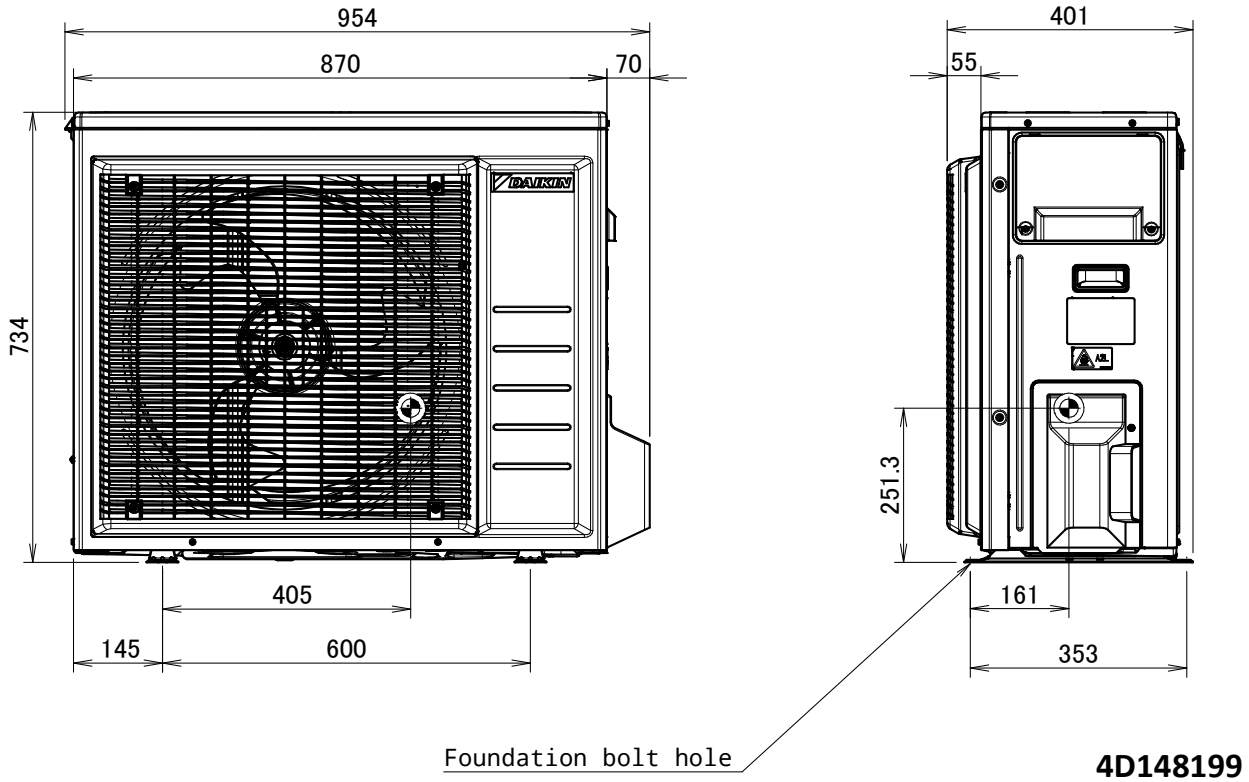


4D148193

7 Centre of gravity

7 - 1 Centre of Gravity

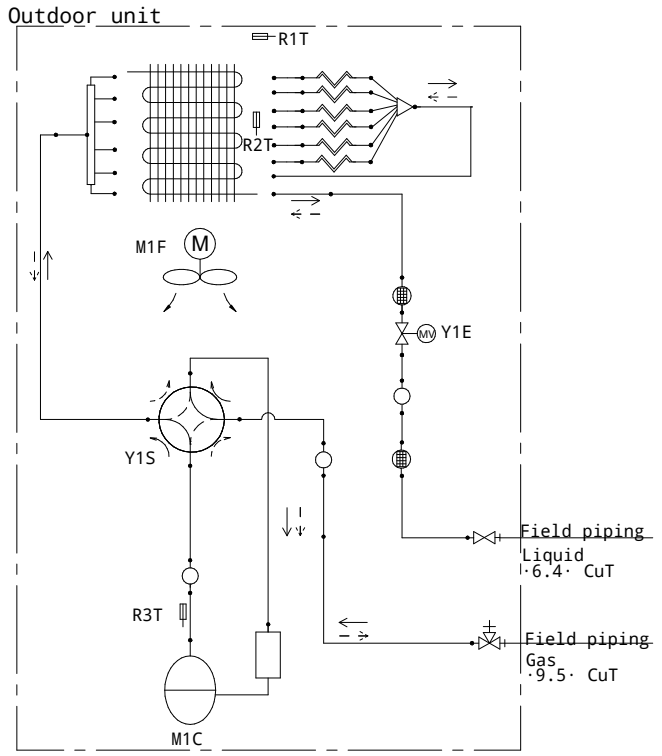
ARXM50A
RXM50A



8 Piping diagrams

8 - 1 Piping Diagrams

ARXM25-35A
RXM20-35A



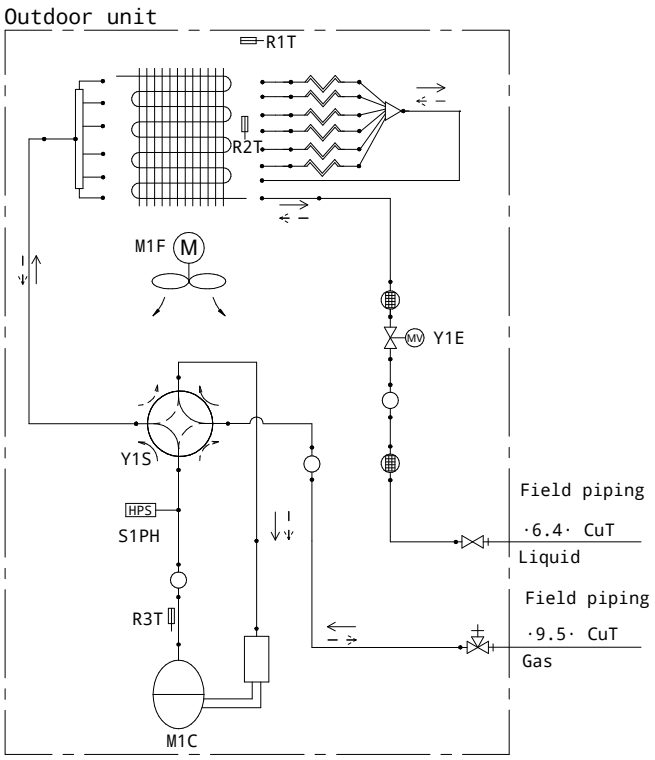
Legend

- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Refnet header
- Propeller fan
- Thermistor
- Capillary tube
- 4-way valve
- Accumulator
- Compressor
- Heat exchanger
- Distributor

Refrigerant flow
→ Cooling
– – Heating

3D147593

RXM42A



Legend

- High pressure switch
- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Refnet header
- Propeller fan
- Thermistor
- Capillary tube
- 4-way valve
- Accumulator
- Compressor
- Heat exchanger
- Distributor

Refrigerant flow
→ Cooling
– – Heating

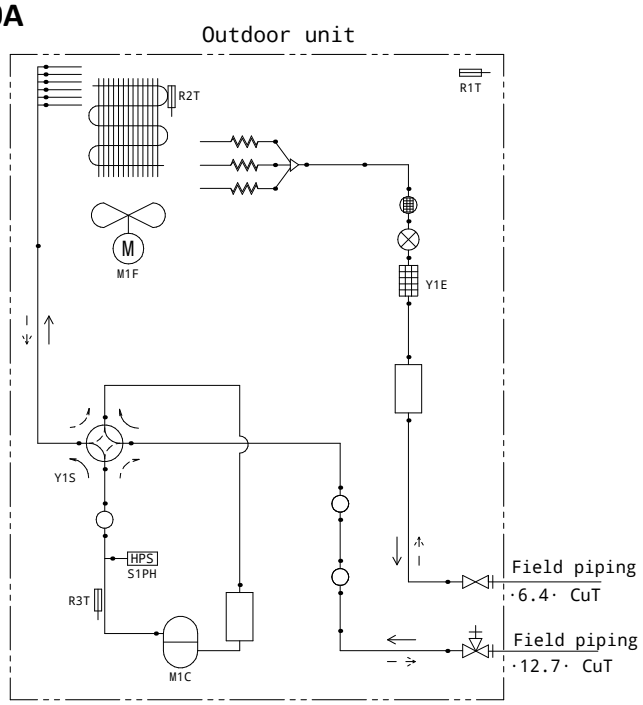
3D147621

8 Piping diagrams

8 - 1 Piping Diagrams

8

ARXM50A
RXM50A



Legend

- Liquid stop valve
- Gas stop valve
- Muffler
- Muffler with filter
- Electronic expansion valve
- Filter
- Propeller fan
- High pressure switch Automatic reset
- Thermistor
- Capillary tube
- 4-way valve
- Accumulator
- Compressor
- Heat exchanger
- Distributor

