EEDEN25

Multi model application
Air Conditioning Technical Data
2MXM-A8

2MXM50A2V1B8
2MXM68A2V1B8

TABLE OF CONTENTS

2MXM-A8

1 Features

1 - 1 2MXM-A8

› New extended operation range for maximum comfort in more severe conditions (from -20°C up to +50°C).
› New design outlook for outdoor unit
› Seasonal efficiency values up to A+++ in cooling and A++ in heating thanks to its up-to-date technology and built-in intelligence
› Up to 2 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.
› Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
› Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
› 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

INVERTER

Inverter

2 Specifications

2 - 1 Specifications

Technical specifications					2MXM50A8	2MXM68A8
Refrigerant	Charge			tCO2Eq	0.78	1.35
Casing	Colour				Ivory white	
Dimensions	Unit	Height		mm	552	734
		Width		mm	852	974
		Depth		mm	350	408
	Packed unit	Height		mm	612	820
		Width		mm	906	1,050
		Depth		mm	402	480
Weight	Unit			kg	41	60
	Packed unit			kg	44	66
Heat exchanger	Length			mm	810	920
	Rows	Quantity			2	
	Fin pitch			mm	1.50	1.40
	Stages	Quantity			24	32
	Passes	Quantity			3.20	6.40
	Tube type				8.1 Hi-XA	Hi-XA
	Tube diameter			mm	8.1	8.0
	Fin	Type			WH fin	WHS8 FIN-HYDROPHILIC
		Treatment			Anti-corrosion treatment	
Fan	Type				Propeller fan	
	Discharge direction				Horizontal	
	Quantity				1	
	Air flow rate	Cooling	High	m^3/min	37.0	46.5
				cfm	1,306	1,642
			Medium	m^3/min	34.0	42.5
				cfm	1,200	1,501
			Low	m^3/min	20.0	24.1
				cfm	706	851
		Heating	High	m^3/min	34.0	43.8
				cfm	1,200	1,547
			Medium	m^3/min	34.0	43.8
				cfm	1,200	1,547
			Low	m^3/min	22.0	16.1
				cfm	777	569
Fan motor	Quantity				1	
	Model				LFD-280-23-8F	D55F-31
Fan motor	Output			W	50	55
	Speed	Cooling	High	rpm	950	760
			Medium	rpm	890	700
			Low	rpm	500	420
		Heating	High	rpm	890	720
			Low	rpm	500	300
			Medium	rpm	890	720
Compressor	Quantity				1	
	Model				2YC40JXD#C	2YC71DXD#C
	Oil Amount			cm^3	650	900
	Type				Hermetically sealed swing compressor	
	Output			W	1,300	2,400
	Oil Type				FW68DA	
Operation range	Cooling	Ambient	Min.	°CDB	-10	
			Max.	°CDB	50	
	Heating	Ambient	Min.	°CDB	-20	
			Max.	°CDB	24	
Sound power level	Cooling	Max		dBA	62	63
		Nom.		dBA	60	61
		Night quiet mode		dBA	58	59
		Tonal adjustment		dBA	0	
	Heating	Max		dBA	62	63
		Nom.		dBA	62	61
		Night quiet mode		dBA	58	59
		Tonal adjustment		dBA	0	
Sound power level - Low sound mode (Stb. 2020, 189)	Cooling	Max.		dBA	60	61
		Night quiet mode		dBA	55	58
		Tonal adjustment		dBA	0	
	Heating	Max.		dBA	60	61
		Night quiet mode		dBA	55	58
		Tonal adjustment		dBA	0	
Sound pressure level	Cooling	Nom.		dBA	48	
	Heating	Nom.		dBA	50	48

2 Specifications

2 - 1 Specifications

Technical specifications					2MXM50A8	2MXM68A8
Refrigerant	Type				R-32	
	Charge			kg	1.15	2.00
	Charge			tCO2Eq	0.78	1.35
	Control				Expansion valve	
Refrigerant	GWP				675	
Piping connections	Liquid	Quantity			2	
		OD		mm	6.35	
	Gas	Quantity			1	
		OD		mm	9.5	
	Drain	Quantity			1	
		OD		mm	16 (inner diameter of connecting hose)	
	Gas 2	Quantity			1	
		OD		mm	12.7	
	Piping length	OU - IU	Min.	m	3 (1)	
			Max.	m	20 (1)	25 (1)
		System	Chargeless	m	20	30
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 20m)	0.02 (for piping length exceeding 30m)
	Level difference	IU - OU	Max.	m	15	
		IU - IU	Max.	m	7.5	
	Heat insulation				Both liquid and gas pipes	
	Total piping length	System	Actual	m	30	50
Capacity control	Method				Variable (inverter)	

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Drain cap;Quantity: 3;

Standard accessories: Drain plug;Quantity: 1;

Standard accessories: Reducer assembly;Quantity: 1;

Standard accessories: Screw bag;Quantity: 1;

Electrical specifications				2MXM50A8	2MXM68A8
Power supply	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	

(1)For one room |
(2)For combination with CVXM-A, FVXM-A - maximum piping length is 30m. |
(3)See separate drawing for operation range |
(4)See separate drawing for electrical data |
(5)Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

2MXM50A8

Outdoor unit	Power supply			·RA· indoor units (·10·% safety factor) See note ·5·.		Other indoor units (·10·% safety factor)		Compressor		Outdoor fan motor	
Model name	Hz	Voltage	Voltage range	MCA	MFA	MCA	MFA	RHz	RLA	kW	FLA
2MXM40M3V1B 2MXM40M4V1B 2MXM40N2V1B 2MXM40A2V1B 2MXM40A2V1B9	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	9,80	16	9,80	16	-	5,1	0,040	0,17
	50	230							5,3		
	50	240							5,6		
2MXM50M2V1B9 2MXM50M3V1B9 2MXM50N2V1B 2MXM50A2V1B 2MXM50A2V1B9 2MXM50A2V1B8	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	12,94	16	13,27	16	-	5,9	0,042	0,18
	50	230							6,2		
	50	240							6,5		
2AMXM40M3V1B 2AMXM40M4V1B	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	9,80	16	9,80	16	-	5,1	0,040	0,17
	50	230							5,3		
	50	240							5,6		
2AMXM50M3V1B 2AMXM50M4V1B	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	12,94	16	13,27	16	-	5,9	0,042	0,18
	50	230							6,2		
	50	240							6,5		
2AMXF40A2V1B	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	9,80	16	9,80	16	-	5,1	0,040	0,17
	50	230							5,3		
	50	240							5,6		
2AMXF50A2V1B	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	12,83	16	12,83	16	-	5,9	0,042	0,18
	50	230							6,2		
	50	240							6,5		
2MXF40A2V1B	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	9,80	16	9,80	16	-	5,1	0,040	0,17
	50	230							5,3		
	50	240							5,6		
2MXF50A2V1B	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	12,83	16	12,83	16	-	5,9	0,042	0,18
	50	230							6,2		
	50	240							6,5		

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.
5) Only for wall-mounted ·FVXM· units

Symbols
MCA: Minimum Circuit Ampere [A]
MFA: Maximum Fuse Ampere [A]
RLA: Rated load amps [A]
OFM: Outdoor fan motor
MSC: Maximum starting current
FLA: Full Load Ampere [A]
kW: Fan motor rated output [kW]

3D110297H

3 Electrical data

3 - 1 Electrical Data

2MXM68A8
3MXM-A8
4MXM-A8
5MXM-A8

Outdoor unit	Power supply			·RA· indoor units (·10·% safety factor) See note ·5·.		Other indoor units (·10·% safety factor)		Compressor		Outdoor fan motor	
Model name	Hz	Voltage	Voltage range	MCA	MFA	MCA	MFA	RHz	RLA	kW	FLA
2MXM68N2V1B 2MXM68A2V1B 2MXM68A2V1B9 2MXM68A2V1B8	50	220	Maximum ·50·Hz ·264·V	16,94	20	19,80	20	-	7,8	0,056	0,37
	50	230							7,5		
	50	240	Minimum ·50·Hz ·198·V						8,7		
3MXM40N2V1B9	50	220	Maximum ·50·Hz ·264·V	14,31	16	15,97	16	-	2,9	0,056	0,37
	50	230							3,0		
	50	240	Minimum ·50·Hz ·198·V						3,1		
3MXM52N2V1B9	50	220	Maximum ·50·Hz ·264·V	14,59	20	16,27	20	-	4,5	0,056	0,37
	50	230							4,7		
	50	240	Minimum ·50·Hz ·198·V						4,9		
3MXM68N2V1B9 3MXM68A2V1B 3MXM68A2V1B9 3MXM68A2V1B8	50	220	Maximum ·50·Hz ·264·V	17,19	20	19,81	20	-	8,0	0,056	0,37
	50	230							8,4		
	50	240	Minimum ·50·Hz ·198·V						8,7		
4MXM68N2V1B9 4MXM68A2V1B 4MXM68A2V1B9 4MXM68A2V1B8	50	220	Maximum ·50·Hz ·264·V	17,36	20	19,81	20	-	7,0	0,056	0,37
	50	230							7,3		
	50	240	Minimum ·50·Hz ·198·V						7,6		
4MXM80N2V1B9 4MXM80A2V1B 4MXM80A2V1B9 4MXM80A2V1B8	50	220	Maximum ·50·Hz ·264·V	17,04	25	20,36	25	-	8,5	0,075	0,50
	50	230							8,9		
	50	240	Minimum ·50·Hz ·198·V						9,3		
5MXM90N2V1B9 5MXM90A2V1B 5MXM90A2V1B9 5MXM90A2V1B8	50	220	Maximum ·50·Hz ·264·V	21,70	25	24,88	25	-	9,2	0,075	0,50
	50	230							9,6		
	50	240	Minimum ·50·Hz ·198·V						10,0		
3AMXM52N2V1B9	50	220	Maximum ·50·Hz ·264·V	18,19	20	16,27	20	-	4,5	0,056	0,37
	50	230							4,7		
	50	240	Minimum ·50·Hz ·198·V						4,9		
3MXF52A2V1B9	50	220	Maximum ·50·Hz ·264·V	14,59	20	16,27	20	-	4,5	0,056	0,37
	50	230							4,7		
	50	240	Minimum ·50·Hz ·198·V						4,9		
3AMXF52A2V1B9	50	220	Maximum ·50·Hz ·264·V	14,59	20	16,27	20	-	4,5	0,056	0,37
	50	230							4,7		
	50	240	Minimum ·50·Hz ·198·V						4,9		
3MXF68A2V1B9	50	220	Maximum ·50·Hz ·264·V	17,19	20	19,81	20	-	8,0	0,056	0,37
	50	230							8,4		
	50	240	Minimum ·50·Hz ·198·V						8,7		
3MXM40N2V1B8 3MXM40A2V1B 3MXM40A2V1B9 3MXM40A2V1B8	50	220	Maximum ·50·Hz ·264·V	14,31	16	15,97	16	-	2,9	0,056	0,37
	50	230							3,0		
	50	240	Minimum ·50·Hz ·198·V						3,1		
3MXM52N2V1B8 3MXM52A2V1B 3MXM52A2V1B9 3MXM52A2V1B8	50	220	Maximum ·50·Hz ·264·V	14,59	20	16,27	20	-	4,5	0,056	0,37
	50	230							4,7		
	50	240	Minimum ·50·Hz ·198·V						4,9		

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.
5) Only for wall-mounted ·FVXM· units

Symbols
MCA: Minimum Circuit Ampere [A]
MFA: Maximum Fuse Ampere [A]
RLA: Rated load amps [A]
OFM: Outdoor fan motor
MSC: Maximum starting current
FLA: Full Load Ampere [A]
kW: Fan motor rated output [kW]

3D129421F

4 Options

4 - 1 Options

2MXM-A8
3MXM-A8
4MXM-A8
5MXM-A8

Option kit	Product name	Availability								
		2MXM40A2V1B9	2MXM50A2V1B8	2MXM68A2V1B8	3MXM40A2V1B8	3MXM52A2V1B8	2MXM68A2V1B8	4MXM68A2V1B8	4MXM80A2V1B8	5MXM90A2V1B8
Demand control	BRP070A82 ①	✓	✓	×	×	×	×	×	×	×
Demand control	BRP070A81 ①	×	×	✓	✓	✓	✓	✓	✓	✓

Notes
① Applicable to the German market only.

4D159144

5 Combination table

5 - 1 Combination Table

5

2MXM50A8

Notes

1) The total capacity of each connected indoor unit is up to ·8.5·kW.
2) The values mentioned in this document are for connecting with the following indoor unit types:
   ·1.5, 2.0, 2.5, 3.5, 4.2, 5.0· kW class
   Wall-mounted ·CTXA-AS, CTXA-AT, CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXM-M, CTXM-N, CTXM-R, CTXM-A, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXM-A, FTXJ-AB, FTXJ-AS, FTXJ-AW· series
3) Cooling capacity conditions
   Indoor temperature ·27·°C DB / ·19·°C WB
   Outdoor temperature ·35·°C DB
4) For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see ·3D106169·.

