

Multi model application Air Conditioning Technical Data 3MXM-A8



3MXM40A2V1B8
3MXM52A2V1B8
3MXM68A2V1B8

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1 Features

1 - 1 3MXM-A8

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- › 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 3 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.
- › 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
- › Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- › Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency



INVERTER

Inverter

2 Specifications

2 - 1 Specifications

Technical specifications					3MXM40A8	3MXM52A8	3MXM68A8
Refrigerant	Charge	tCO ₂ Eq			1.22		1.35
Casing	Colour					Ivory white	
Dimensions	Unit	Height	mm			734	
		Width	mm			974	
		Depth	mm			408	
	Packed unit	Height	mm			820	
		Width	mm			1,050	
		Depth	mm			480	
Weight	Unit		kg		57		62
	Packed unit		kg		63		67
Heat exchanger	Length		mm			920	
	Rows	Quantity				2	
	Fin pitch		mm			1.40	
	Stages	Quantity				32	
	Passes	Quantity				6.40	
	Tube type					Hi-XA	
	Tube diameter		mm			8.0	
	Fin	Type				WHS8 FIN-HYDROPHILIC	
		Treatment				Anti-corrosion treatment	
	Type					Propeller fan	
Fan	Discharge direction					Horizontal	
	Quantity					1	
	Air flow rate	Cooling	High	m ³ /min	42.0		46.5
				cfm	1,483		1,642
			Medium	m ³ /min	42.0		42.5
				cfm	1,483		1,501
		Heating	Low	m ³ /min	24.0		24.1
				cfm	847		851
			High	m ³ /min	41.0		43.8
				cfm	1,447		1,547
			Medium	m ³ /min	41.0		43.8
				cfm	1,447		1,547
			Low	m ³ /min	24.0		16.1
				cfm	847		569
Fan motor	Quantity					1	
	Model					D55F-31	
Fan motor	Output			W		55	
	Speed	Cooling	High	rpm	700		760
			Medium	rpm		700	
			Low	rpm		420	
	Heating	High	High	rpm	680		720
			Low	rpm	420		300
			Medium	rpm	680		720
	Compressor						
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		63	
			Nom.	dBA	59		61
			Night quiet mode	dBA	58		59
			Tonal adjustment	dBA		0	
	Heating	Max		dBA		63	
			Nom.	dBA	59		61
			Night quiet mode	dBA	58		59
			Tonal adjustment	dBA		0	
Sound power level - Low sound mode (Stb. 2020, 189)	Cooling	Max.		dBA	62		61
			Night quiet mode	dBA	57		58
			Tonal adjustment	dBA		0	
			Max.	dBA	62		61
	Heating	Max.		dBA			
			Night quiet mode	dBA	57		58
			Tonal adjustment	dBA		0	
			Max.	dBA			
Sound pressure level	Cooling	Nom.		dBA	46		48
	Heating	Nom.		dBA	47		48

2 Specifications

2 - 1 Specifications

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Technical specifications				3MXM40A8	3MXM52A8	3MXM68A8
Refrigerant	Type	R-32				
	Charge	kg		1.80		2.00
	Charge	tCO ₂ Eq		1.22		1.35
	Control	Expansion valve				
Refrigerant	GWP	675				
Piping connections	Liquid	Quantity		3		
		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		2		
		OD	mm	12.7		
	Piping length	OU - IU	Min.	3 (1)		
			Max.	25 (1)		
		System	Chargeless	30		
	Additional refrigerant charge		kg/m	0.02 (for piping length exceeding 30m)		
	Level difference	IU - OU	Max.	15		
		IU - IU	Max.	7.5		
	Heat insulation			Both liquid and gas pipes		
	Total piping length	System	Actual	50 (2)		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;

Standard accessories: FTXJ42A2V1B5;Quantity: ;

Standard accessories: FVXM25B2V1B;Quantity: ;

Electrical specifications				3MXM40A8	3MXM52A8	3MXM68A8
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

2MXM68A8
3MXM-A8
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Outdoor unit	Power supply			·RA· indoor units (·10·% safety factor)		Other indoor units (·10·% safety factor)		Compressor		Outdoor fan motor	
				See note ·5·.							
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]

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4 Options

4 - 1 Options

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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.

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5 Combination table

5 - 1 Combination Table

3MXM40A8

Notes

- 1) The total capacity of each connected indoor unit is up to ·7.0·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· 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·.

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3MXM40A8

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·	Room ·C·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
3MXM40M2V1B 3MXM40M3V1B 3MXM40N2V1B 3MXM40N2V1B9 3MXM40N2V1B8 3MXM40N2V1B7 3MXM40A2V1B 3MXM40A2V1B9 3MXM40A2V1B8	1.5	1,50	-	-	1,40	1,50	2,20	0,32	0,35	0,46	1,52	1,63	2,20	91
	2.0	2,00	-	-	1,40	2,00	2,90	0,32	0,48	0,71	1,52	2,28	3,40	91
	2.5	2,50	-	-	1,40	2,50	3,10	0,32	0,64	0,82	1,52	3,05	3,90	91
	3.5	3,50	-	-	1,40	3,50	4,10	0,32	0,98	1,19	1,52	4,68	5,70	91
	1.5+1.5	1,50	1,50	-	1,60	3,00	4,20	0,34	0,59	1,14	1,63	2,82	5,44	91
	1.5+2.0	1,50	2,00	-	1,60	3,50	4,20	0,34	0,71	1,12	1,63	3,40	5,33	91
	1.5+2.5	1,50	2,50	-	1,60	4,00	4,20	0,34	0,86	1,10	1,63	4,11	5,33	91
	1.5+3.5	1,20	2,80	-	1,60	4,00	4,40	0,34	0,85	1,13	1,63	4,07	5,41	91
	2.0+2.0	2,00	2,00	-	1,60	4,00	4,50	0,34	0,84	1,09	1,63	4,02	5,22	91
	2.0+2.5	1,78	2,22	-	1,60	4,00	4,50	0,34	0,83	1,07	1,63	3,97	5,22	91
	2.0+3.5	1,45	2,55	-	1,60	4,00	4,50	0,34	0,83	1,03	1,63	3,97	5,22	91
	2.5+2.5	2,00	2,00	-	1,60	4,00	4,50	0,34	0,83	1,05	1,63	3,97	5,22	91
	2.5+3.5	1,67	2,33	-	1,60	4,00	4,60	0,34	0,82	1,03	1,63	3,92	4,93	91
	3.5+3.5	2,00	2,00	-	1,60	4,00	4,60	0,34	0,82	1,01	1,63	3,92	4,84	91
	1.5+1.5+1.5	1,33	1,33	1,33	1,70	4,00	4,60	0,36	0,78	0,98	1,74	3,73	4,68	91
	1.5+1.5+2.0	1,20	1,20	1,60	1,70	4,00	4,60	0,36	0,77	0,96	1,74	3,68	4,68	91
	1.5+1.5+2.5	1,09	1,09	1,82	1,70	4,00	4,60	0,36	0,77	0,94	1,74	3,68	4,68	91
	1.5+1.5+3.5	0,92	0,92	2,15	1,70	4,00	4,60	0,36	0,76	0,90	1,74	3,64	4,68	91
	1.5+2.0+2.0	1,09	1,45	1,45	1,70	4,00	4,60	0,36	0,77	0,92	1,74	3,68	4,68	91
	1.5+2.0+2.5	1,00	1,33	1,67	1,70	4,00	4,60	0,36	0,76	0,91	1,74	3,64	4,68	91
	1.5+2.0+3.5	0,86	1,14	2,00	1,70	4,00	4,60	0,36	0,76	0,89	1,74	3,64	4,68	91
	1.5+2.5+2.5	0,92	1,54	1,54	1,70	4,00	4,60	0,36	0,76	0,87	1,74	3,64	4,68	91
	2.0+2.0+2.0	1,33	1,33	1,33	1,70	4,00	4,60	0,36	0,76	0,85	1,74	3,64	4,68	91
	2.0+2.0+2.5	1,23	1,23	1,54	1,70	4,00	4,60	0,36	0,76	0,83	1,74	3,64	4,68	91
	2.0+2.5+2.5	1,14	1,43	1,43	1,70	4,00	4,60	0,36	0,75	0,81	1,74	3,59	4,68	91

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5 Combination table

5 - 1 Combination Table

3MXM40A8

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Notes

- 1) The total capacity of each connected indoor unit is up to ·7.0·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· 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·.