Refrigerant flow

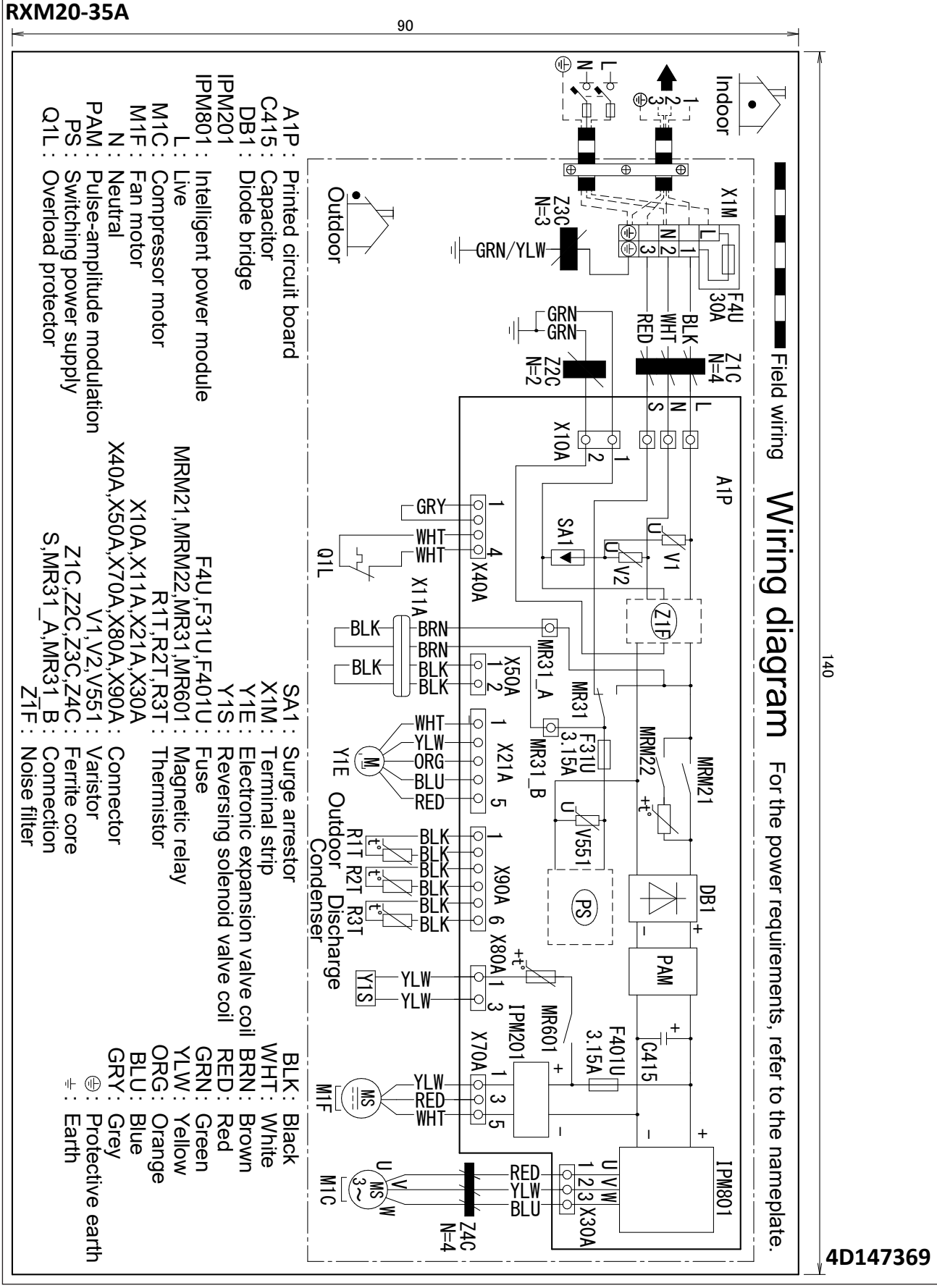
- Cooling
- Heating

3D128943A

9 Wiring diagrams

9 - 1 Wiring Diagrams - Three Phase

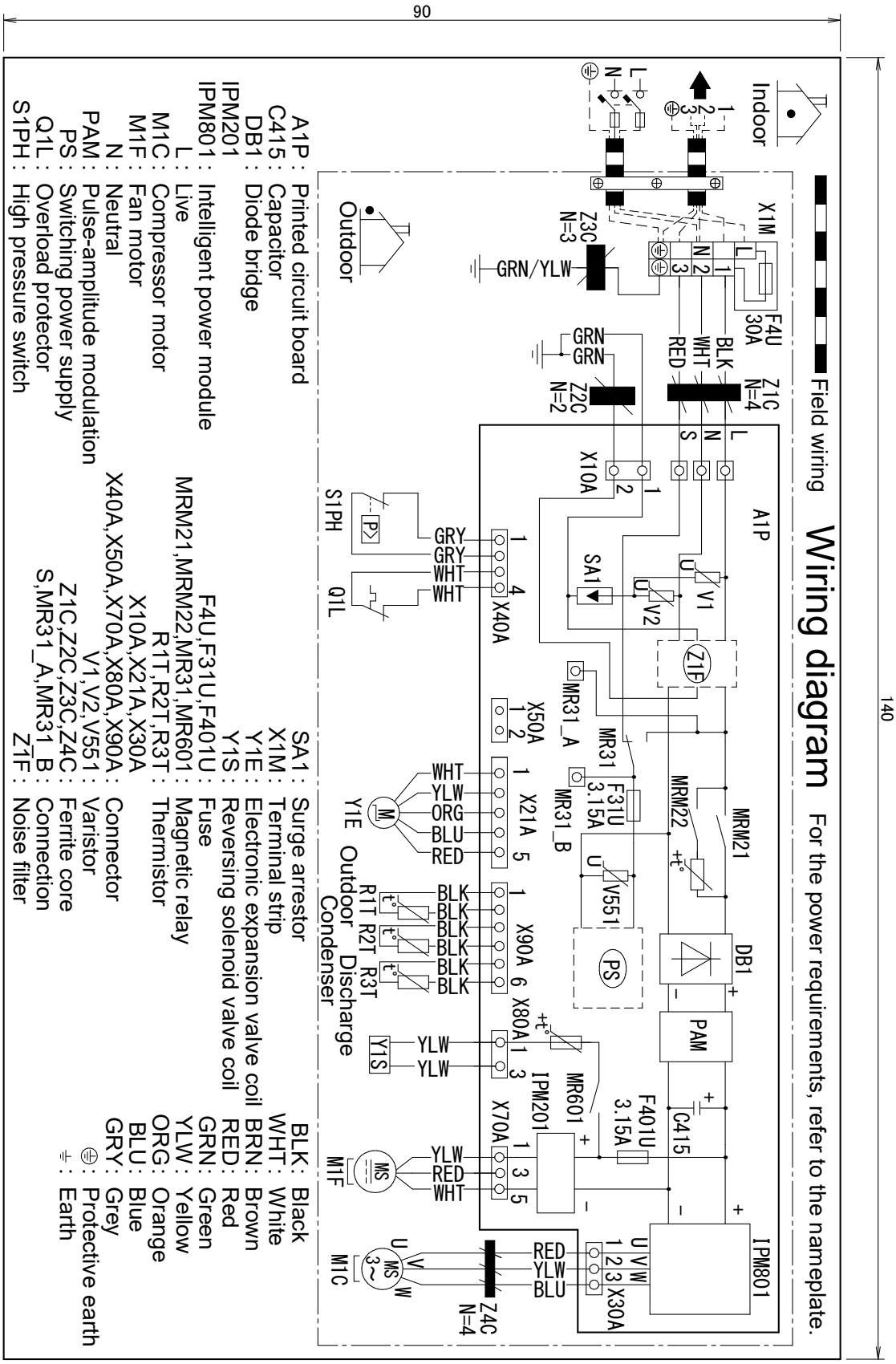
ARXM25-35A
RXM20-35A



9 Wiring diagrams

9 - 1 Wiring Diagrams - Three Phase

RXM42A

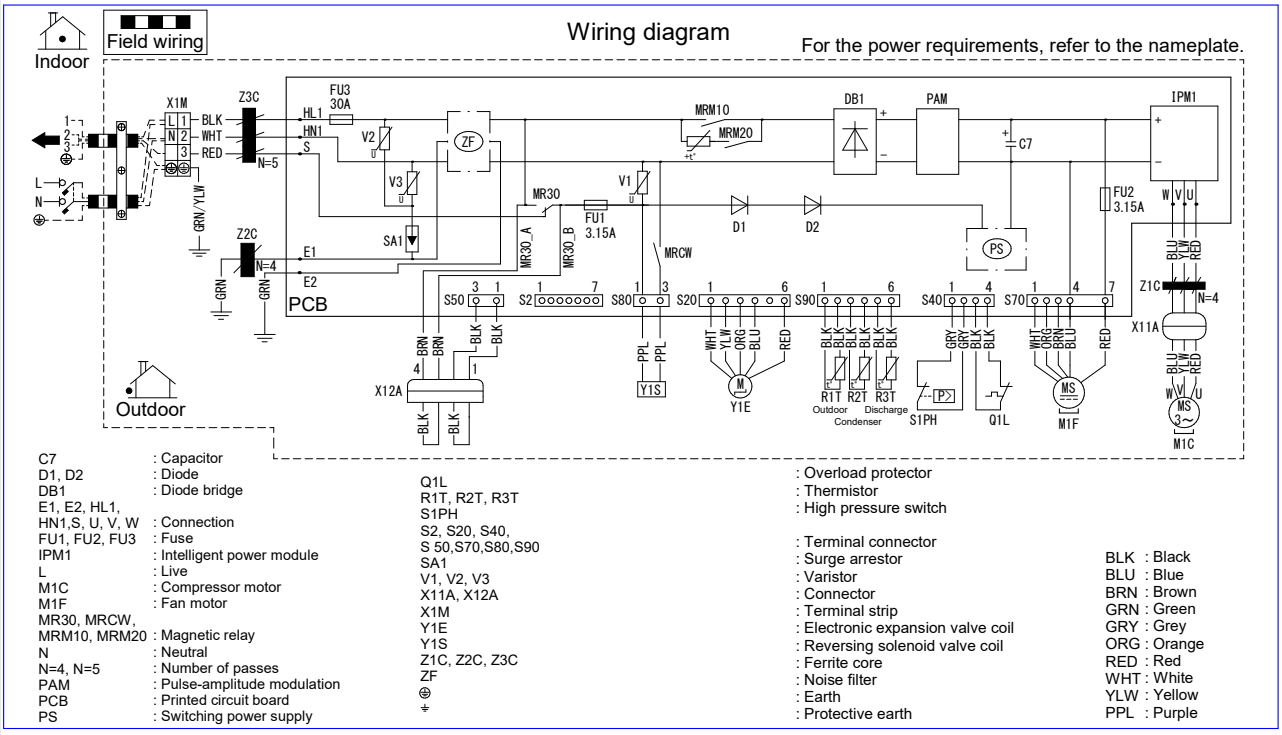


4D147370B

9 Wiring diagrams

9 - 1 Wiring Diagrams - Three Phase

ARXM50A
RXM50A



C7	: Capacitor	Q1L	: Overload protector	BLK	: Black
D1, D2	: Diode	R1T, R2T, R3T	: Thermistor	BLU	: Blue