4D139787C

2MXM50A8

Cooling ·230V 50Hz·

Outdoor unit	Indoor unit	Cooling capacity [kW]		Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room ·A·	Room ·B·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
2MXM50M2V1B 2MXM50M2V1B9 2MXM50M3V1B9 2MXM50N2V1B 2MXM50N2V1B9 2MXM50A2V1B 2MXM50A2V1B9 2MXM50A2V1B8	1.5	1,50	-	1,40	1,50	2,20	0,31	0,32	0,52	1,53	1,55	2,53	89
	2.0	2,00	-	1,40	2,00	2,90	0,31	0,47	0,77	1,53	2,25	3,76	89
	2.5	2,50	-	1,40	2,50	3,10	0,31	0,67	0,92	1,53	3,27	4,50	89
	3.5	3,50	-	1,40	3,50	4,10	0,31	1,09	1,46	1,53	5,32	7,13	89
	4.2	4,20	-	1,40	4,20	4,70	0,31	1,59	1,75	1,53	7,73	8,57	89
	5.0	5,00	-	1,60	5,00	5,30	0,33	1,30	1,44	1,64	6,33	7,01	89
	1.5+1.5	1,50	1,50	1,60	3,00	4,20	0,33	0,62	0,87	1,64	3,03	4,25	89
	1.5+2.0	1,50	2,00	1,60	3,50	4,20	0,33	0,76	0,91	1,64	3,71	4,46	89
	1.5+2.5	1,50	2,50	1,60	4,00	4,20	0,33	0,94	0,99	1,64	4,60	4,83	89
	1.5+3.5	1,50	3,50	1,60	5,00	5,00	0,33	1,25	1,25	1,64	6,10	6,10	89
	1.5+4.2	1,32	3,68	1,60	5,00	5,40	0,33	1,23	1,54	1,64	6,04	6,53	89
	1.5+5.0	1,15	3,85	1,80	5,00	5,50	0,33	1,23	1,68	1,64	5,99	6,59	89
	2.0+2.0	2,00	2,00	1,80	4,00	5,00	0,33	0,94	1,28	1,64	4,60	5,75	89
	2.0+2.5	2,00	2,50	1,80	4,50	5,10	0,33	1,07	1,31	1,64	5,23	5,93	89
	2.0+3.5	1,82	3,18	1,80	5,00	5,40	0,33	1,24	1,49	1,64	6,05	6,54	89
	2.0+4.2	1,61	3,39	1,80	5,00	5,50	0,33	1,23	1,51	1,64	6,01	6,62	89
	2.0+5.0	1,43	3,57	1,80	5,00	5,50	0,33	1,22	1,44	1,64	5,95	6,55	89
	2.5+2.5	2,50	2,50	1,80	5,00	5,30	0,33	1,25	1,42	1,64	6,10	6,47	89
	2.5+3.5	2,08	2,92	1,80	5,00	5,40	0,33	1,23	1,43	1,64	6,02	6,51	89
	2.5+4.2	1,87	3,13	1,80	5,00	5,50	0,33	1,22	1,45	1,64	5,98	6,58	89
	2.5+5.0	1,67	3,33	1,80	5,00	5,50	0,33	1,21	1,38	1,64	5,92	6,52	89
	3.5+3.5	2,50	2,50	1,80	5,00	5,40	0,33	1,22	1,42	1,64	5,95	6,43	89
	3.5+4.2	2,27	2,73	1,80	5,00	5,50	0,33	1,21	1,40	1,64	5,90	6,49	89
	3.5+5.0	2,06	2,94	1,80	5,00	5,50	0,33	1,20	1,34	1,64	5,85	6,44	89
	4.2+4.2	2,50	2,50	1,80	5,00	5,50	0,33	1,20	1,38	1,64	5,88	6,47	89

4D139787C

5 Combination table

5 - 1 Combination Table

2MXM50A8

Notes

1) The total capacity of each connected indoor unit is up to ·8.5·kW.
2) The values mentioned in this document are for connecting with the following indoor unit types:
   ·1.5, 2.0, 2.5, 3.5, 4.2, 5.0· kW class
   Wall-mounted ·CTXA-AS, CTXA-AT, CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXM-M, CTXM-N, CTXM-R, CTXM-A, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXM-A, FTXJ-AB, FTXJ-AS, FTXJ-AW· series
3) Heating capacity conditions
   Indoor temperature ·20·°C DB
   Outdoor temperature ·7·°C DB / ·6·°C WB
4) For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see ·3D106169·.

4D139795C

2MXM58A8

Heating ·230V 50Hz·

Outdoor unit	Indoor unit	Heating capacity [kW]		Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room ·A·	Room ·B·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
2MXM50M2V1B 2MXM50M2V1B9 2MXM50M3V1B9 2MXM50N2V1B 2MXM50N2V1B9 2MXM50A2V1B 2MXM50A2V1B9 2MXM50A2V1B8	1.5	2,30	-	1,10	2,30	3,30	0,29	0,78	0,95	1,44	3,82	4,66	89
	2.0	3,00	-	1,10	3,00	3,70	0,27	0,82	1,13	1,33	3,99	5,52	89
	2.5	3,40	-	1,10	3,40	4,10	0,25	0,99	1,34	1,23	4,81	6,54	89
	3.5	4,20	-	1,10	4,20	4,80	0,25	1,30	1,60	1,23	6,36	7,80	89
	4.2	4,60	-	1,10	4,60	5,00	0,23	1,49	1,81	1,12	7,27	8,85	89
	5.0	5,50	-	1,20	5,50	5,60	0,23	1,35	1,51	1,12	6,56	9,01	89
	1.5+1.5	1,80	1,80	1,20	3,60	5,00	0,23	0,79	1,09	1,12	3,84	5,34	89
	1.5+2.0	1,67	2,23	1,20	3,90	5,00	0,23	0,90	1,16	1,12	4,40	5,65	89
	1.5+2.5	1,69	2,81	1,20	4,50	5,19	0,23	1,10	1,27	1,12	5,39	6,22	89
	1.5+3.5	1,56	3,64	1,20	5,20	5,70	0,25	1,28	1,40	1,23	6,25	6,86	89
	1.5+4.2	1,47	4,13	1,20	5,60	5,96	0,25	1,37	1,46	1,23	6,71	7,15	89
	1.5+5.0	1,29	4,31	1,20	5,60	6,16	0,25	1,37	1,50	1,23	6,68	7,35	89
	2.0+2.0	2,35	2,35	1,20	4,70	5,70	0,23	1,15	1,40	1,12	5,61	6,82	89
	2.0+2.5	2,27	2,83	1,20	5,10	5,80	0,23	1,24	1,42	1,12	6,08	6,92	89
	2.0+3.5	2,04	3,56	1,20	5,60	5,90	0,25	1,36	1,43	1,23	6,65	7,01	89
	2.0+4.2	1,81	3,79	1,20	5,60	6,00	0,25	1,36	1,46	1,23	6,63	7,11	89
	2.0+5.0	1,60	4,00	1,20	5,60	6,20	0,25	1,35	1,50	1,23	6,60	7,31	89
	2.5+2.5	2,80	2,80	1,20	5,60	5,80	0,23	1,37	1,42	1,12	6,71	6,95	89
	2.5+3.5	2,33	3,27	1,20	5,60	6,00	0,25	1,38	1,48	1,23	6,76	7,25	89
	2.5+4.2	2,09	3,51	1,20	5,60	6,10	0,25	1,39	1,51	1,23	6,79	7,40	89
	2.5+5.0	1,87	3,73	1,30	5,60	6,30	0,25	1,41	1,58	1,23	6,88	7,74	89
	3.5+3.5	2,80	2,80	1,30	5,60	6,10	0,25	1,40	1,52	1,23	6,83	7,44	89
	3.5+4.2	2,55	3,05	1,30	5,60	6,20	0,25	1,40	1,55	1,23	6,84	7,58	89
	3.5+5.0	2,31	3,29	1,30	5,60	6,40	0,25	1,42	1,63	1,23	6,95	7,95	89
	4.2+4.2	2,80	2,80	1,30	5,60	6,30	0,25	1,41	1,58	1,23	6,88	7,74	89

4D139795C

5 Combination table

5 - 1 Combination Table

2MXM68A8

Notes

1) The total capacity of each connected indoor unit is up to ·10.2·kW.
2) The values mentioned in this document are for connecting with the following indoor unit types:
   ·1.5, 2.0, 2.5, 3.5, 4.2, 5.0, 6.0· kW class
   Wall-mounted ·CTXA-AS, CTXA-AT, CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXM-M, CTXM-N, CTXM-R, CTXM-A, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXM-A, FTXJ-AB, FTXJ-AS, FTXJ-AW· series
   * Only for ·CTXM-R· and · ·FTXM-R· series
3) Cooling capacity conditions
   Indoor temperature ·27·°C DB / ·19·°C WB
   Outdoor temperature ·35·°C DB
4) For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see ·3D106169·.

4D139796C

2MXM68A8

Cooling ·230V 50Hz·

Outdoor unit	Indoor unit	Cooling capacity [kW]		Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room ·A·	Room ·B·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
2MXM68N2V1B 2MXM68A2V1B 2MXM68A2V1B9 2MXM68A2V1B8	1.5	1,60	---	1,52	1,60	2,49	0,40	0,42	0,59	1,82	1,98	2,71	95
	2.0	2,00	---	1,65	2,00	3,00	0,41	0,43	0,67	1,89	2,08	3,08	95
	2.5	2,50	---	1,74	2,50	3,44	0,44	0,44	0,82	2,00	2,62	3,77	95
	3.5	3,50	---	1,93	3,50	4,86	0,46	0,46	1,43	2,09	3,84	6,53	95
	4.2	4,20	---	1,93	4,20	5,33	0,46	0,46	1,43	2,09	3,93	6,56	95
	5.0	5,00	---	1,94	5,00	6,03	0,44	0,44	2,13	2,00	7,20	9,77	95
	6.0	6,00	---	1,94	6,00	6,51	0,44	0,44	2,13	2,00	7,29	9,77	95
	1.5+1.5	1,50	1,50	1,95	3,00	4,79	0,40	0,51	1,15	1,81	2,34	5,25	95
	1.5+2.0	1,50	2,00	1,95	3,50	4,96	0,40	0,62	1,22	1,81	2,84	5,58	95
	1.5+2.5	1,50	2,50	1,95	4,00	5,28	0,40	0,75	1,36	1,81	3,44	6,23	95
	1.5+3.5	1,50	3,50	1,95	5,00	6,17	0,39	1,04	1,83	1,77	4,76	8,39	95
	1.5+4.2	1,50	4,20	1,95	5,70	6,39	0,39	1,27	1,96	1,77	5,82	8,97	95
	1.5+5.0	1,50	5,00	1,95	6,50	7,08	0,38	1,50	2,23	1,73	6,87	10,22	95
	1.5+6.0	1,36	5,44	1,96	6,80	7,59	0,37	1,62	2,36	1,68	7,42	10,79	95
	2.0+2.0	2,00	2,00	1,95	4,00	5,12	0,40	0,75	1,29	1,81	3,44	5,91	95
	2.0+2.5	2,00	2,50	1,95	4,50	5,44	0,40	0,89	1,43	1,81	4,08	6,56	95
	2.0+3.5	2,00	3,50	1,95	5,50	6,30	0,39	1,17	1,91	1,77	5,36	8,76	95
	2.0+4.2	2,00	4,20	1,95	6,20	6,51	0,39	1,43	2,05	1,77	6,55	9,37	95
	2.0+5.0	1,94	4,86	1,95	6,80	7,26	0,38	1,59	2,36	1,73	7,28	10,79	95
	2.0+6.0	1,70	5,10	1,96	6,80	7,71	0,37	1,61	2,45	1,68	7,37	11,20	95
	2.5+2.5	2,50	2,50	1,95	5,00	6,10	0,41	1,01	1,78	1,89	4,63	8,15	95
	2.5+3.5	2,50	3,50	1,95	6,00	6,57	0,40	1,29	2,11	1,81	5,91	9,65	95
	2.5+4.2	2,50	4,20	1,95	6,70	6,95	0,40	1,51	2,38	1,81	6,92	10,88	95
	2.5+5.0	2,27	4,53	1,95	6,80	7,37	0,37	1,50	2,45	1,68	6,87	11,20	95
	2.5+6.0	2,00	4,80	1,96	6,80	7,71	0,35	1,48	2,45	1,60	6,78	11,20	95
	3.5+3.5	3,40	3,40	1,95	6,80	7,13	0,38	1,45	2,37	1,73	6,64	10,83	95
	3.5+4.2	3,09	3,71	1,95	6,80	7,24	0,38	1,45	2,46	1,73	6,64	11,24	95
	3.5+5.0	2,80	4,00	1,95	6,80	7,76	0,35	1,42	2,78	1,60	6,50	12,71	95

4D139796C

5 Combination table

5 - 1 Combination Table

2MXM68A8

Notes

1) The total capacity of each connected indoor unit is up to ·10.2·kW.
2) The values mentioned in this document are for connecting with the following indoor unit types:
   ·1.5, 2.0, 2.5, 3.5, 4.2, 5.0, 6.0· kW class
   Wall-mounted ·CTXA-AS, CTXA-AT, CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXM-M, CTXM-N, CTXM-R, CTXM-A, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXM-A, FTXJ-AB, FTXJ-AS, FTXJ-AW· series
   * Only for ·CTXM and ··FTXM-R· series
3) Heating capacity conditions
   Indoor temperature ·20·°C DB
   Outdoor temperature ·7·°C DB / ·6·°C WB
4) For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see ·3D106169·.

4D139798C

2MXM68A8

Heating ·230V 50Hz·

Outdoor unit	Indoor unit	Heating capacity [kW]		Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room ·A·	Room ·B·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
2MXM68N2V1B 2MXM68A2V1B 2MXM68A2V1B9 2MXM68A2V1B8	1.5	2,70	---	1,20	2,70	4,08	0,34	0,72	1,22	1,55	3,35	5,59	95
	2.0	3,00	---	1,19	3,00	4,09	0,34	0,81	1,28	1,57	3,70	5,64	95
	2.5	3,40	-	1,22	3,40	4,30	0,35	1,02	1,37	1,61	4,72	6,08	95
	3.5	4,30	-	1,33	4,30	4,90	0,37	1,41	1,75	1,67	6,50	7,15	95
	4.2	4,90	-	1,44	4,90	5,70	0,40	1,58	2,04	1,82	7,25	7,15	95
	5.0	5,90	-	1,66	5,90	6,90	0,39	1,92	2,59	1,78	8,78	8,70	95
	6.0	7,20	-	1,88	7,20	8,91	0,37	2,39	2,64	1,69	10,94	12,08	95
	1.5+1.5	1,83	1,83	1,33	3,65	7,38	0,29	0,82	1,83	1,31	3,75	8,38	95
	1.5+2.0	1,76	2,34	1,39	4,10	7,76	0,30	0,94	1,99	1,37	4,31	9,09	95
	1.5+2.5	1,76	2,94	1,65	4,70	7,95	0,36	1,10	2,06	1,63	5,04	9,43	95
	1.5+3.5	1,77	4,13	1,80	5,90	8,50	0,37	1,45	2,35	1,68	6,61	10,74	95
	1.5+4.2	1,79	5,01	1,80	6,80	8,85	0,37	1,72	2,57	1,68	7,88	11,75	95
	1.5+5.0	1,80	6,00	2,18	7,80	10,38	0,45	2,03	2,91	2,06	9,27	13,31	95
	1.5+6.0	1,72	6,88	2,46	8,60	10,58	0,48	2,28	2,67	2,19	10,44	12,21	95
	2.0+2.0	2,40	2,40	1,65	4,80	7,95	0,36	1,01	2,31	1,63	4,63	9,47	95
	2.0+2.5	2,36	2,94	1,65	5,30	8,12	0,36	1,17	2,32	1,63	5,34	9,81	95
	2.0+3.5	2,36	4,14	1,80	6,50	8,67	0,37	1,52	2,43	1,68	6,94	11,12	95
	2.0+4.2	2,39	5,01	1,80	7,40	9,03	0,37	1,83	2,66	1,68	8,38	12,17	95
	2.0+5.0	2,37	5,93	2,18	8,30	10,56	0,45	2,18	3,00	2,06	9,98	13,73	95
	2.0+6.0	2,15	6,45	2,46	8,60	10,75	0,48	2,24	2,74	2,19	10,26	12,55	95
	2.5+2.5	2,95	2,95	1,65	5,90	8,49	0,36	1,33	2,36	1,63	6,08	10,78	95
	2.5+3.5	2,96	4,14	1,89	7,10	9,03	0,38	1,72	2,66	1,72	7,86	12,17	95
	2.5+4.2	2,99	5,01	1,89	8,00	9,29	0,38	2,03	2,82	1,72	9,31	12,93	95
	2.5+5.0	2,87	5,73	2,27	8,60	10,68	0,46	2,24	3,09	2,11	10,26	14,15	95
	2.5+6.0	2,53	6,07	2,55	8,60	10,88	0,50	2,22	2,77	2,28	10,17	12,67	95
	3.5+3.5	4,15	4,15	2,17	8,30	9,38	0,42	2,18	2,86	1,94	9,98	13,09	95
	3.5+4.2	3,91	4,69	2,17	8,60	9,47	0,42	2,26	2,91	1,94	10,35	13,31	95
	3.5+5.0	3,54	5,06	2,56	8,60	10,90	0,51	2,22	3,13	2,32	10,17	14,32	95
	3.5+6.0	3,17	5,43	2,74	8,60	11,01	0,52	2,21	2,76	2,37	10,12	12,63	95
	4.2+4.2*	4,30	4,30	2,17	8,60	9,56	0,42	2,22	2,94	1,94	10,17	13,47	95
	4.2+5.0*	3,93	4,67	2,56	8,60	10,91	0,51	2,21	3,19	2,32	10,12	14,61	95

4D139798C

6 Capacity tables

6 - 1 Capacity Table Legend

In order to fulfill more your requirements on quick access of data in the format you require, we have developed a tool to consult capacity tables.