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3MXM40A8

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·	Room ·C·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
3MXM40M2V1B 3MXM40M3V1B 3MXM40N2V1B 3MXM40N2V1B9 3MXM40N2V1B8 3MXM40N2V1B7 3MXM40A2V1B 3MXM40A2V1B9 3MXM40A2V1B8	1.5	2,30	-	-	1,10	2,30	3,30	0,30	0,60	0,82	1,38	2,77	3,83	93
	2.0	2,70	-	-	1,10	2,70	3,70	0,30	0,76	1,23	1,38	3,51	5,75	93
	2.5	3,40	-	-	1,10	3,40	4,10	0,30	1,01	1,28	1,38	4,68	5,96	93
	3.5	4,20	-	-	1,10	4,20	4,80	0,30	1,42	1,71	1,38	6,60	7,98	93
	1.5+1.5	1,80	1,80	-	1,20	3,60	5,00	0,32	0,69	1,30	1,49	3,23	6,07	93
	1.5+2.0	1,63	2,17	-	1,20	3,80	5,00	0,32	0,73	1,28	1,49	3,41	5,96	93
	1.5+2.5	1,61	2,69	-	1,20	4,30	5,00	0,32	0,92	1,26	1,49	4,32	5,96	93
	1.5+3.5	1,38	3,22	-	1,20	4,60	5,00	0,32	0,98	1,22	1,49	4,59	5,96	93
	2.0+2.0	2,30	2,30	-	1,20	4,60	5,00	0,32	0,97	1,25	1,49	4,54	5,85	93
	2.0+2.5	2,04	2,56	-	1,20	4,60	5,00	0,32	0,98	1,23	1,49	4,59	5,85	93
	2.0+3.5	1,67	2,93	-	1,20	4,60	5,00	0,32	0,97	1,19	1,49	4,54	5,85	93
	2.5+2.5	2,30	2,30	-	1,20	4,60	5,00	0,32	0,96	1,21	1,49	4,49	5,85	93
	2.5+3.5	1,92	2,68	-	1,20	4,60	5,00	0,32	0,95	1,17	1,49	4,45	5,85	93
	3.5+3.5	2,30	2,30	-	1,20	4,60	5,00	0,32	0,94	1,15	1,49	4,40	5,75	93
	1.5+1.5+1.5	1,53	1,53	1,53	1,30	4,60	5,10	0,32	0,89	1,02	1,49	4,17	4,79	93
	1.5+1.5+2.0	1,38	1,38	1,84	1,30	4,60	5,10	0,32	0,89	1,01	1,49	4,17	4,72	93
	1.5+1.5+2.5	1,25	1,25	2,09	1,30	4,60	5,10	0,32	0,89	0,99	1,49	4,17	4,63	93
	1.5+1.5+3.5	1,06	1,06	2,48	1,30	4,60	5,10	0,32	0,88	0,97	1,49	4,12	4,53	93
	1.5+2.0+2.0	1,25	1,67	1,67	1,30	4,60	5,10	0,32	0,88	0,95	1,49	4,12	4,44	93
	1.5+2.0+2.5	1,15	1,53	1,92	1,30	4,60	5,10	0,32	0,87	0,93	1,49	4,07	4,35	93
	1.5+2.0+3.5	0,99	1,31	2,30	1,30	4,60	5,10	0,32	0,87	0,91	1,49	4,07	4,25	93
	1.5+2.5+2.5	1,06	1,77	1,77	1,30	4,60	5,10	0,32	0,88	0,87	1,49	4,12	4,07	93
	2.0+2.0+2.0	1,53	1,53	1,53	1,30	4,60	5,10	0,32	0,87	0,89	1,49	4,07	4,16	93
	2.0+2.0+2.5	1,42	1,42	1,77	1,30	4,60	5,10	0,32	0,87	0,86	1,49	4,07	4,02	93
	2.0+2.5+2.5	1,31	1,64	1,64	1,30	4,60	5,10	0,32	0,86	0,84	1,49	4,03	3,93	93

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5 Combination table

5 - 1 Combination Table

3MXM52A8

Notes

- 1) The total capacity of each connected indoor unit is up to ·9.0·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·.

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5 Combination table

5 - 1 Combination Table

3MXM52A8

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·	Room · C·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
3MXM52N2V1B 3MXM52N2V1B8 3MXM52N2V1B7 3MXM52A2V1B 3MXM52A2V1B9 3MXM52A2V1B8	1.5	1,50	-	-	1,40	1,50	2,40	0,34	0,36	0,63	1,50	1,62	2,86	96
	2.0	2,00	-	-	1,60	2,00	3,00	0,36	0,48	0,78	1,60	2,17	3,51	96
	2.5	2,50	-	-	1,60	2,50	3,20	0,36	0,64	0,87	1,62	2,89	3,92	96
	3.5	3,50	-	-	1,60	3,50	4,20	0,37	0,98	1,30	1,63	4,43	5,88	96
	4.2	4,20	-	-	1,60	4,20	4,80	0,37	1,21	1,55	1,63	5,47	7,04	96
	5.0	5,00	-	-	1,60	5,00	5,40	0,35	1,76	2,03	1,55	7,94	9,18	96
	1.5+1.5	1,50	1,50	-	1,70	3,00	4,70	0,35	0,55	1,32	1,55	2,50	5,98	96
	1.5+2.0	1,50	2,00	-	1,70	3,50	4,70	0,35	0,66	1,30	1,55	2,99	5,88	96
	1.5+2.5	1,50	2,50	-	1,70	4,00	5,00	0,35	0,78	1,92	1,55	3,54	8,66	96
	1.5+3.5	1,50	3,50	-	1,70	5,00	6,00	0,35	1,06	2,17	1,55	4,81	9,80	96
	1.5+4.2	1,37	3,83	-	1,70	5,20	6,10	0,35	1,10	2,26	1,55	4,99	10,21	96
	1.5+5.0	1,20	4,00	-	1,80	5,20	6,30	0,37	1,10	2,28	1,68	4,99	10,31	96
	2.0+2.0	2,00	2,00	-	1,80	4,00	5,10	0,37	0,85	1,91	1,68	3,85	8,66	96
	2.0+2.5	2,00	2,50	-	1,80	4,50	5,30	0,37	0,95	1,89	1,68	4,31	8,56	96
	2.0+3.5	1,89	3,31	-	1,80	5,20	6,30	0,37	1,10	2,30	1,68	4,99	10,38	96
	2.0+4.2	1,68	3,52	-	1,80	5,20	6,30	0,37	1,09	2,25	1,68	4,94	10,18	96
	2.0+5.0	1,49	3,71	-	1,80	5,20	6,50	0,37	1,09	2,19	1,68	4,94	9,89	96
	2.5+2.5	2,50	2,50	-	1,80	5,00	6,00	0,37	1,04	2,23	1,68	4,72	10,09	96
	2.5+3.5	2,17	3,03	-	1,80	5,20	6,10	0,37	1,09	2,21	1,68	4,94	10,00	96
	2.5+4.2	1,94	3,26	-	1,80	5,20	6,40	0,37	1,09	2,30	1,68	4,94	10,41	96
	2.5+5.0	1,73	3,47	-	1,80	5,20	6,50	0,37	1,06	2,14	1,68	4,81	9,68	96
	3.5+3.5	2,60	2,60	-	1,80	5,20	6,40	0,37	1,08	2,28	1,68	4,90	10,31	96
	3.5+4.2	2,36	2,84	-	1,80	5,20	6,40	0,37	1,08	2,26	1,68	4,90	10,21	96
	3.5+5.0	2,14	3,06	-	1,80	5,20	6,60	0,37	1,06	2,19	1,68	4,81	9,89	96
	4.2+4.2	2,60	2,60	-	1,80	5,20	6,50	0,37	1,07	2,24	1,68	4,85	10,11	96
	1.5+1.5+1.5	1,50	1,50	1,50	1,80	4,50	6,40	0,37	0,90	2,18	1,65	4,08	9,86	96
	1.5+1.5+2.0	1,44	1,44	1,92	1,80	4,80	6,40	0,37	1,02	2,16	1,65	4,61	9,78	96
	1.5+1.5+2.5	1,42	1,42	2,36	1,80	5,20	6,70	0,37	1,09	2,23	1,65	4,94	10,10	96
	1.5+1.5+3.5	1,20	1,20	2,80	1,90	5,20	6,80	0,37	1,09	2,28	1,65	4,94	10,30	96
	1.5+1.5+4.2	1,08	1,08	3,03	1,90	5,20	6,80	0,37	1,08	2,26	1,65	4,90	10,20	96
	1.5+1.5+5.0	0,98	0,98	3,25	1,90	5,20	7,10	0,33	1,05	2,17	1,51	4,76	9,80	96
	1.5+2.0+2.0	1,42	1,89	1,89	1,80	5,20	6,45	0,37	1,10	2,13	1,65	4,99	9,64	96
	1.5+2.0+2.5	1,30	1,73	2,17	1,80	5,20	6,70	0,37	1,09	2,19	1,65	4,94	9,90	96
	1.5+2.0+3.5	1,11	1,49	2,60	1,90	5,20	6,80	0,37	1,08	2,23	1,65	4,90	10,10	96
	1.5+2.0+4.2	1,01	1,35	2,84	1,90	5,20	6,80	0,37	1,08	2,19	1,65	4,90	9,90	96
	1.5+2.0+5.0	0,92	1,22	3,06	1,90	5,20	7,20	0,33	1,04	2,15	1,51	4,72	9,70	96
	1.5+2.5+2.5	1,20	2,00	2,00	1,80	5,20	6,70	0,37	1,09	2,17	1,65	4,94	9,80	96
	1.5+2.5+3.5	1,04	1,73	2,43	1,90	5,20	6,80	0,37	1,08	2,21	1,65	4,90	10,00	96
	1.5+2.5+4.2	0,95	1,59	2,66	1,90	5,20	6,80	0,37	1,07	2,19	1,65	4,85	9,90	96
	1.5+2.5+5.0	0,87	1,44	2,89	1,90	5,20	7,30	0,33	1,04	2,17	1,51	4,72	9,80	96
	1.5+3.5+3.5	0,92	2,14	2,14	1,80	5,20	7,30	0,37	1,07	2,15	1,65	4,85	9,70	96
	2.0+2.0+2.0	1,73	1,73	1,73	1,80	5,20	6,50	0,37	1,07	2,06	1,65	4,85	9,34	96
	2.0+2.0+2.5	1,60	1,60	2,00	1,80	5,20	7,00	0,37	1,06	2,21	1,65	4,81	10,00	96
	2.0+2.0+3.5	1,39	1,39	2,43	1,90	5,20	7,20	0,39	1,05	2,17	1,75	4,76	9,80	96
	2.0+2.0+4.2	1,27	1,27	2,66	1,90	5,20	7,20	0,39	1,04	2,15	1,75	4,72	9,70	96
	2.0+2.0+5.0	1,16	1,16	2,89	1,90	5,20	7,30	0,35	1,03	2,19	1,59	4,67	9,91	96
	2.0+2.5+2.5	1,49	1,86	1,86	1,80	5,20	7,10	0,39	1,05	2,12	1,75	4,76	9,60	96
	2.0+2.5+3.5	1,30	1,63	2,28	1,90	5,20	7,20	0,39	1,04	2,15	1,75	4,72	9,70	96
	2.0+2.5+4.2	1,20	1,49	2,51	1,90	5,20	7,20	0,39	1,04	2,14	1,75	4,72	9,65	96
	2.0+3.5+3.5	1,16	2,02	2,02	1,90	5,20	7,30	0,39	1,04	2,15	1,75	4,72	9,70	96
	2.5+2.5+2.5	1,73	1,73	1,73	1,90	5,20	7,10	0,39	1,04	2,19	1,75	4,72	9,90	96
	2.5+2.5+3.5	1,53	1,53	2,14	1,90	5,20	7,20	0,39	1,04	2,16	1,75	4,72	9,75	96

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5 Combination table

5 - 1 Combination Table

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Notes

- 1) The total capacity of each connected indoor unit is up to ·9.0·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·.