DB1	: Diode bridge	S1PH	: High pressure switch	BRN	: Brown
E1, E2, HL1, HN1,S, U, V, W	: Connection	S2, S20, S40, S 50,S70,S80,S90	: Terminal connector	GRN	: Green
FU1, FU2, FU3	: Fuse	SA1	: Surge arrestor	GRY	: Grey
IPM1	: Intelligent power module	V1, V2, V3	: Varistor	ORG	: Orange
L	: Live	X11A, X12A	: Connector	RED	: Red
M1C	: Compressor motor	X1M	: Terminal strip	WHT	: White
M1F	: Fan motor	Y1E	: Electronic expansion valve coil	YLW	: Yellow
MR30, MRCW, MRM10, MRM20	: Magnetic relay	Y1S	: Reversing solenoid valve coil	PPL	: Purple
N	: Neutral	Z1C, Z2C, Z3C	: Ferrite core		
N=4, N=5	: Number of passes	ZF	: Noise filter		
PAM	: Pulse-amplitude modulation	⊕	: Earth		
PCB	: Printed circuit board	⏚	: Protective earth		
PS	: Switching power supply				

3D130906A

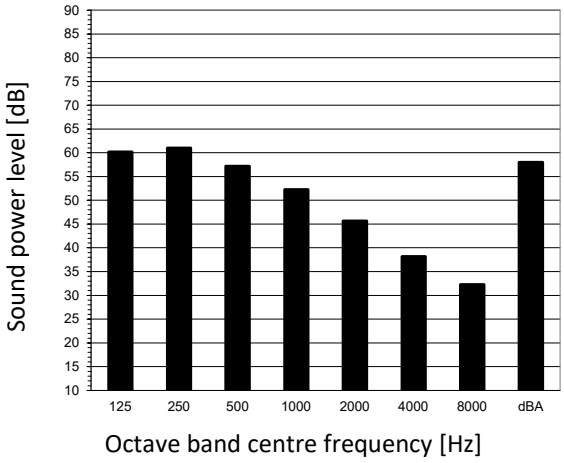
10 Sound data

10 - 1 Sound Power Spectrum

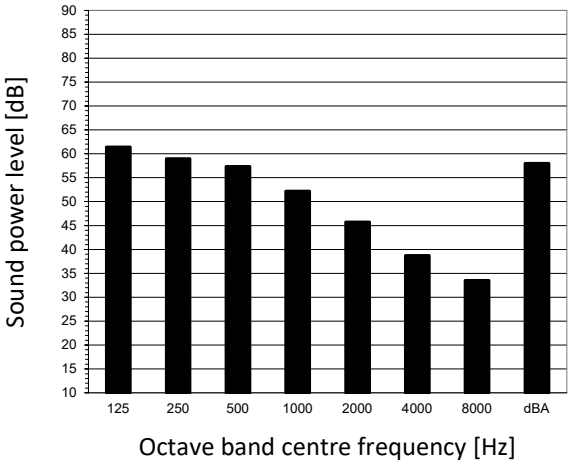
10

RXM20A

Cooling



Heating



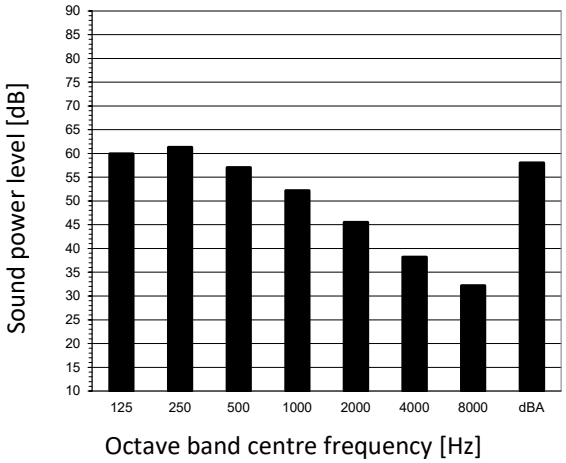
Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