Below you can find the link to the capacity table database and an overview of all the tools we have to help you select the correct product:

- **Capacity table database:** lets you find back and export quickly the capacity information you are looking for based upon unit model, refrigerant temperature and connection ratio.
- You can access the capacity table viewer here:
  https://my.daikin.eu/content/denv/en_US/home/applications/software-finder/capacity-table-viewer.html

- An overview of **all software tools** that we offer can be found here:
  https://my.daikin.eu/denv/en_US/home/applications/software-finder.html

6 Capacity tables

6 - 2 Cooling Capacity Tables

2MXM50A8

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   ·1.5, 2.0, 2.5, 3.5, 4.2, 5.0· kW class
   Wall-mounted ·CTXA-AS, CTXA-AT, CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXM-M, CTXM-N, CTXM-R, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXJ-AB, FTXJ-AS, FTXJ-AW· series

4D140471

2MXM50A8

Cooling ·50Hz 230V·

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5	22,0	2,22	0,43	2,32	0,44	2,41	0,45	2,46	0,45	2,61	0,46	2,72	0,47
	25,0	2,15	0,44	2,25	0,45	2,35	0,46	2,40	0,47	2,56	0,48	2,66	0,48
	32,0	2,01	0,48	2,11	0,49	2,21	0,50	2,26	0,50	2,41	0,51	2,51	0,52
	35,0	1,95	0,50	2,05	0,51	2,15	0,52	**2,20**	**0,52**	2,35	0,53	2,45	0,54
	40,0	1,84	0,53	1,95	0,54	2,05	0,55	2,10	0,56	2,25	0,56	2,35	0,57
	43,0	1,79	0,56	1,89	0,56	1,99	0,56	2,04	0,57	2,19	0,58	2,29	0,59
	46,0	1,72	0,57	1,82	0,58	1,92	0,59	1,97	0,59	2,12	0,61	2,23	0,62
2.0	22,0	2,92	0,64	3,06	0,65	3,18	0,66	3,25	0,66	3,45	0,68	3,58	0,69
	25,0	2,83	0,65	2,97	0,66	3,10	0,68	3,17	0,69	3,37	0,70	3,50	0,72
	32,0	2,64	0,72	2,78	0,73	2,91	0,74	2,98	0,74	3,18	0,76	3,31	0,77
	35,0	2,57	0,74	2,70	0,76	2,83	0,77	**2,90**	**0,77**	3,10	0,78	3,23	0,80
	40,0	2,43	0,78	2,57	0,80	2,70	0,81	2,77	0,82	2,97	0,84	3,10	0,85
	43,0	2,35	0,82	2,49	0,82	2,62	0,84	2,69	0,85	2,89	0,86	3,02	0,88
	46,0	2,26	0,85	2,40	0,86	2,53	0,88	2,60	0,88	2,80	0,89	2,93	0,90
2.5	22,0	3,12	0,76	3,27	0,78	3,40	0,79	3,47	0,79	3,68	0,81	3,83	0,82
	25,0	3,03	0,78	3,17	0,79	3,31	0,81	3,39	0,82	3,60	0,84	3,74	0,86
	32,0	2,83	0,86	2,97	0,87	3,11	0,89	3,18	0,89	3,40	0,90	3,54	0,92
	35,0	2,74	0,89	2,89	0,90	3,03	0,92	**3,10**	**0,92**	3,31	0,94	3,46	0,95
	40,0	2,62	0,94	2,74	0,95	2,89	0,97	2,96	0,98	3,17	1,00	3,31	1,02
	43,0	2,55	0,98	2,67	0,98	2,80	1,00	2,87	1,02	3,09	1,03	3,23	1,05
	46,0	2,49	1,02	2,60	1,03	2,71	1,05	2,78	1,05	2,99	1,08	3,14	1,09
3.5	22,0	4,13	1,20	4,32	1,23	4,49	1,25	4,59	1,25	4,87	1,28	5,06	1,30
	25,0	4,01	1,23	4,19	1,25	4,38	1,28	4,48	1,30	4,76	1,33	4,95	1,36
	32,0	3,74	1,36	3,93	1,38	4,12	1,41	4,21	1,41	4,49	1,43	4,68	1,46
	35,0	3,63	1,41	3,82	1,43	4,01	1,46	**4,10**	**1,46**	4,38	1,48	4,57	1,51
	40,0	3,44	1,48	3,63	1,51	3,82	1,53	3,91	1,56	4,19	1,58	4,38	1,61
	43,0	3,33	1,56	3,52	1,56	3,71	1,58	3,80	1,61	4,08	1,63	4,27	1,66
	46,0	3,20	1,61	3,39	1,63	3,58	1,66	3,67	1,66	3,96	1,71	4,15	1,73
4.2	22,0	4,74	1,45	4,95	1,48	5,15	1,51	5,26	1,51	5,59	1,54	5,80	1,57
	25,0	4,59	1,48	4,81	1,51	5,03	1,54	5,13	1,57	5,46	1,60	5,68	1,63
	32,0	4,28	1,63	4,50	1,66	4,72	1,69	4,83	1,69	5,15	1,72	5,37	1,75
	35,0	4,16	1,69	4,37	1,72	4,59	1,75	**4,70**	**1,75**	5,03	1,78	5,24	1,81
	40,0	3,94	1,78	4,16	1,81	4,37	1,84	4,48	1,87	4,81	1,90	5,03	1,93
	43,0	3,81	1,87	4,03	1,87	4,25	1,90	4,36	1,93	4,68	1,96	4,90	1,99
	46,0	3,67	1,93	3,89	1,96	4,10	1,99	4,21	1,99	4,54	2,05	4,75	2,08
5.0	22,0	5,34	1,19	5,59	1,22	5,81	1,24	5,93	1,24	6,30	1,27	6,54	1,29
	25,0	5,18	1,22	5,42	1,24	5,67	1,27	5,79	1,29	6,16	1,32	6,40	1,34
	32,0	4,83	1,34	5,08	1,37	5,32	1,39	5,44	1,39	5,81	1,42	6,05	1,44
	35,0	4,69	1,39	4,93	1,42	5,18	1,44	**5,30**	**1,44**	5,67	1,46	5,91	1,49
	40,0	4,44	1,46	4,69	1,49	4,93	1,51	5,06	1,54	5,42	1,56	5,67	1,59
	43,0	4,30	1,54	4,55	1,54	4,79	1,56	4,91	1,59	5,28	1,61	5,52	1,64
	46,0	4,14	1,59	4,38	1,61	4,63	1,64	4,75	1,64	5,12	1,69	5,36	1,71
1.5+1.5	22,0	4,23	0,71	4,42	0,73	4,61	0,74	4,71	0,75	5,00	0,76	5,19	0,78
	25,0	4,11	0,74	4,30	0,75	4,49	0,76	4,59	0,77	4,88	0,79	5,07	0,81
	32,0	3,83	0,80	4,02	0,82	4,22	0,83	4,32	0,83	4,61	0,86	4,80	0,87
	35,0	3,71	0,83	3,91	0,85	4,10	0,86	**4,20**	**0,87**	4,49	0,89	4,69	0,90
	40,0	3,52	0,89	3,71	0,90	3,91	0,91	4,01	0,92	4,29	0,94	4,49	0,96
	43,0	3,40	0,92	3,60	0,94	3,79	0,95	3,89	0,96	4,13	0,97	4,37	0,99
	46,0	3,28	0,96	3,48	0,97	3,67	0,98	3,77	0,99	4,06	1,01	4,25	1,03

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0	22,0	4,23	0,75	4,42	0,76	4,61	0,77	4,71	0,78	5,00	0,80	5,19	0,82
	25,0	4,11	0,77	4,30	0,79	4,49	0,80	4,59	0,81	4,88	0,83	5,07	0,85
	32,0	3,83	0,84	4,02	0,85	4,22	0,87	4,32	0,87	4,61	0,90	4,80	0,91
	35,0	3,71	0,87	3,91	0,89	4,10	0,90	**4,20**	**0,91**	4,49	0,93	4,69	0,95
	40,0	3,52	0,93	3,71	0,94	3,91	0,95	4,01	0,96	4,29	0,99	4,49	1,00
	43,0	3,40	0,96	3,60	0,98	3,79	0,99	3,89	1,00	4,13	1,02	4,37	1,03
	46,0	3,28	1,00	3,48	1,01	3,67	1,03	3,77	1,03	4,06	1,06	4,25	1,08
1.5+2.5	22,0	4,23	0,82	4,42	0,83	4,61	0,84	4,71	0,85	5,00	0,87	5,19	0,90
	25,0	4,11	0,84	4,30	0,85	4,49	0,87	4,59	0,88	4,88	0,89	5,07	0,92
	32,0	3,83	0,92	4,02	0,93	4,22	0,95	4,32	0,95	4,61	0,98	4,80	1,00
	35,0	3,71	0,95	3,91	0,97	4,10	0,98	**4,20**	**0,99**	4,49	1,01	4,69	1,03
	40,0	3,52	1,01	3,71	1,03	3,91	1,04	4,01	1,05	4,29	1,08	4,49	1,09
	43,0	3,40	1,05	3,60	1,07	3,79	1,08	3,89	1,09	4,13	1,11	4,37	1,13
	46,0	3,28	1,09	3,48	1,11	3,67	1,12	3,77	1,13	4,06	1,16	4,25	1,17
1.5+3.5	22,0	5,03	1,03	5,26	1,05	5,49	1,07	5,61	1,08	5,95	1,10	6,18	1,13
	25,0	4,89	1,07	5,12	1,08	5,35	1,10	5,47	1,11	5,81	1,14	6,04	1,17
	32,0	4,56	1,16	4,79	1,18	5,02	1,19	5,14	1,20	5,49	1,24	5,72	1,26
	35,0	4,42	1,20	4,65	1,22	4,88	1,24	**5,00**	**1,25**	5,35	1,28	5,58	1,31
	40,0	4,19	1,28	4,42	1,30	4,65	1,31	4,77	1,32	5,11	1,36	5,34	1,38
	43,0	4,05	1,32	4,28	1,35	4,51	1,37	4,63	1,38	4,92	1,41	5,20	1,42
	46,0	3,91	1,38	4,14	1,40	4,37	1,42	4,49	1,42	4,83	1,46	5,06	1,48
1.5+4.2	22,0	5,43	1,27	5,68	1,29	5,93	1,31	6,06	1,32	6,43	1,36	6,67	1,39
	25,0	5,28	1,31	5,53	1,34	5,78	1,36	5,91	1,37	6,27	1,40	6,52	1,44
	32,0	4,92	1,43	5,17	1,45	5,42	1,47	5,55	1,48	5,93	1,53	6,18	1,55
	35,0	4,77	1,48	5,02	1,51	5,27	1,53	**5,40**	**1,54**	5,78	1,57	6,03	1,61
	40,0	4,53	1,57	4,77	1,60	5,02	1,62	5,15	1,63	5,52	1,68	5,77	1,70
	43,0	4,37	1,63	4,62	1,66	4,87	1,69	5,00	1,70	5,31	1,73	5,62	1,76
	46,0	4,22	1,70	4,47	1,72	4,72	1,74	4,85	1,76	5,22	1,80	5,46	1,82
1.5+5.0	22,0	5,53	1,38	5,79	1,41	6,04	1,43	6,17	1,45	6,55	1,48	6,80	1,52
	25,0	5,38	1,43	5,63	1,46	5,89	1,48	6,02	1,49	6,39	1,53	6,64	1,57
	32,0	5,02	1,56	5,27	1,58	5,52	1,61	5,65	1,62	6,04	1,67	6,29	1,69
	35,0	4,86	1,62	5,12	1,64	5,37	1,67	**5,50**	**1,68**	5,89	1,72	6,14	1,75
	40,0	4,61	1,72	4,86	1,74	5,12	1,77	5,25	1,78	5,62	1,83	5,87	1,85
	43,0	4,46	1,78	4,71	1,82	4,96	1,84	5,09	1,85	5,41	1,89	5,72	1,91
	46,0	4,30	1,85	4,55	1,88	4,81	1,90	4,94	1,91	5,31	1,96	5,57	1,99
2.0+2.0	22,0	5,03	1,03	5,26	1,06	5,49	1,08	5,61	1,09	5,95	1,13	6,18	1,15
	25,0	4,89	1,07	5,12	1,10	5,35	1,12	5,47	1,13	5,81	1,17	6,04	1,19
	32,0	4,56	1,19	4,79	1,20	5,02	1,22	5,14	1,23	5,49	1,27	5,72	1,29
	35,0	4,42	1,23	4,65	1,25	4,88	1,27	**5,00**	**1,28**	5,35	1,31	5,58	1,34
	40,0	4,19	1,31	4,42	1,33	4,65	1,35	4,77	1,36	5,11	1,39	5,34	1,41
	43,0	4,05	1,36	4,28	1,38	4,51	1,40	4,63	1,41	5,03	1,44	5,20	1,46
	46,0	3,91	1,41	4,14	1,43	4,37	1,45	4,49	1,46	4,83	1,50	5,06	1,52
2.0+2.5	22,0	5,13	1,08	5,36	1,09	5,60	1,12	5,72	1,13	6,07	1,16	6,30	1,18
	25,0	4,99	1,11	5,22	1,14	5,46	1,16	5,57	1,17	5,93	1,20	6,16	1,22
	32,0	4,66	1,21	4,89	1,24	5,12	1,26	5,24	1,26	5,59	1,30	5,83	1,32
	35,0	4,51	1,26	4,75	1,28	4,98	1,30	**5,10**	**1,31**	5,45	1,35	5,69	1,36
	40,0	4,28	1,34	4,51	1,36	4,75	1,38	4,86	1,39	5,21	1,43	5,45	1,45
	43,0	4,13	1,39	4,37	1,41	4,60	1,44	4,72	1,45	5,07	1,47	5,31	1,50
	46,0	3,99	1,45	4,23	1,46	4,46	1,48	4,58	1,50	4,93	1,53	5,16	1,54