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5 Combination table

5 - 1 Combination Table

3MXM52A8

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-	Room -C-	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
3MXM52N2V1B 3MXM52N2V1B9 3MXM52N2V1B7 3MXM52A2V1B 3MXM52A2V1B9 3MXM52A2V1B8	1.5	2,30	-	-	1,10	2,30	3,40	0,30	0,57	1,09	1,34	2,55	4,94	96
	2.0	3,00	-	-	1,10	3,00	3,80	0,30	0,84	1,27	1,34	3,82	5,75	96
	2.5	3,40	-	-	1,10	3,40	4,20	0,30	1,01	1,36	1,34	4,54	6,16	96
	3.5	4,20	-	-	1,10	4,20	4,80	0,30	1,42	1,74	1,34	6,39	7,88	96
	4.2	4,80	-	-	1,10	4,80	5,60	0,30	1,62	2,03	1,34	7,32	9,18	96
	5.0	5,80	-	-	1,20	5,80	6,80	0,33	2,17	2,58	1,48	9,80	11,68	96
	1.5+1.5	1,80	1,80	-	1,20	3,60	5,80	0,32	0,67	1,62	1,44	3,04	7,34	96
	1.5+2.0	1,71	2,29	-	1,20	4,00	5,80	0,32	0,77	1,60	1,44	3,49	7,25	96
	1.5+2.5	1,73	2,88	-	1,20	4,60	6,90	0,32	0,93	2,06	1,44	4,21	9,33	96
	1.5+3.5	1,65	3,85	-	1,20	5,50	7,00	0,32	1,22	2,25	1,44	5,53	10,19	96
	1.5+4.2	1,58	4,42	-	1,20	6,00	7,00	0,32	1,42	2,23	1,44	6,44	10,10	96
	1.5+5.0	1,57	5,23	-	1,30	6,80	7,20	0,32	1,58	2,30	1,44	7,16	10,42	96
	2.0+2.0	2,38	2,38	-	1,20	4,75	7,00	0,32	1,11	2,26	1,44	5,03	10,24	96
	2.0+2.5	2,31	2,89	-	1,20	5,20	7,00	0,32	1,21	2,25	1,44	5,47	10,19	96
	2.0+3.5	2,33	4,07	-	1,20	6,40	7,10	0,32	1,48	2,26	1,44	6,69	10,24	96
	2.0+4.2	2,19	4,61	-	1,20	6,80	7,10	0,32	1,56	2,24	1,44	7,07	10,14	96
	2.0+5.0	1,94	4,86	-	1,40	6,80	7,20	0,32	1,53	2,28	1,44	6,93	10,32	96
	2.5+2.5	2,90	2,90	-	1,20	5,80	7,00	0,32	1,31	2,23	1,44	5,91	10,10	96
	2.5+3.5	2,83	3,97	-	1,30	6,80	7,20	0,32	1,53	2,35	1,44	6,93	10,64	96
	2.5+4.2	2,54	4,26	-	1,30	6,80	7,20	0,32	1,52	2,33	1,44	6,89	10,55	96
	2.5+5.0	2,27	4,53	-	1,40	6,80	7,40	0,32	1,50	2,33	1,44	6,80	10,52	96
	3.5+3.5	3,40	3,40	-	1,40	6,80	7,30	0,32	1,52	2,38	1,44	6,89	10,78	96
	3.5+4.2	3,09	3,71	-	1,40	6,80	7,30	0,32	1,51	2,36	1,44	6,84	10,69	96
	3.5+5.0	2,80	4,00	-	1,45	6,80	7,50	0,32	1,50	2,30	1,44	6,80	10,42	96
	4.2+4.2	3,40	3,40	-	1,40	6,80	7,30	0,32	1,50	2,35	1,44	6,80	10,62	96
	1.5+1.5+1.5	1,83	1,83	1,83	1,30	5,50	8,00	0,32	1,13	2,12	1,44	5,13	9,60	96
	1.5+1.5+2.0	1,83	1,83	2,44	1,30	6,10	8,00	0,32	1,26	2,10	1,44	5,69	9,51	96
	1.5+1.5+2.5	1,83	1,83	3,05	1,30	6,70	8,00	0,32	1,37	2,08	1,44	6,20	9,42	96
	1.5+1.5+3.5	1,85	1,85	4,31	1,40	8,00	8,10	0,32	1,62	2,13	1,44	7,35	9,65	96
	1.5+1.5+4.2	1,42	1,42	3,97	1,40	6,80	8,10	0,32	1,38	2,11	1,44	6,25	9,56	96
	1.5+1.5+5.0	1,28	1,28	4,25	1,60	6,80	8,30	0,32	1,32	2,09	1,44	5,98	9,47	96
	1.5+2.0+2.0	1,83	2,44	2,44	1,30	6,70	8,00	0,32	1,37	2,14	1,44	6,20	9,69	96
	1.5+2.0+2.5	1,70	2,27	2,83	1,30	6,80	8,00	0,32	1,38	2,12	1,44	6,25	9,60	96
	1.5+2.0+3.5	1,46	1,94	3,40	1,40	6,80	8,10	0,32	1,37	2,16	1,44	6,21	9,78	96
	1.5+2.0+4.2	1,32	1,77	3,71	1,40	6,80	8,10	0,32	1,36	2,14	1,44	6,16	9,69	96
	1.5+2.0+5.0	1,20	1,60	4,00	1,60	6,80	8,30	0,32	1,31	2,07	1,44	5,94	9,38	96
	1.5+2.5+2.5	1,57	2,62	2,62	1,30	6,80	8,00	0,32	1,38	2,12	1,44	6,25	9,60	96
	1.5+2.5+3.5	1,36	2,27	3,17	1,40	6,80	8,10	0,32	1,37	2,13	1,44	6,21	9,65	96
	1.5+2.5+4.2	1,24	2,07	3,48	1,40	6,80	8,10	0,32	1,36	2,11	1,44	6,16	9,56	96
	1.5+2.5+5.0	1,13	1,89	3,78	1,60	6,80	8,30	0,32	1,30	2,09	1,44	5,89	9,47	96
	1.5+3.5+3.5	1,20	2,80	2,80	1,30	6,80	8,20	0,32	1,36	2,14	1,44	6,16	9,69	96
	2.0+2.0+2.0	2,27	2,27	2,27	1,30	6,80	8,00	0,32	1,39	2,13	1,44	6,30	9,65	96
	2.0+2.0+2.5	2,09	2,09	2,62	1,30	6,80	8,00	0,32	1,38	2,11	1,44	6,25	9,56	96
	2.0+2.0+3.5	1,81	1,81	3,17	1,40	6,80	8,10	0,32	1,37	2,12	1,44	6,21	9,60	96
	2.0+2.0+4.2	1,66	1,66	3,48	1,40	6,80	8,10	0,32	1,36	2,10	1,44	6,16	9,51	96
	2.0+2.0+5.0	1,51	1,51	3,78	1,60	6,80	8,30	0,32	1,29	2,08	1,44	5,85	9,42	96
	2.0+2.5+2.5	1,94	2,43	2,43	1,30	6,80	8,00	0,32	1,37	2,09	1,44	6,21	9,47	96
	2.0+2.5+3.5	1,70	2,13	2,98	1,50	6,80	8,10	0,32	1,36	2,11	1,44	6,16	9,56	96
	2.0+2.5+4.2	1,56	1,95	3,28	1,50	6,80	8,10	0,32	1,35	2,11	1,44	6,12	9,56	96
	2.0+3.5+3.5	1,51	2,64	2,64	1,50	6,80	8,20	0,32	1,35	2,15	1,44	6,12	9,74	96
	2.5+2.5+2.5	2,27	2,27	2,27	1,40	6,80	8,00	0,32	1,36	2,07	1,44	6,16	9,38	96
	2.5+2.5+3.5	2,00	2,00	2,80	1,50	6,80	8,10	0,32	1,35	2,09	1,44	6,12	9,47	96

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5 Combination table

5 - 1 Combination Table

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Notes

- 1) The total capacity of each connected indoor unit is up to ·11.0·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
- 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·.