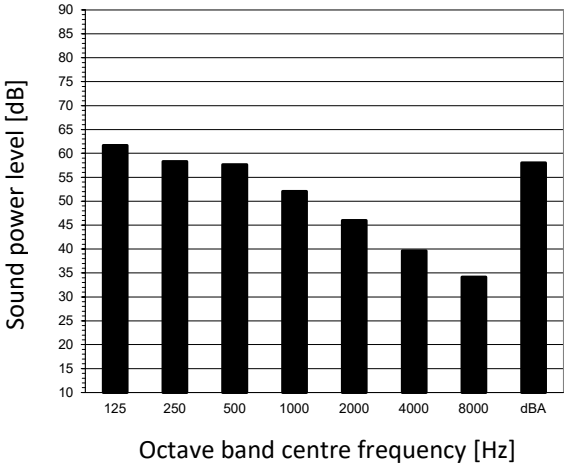
4D148770

ARXM25A
RXM25A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

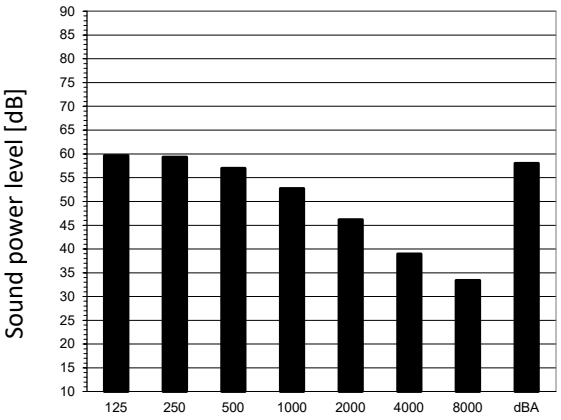
4D148790

10 Sound data

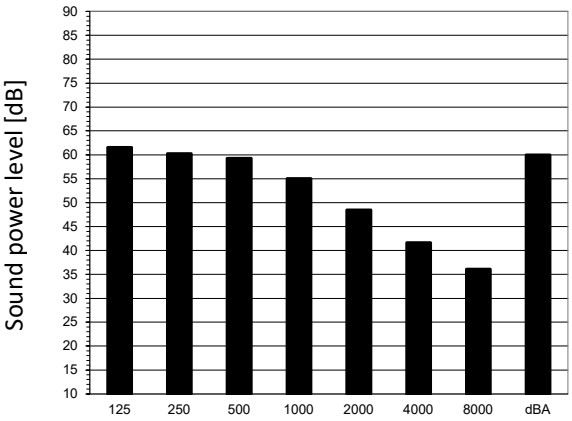
10 - 1 Sound Power Spectrum

ARXM35A
RXM35A

Cooling



Heating



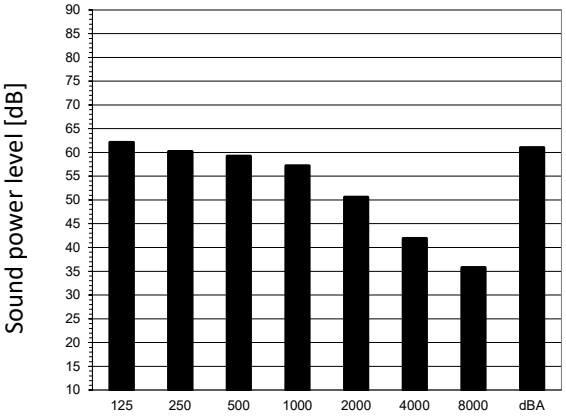
Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