Symbols
TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [°C DB]

4D140471

6 Capacity tables

6 - 2 Cooling Capacity Tables

2MXM50A8

Cooling ·50Hz 230V·

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5	22,0	5,43	1,22	5,68	1,25	5,93	1,27	6,05	1,29	6,43	1,32	6,68	1,34
	25,0	5,28	1,27	5,53	1,30	5,78	1,32	5,90	1,32	6,28	1,36	6,52	1,39
	32,0	4,93	1,38	5,18	1,41	5,43	1,43	5,55	1,44	5,92	1,47	6,17	1,50
	35,0	4,78	1,43	5,03	1,45	5,28	1,48	5,40	1,49	5,77	1,53	6,02	1,55
	40,0	4,53	1,53	4,78	1,55	5,02	1,57	5,15	1,58	5,52	1,62	5,77	1,65
	43,0	4,38	1,58	4,62	1,61	4,81	1,63	5,00	1,64	5,37	1,67	5,62	1,70
	46,0	4,22	1,65	4,47	1,66	4,72	1,69	4,85	1,70	5,17	1,74	5,47	1,76
2.0+4.2	22,0	5,53	1,25	5,79	1,26	6,04	1,29	6,17	1,30	6,55	1,33	6,80	1,36
	25,0	5,38	1,29	5,63	1,31	5,89	1,33	6,01	1,34	6,39	1,39	6,65	1,40
	32,0	5,02	1,40	5,27	1,42	5,53	1,45	5,65	1,46	6,03	1,49	6,29	1,52
	35,0	4,87	1,45	5,12	1,47	5,37	1,50	5,50	1,51	5,88	1,55	6,13	1,57
	40,0	4,61	1,55	4,86	1,57	5,12	1,59	5,24	1,61	5,62	1,64	5,88	1,67
	43,0	4,46	1,60	4,71	1,62	4,96	1,65	5,09	1,66	5,47	1,70	5,72	1,72
	46,0	4,30	1,66	4,56	1,69	4,81	1,71	4,94	1,72	5,32	1,76	5,57	1,78
2.0+5.0	22,0	5,53	1,19	5,79	1,20	6,04	1,23	6,17	1,24	6,55	1,27	6,80	1,30
	25,0	5,38	1,23	5,63	1,25	5,89	1,27	6,01	1,28	6,39	1,32	6,65	1,34
	32,0	5,02	1,33	5,27	1,36	5,53	1,38	5,65	1,39	6,03	1,42	6,29	1,45
	35,0	4,87	1,38	5,12	1,41	5,37	1,43	5,50	1,44	5,88	1,47	6,13	1,50
	40,0	4,61	1,47	4,86	1,50	5,12	1,52	5,24	1,53	5,62	1,57	5,88	1,59
	43,0	4,46	1,52	4,71	1,55	4,96	1,57	5,09	1,58	5,47	1,62	5,72	1,64
	46,0	4,30	1,58	4,56	1,61	4,81	1,63	4,94	1,64	5,32	1,68	5,57	1,70
2.5+2.5	22,0	5,33	1,16	5,58	1,19	5,82	1,21	5,94	1,23	6,31	1,26	6,55	1,28
	25,0	5,18	1,21	5,43	1,23	5,67	1,25	5,79	1,27	6,16	1,30	6,40	1,32
	32,0	4,84	1,31	5,08	1,34	5,33	1,36	5,45	1,38	5,81	1,40	6,06	1,43
	35,0	4,69	1,37	4,93	1,38	5,18	1,41	5,30	1,42	5,67	1,46	5,91	1,48
	40,0	4,44	1,46	4,69	1,47	4,93	1,50	5,05	1,51	5,42	1,54	5,66	1,56
	43,0	4,29	1,51	4,54	1,53	4,78	1,55	4,91	1,56	5,27	1,60	5,52	1,62
	46,0	4,15	1,56	4,39	1,59	4,63	1,61	4,76	1,62	5,12	1,66	5,37	1,68
2.5+3.5	22,0	5,43	1,17	5,68	1,20	5,93	1,22	6,05	1,23	6,43	1,27	6,68	1,29
	25,0	5,28	1,22	5,53	1,24	5,78	1,26	5,90	1,28	6,28	1,31	6,52	1,33
	32,0	4,93	1,32	5,18	1,35	5,43	1,37	5,55	1,39	5,92	1,41	6,17	1,44
	35,0	4,78	1,38	5,03	1,39	5,28	1,42	5,40	1,43	5,77	1,47	6,02	1,49
	40,0	4,53	1,47	4,78	1,48	5,02	1,51	5,15	1,52	5,52	1,55	5,77	1,57
	43,0	4,38	1,52	4,62	1,54	4,87	1,56	5,00	1,57	5,37	1,61	5,62	1,63
	46,0	4,22	1,57	4,47	1,60	4,72	1,63	4,85	1,63	5,22	1,67	5,47	1,69
2.5+4.2	22,0	5,53	1,20	5,79	1,21	6,04	1,24	6,17	1,25	6,55	1,28	6,80	1,31
	25,0	5,38	1,24	5,63	1,25	5,89	1,28	6,01	1,29	6,39	1,33	6,65	1,35
	32,0	5,02	1,34	5,27	1,37	5,53	1,39	5,65	1,40	6,03	1,43	6,29	1,46
	35,0	4,87	1,39	5,12	1,42	5,37	1,44	5,50	1,45	5,88	1,48	6,13	1,51
	40,0	4,61	1,48	4,86	1,51	5,12	1,53	5,24	1,54	5,62	1,58	5,88	1,60
	43,0	4,46	1,53	4,71	1,56	4,96	1,59	5,09	1,59	5,47	1,63	5,72	1,65
	46,0	4,30	1,59	4,56	1,62	4,81	1,65	4,94	1,65	5,32	1,69	5,57	1,71
2.5+5.0	22,0	5,53	1,14	5,79	1,15	6,04	1,18	6,17	1,19	6,55	1,22	6,80	1,24
	25,0	5,38	1,18	5,63	1,19	5,89	1,22	6,01	1,23	6,39	1,27	6,65	1,28
	32,0	5,02	1,28	5,27	1,30	5,53	1,32	5,65	1,33	6,03	1,36	6,29	1,39
	35,0	4,87	1,32	5,12	1,35	5,37	1,37	5,50	1,38	5,88	1,41	6,13	1,44
	40,0	4,61	1,41	4,86	1,44	5,12	1,45	5,24	1,47	5,62	1,50	5,88	1,53
	43,0	4,46	1,46	4,71	1,48	4,96	1,51	5,09	1,52	5,47	1,55	5,72	1,57
	46,0	4,30	1,52	4,56	1,54	4,81	1,57	4,94	1,57	5,32	1,61	5,57	1,63

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5	22,0	5,43	1,16	5,68	1,19	5,93	1,21	6,05	1,23	6,43	1,26	6,68	1,28
	25,0	5,28	1,21	5,53	1,23	5,78	1,25	5,90	1,27	6,28	1,30	6,52	1,32
	32,0	4,93	1,31	5,18	1,34	5,43	1,36	5,55	1,38	5,92	1,40	6,17	1,43
	35,0	4,78	1,37	5,03	1,38	5,28	1,41	5,40	1,42	5,77	1,46	6,02	1,48
	40,0	4,53	1,46	4,78	1,47	5,02	1,50	5,15	1,51	5,52	1,54	5,77	1,56
	43,0	4,38	1,51	4,62	1,53	4,87	1,55	5,00	1,56	5,37	1,60	5,62	1,62
	46,0	4,22	1,56	4,47	1,59	4,72	1,61	4,85	1,62	5,22	1,66	5,47	1,68
3.5+4.2	22,0	5,53	1,15	5,79	1,17	6,04	1,20	6,17	1,20	6,55	1,24	6,80	1,26
	25,0	5,38	1,20	5,63	1,21	5,89	1,24	6,01	1,24	6,39	1,29	6,65	1,30
	32,0	5,02	1,29	5,27	1,32	5,53	1,34	5,65	1,35	6,03	1,38	6,29	1,41
	35,0	4,87	1,34	5,12	1,37	5,37	1,39	5,50	1,40	5,88	1,43	6,13	1,46
	40,0	4,61	1,43	4,86	1,46	5,12	1,47	5,24	1,49	5,62	1,52	5,88	1,55
	43,0	4,46	1,48	4,71	1,51	4,96	1,53	5,09	1,54	5,47	1,57	5,72	1,60
	46,0	4,30	1,54	4,56	1,56	4,81	1,59	4,94	1,60	5,32	1,63	5,57	1,65
3.5+5.0	22,0	5,53	1,10	5,79	1,12	6,04	1,14	6,17	1,15	6,55	1,18	6,80	1,21
	25,0	5,38	1,14	5,63	1,16	5,89	1,18	6,01	1,19	6,39	1,23	6,65	1,25
	32,0	5,02	1,24	5,27	1,26	5,53	1,29	5,65	1,29	6,03	1,32	6,29	1,35
	35,0	4,87	1,29	5,12	1,31	5,37	1,33	5,50	1,34	5,88	1,37	6,13	1,39
	40,0	4,61	1,37	4,86	1,39	5,12	1,41	5,24	1,43	5,62	1,46	5,88	1,48
	43,0	4,46	1,42	4,71	1,44	4,96	1,47	5,09	1,47	5,47	1,50	5,72	1,53
	46,0	4,30	1,47	4,56	1,50	4,81	1,52	4,94	1,53	5,32	1,56	5,57	1,58
4.2+4.2	22,0	5,53	1,13	5,79	1,16	6,04	1,18	6,17	1,19	6,55	1,23	6,80	1,24
	25,0	5,38	1,18	5,63	1,20	5,89	1,22	6,01	1,23	6,39	1,26	6,65	1,29
	32,0	5,02	1,28	5,27	1,30	5,53	1,32	5,65	1,34	6,03	1,36	6,29	1,39
	35,0	4,87	1,33	5,12	1,35	5,37	1,37	5,50	1,38	5,88	1,41	6,13	1,44
	40,0	4,61	1,41	4,86	1,43	5,12	1,46	5,24	1,47	5,62	1,50	5,88	1,52
	43,0	4,46	1,47	4,71	1,49	4,96	1,51	5,09	1,52	5,47	1,55	5,72	1,58
	46,0	4,30	1,52	4,56	1,54	4,81	1,57	4,94	1,58	5,32	1,61	5,57	1,63

Symbols
TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [°C DB]

4D140471

6 Capacity tables

6 - 3 Heating Capacity Tables

2MXM50A8

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
2. The bold cells indicate the standard conditions.
3. The heating capacity does not include the capacity drop that occurs during a frosting period and defrost operation.
4. The values above are for connecting with the following indoor unit types:
   ·1.5, 2.0, 2.5, 3.5, 4.2, 5.0· kW class
   Wall-mounted ·CTXA-AS, CTXA-AT, CTXA-AW, CTXA-BB, CTXA-BS, CTXA-BT, CTXM-M, CTXM-N, CTXM-R, FTXA-AS, FTXA-AT, FTXA-AW, FTXA-BB, FTXA-BS, FTXA-BT, FTXM-M, FTXM-N, FTXM-R, FTXJ-AB, FTXJ-AS, FTXJ-AW· series