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5 Combination table

5 - 1 Combination Table

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3MXM68A8 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-	Room -C-	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
3MXM68N2V1B 3MXM68N2V1B9 3MXM68A2V1B 3MXM68A2V1B9 3MXM68A2V1B8	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
	3.5+6.0	2.51	4.29	-	2.26	6.80	8.07	0.40	1.40	2.72	1.81	6.41	12.46	95
	4.2+4.2	3.40	3.40	-	1.95	6.80	7.14	0.38	1.44	2.37	1.73	6.60	10.83	95
	4.2+5.0	3.10	3.70	-	1.95	6.80	7.77	0.35	1.41	2.78	1.60	6.46	12.71	95
	4.2+6.0	2.80	4.00	-	2.26	6.80	8.08	0.40	1.40	2.72	1.81	6.41	12.46	95
	5.0+5.0	3.40	3.40	-	2.34	6.80	8.22	0.43	1.38	2.98	1.98	6.32	13.65	95
	5.0+6.0	3.09	3.71	-	2.47	6.80	8.45	0.44	1.37	2.92	2.02	6.28	13.36	95
	1.5+1.5+1.5	1.50	1.50	1.50	1.96	4.50	6.40	0.39	0.61	1.57	1.77	2.80	7.17	95
	1.5+1.5+2.0	1.44	1.44	1.92	1.96	4.80	6.56	0.39	0.70	1.65	1.77	3.21	7.54	95
	1.5+1.5+2.5	1.42	1.42	2.36	1.96	5.20	6.72	0.39	0.83	1.73	1.77	3.81	7.90	95
	1.5+1.5+3.5	1.50	1.50	3.50	1.96	6.50	7.11	0.38	1.56	1.92	1.73	7.14	8.80	95
	1.5+1.5+4.2	1.42	1.42	3.97	1.96	6.80	7.33	0.38	1.80	2.05	1.73	8.24	9.37	95
	1.5+1.5+5.0	1.28	1.28	4.25	1.96	6.80	7.74	0.36	1.75	2.22	1.64	8.01	10.14	95
	1.5+1.5+6.0	1.13	1.13	4.53	2.31	6.80	7.99	0.40	1.73	2.17	1.85	7.92	9.94	95
	1.5+2.0+2.0	1.50	2.00	2.00	1.96	5.50	6.48	0.39	1.01	1.61	1.77	4.63	7.37	95
	1.5+2.0+2.5	1.50	2.00	2.50	1.96	6.00	6.87	0.39	1.32	1.81	1.77	6.05	8.26	95
	1.5+2.0+3.5	1.46	1.94	3.40	1.96	6.80	7.25	0.38	1.80	2.01	1.73	8.24	9.21	95
	1.5+2.0+4.2	1.32	1.77	3.71	1.96	6.80	7.47	0.38	1.79	2.14	1.73	8.20	9.78	95
	1.5+2.0+5.0	1.20	1.60	4.00	1.96	6.80	7.87	0.36	1.74	2.31	1.64	7.97	10.55	95
	1.5+2.0+6.0	1.07	1.43	4.29	2.31	6.80	8.13	0.40	1.72	2.26	1.85	7.88	10.35	95
	1.5+2.5+2.5	1.50	2.50	2.50	1.96	6.50	7.10	0.38	1.63	1.92	1.73	7.46	8.80	95
	1.5+2.5+3.5	1.36	2.27	3.17	1.96	6.80	7.60	0.36	1.79	2.23	1.64	8.20	10.18	95
	1.5+2.5+4.2	1.24	2.07	3.48	1.96	6.80	7.81	0.36	1.78	2.35	1.64	8.15	10.75	95
	1.5+2.5+5.0	1.13	1.89	3.78	1.96	6.80	7.95	0.36	1.74	2.35	1.64	7.97	10.75	95
	1.5+2.5+6.0	1.02	1.70	4.08	2.31	6.80	8.42	0.41	1.71	2.44	1.89	7.83	11.16	95
	1.5+3.5+3.5	1.20	2.80	2.80	1.96	6.80	7.94	0.37	1.77	2.45	1.68	8.11	11.20	95
	1.5+3.5+4.2	1.11	2.59	3.10	1.96	6.80	8.13	0.37	1.76	2.58	1.68	8.06	11.81	95
	1.5+3.5+5.0	1.02	2.38	3.40	1.96	6.80	8.46	0.33	1.72	2.72	1.52	7.88	12.46	95
	1.5+3.5+6.0	0.93	2.16	3.71	2.31	6.80	8.56	0.41	1.70	2.53	1.89	7.79	11.57	95
	1.5+4.2+4.2	1.03	2.88	2.88	1.96	6.80	8.26	0.37	1.75	2.68	1.68	8.01	12.26	95
	1.5+4.2+5.0	0.95	2.67	3.18	1.96	6.80	8.53	0.33	1.71	2.77	1.52	7.83	12.67	95
	2.0+2.0+2.0	2.00	2.00	2.00	1.96	6.00	6.64	0.39	1.34	1.68	1.77	6.14	7.70	95
	2.0+2.0+2.5	2.00	2.00	2.50	1.96	6.50	7.03	0.39	1.63	1.89	1.77	7.46	8.64	95
	2.0+2.0+3.5	1.81	1.81	3.17	1.96	6.80	7.40	0.38	1.79	2.09	1.73	8.20	9.57	95
	2.0+2.0+4.2	1.66	1.66	3.48	1.96	6.80	7.61	0.38	1.78	2.23	1.73	8.15	10.18	95
	2.0+2.0+5.0	1.51	1.51	3.78	1.96	6.80	8.01	0.36	1.74	2.39	1.64	7.97	10.96	95
	2.0+2.0+6.0	1.36	1.36	4.08	2.31	6.80	8.27	0.40	1.71	2.35	1.85	7.83	10.75	95
	2.0+2.5+2.5	1.94	2.43	2.43	1.96	6.80	7.24	0.38	1.77	2.01	1.73	8.11	9.21	95
	2.0+2.5+3.5	1.70	2.13	2.98	1.96	6.80	7.74	0.36	1.76	2.31	1.64	8.06	10.55	95
	2.0+2.5+4.2	1.56	1.95	3.28	1.96	6.80	7.94	0.36	1.75	2.45	1.64	8.01	11.20	95
	2.0+2.5+5.0	1.43	1.79	3.58	1.96	6.80	8.08	0.36	1.71	2.44	1.64	7.83	11.16	95
	2.0+2.5+6.0	1.30	1.62	3.89	2.31	6.80	8.55	0.41	1.69	2.53	1.89	7.74	11.57	95
	2.0+3.5+3.5	1.51	2.64	2.64	1.96	6.80	8.07	0.37	1.74	2.54	1.68	7.97	11.61	95
	2.0+3.5+4.2	1.40	2.45	2.94	1.96	6.80	8.25	0.37	1.74	2.68	1.68	7.97	12.26	95
	2.0+3.5+5.0	1.30	2.27	3.24	2.28	6.80	8.58	0.40	1.69	2.82	1.85	7.74	12.91	95
	2.0+4.2+4.2	1.31	2.75	2.75	1.96	6.80	8.37	0.37	1.73	2.77	1.68	7.92	12.67	95
	2.5+2.5+2.5	2.27	2.27	2.27	1.96	6.80	7.53	0.38	1.76	2.18	1.73	8.06	9.98	95
	2.5+2.5+3.5	2.00	2.00	2.80	1.96	6.80	7.94	0.36	1.72	2.45	1.64	7.88	11.20	95
	2.5+2.5+4.2	1.85	1.85	3.10	1.96	6.80	8.12	0.36	1.71	2.58	1.64	7.83	11.81	95
	2.5+2.5+5.0	1.70	1.70	3.40	2.28	6.80	8.45	0.40	1.67	2.72	1.85	7.65	12.46	95
	2.5+2.5+6.0	1.55	1.55	3.71	2.42	6.80	8.74	0.40	1.65	2.67	1.85	7.56	12.22	95
	2.5+3.5+3.5	1.79	2.51	2.51	2.27	6.80	8.30	0.40	1.70	2.72	1.85	7.79	12.46	95
	2.5+3.5+4.2	1.67	2.33	2.80	2.27	6.80	8.43	0.40	1.69	2.82	1.85	7.74	12.91	95
	2.5+3.5+5.0	1.55	2.16	3.09	2.48	6.80	8.74	0.42	1.65	2.96	1.94	7.56	13.56	95
	2.5+4.2+4.2	1.56	2.62	2.62	2.27	6.80	8.49	0.40	1.68	2.87	1.85	7.69	13.12	95
	3.5+3.5+3.5	2.27	2.27	2.27	2.38	6.80	8.59	0.40	1.68	2.96	1.81	7.69	13.56	95

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5 Combination table

5 - 1 Combination Table

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Notes

- 1) The total capacity of each connected indoor unit is up to ·11.0·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
- 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·.