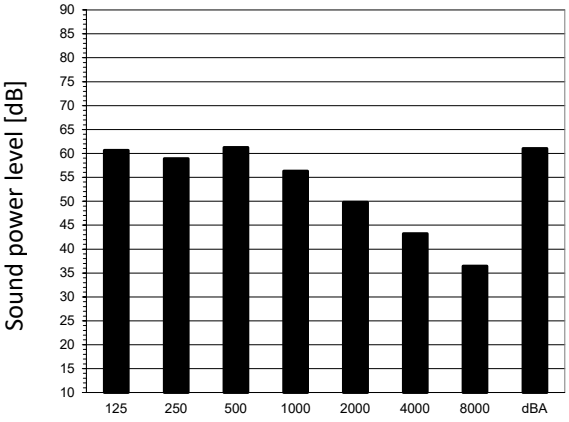
4D148795

RXM42A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

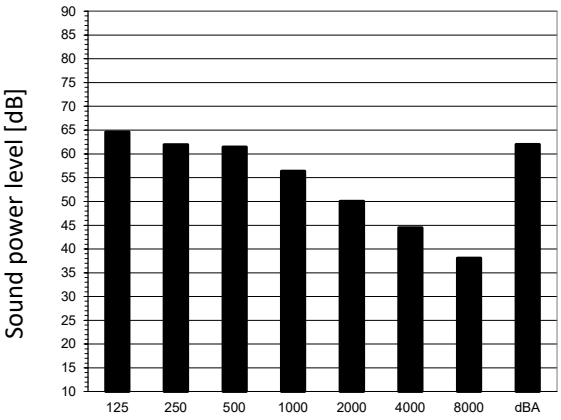
4D148793

10 Sound data

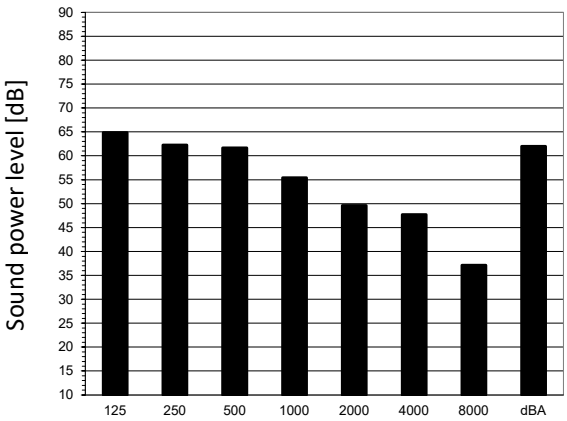
10 - 1 Sound Power Spectrum

ARXM50A
RXM50A

Cooling



Heating



Fan speed: High

Notes
1. dBA = A-weighted sound power level (A scale according to IEC).
2. Reference acoustic intensity 0dB = ·10^ -12 W/m2·
3. Measured according to ISO 3744

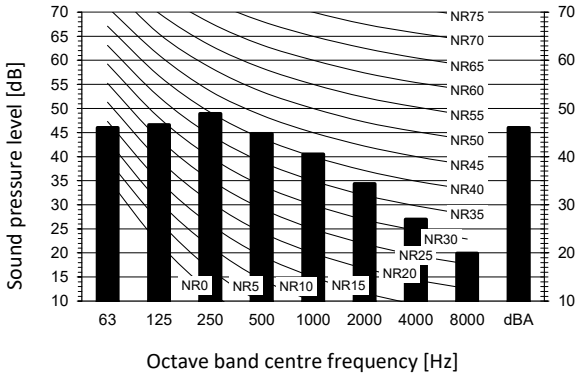
4D148792

10 Sound data

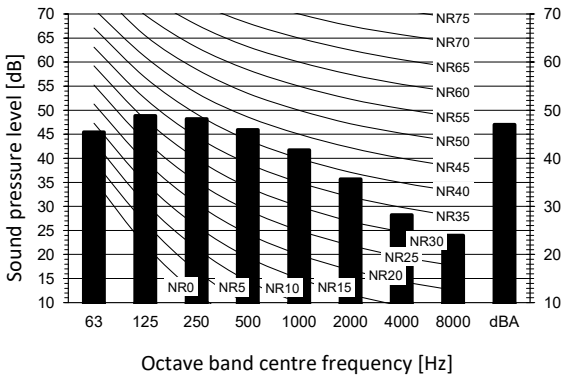
10 - 2 Sound Pressure Spectrum

RXM20A

Cooling mode



Heating mode



Legend

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

A Scale

B Fan speed: High

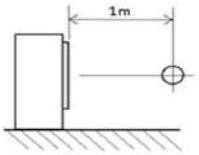
Cooling Total dB

A	B
dBA	46

Heating Total dB

A	B
dBA	47

Location of microphone



Notes

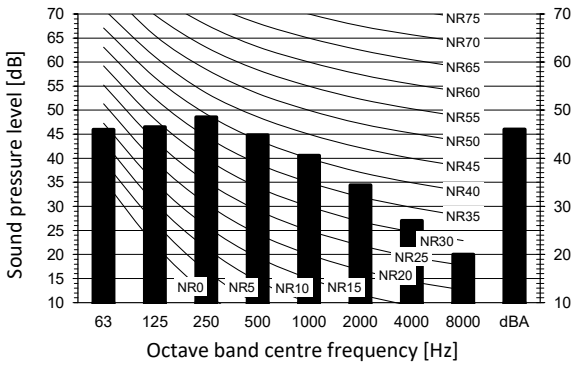
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