4D140656

2MXM50A8

Heating ·50Hz 230V·

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5	-15,0	1,65	0,73	1,59	0,74	1,54	0,75	1,52	0,75	1,49	0,77	1,44	0,78
	-10,0	2,07	0,79	2,01	0,79	1,96	0,80	1,94	0,80	1,91	0,81	1,86	0,82
	-5,0	2,48	0,83	2,43	0,84	2,38	0,85	2,36	0,85	2,33	0,86	2,28	0,87
	0,0	2,90	0,88	2,85	0,89	2,80	0,90	2,77	0,90	2,75	0,90	2,70	0,91
	6,0	3,40	0,93	3,35	0,94	3,30	0,95	3,27	0,95	3,25	0,96	3,20	0,97
	10,0	3,74	0,97	3,69	0,98	3,63	0,99	3,61	0,99	3,58	1,00	3,53	1,01
	15,0	4,15	1,01	4,10	1,02	4,05	1,03	4,03	1,03	4,00	1,04	3,95	1,05
2.0	-15,0	2,05	0,91	1,99	0,92	1,94	0,93	1,92	0,93	1,89	0,95	1,84	0,96
	-10,0	2,47	0,97	2,41	0,98	2,36	0,98	2,34	0,98	2,31	0,99	2,26	1,00
	-5,0	2,88	1,01	2,83	1,02	2,78	1,03	2,76	1,03	2,73	1,04	2,68	1,05
	0,0	3,30	1,06	3,25	1,07	3,20	1,08	3,17	1,08	3,15	1,08	3,10	1,09
	6,0	3,80	1,11	3,75	1,12	3,70	1,13	3,67	1,13	3,65	1,14	3,60	1,15
	10,0	4,14	1,15	4,09	1,16	4,03	1,17	4,01	1,17	3,98	1,18	3,93	1,19
	15,0	4,55	1,19	4,50	1,20	4,45	1,21	4,43	1,21	4,40	1,22	4,35	1,23
2.5	-15,0	2,45	1,16	2,34	1,17	2,29	1,18	2,27	1,18	2,24	1,19	2,19	1,20
	-10,0	2,67	1,18	2,61	1,19	2,56	1,20	2,54	1,20	2,51	1,20	2,46	1,21
	-5,0	3,28	1,22	3,13	1,23	3,08	1,24	3,06	1,24	3,03	1,25	2,98	1,26
	0,0	3,70	1,27	3,65	1,28	3,60	1,29	3,57	1,29	3,55	1,29	3,50	1,30
	6,0	4,20	1,32	4,15	1,33	4,10	1,34	4,07	1,34	4,05	1,35	4,00	1,36
	10,0	4,54	1,36	4,49	1,37	4,43	1,38	4,41	1,38	4,38	1,39	4,33	1,40
	15,0	4,95	1,40	4,90	1,41	4,85	1,42	4,83	1,42	4,80	1,43	4,75	1,44
3.5	-15,0	2,75	1,34	2,69	1,35	2,64	1,36	2,61	1,37	2,58	1,38	2,52	1,38
	-10,0	3,06	1,35	2,99	1,36	2,93	1,37	2,90	1,38	2,87	1,38	2,81	1,39
	-5,0	3,58	1,40	3,52	1,41	3,45	1,42	3,42	1,43	3,39	1,43	3,33	1,45
	0,0	4,17	1,48	4,11	1,49	4,04	1,51	4,01	1,51	3,98	1,52	3,91	1,53
	6,0	4,94	1,57	4,86	1,59	4,80	1,60	4,78	1,61	4,74	1,61	4,66	1,63
	10,0	5,36	1,62	5,30	1,63	5,24	1,65	5,20	1,65	5,17	1,66	5,10	1,67
	15,0	5,91	1,68	5,84	1,70	5,77	1,71	5,74	1,71	5,71	1,72	5,61	1,72
4.2	-15,0	2,66	1,47	2,60	1,48	2,55	1,50	2,52	1,50	2,49	1,51	2,44	1,53
	-10,0	2,95	1,53	2,88	1,54	2,82	1,56	2,79	1,56	2,75	1,57	2,69	1,58
	-5,0	3,67	1,62	3,61	1,63	3,55	1,64	3,51	1,65	3,48	1,65	3,42	1,67
	0,0	4,40	1,70	4,34	1,71	4,27	1,73	4,24	1,73	4,21	1,74	4,15	1,75
	6,0	5,13	1,78	5,06	1,80	5,00	1,81	4,97	1,82	4,94	1,82	4,87	1,84
	10,0	5,54	1,83	5,48	1,84	5,42	1,86	5,38	1,86	5,35	1,87	5,29	1,88
	15,0	6,06	1,89	6,00	1,91	5,93	1,92	5,90	1,92	5,87	1,93	5,78	1,93
5.0	-15,0	2,68	1,06	2,62	1,07	2,57	1,08	2,54	1,09	2,51	1,10	2,46	1,11
	-10,0	3,10	1,16	3,02	1,17	2,94	1,19	2,91	1,20	2,87	1,21	2,79	1,22
	-5,0	3,98	1,27	3,91	1,28	3,83	1,30	3,79	1,31	3,75	1,32	3,67	1,33
	0,0	4,87	1,37	4,79	1,38	4,71	1,40	4,68	1,41	4,64	1,42	4,56	1,43
	6,0	5,75	1,48	5,68	1,49	5,60	1,51	5,56	1,52	5,52	1,53	5,45	1,54
	10,0	6,26	1,54	6,18	1,56	6,11	1,57	6,07	1,58	5,94	1,59	5,59	1,60
	15,0	6,89	1,62	6,64	1,63	6,29	1,64	6,11	1,65	5,94	1,66	5,80	1,66
1.5+1.5	-15,0	2,42	0,81	2,40	0,82	2,34	0,83	2,30	0,84	2,26	0,84	2,19	0,85
	-10,0	3,04	0,86	2,97	0,87	2,91	0,88	2,87	0,89	2,83	0,89	2,76	0,90
	-5,0	3,61	0,91	3,55	0,92	3,48	0,93	3,45	0,93	3,40	0,94	3,34	0,95
	0,0	4,19	0,97	4,12	0,99	4,05	1,01	4,01	1,02	3,98	1,02	3,91	1,03
	6,0	5,18	1,06	5,09	1,08	5,00	1,09	4,96	1,10	4,91	1,10	4,82	1,13
	10,0	5,74	1,12	5,65	1,13	5,56	1,15	5,53	1,15	5,48	1,16	5,40	1,17
	15,0	6,45	1,18	6,37	1,19	6,28	1,20	6,23	1,21	6,19	1,23	6,10	1,24

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.0	-15,0	2,45	0,84	2,43	0,85	2,38	0,86	2,34	0,86	2,30	0,87	2,24	0,88
	-10,0	3,03	0,89	2,97	0,90	2,90	0,91	2,87	0,92	2,83	0,92	2,77	0,93
	-5,0	3,56	0,94	3,50	0,95	3,44	0,96	3,40	0,96	3,36	0,97	3,30	0,98
	0,0	4,24	1,04	4,16	1,07	4,08	1,08	4,04	1,09	4,00	1,09	3,92	1,10
	6,0	5,16	1,13	5,08	1,15	5,00	1,16	4,96	1,17	4,92	1,17	4,84	1,19
	10,0	5,69	1,18	5,60	1,19	5,52	1,21	5,49	1,21	5,45	1,22	5,37	1,23
	15,0	6,35	1,24	6,27	1,25	6,19	1,26	6,15	1,27	6,10	1,28	6,02	1,29
1.5+2.5	-15,0	2,50	0,88	2,48	0,89	2,42	0,90	2,39	0,90	2,35	0,91	2,29	0,92
	-10,0	3,06	0,92	3,00	0,93	2,94	0,94	2,91	0,95	2,87	0,95	2,81	0,96
	-5,0	3,58	0,97	3,52	0,98	3,46	0,99	3,43	0,99	3,39	1,00	3,33	1,01
	0,0	4,45	1,16	4,37	1,18	4,29	1,19	4,25	1,20	4,21	1,20	4,13	1,21
	6,0	5,35	1,24	5,27	1,26	5,19	1,27	5,15	1,28	5,11	1,28	5,03	1,30
	10,0	5,86	1,29	5,78	1,30	5,70	1,32	5,67	1,32	5,63	1,33	5,55	1,34
	15,0	6,51	1,35	6,43	1,36	6,35	1,37	6,31	1,38	6,27	1,39	6,19	1,40
1.5+3.5	-15,0	2,70	0,94	2,64	0,95	2,59	0,96	2,56	0,96	2,53	0,97	2,48	0,98
	-10,0	3,26	1,13	3,18	1,15	3,12	1,16	3,06	1,17	3,02	1,17	2,94	1,18
	-5,0	4,20	1,21	4,12	1,23	4,03	1,24	3,99	1,25	3,95	1,25	3,87	1,26
	0,0	5,13	1,29	5,05	1,31	4,97	1,32	4,93	1,33	4,89	1,33	4,80	1,34
	6,0	6,06	1,37	5,98	1,39	5,70	1,40	5,67	1,41	5,62	1,41	5,57	1,43
	10,0	6,60	1,42	6,51	1,43	6,43	1,45	6,39	1,45	6,35	1,46	6,27	1,47
	15,0	7,26	1,48	7,18	1,49	7,10	1,50	7,06	1,51	7,02	1,52	6,94	1,53
1.5+4.2	-15,0	2,72	1,13	2,66	1,14	2,61	1,15	2,58	1,16	2,55	1,17	2,50	1,18
	-10,0	3,32	1,19	3,24	1,21	3,16	1,22	3,12	1,23	3,08	1,23	3,00	1,24
	-5,0	4,26	1,27	4,18	1,29	4,09	1,30	4,05	1,31	4,01	1,31	3,93	1,32
	0,0	5,19	1,35	5,11	1,37	5,03	1,38	4,99	1,39	4,95	1,39	4,86	1,40
	6,0	6,12	1,43	6,04	1,45	5,96	1,46	5,92	1,47	5,88	1,47	5,80	1,49
	10,0	6,66	1,48	6,57	1,49	6,49	1,51	6,45	1,51	6,41	1,52	6,33	1,53
	15,0	7,32	1,54	7,24	1,55	7,16	1,56	7,12	1,57	7,08	1,58	7,00	1,59
1.5+5.0	-15,0	2,74	1,16	2,68	1,17	2,63	1,18	2,60	1,19	2,57	1,20	2,52	1,21
	-10,0	3,39	1,22	3,31	1,23	3,22	1,24	3,18	1,25	3,13	1,26	3,05	1,27
	-5,0	4,37	1,30	4,29	1,32	4,20	1,33	4,16	1,34	4,11	1,34	4,03	1,36
	0,0	5,35	1,39	5,27	1,40	5,18	1,41	5,14	1,42	5,09	1,43	5,01	1,44
	6,0	6,33	1,47	6,25	1,49	6,16	1,50	6,12	1,51	6,07	1,51	5,99	1,53
	10,0	6,89	1,52	6,81	1,54	6,72	1,55	6,68	1,56	6,63	1,56	6,55	1,58
	15,0	7,59	1,58	7,51	1,60	7,42	1,61	7,38	1,62	7,33	1,62	7,25	1,64
2.0+2.0	-15,0	2,51	0,90	2,49	0,91	2,43	0,92	2,40	0,93	2,36	0,93	2,30	0,94
	-10,0	3,15	1,13	3,08	1,15	3,00	1,16	2,96	1,16	2,92	1,17	2,84	1,18
	-5,0	4,06	1,21	3,98	1,23	3,90	1,24	3,86	1,24	3,82	1,25	3,74	1,26
	0,0	4,96	1,29	4,88	1,31	4,80	1,32	4,76	1,33	4,72	1,33	4,64	1,34
	6,0	5,86	1,37	5,78	1,39	5,70	1,40	5,66	1,41	5,62	1,41	5,54	1,43
	10,0	6,37	1,42	6,29	1,43	6,21	1,45	6,18	1,45	6,14	1,46	6,06	1,47
	15,0	7,02	1,48	6,94	1,49	6,86	1,50	6,82	1,51	6,78	1,52	6,70	1,53
2.0+2.5	-15,0	2,61	0,92	2,59	0,93	2,49	0,94	2,45	0,95	2,40	0,96	2,34	0,97
	-10,0	3,25	1,15	3,18	1,17	3,10	1,18	3,06	1,18	3,02	1,19	2,94	1,20
	-5,0	4,16	1,23	4,08	1,25	4,00	1,26	3,96	1,26	3,92	1,27	3,84	1,28
	0,0	5,06	1,31	4,98	1,33	4,90	1,34	4,86	1,35	4,82	1,35	4,74	1,36
	6,0	5,96	1,39	5,88	1,41	5,80	1,42	5,76	1,43	5,72	1,43	5,64	1,45
	10,0	6,47	1,44	6,39	1,45	6,31	1,47	6,28	1,47	6,24	1,48	6,16	1,49
	15,0	7,12	1,50	7,04	1,51	6,96	1,52	6,92	1,53	6,88	1,54	6,80	1,55

Symbols
TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [°C WB]

4D140656

6 Capacity tables

6 - 3 Heating Capacity Tables

2MXM50A8

Heating ·50Hz 230V·

①	②	Indoor air temperature [°C DB] 16°C TC	16°C PI	18°C TC	18°C PI	20°C TC	20°C PI	21°C TC	21°C PI	22°C TC	22°C PI	24°C TC	24°C PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+3.5	-15,0	2,71	0,92	2,69	0,93	2,63	0,94	2,61	0,95	2,56	0,96	2,50	0,97
	-10,0	3,29	1,17	3,23	1,19	3,17	1,20	3,14	1,21	3,10	1,21	3,04	1,22
	-5,0	4,20	1,24	4,12	1,26	4,03	1,27	3,99	1,28	3,95	1,28	3,87	1,29
	0,0	5,13	1,32	5,05	1,34	4,97	1,35	4,93	1,36	4,89	1,36	4,80	1,37
	6,0	6,06	1,40	5,98	1,42	5,90	1,43	5,86	1,44	5,82	1,44	5,74	1,46
	10,0	6,60	1,45	6,51	1,46	6,43	1,48	6,39	1,48	6,35	1,49	6,27	1,50
	15,0	7,26	1,51	7,18	1,52	7,10	1,53	7,06	1,54	7,02	1,55	6,94	1,56
2.0+4.2	-15,0	2,73	1,12	2,71	1,13	2,65	1,14	2,63	1,15	2,58	1,16	2,52	1,17
	-10,0	3,36	1,19	3,28	1,21	3,20	1,22	3,16	1,23	3,12	1,23	3,04	1,24
	-5,0	4,30	1,27	4,22	1,29	4,13	1,30	4,09	1,31	4,05	1,31	3,97	1,32
	0,0	5,23	1,35	5,15	1,37	5,07	1,38	5,03	1,39	4,99	1,39	4,90	1,40
	6,0	6,16	1,43	6,08	1,45	6,00	1,46	5,96	1,47	5,92	1,47	5,84	1,49
	10,0	6,70	1,48	6,61	1,49	6,53	1,51	6,49	1,51	6,45	1,52	6,37	1,53
	15,0	7,36	1,54	7,28	1,55	7,20	1,56	7,16	1,57	7,12	1,58	7,04	1,59
2.0+5.0	-15,0	2,75	1,15	2,73	1,16	2,67	1,17	2,65	1,18	2,60	1,19	2,54	1,20
	-10,0	3,43	1,22	3,35	1,23	3,26	1,24	3,22	1,25	3,17	1,26	3,09	1,27
	-5,0	4,41	1,30	4,33	1,32	4,24	1,33	4,20	1,34	4,15	1,34	4,07	1,36
	0,0	5,39	1,39	5,31	1,40	5,22	1,41	5,18	1,42	5,13	1,43	5,05	1,44
	6,0	6,37	1,47	6,29	1,49	6,20	1,50	6,16	1,51	6,11	1,51	6,03	1,53
	10,0	6,93	1,52	6,85	1,54	6,76	1,55	6,72	1,56	6,67	1,56	6,59	1,58
	15,0	7,63	1,58	7,55	1,60	7,46	1,61	7,42	1,62	7,37	1,62	7,29	1,64
2.5+2.5	-15,0	2,65	0,91	2,56	0,92	2,54	0,93	2,45	0,94	2,42	0,95	2,35	0,96
	-10,0	3,30	1,15	3,18	1,17	3,12	1,18	3,06	1,18	3,02	1,19	2,94	1,20
	-5,0	4,23	1,23	4,08	1,25	4,00	1,26	3,96	1,26	3,92	1,27	3,84	1,28
	0,0	5,14	1,31	4,98	1,33	4,90	1,34	4,86	1,35	4,82	1,35	4,74	1,36
	6,0	6,06	1,39	5,88	1,41	5,80	1,42	5,76	1,43	5,72	1,43	5,64	1,45
	10,0	6,58	1,44	6,39	1,45	6,31	1,47	6,28	1,47	6,24	1,48	6,16	1,49
	15,0	7,24	1,50	7,04	1,51	6,96	1,52	6,92	1,53	6,88	1,54	6,80	1,55
2.5+3.5	-15,0	2,71	0,95	2,70	0,96	2,63	0,97	2,60	0,98	2,57	0,98	2,50	0,99
	-10,0	3,36	1,21	3,28	1,23	3,20	1,24	3,16	1,25	3,12	1,25	3,04	1,26
	-5,0	4,30	1,29	4,22	1,31	4,13	1,32	4,09	1,33	4,05	1,33	3,97	1,34
	0,0	5,23	1,37	5,15	1,39	5,07	1,40	5,03	1,41	4,99	1,41	4,90	1,42
	6,0	6,16	1,45	6,08	1,47	6,00	1,48	5,96	1,49	5,92	1,49	5,84	1,51
	10,0	6,70	1,50	6,61	1,51	6,53	1,53	6,49	1,53	6,45	1,54	6,37	1,55
	15,0	7,36	1,56	7,28	1,57	7,20	1,58	7,16	1,59	7,12	1,60	7,04	1,61
2.5+4.2	-15,0	2,79	1,18	2,71	1,19	2,63	1,20	2,62	1,21	2,59	1,22	2,52	1,23
	-10,0	3,46	1,24	3,38	1,26	3,30	1,27	3,26	1,28	3,22	1,28	3,14	1,29
	-5,0	4,40	1,32	4,32	1,34	4,23	1,35	4,19	1,36	4,15	1,36	4,07	1,37
	0,0	5,33	1,40	5,25	1,42	5,17	1,43	5,13	1,44	5,09	1,44	5,00	1,45
	6,0	6,26	1,48	6,18	1,50	6,10	1,51	6,06	1,52	6,02	1,52	5,94	1,54
	10,0	6,80	1,53	6,71	1,54	6,63	1,56	6,59	1,56	6,55	1,57	6,47	1,58
	15,0	7,46	1,59	7,38	1,60	7,30	1,61	7,26	1,62	7,22	1,63	7,14	1,64
2.5+5.0	-15,0	2,86	1,23	2,74	1,24	2,65	1,25	2,64	1,26	2,61	1,27	2,54	1,28
	-10,0	3,49	1,29	3,40	1,30	3,31	1,32	3,27	1,32	3,23	1,33	3,14	1,34
	-5,0	4,48	1,38	4,40	1,39	4,31	1,40	4,26	1,41	4,22	1,42	4,13	1,43
	0,0	5,54	1,46	5,39	1,48	5,30	1,49	5,26	1,50	5,22	1,51	5,13	1,52
	6,0	6,47	1,55	6,39	1,57	6,30	1,58	6,26	1,59	6,21	1,59	6,13	1,61
	10,0	7,04	1,60	6,96	1,62	6,87	1,63	6,83	1,64	6,78	1,64	6,70	1,66
	15,0	7,75	1,67	7,67	1,68	7,58	1,69	7,54	1,70	7,49	1,71	7,41	1,72