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5 Combination table

5 - 1 Combination Table

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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-	Room -C-	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
3MXM68N2V1B 3MXM68N2V1B9 3MXM68A2V1B 3MXM68A2V1B9 3MXM68A2V1B8	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
	4.2+6.0	3.54	5.06	-	2.74	8.60	11.02	0.51	2.20	2.79	2.32	10.07	12.76	95
	5.0+5.0	4.30	4.30	-	2.94	8.60	11.10	0.59	2.17	3.11	2.71	9.94	14.23	95
	5.0+6.0	3.91	4.69	-	3.14	8.60	11.10	0.60	2.15	2.72	2.75	9.84	12.46	95
	1.5+1.5+1.5	1.83	1.83	1.83	1.80	5.50	9.92	0.37	1.13	2.26	1.69	5.15	10.36	95
	1.5+1.5+2.0	1.83	1.83	2.44	1.94	6.10	10.10	0.40	1.29	2.34	1.83	5.91	10.69	95
	1.5+1.5+2.5	1.83	1.83	3.05	2.09	6.70	10.18	0.42	1.48	2.37	1.93	6.80	10.86	95
	1.5+1.5+3.5	1.85	1.85	4.31	2.31	8.00	10.29	0.44	1.82	2.49	2.02	8.35	11.41	95
	1.5+1.5+4.2	1.79	1.79	5.02	2.31	8.60	10.29	0.44	2.03	2.49	2.02	9.30	11.41	95
	1.5+1.5+5.0	1.61	1.61	5.38	2.71	8.60	10.46	0.55	2.01	2.57	2.50	9.20	11.75	95
	1.5+1.5+6.0	1.43	1.43	5.73	2.93	8.60	10.59	0.55	1.99	2.31	2.50	9.11	10.57	95
	1.5+2.0+2.0	1.83	2.44	2.44	2.01	6.70	10.26	0.41	1.60	2.41	1.89	7.31	11.03	95
	1.5+2.0+2.5	1.83	2.43	3.04	2.10	7.30	10.36	0.42	1.73	2.44	1.94	7.93	11.16	95
	1.5+2.0+3.5	1.82	2.43	4.25	2.31	8.50	10.45	0.44	2.00	2.58	2.02	9.14	11.79	95
	1.5+2.0+4.2	1.68	2.23	4.69	2.31	8.60	10.46	0.44	2.01	2.57	2.02	9.20	11.75	95
	1.5+2.0+5.0	1.52	2.02	5.06	2.71	8.60	10.88	0.55	2.00	2.64	2.50	9.16	12.08	95
	1.5+2.0+6.0	1.36	1.81	5.43	2.93	8.60	10.89	0.55	1.98	2.38	2.50	9.07	10.91	95
	1.5+2.5+2.5	1.85	3.08	3.08	2.20	8.00	10.47	0.45	1.89	2.44	2.06	8.64	11.16	95
	1.5+2.5+3.5	1.72	2.87	4.01	2.40	8.60	10.58	0.47	2.02	2.57	2.15	9.25	11.75	95
	1.5+2.5+4.2	1.57	2.62	4.40	2.41	8.60	10.58	0.47	2.00	2.57	2.15	9.16	11.75	95
	1.5+2.5+5.0	1.43	2.39	4.78	2.81	8.60	11.00	0.56	1.99	2.64	2.58	9.11	12.08	95
	1.5+2.5+6.0	1.29	2.15	5.16	3.02	8.60	11.00	0.57	1.97	2.38	2.62	9.02	10.91	95
	1.5+3.5+3.5	1.52	3.54	3.54	2.69	8.60	10.59	0.55	1.99	2.57	2.50	9.11	11.75	95
	1.5+3.5+4.2	1.40	3.27	3.93	2.69	8.60	10.59	0.55	1.98	2.56	2.50	9.07	11.71	95
	1.5+3.5+5.0	1.29	3.01	4.30	3.00	8.60	10.93	0.62	1.97	2.59	2.84	9.02	11.87	95
	1.5+3.5+6.0	1.17	2.74	4.69	2.93	8.60	10.93	0.55	1.96	2.37	2.50	8.98	10.86	95
	1.5+4.2+4.2	1.30	3.65	3.65	2.69	8.60	10.68	0.55	1.98	2.59	2.50	9.07	11.87	95
	1.5+4.2+5.0	1.21	3.38	4.02	3.00	8.60	10.99	0.62	1.96	2.67	2.84	8.98	12.21	95
	2.0+2.0+2.0	2.50	2.50	2.50	2.01	7.50	10.44	0.41	1.65	2.48	1.89	7.57	11.37	95
	2.0+2.0+2.5	2.46	2.46	3.08	2.10	8.00	10.52	0.42	1.79	2.52	1.94	8.17	11.54	95
2.0+2.0+3.5	2.29	2.29	4.01	2.31	8.60	10.63	0.44	2.04	2.65	2.02	9.34	12.13	95	
2.0+2.0+4.2	2.10	2.10	4.40	2.31	8.60	10.63	0.44	2.02	2.65	2.02	9.25	12.13	95	
2.0+2.0+5.0	1.91	1.91	4.78	2.71	8.60	10.82	0.55	2.00	2.72	2.50	9.16	12.46	95	
2.0+2.0+6.0	1.72	1.72	5.16	2.93	8.60	10.95	0.55	1.99	2.46	2.50	9.11	11.24	95	
2.0+2.5+2.5	2.43	3.04	3.04	2.20	8.50	10.54	0.43	1.95	2.61	1.98	8.91	11.96	95	
2.0+2.5+3.5	2.15	2.69	3.76	2.40	8.60	10.63	0.46	2.02	2.65	2.11	9.25	12.13	95	
2.0+2.5+4.2	1.98	2.47	4.15	2.41	8.60	10.64	0.46	2.01	2.64	2.11	9.20	12.08	95	
2.0+2.5+5.0	1.81	2.26	4.53	2.81	8.60	11.06	0.56	1.98	2.75	2.58	9.07	12.59	95	
2.0+2.5+6.0	1.64	2.05	4.91	3.02	8.60	11.07	0.56	1.98	2.43	2.58	9.07	11.12	95	
2.0+3.5+3.5	1.91	3.34	3.34	2.69	8.60	10.76	0.52	2.00	2.70	2.37	9.16	12.34	95	
2.0+3.5+4.2	1.77	3.10	3.72	2.69	8.60	10.76	0.52	1.99	2.69	2.37	9.11	12.29	95	
2.0+3.5+5.0	1.64	2.87	4.10	3.00	8.60	11.11	0.58	1.98	2.82	2.67	9.07	12.88	95	
2.0+4.2+4.2	1.65	3.47	3.47	2.69	8.60	10.77	0.52	1.97	2.69	2.37	9.02	12.29	95	
2.5+2.5+2.5	2.87	2.87	2.87	2.31	8.60	10.65	0.45	1.99	2.64	2.06	9.11	12.08	95	
2.5+2.5+3.5	2.53	2.53	3.54	2.50	8.60	10.87	0.48	1.99	2.72	2.19	9.11	12.46	95	
2.5+2.5+4.2	2.34	2.34	3.93	2.50	8.60	10.88	0.48	1.97	2.72	2.19	9.02	12.46	95	
2.5+2.5+5.0	2.15	2.15	4.30	2.91	8.60	11.07	0.58	1.96	2.78	2.67	8.98	12.72	95	
2.5+2.5+6.0	1.95	1.95	4.69	3.12	8.60	11.08	0.58	1.94	2.43	2.67	8.88	11.12	95	
2.5+3.5+3.5	2.26	3.17	3.17	2.78	8.60	11.00	0.53	1.96	2.72	2.41	8.98	12.46	95	
2.5+3.5+4.2	2.11	2.95	3.54	2.79	8.60	11.01	0.53	1.96	2.71	2.41	8.98	12.42	95	
2.5+3.5+5.0	1.95	2.74	3.91	3.19	8.60	11.08	0.60	1.90	2.74	2.75	8.70	12.55	95	
2.5+4.2+4.2	1.97	3.31	3.31	2.79	8.60									

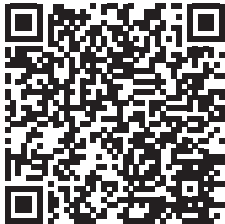
6 Capacity tables

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



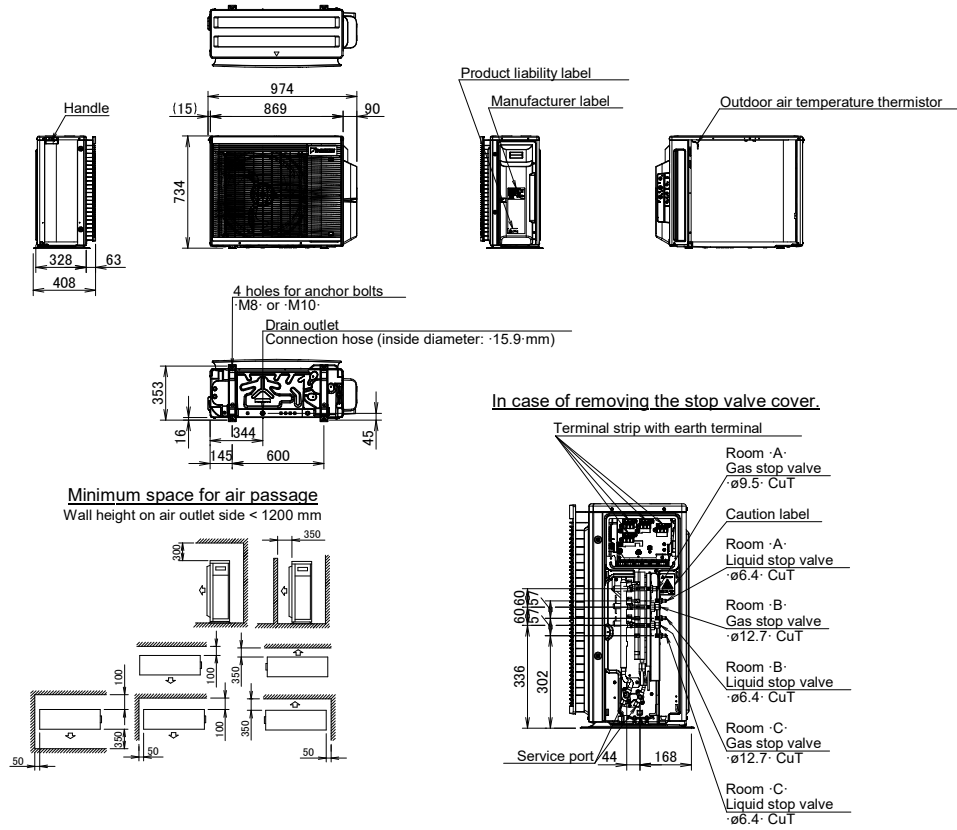
- An overview of **all software tools** that we offer can be found here:
https://my.daikin.eu/denv/en_US/home/applications/software-finder.html