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

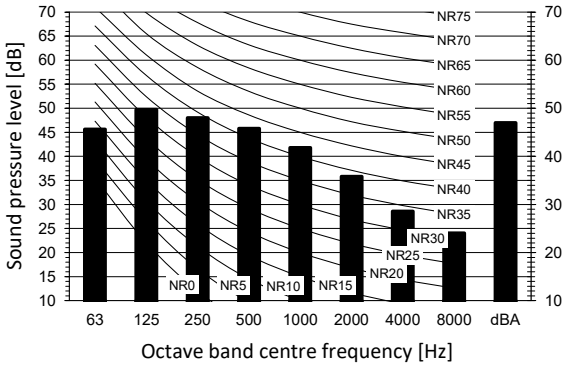
4D148976

ARXM25A
RXM25A

Cooling mode



Heating mode



Legend

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

A Scale

B Fan speed: High

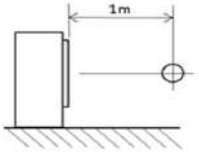
Cooling Total dB

A	B
dBA	46

Heating Total dB

A	B
dBA	47

Location of microphone



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

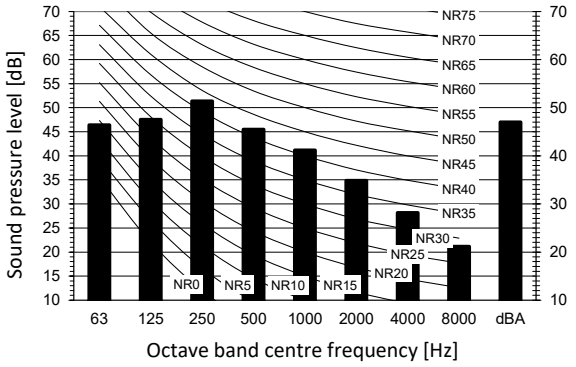
4D148977

10 Sound data

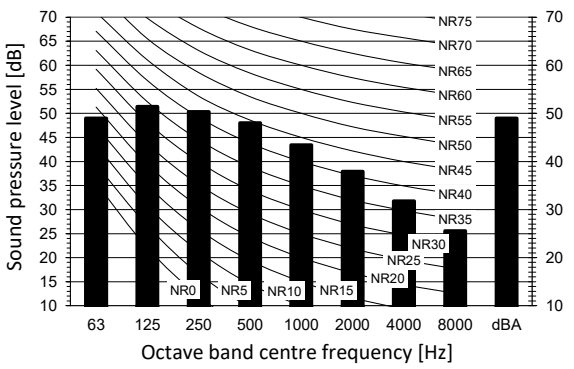
10 - 2 Sound Pressure Spectrum

ARXM35A
RXM35A

Cooling mode



Heating mode



Legend

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

A Scale

B Fan speed: High

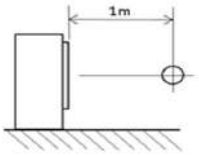
Cooling Total dB

A	B
dBA	47

Heating Total dB

A	B
dBA	49

Location of microphone



Notes

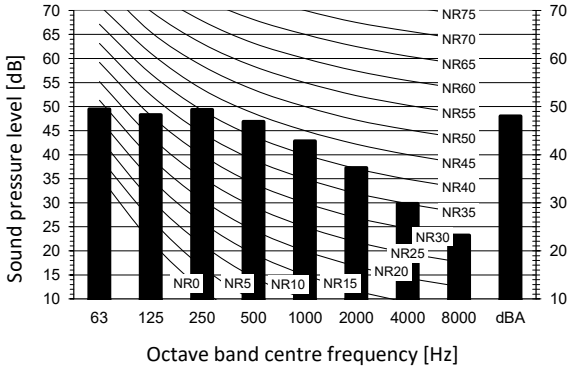
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard

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

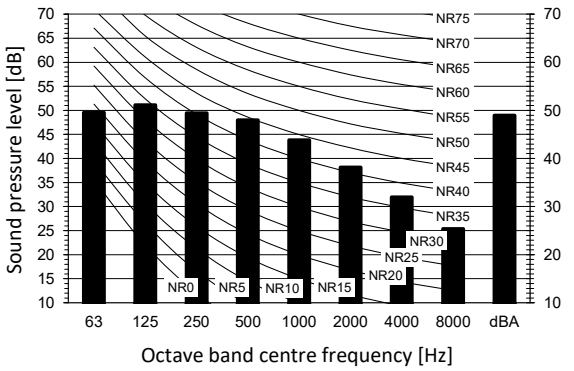
4D148978

RXM42A

Cooling mode



Heating mode



Legend

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

A Scale

B Fan speed: High

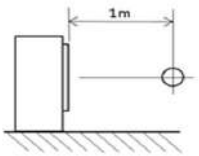
Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	49

Location of microphone



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

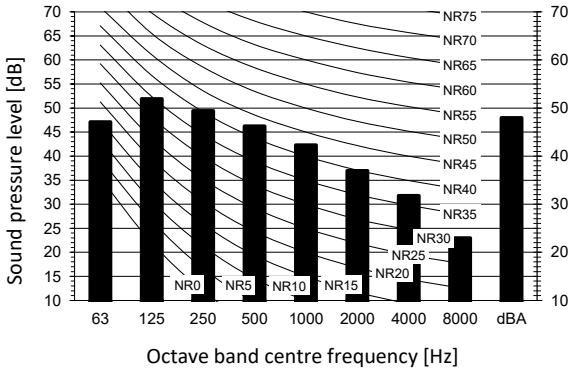
4D148979

10 Sound data

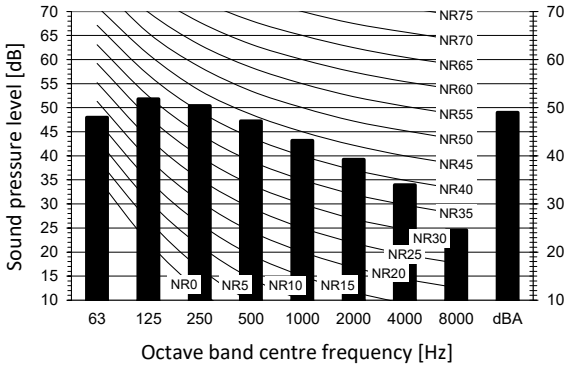
10 - 2 Sound Pressure Spectrum

ARXM50A
RXM50A

Cooling mode



Heating mode



Legend

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

A Scale

B Fan speed: High

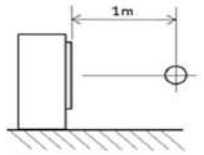
Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	49

Location of microphone



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

4D148980

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