①	②	Indoor air temperature [°C DB] 16°C TC	16°C PI	18°C TC	18°C PI	20°C TC	20°C PI	21°C TC	21°C PI	22°C TC	22°C PI	24°C TC	24°C PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
3.5+3.5	-15,0	2,68	1,18	2,60	1,19	2,51	1,21	2,46	1,21	2,42	1,22	2,34	1,23
	-10,0	3,38	1,24	3,29	1,25	3,21	1,27	3,16	1,27	3,12	1,28	3,04	1,29
	-5,0	4,34	1,33	4,26	1,34	4,17	1,35	4,13	1,36	4,09	1,36	4,00	1,38
	0,0	5,30	1,41	5,22	1,42	5,14	1,44	5,09	1,44	5,05	1,45	4,97	1,46
	6,0	6,27	1,49	6,18	1,51	6,10	1,52	6,06	1,53	6,02	1,53	5,93	1,55
	10,0	6,82	1,54	6,74	1,55	6,65	1,57	6,61	1,57	6,57	1,58	6,48	1,59
	15,0	7,51	1,60	7,42	1,62	7,34	1,63	7,30	1,63	7,26	1,64	7,17	1,65
3.5+4.2	-15,0	2,78	1,21	2,70	1,22	2,61	1,24	2,56	1,24	2,52	1,25	2,44	1,26
	-10,0	3,48	1,27	3,39	1,28	3,31	1,30	3,26	1,30	3,22	1,31	3,14	1,32
	-5,0	4,44	1,36	4,36	1,37	4,27	1,38	4,23	1,39	4,19	1,39	4,10	1,41
	0,0	5,40	1,44	5,32	1,45	5,24	1,47	5,19	1,47	5,15	1,48	5,07	1,49
	6,0	6,37	1,52	6,28	1,54	6,20	1,55	6,16	1,56	6,12	1,56	6,03	1,58
	10,0	6,92	1,57	6,84	1,58	6,75	1,60	6,71	1,60	6,67	1,61	6,58	1,62
	15,0	7,61	1,63	7,52	1,65	7,44	1,66	7,40	1,66	7,36	1,67	7,27	1,68
3.5+5.0	-15,0	2,90	1,28	2,78	1,29	2,69	1,30	2,65	1,31	2,61	1,32	2,52	1,33
	-10,0	3,59	1,34	3,50	1,35	3,41	1,37	3,37	1,37	3,33	1,38	3,24	1,39
	-5,0	4,58	1,43	4,50	1,44	4,41	1,45	4,36	1,46	4,32	1,47	4,23	1,48
	0,0	5,58	1,51	5,49	1,53	5,40	1,54	5,36	1,55	5,32	1,56	5,23	1,57
	6,0	6,57	1,60	6,49	1,62	6,40	1,63	6,36	1,64	6,31	1,64	6,23	1,66
	10,0	7,14	1,65	7,06	1,67	6,97	1,68	6,93	1,69	6,88	1,69	6,80	1,71
	15,0	7,85	1,72	7,77	1,73	7,68	1,74	7,64	1,75	7,59	1,76	7,51	1,77
4.2+4.2	-15,0	2,88	1,24	2,80	1,25	2,71	1,27	2,66	1,27	2,62	1,28	2,54	1,29
	-10,0	3,58	1,30	3,49	1,31	3,41	1,33	3,36	1,33	3,32	1,34	3,24	1,35
	-5,0	4,54	1,39	4,46	1,40	4,37	1,41	4,33	1,42	4,29	1,42	4,20	1,44
	0,0	5,50	1,47	5,42	1,48	5,34	1,50	5,29	1,50	5,25	1,51	5,17	1,52
	6,0	6,47	1,55	6,38	1,57	6,30	1,58	6,26	1,59	6,22	1,59	6,13	1,61
	10,0	7,02	1,60	6,94	1,61	6,85	1,63	6,81	1,63	6,77	1,64	6,68	1,65
	15,0	7,71	1,66	7,62	1,68	7,54	1,69	7,50	1,69	7,46	1,70	7,37	1,71

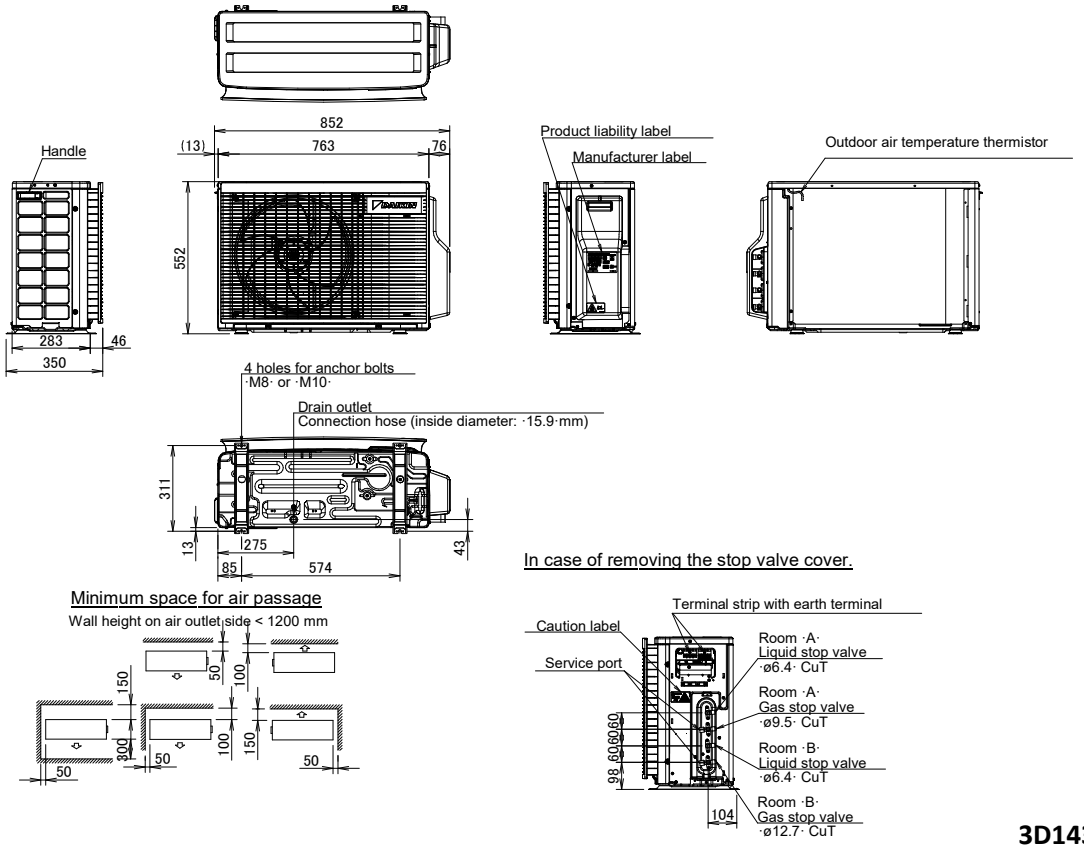
Symbols
TC: Total capacity [kW]
PI: Power input [kW]
① Indoor unit combinations
② Outdoor air temperature [°C WB]