7 Dimensional drawings

7 - 1 Dimensional Drawings

3MXM-A8

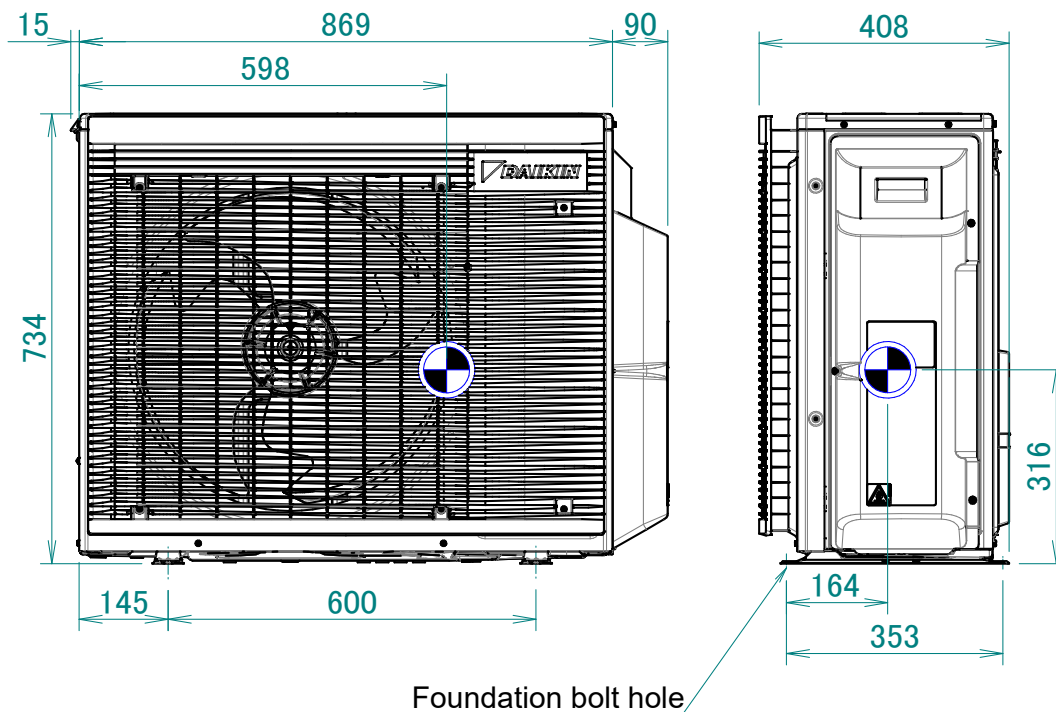


3D144278A

8 Centre of gravity

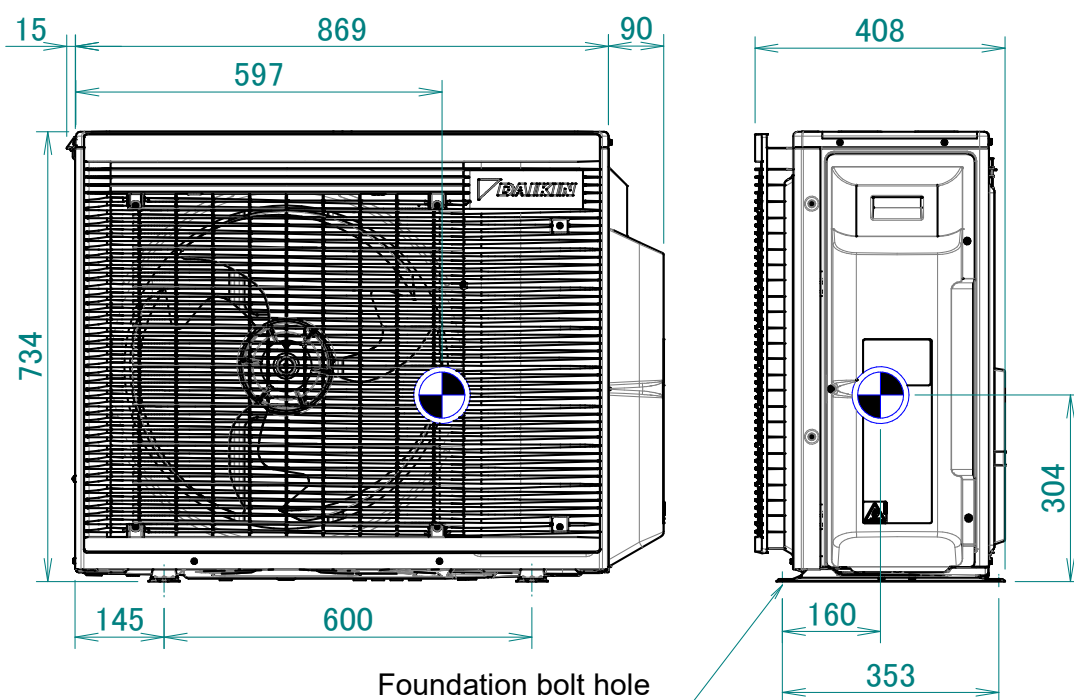
8 - 1 Centre of Gravity

3MXM40-52A8



4D139695

3MXM68A8

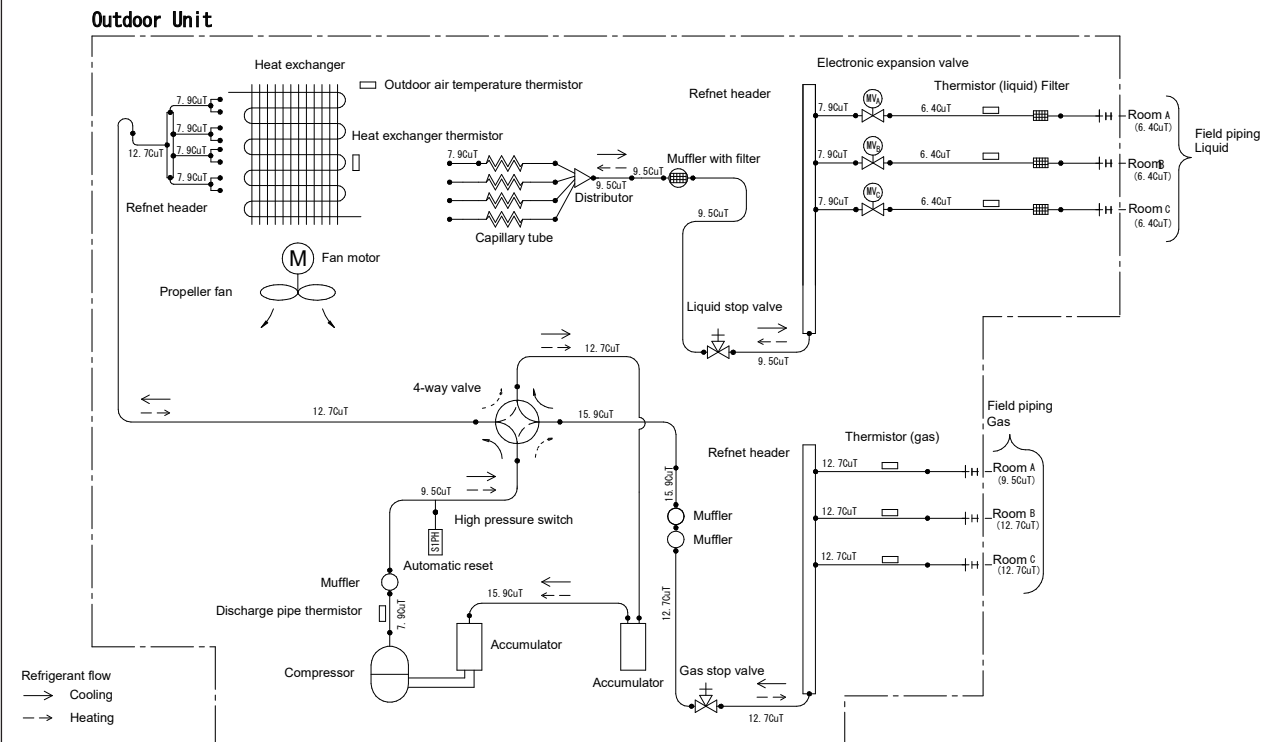


4D139696

9 Piping diagrams

9 - 1 Piping Diagrams

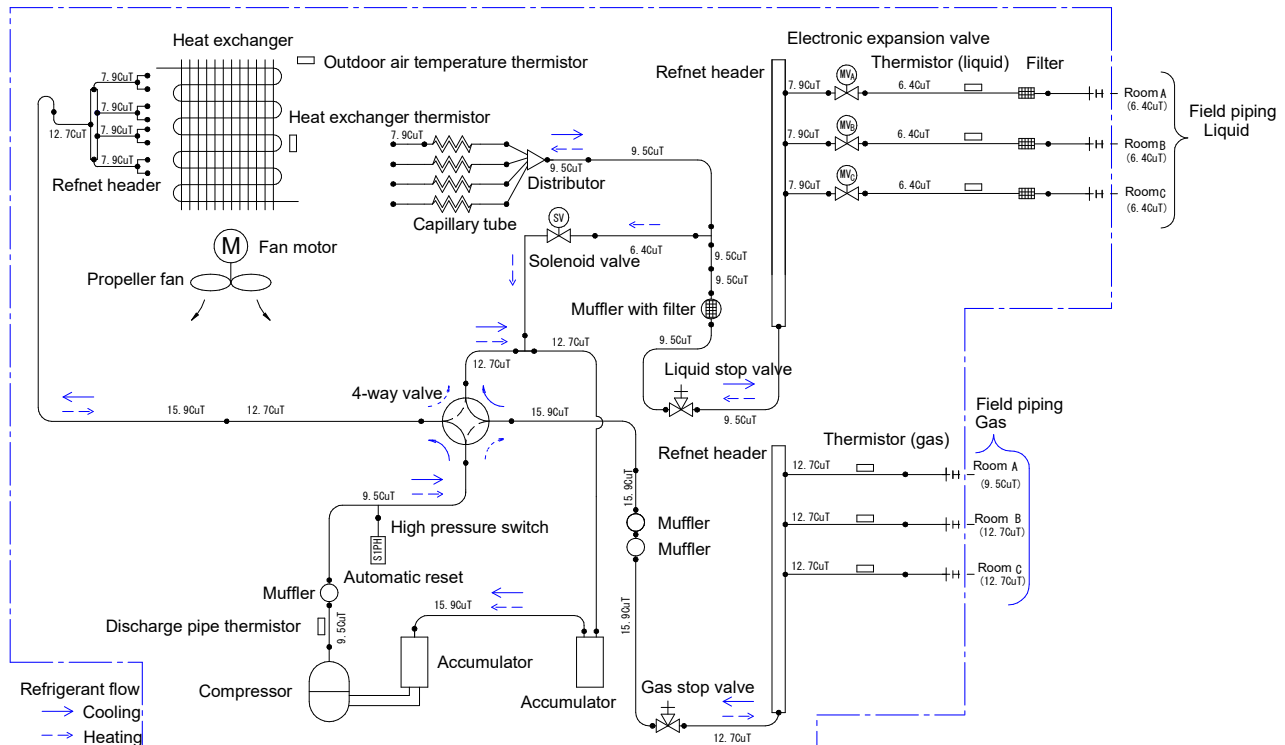
3MXM40-52A8



3D097989C

3MXM68A8

Outdoor Unit

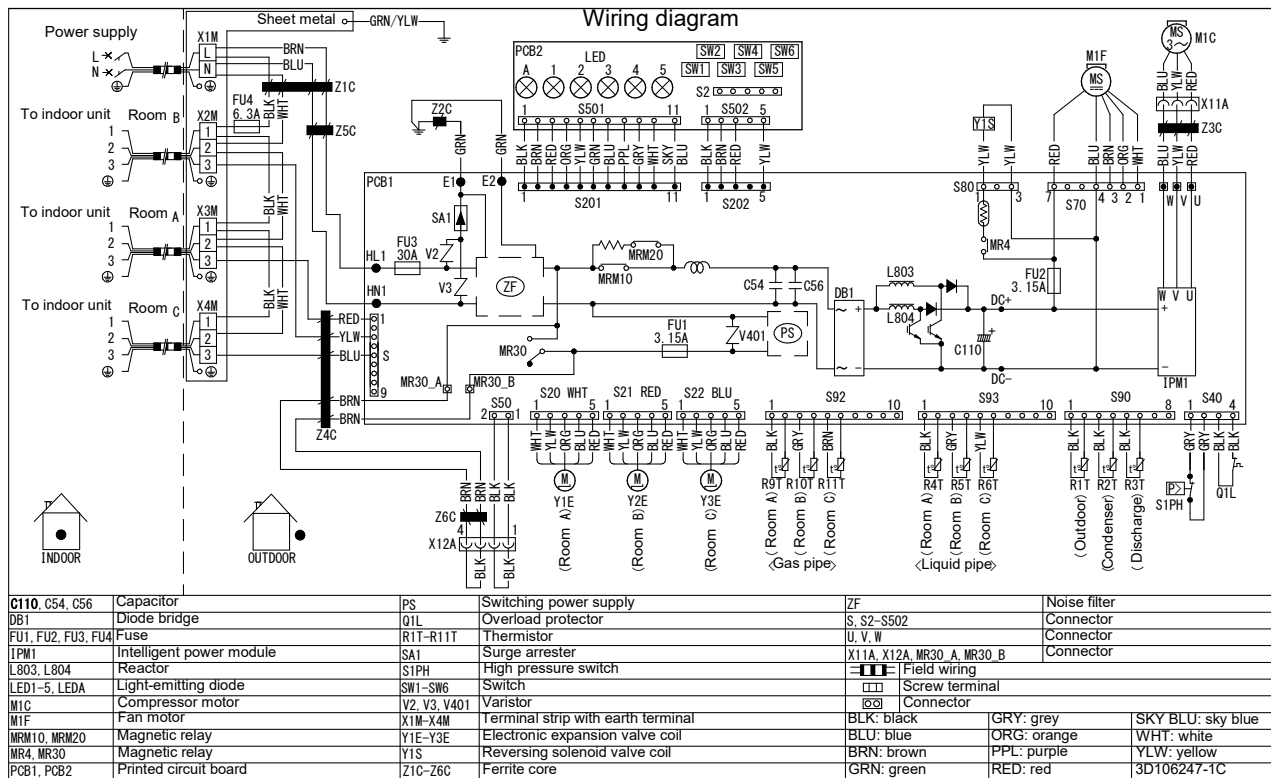


3D100777C

10 Wiring diagrams

10 - 1 Wiring Diagrams - Single Phase

3MXM40-52A8

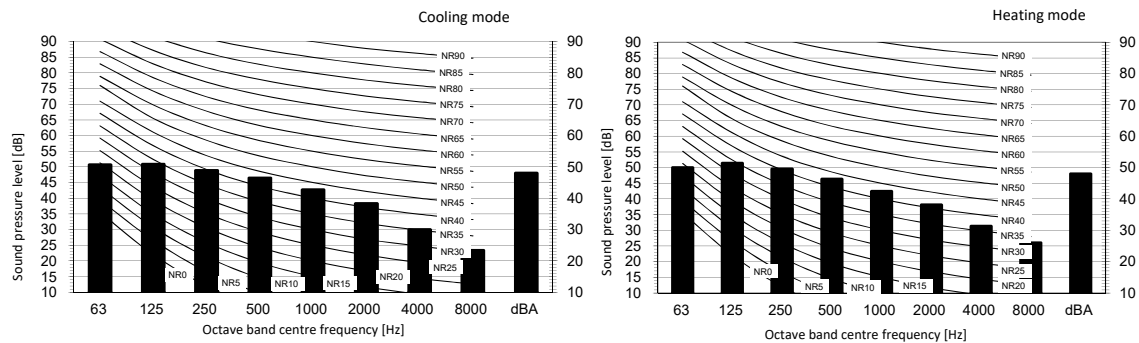


11 Sound data

11 - 1 Sound Pressure Spectrum

11

2MXM68A8 3MXM68A8



Legend

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

A Scale

Cooling

Total dB

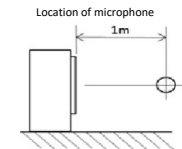
Heating

Total dB

B Fan speed: High

A	B
dBA	48

A	B
dBA	49