4D140656

7 Dimensional drawings

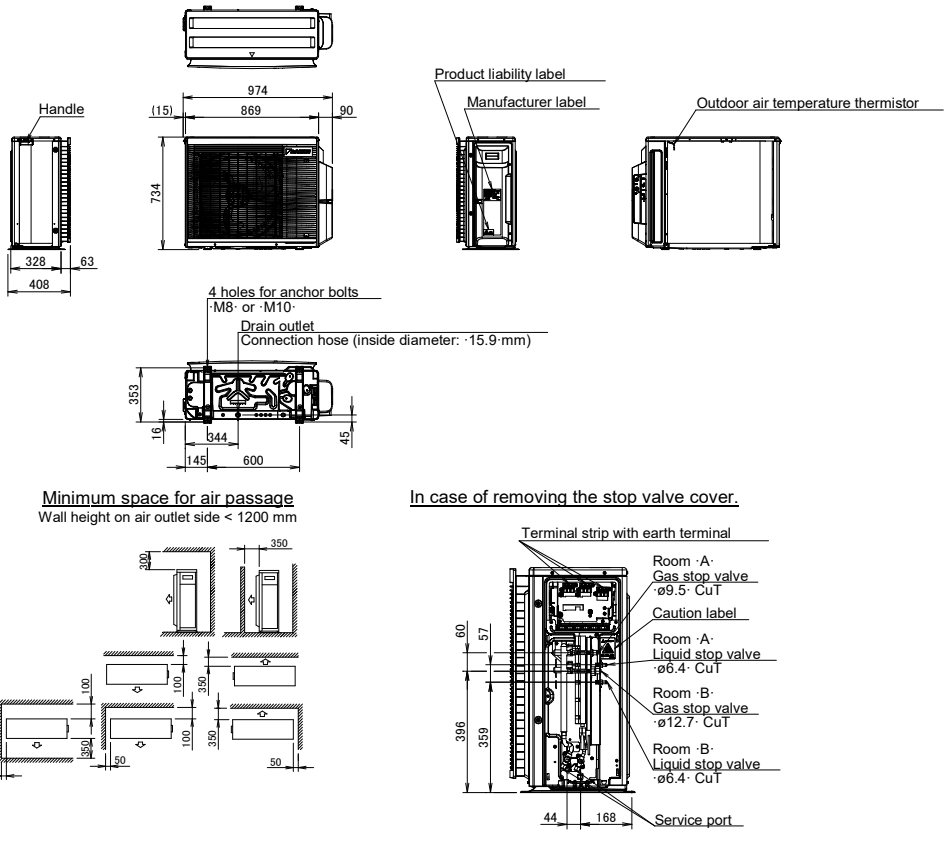
7 - 1 Dimensional Drawings

2MXM50A8



3D143686A

2MXM68A8

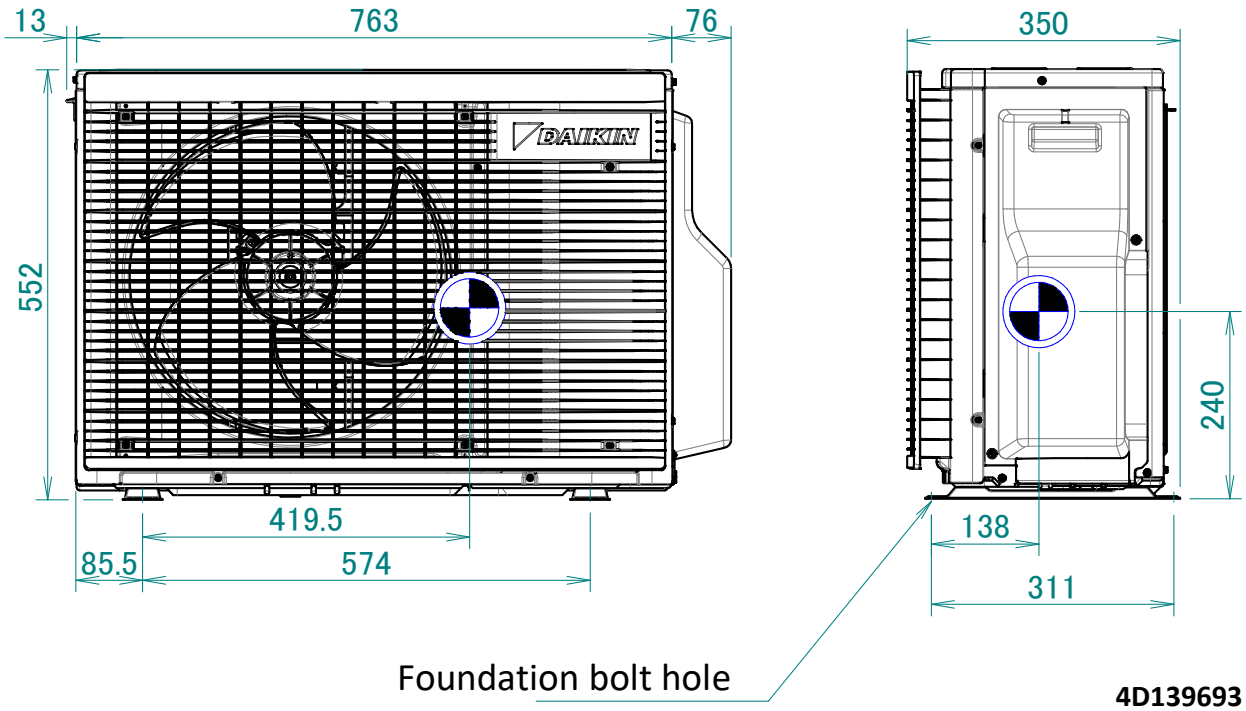


3D144277A

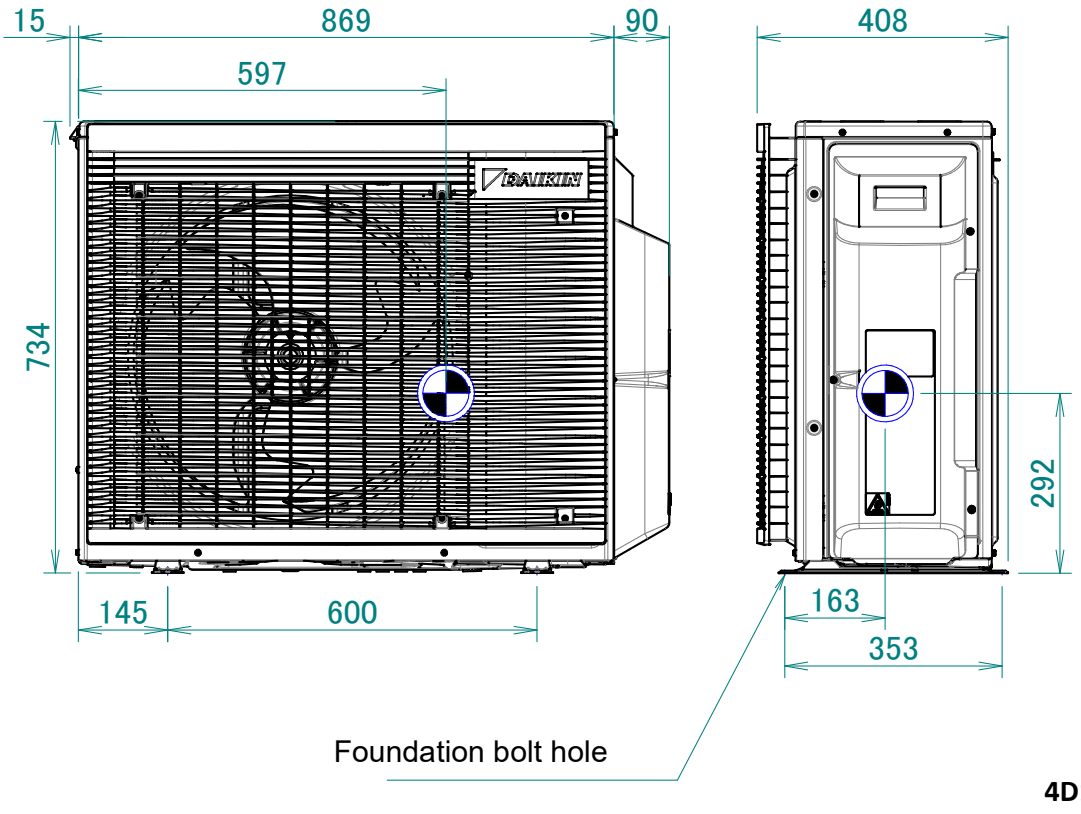
8 Centre of gravity

8 - 1 Centre of Gravity

2MXM50A8



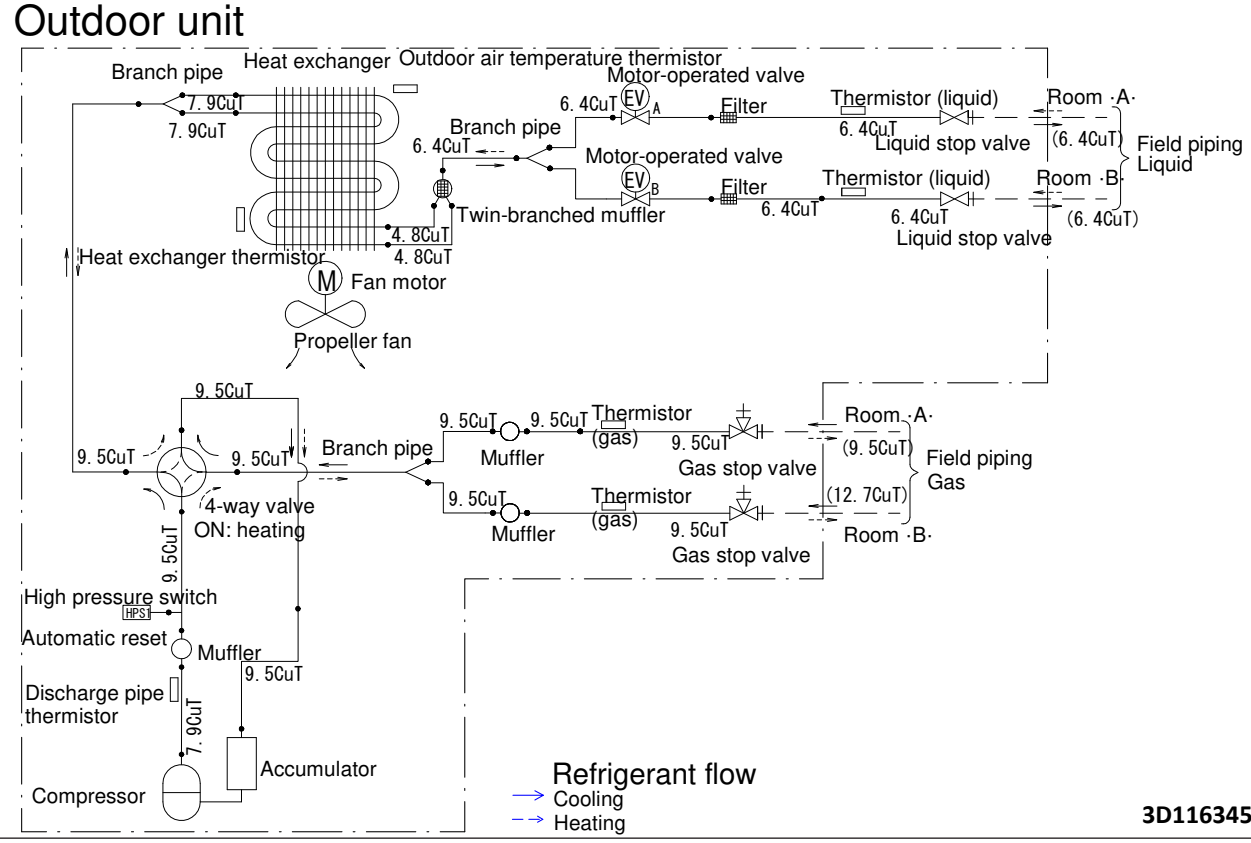
2MXM68A8



9 Piping diagrams

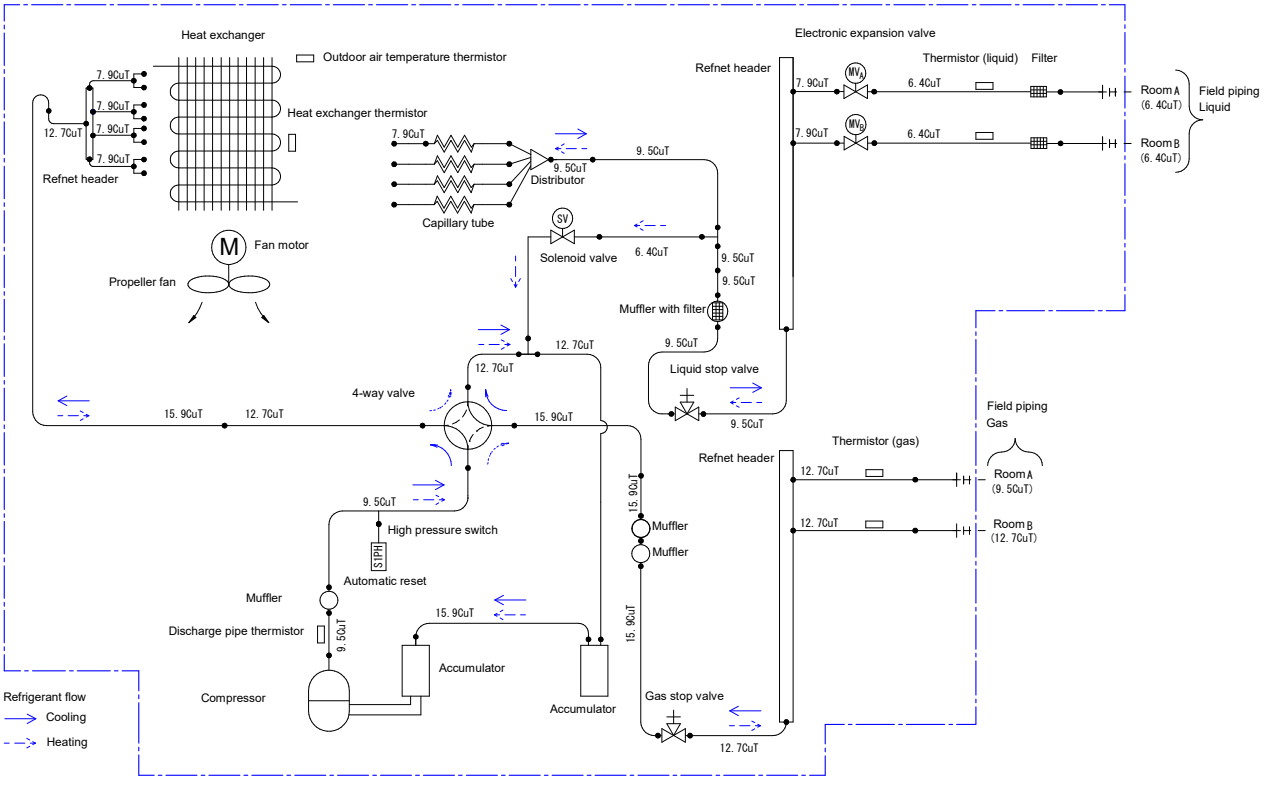
9 - 1 Piping Diagrams

2MXM50A8



3D116345

2MXM68A8

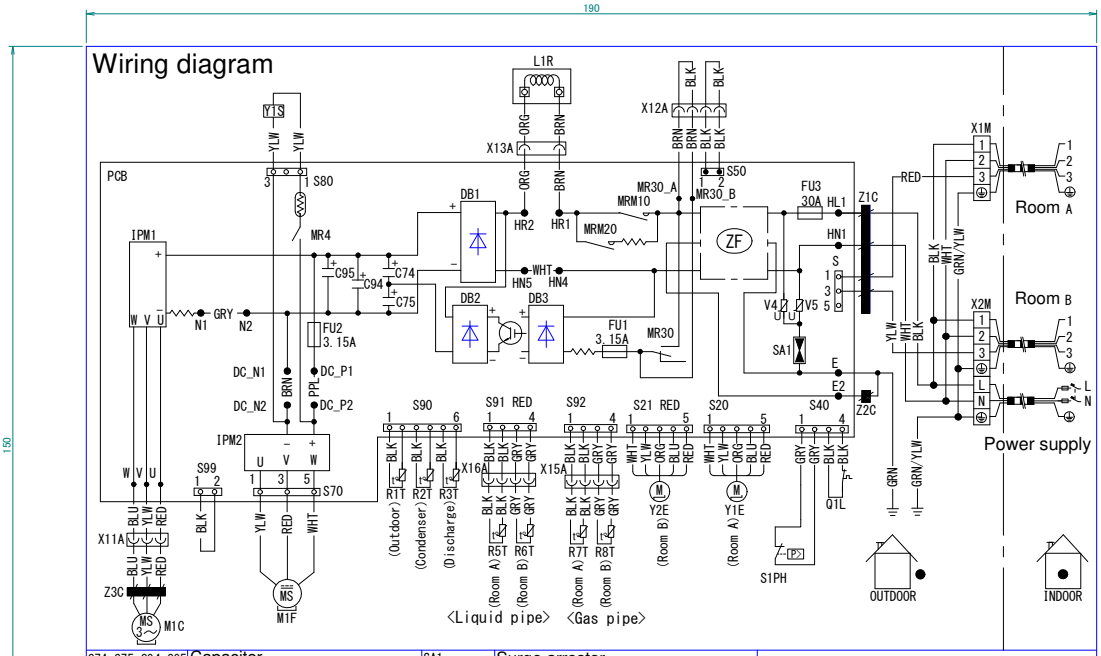


3D130564

10 Wiring diagrams

10 - 1 Wiring Diagrams - Single Phase

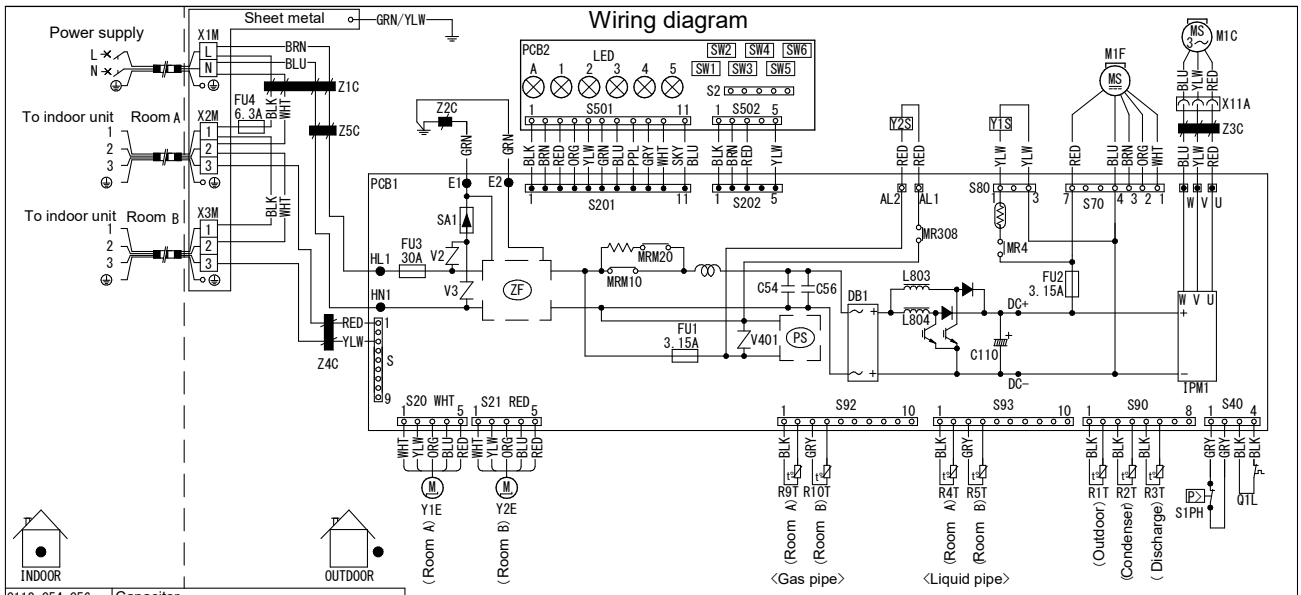
2MXM50A8



C74, C75, C94, C95	Capacitor	SA1	Surge arrestor		
DB1, DB2, DB3	Diode bridge	S1PH	High pressure switch		
FU1, FU2, FU3	Fuse	V4, V5	Varistor		
IPM1	Intelligent power module	X1M–X2M	Terminal strip with earth terminal	Field wiring	
L1R	Reactor	Y1E–Y2E	Electronic expansion valve coil	Screw terminal	
M1C	Compressor motor	Y1S	Reversing solenoid valve coil	Connector	
M1F	Fan motor	ZF	Noise filter	WHT: white	GRY: grey
MRM10, MRM20	Magnetic relay	Z1C–Z3C	Ferrite core	BLK: black	ORG: orange
MR4, MR30	Magnetic relay	S2–S502	Connector	BLU: blue	RED: red
PCB	Printed circuit board	X11A–X16A	Connector	BRN: brown	YLW: yellow
Q1L	Overload protector	S99	Heating-to-cooling changeover	GRN: green	
R1T–R8T	Thermistor			PPL: purple	

3D114690B

2MXM68A8



C110, C54, C56	Capacitor						
DB1	Diode bridge	Q1L	Overload protector	ZF	Noise filter		
FU1, FU2, FU3, FU4	Fuse	R1T–R10T	Thermistor	S, S2–S502	Connector		
IPM1	Intelligent power module	SA1	Surge arrester	U, V, W	Connector		
L803, L804	Reactor	S1PH	High pressure switch	X11A, AL1, AL2	Connector		
LED1–5, LEDA	Light-emitting diode	SW1–SW6	Switch	Field wiring			
M1C	Compressor motor	V2, V3, V401	Varistor	Screw terminal			
M1F	Fan motor	X1M–X3M	Terminal strip with earth terminal	Connector			
MRM10, MRM20	Magnetic relay	Y1E–Y2E	Electronic expansion valve coil	BLK: black	GRY: grey	SKY BLU: sky blue	
MR4, MR308	Magnetic relay	Y1S	Reversing solenoid valve coil	BLU: blue	ORG: orange	WHT: white	
PCB1, PCB2	Printed circuit board	Y2S	Solenoid valve	BRN: brown	PPL: purple	YLW: yellow	
PS	Switching power supply	Z1C–Z5C	Ferrite core	GRN: green	RED: red	3D130366-1A	

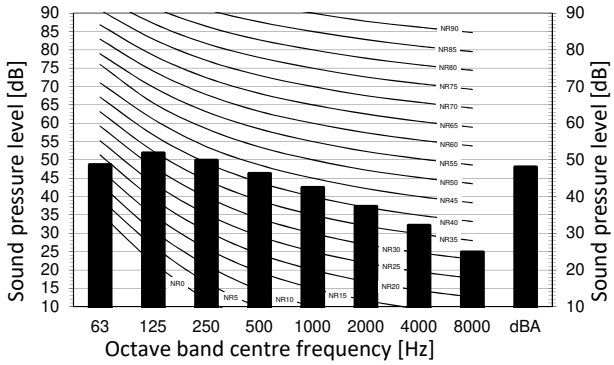
3D130366A

11 Sound data

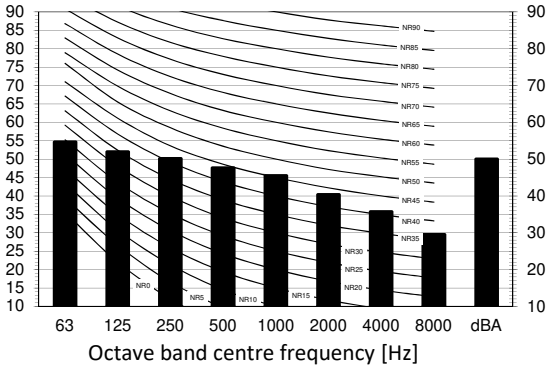