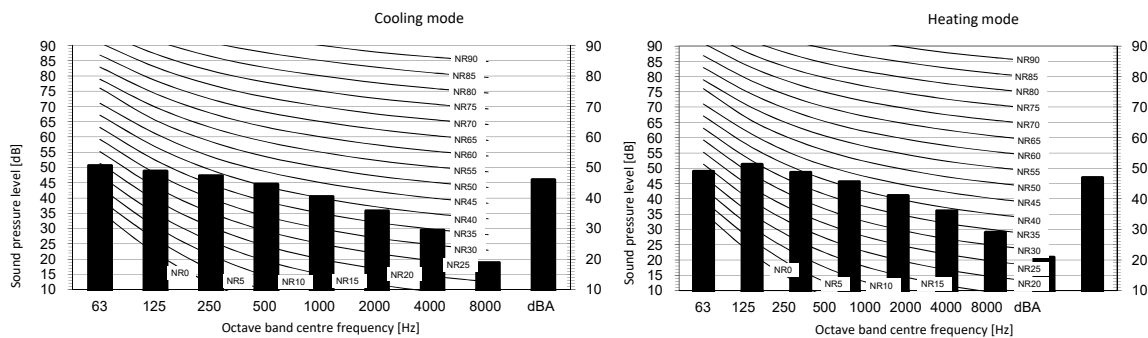


Notes

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

3MXM40-52A8



Legend

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

Cooling

Total dB

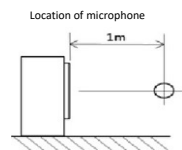
Heating

Total dB

B Fan speed: High

A	B
dBA	46

A	B
dBA	47



Notes

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard Background
2. noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions. The operation
4. noise measuring method is in accordance with JISC9612. Measuring location: anechoic
5. chamber
6. The values above are for connecting with the following indoor unit types:
1.5, 2.0, 2.5, 3.5, 4 kW Class

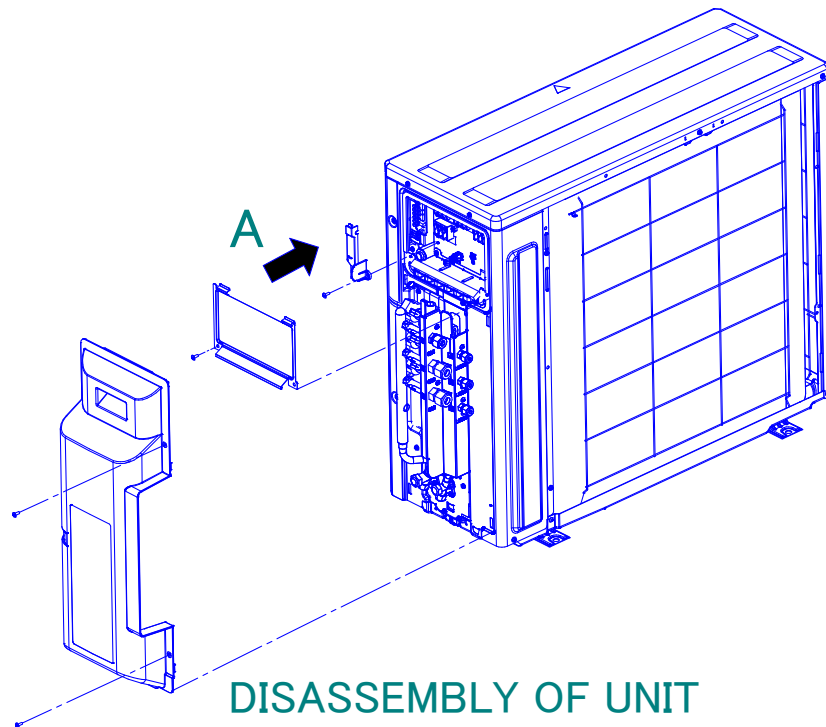
3D106222B

12 Low sound setting installation

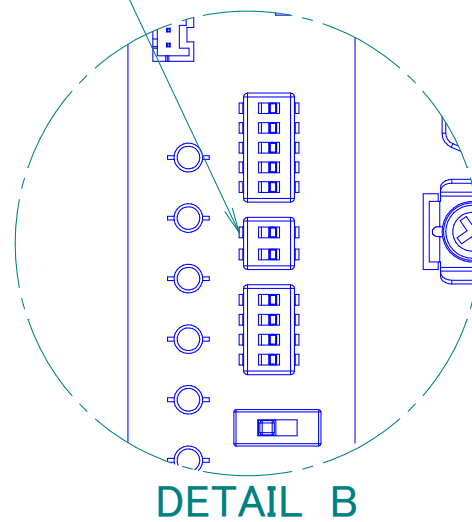
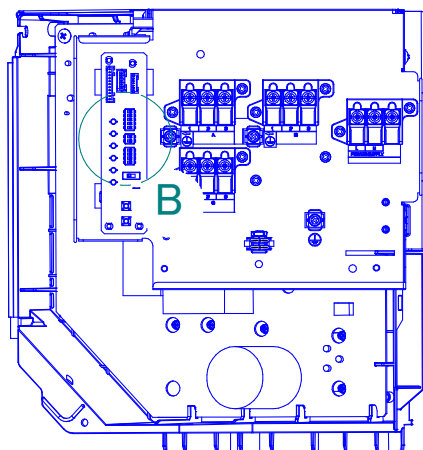
12 - 1 Installation Method

12

3MXM40-52A8



SWICH SW6-2 TO "ON" POSITION



Detailed instruction can be found in the service manual

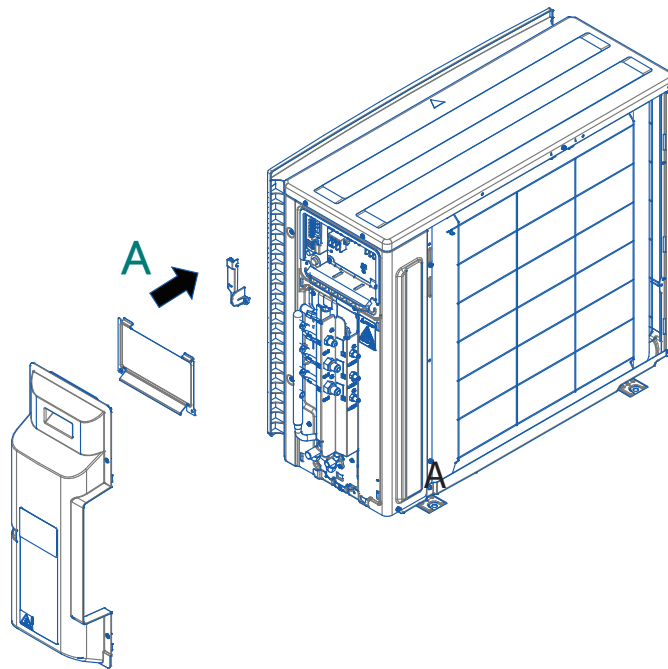
4D133753

12 Low sound setting installation

12 - 1 Installation Method

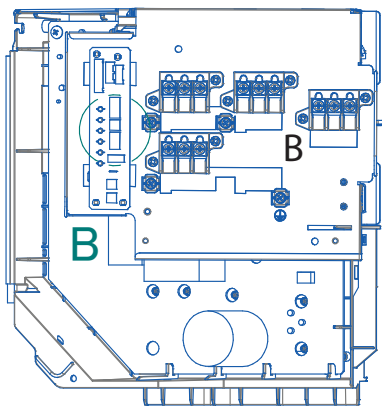
3MXM68A8

12

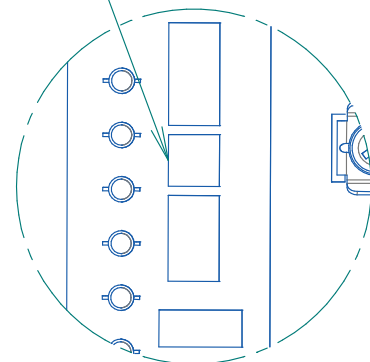


Disassembly of unit

Switch SW6-2 to "on" position



Arrow view A
El. Compo. Assy



Detail B

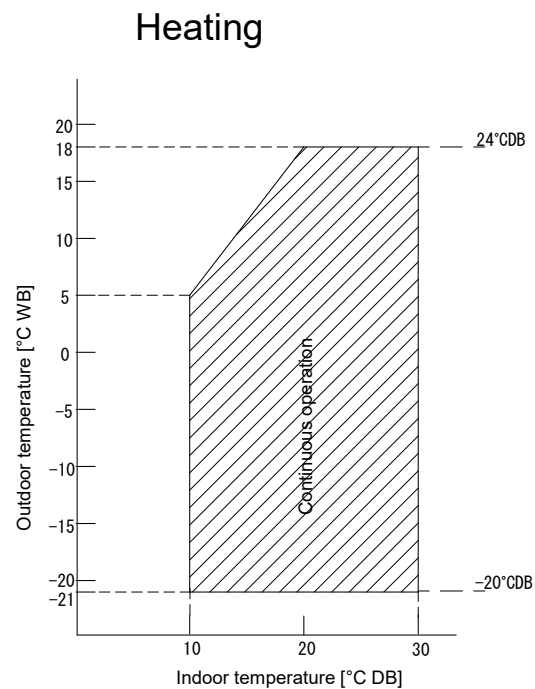
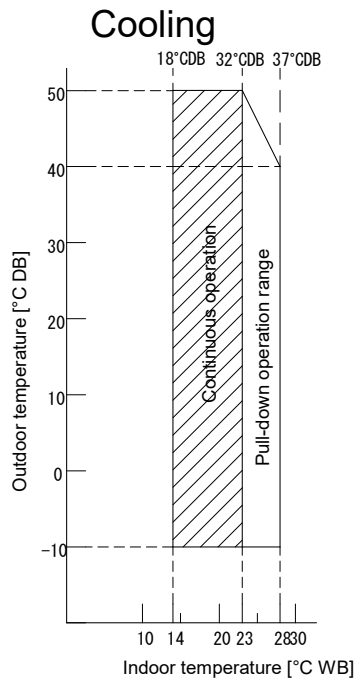
Detailed instruction can be found in the service manual

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13 Operation range

13 - 1 Operation Range

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



Notes

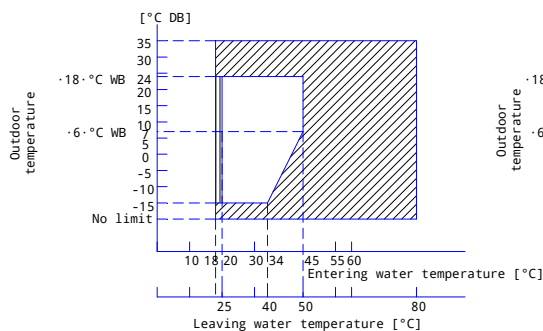
- The graph is based on the following conditions.
Corresponding refrigerant piping length: 5 m
Level difference: 0 m
Air flow rate: High

3D159133

3MXM52-68A8 Hybrid unit operation only
See note 2.
Applicable models
3MXM52N*
3MXM52A*

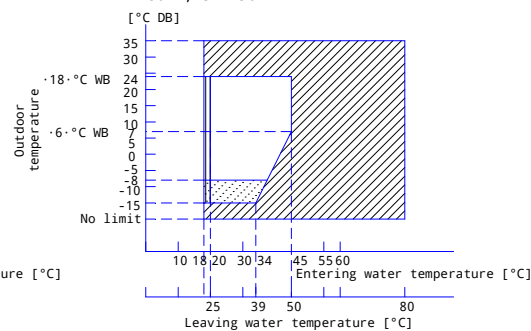
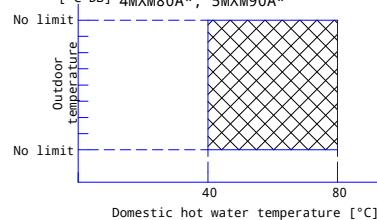
4MXM-A8
5MXM-A8

Hybrid unit operation only
See note 2.
Applicable models
3MXM68N*, 4MXM68N*,
4MXM80N*, 5MXM90N*,
3MXM68A*, 4MXM68A*,
4MXM80A*, 5MXM90A*



Domestic hot water heating mode

Applicable models
3MXM52N*, 3MXM68N*, 4MXM68N*, 4MXM80N*,
5MXM90N*, 3MXM52A*, 3MXM68A*, 4MXM68A*,
4MXM80A*, 5MXM90A*



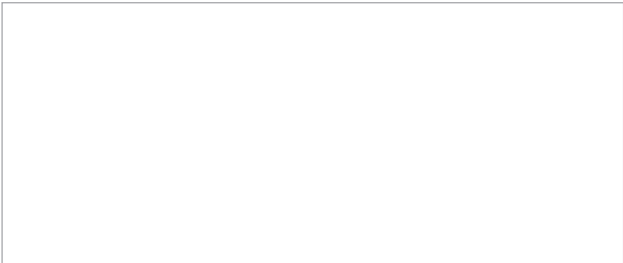
Legend

- Boiler operation (maximum condenser leaving water temperature is 50°C)
- Pull-up area
- Boiler operation during start-up
See note 1.
- Instant domestic hot water
Production always by boiler.

Notes

- When the heat pump is operating and the ambient temperature drops below -8°C, then the heat pump will keep operating.
- The purpose of Hybrid for Multi in combination with Multi Outdoor unit is for Heating only (space heating and DHW (by boiler only)).
The target use of the air conditioner indoor unit in such a system is for cooling only.
A combination of Hybrid and Air conditioner indoor unit, both in heating operation, is NOT the main objective of such a system.
Hence, the heating comfort or continuous operation of the air conditioner indoor unit cannot be guaranteed over the complete operation range.

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08/2025



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