11 - 1 Sound Pressure Spectrum

2MXM50A8

Cooling mode



Heating mode



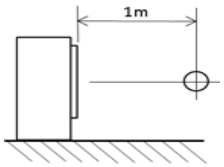
Legend

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

A Scale

B Fan speed: High

Location of microphone



Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	50

Notes

1 Background noise already taken into account.

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

3 Operating noise varies depending on operation and ambient conditions.

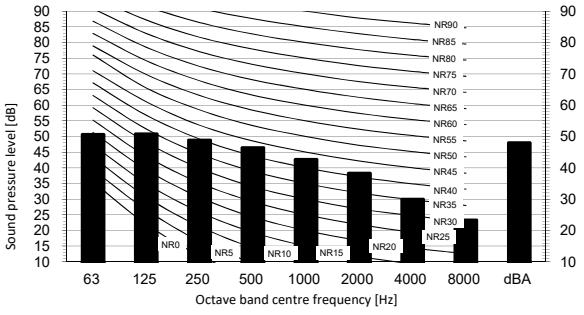
4 The operation noise measuring method is in accordance with JISC9612.

5 Measuring location: anechoic chamber

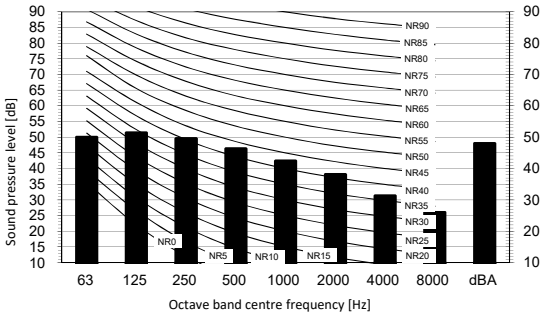
3D102208C

2MXM68A8
3MXM68A8

Cooling mode



Heating mode



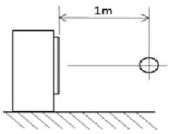
Legend

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

A Scale

B Fan speed: High

Location of microphone



Cooling Total dB

A	B
dBA	48

Heating Total dB

A	B
dBA	49

Notes

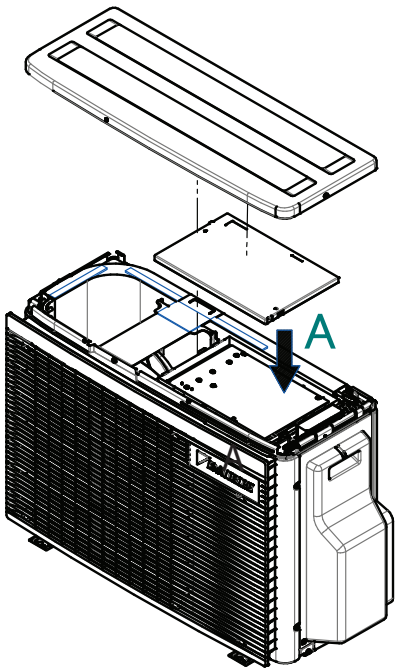
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions. The
4. operation noise measuring method is in accordance with JISC9612. Measuring
5. location: anechoic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

3D106223B

12 Low sound setting installation

12 - 1 Installation Method

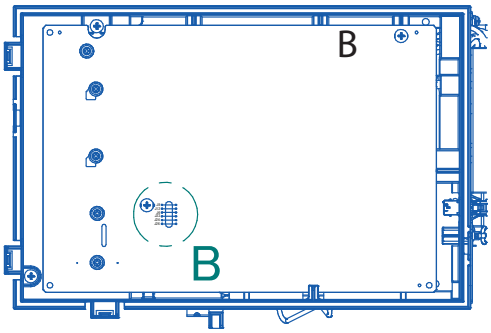
2MXM50A8



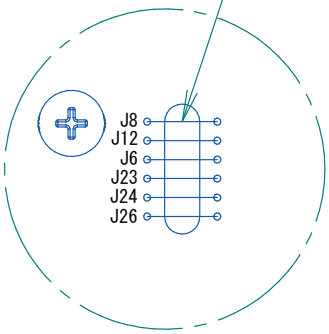
Disassembly of unit

Cut jumper J8 with pliers

(Cut parts shall not touch each other)
(Do not damage other jumpers)



Arrow view A
El. Compo. Assy



Detail B

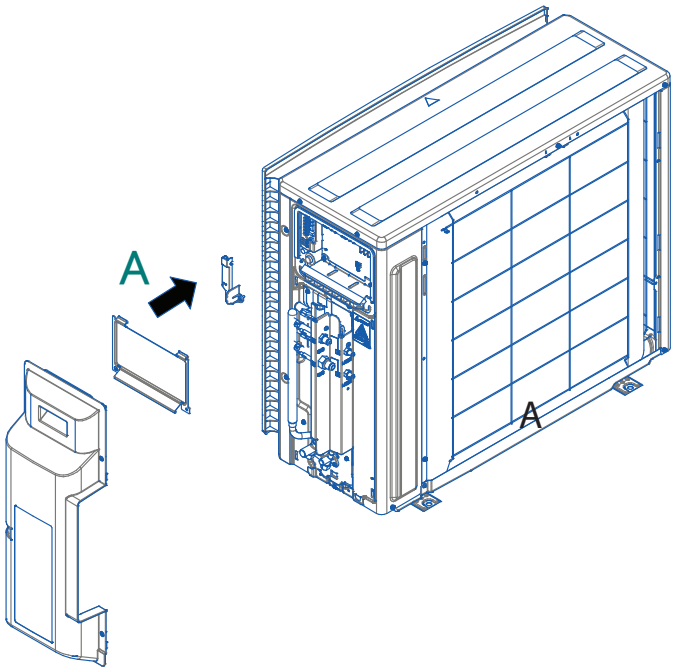
Detailed instruction can be found in the service manual

4D139688

12 Low sound setting installation

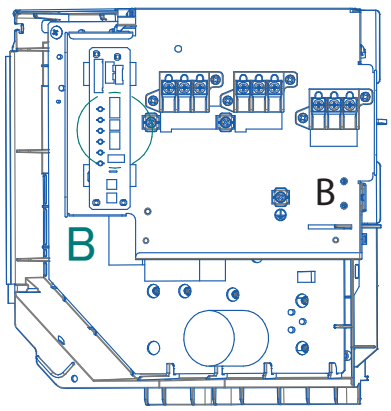
12 - 1 Installation Method

2MXM68A8

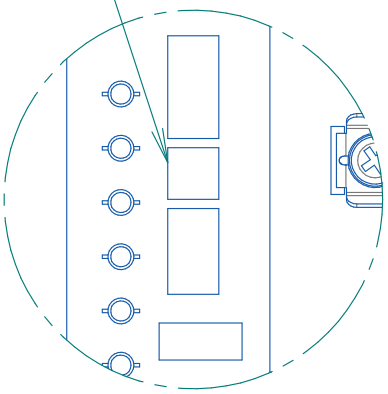


Disassembly of unit

Swich SW6-2 to "on" position



Arrow view A
El. Compo. Assy



Detail B

Detailed instruction can be found in the service manual

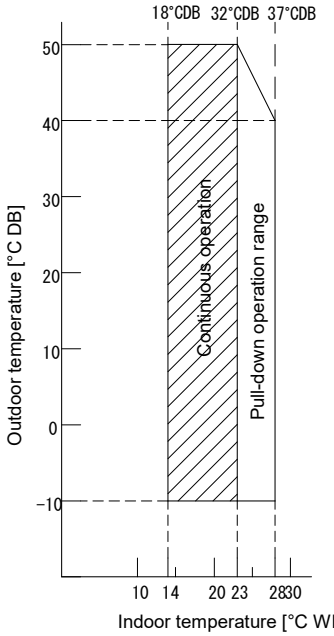
4D139893

13 Operation range

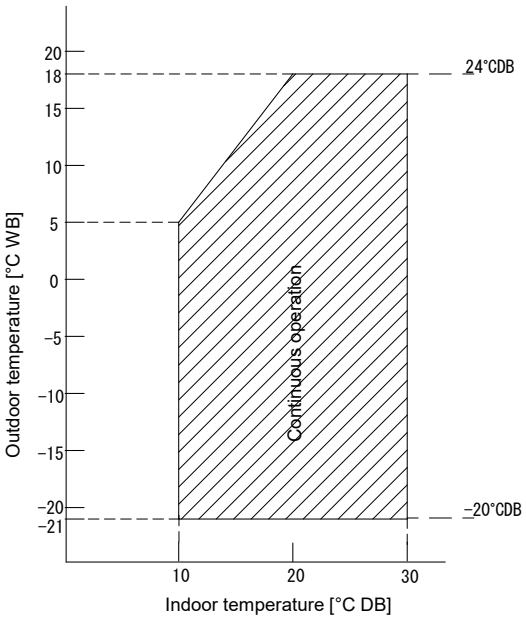
13 - 1 Operation Range

2MXM-A8
3MXM-A8
4MXM-A8
5MXM-A8

Cooling



Heating



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

3D159133

Daikin Europe N.V. Naamloze Vennootschap · Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Responsible Editor)

EEDEN25 08/2025