Multi model application Air Conditioning Technical Data

3MXM-A

3MXM40A2V1B
3MXM52A2V1B
3MXM68A2V1B

EEDEN22

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3MXM-A

1 Features

1 - 1 3MXM-A

› 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

2 Specifications

2 - 1 3MXM-A

Technical specifications					3MXM40A	3MXM52A	3MXM68A
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			6.00		
	Tube type				Hi-XA		
	Tube diameter			mm	8.0		
	Fin	Type			WHS8 FIN-HYDROPHILIC		
		Treatment			Anti-corrosion treatment		
Fan	Type				Propeller 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
			Low	m^3/min	24.0		24.1
				cfm	847		851
		Heating	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		
	Output			W	55		
Fan motor	Speed	Cooling	High	rpm	700		760
			Medium	rpm	700		
			Low	rpm	420		
		Heating	High	rpm	680		720
			Low	rpm	420		300
			Medium	rpm	680		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	46		
	Heating	Ambient	Min.	°CDB	-15		
			Max.	°CDB	24		
Sound power level	Cooling	Max		dBA	63		
		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		
	Heating	Max.		dBA	62		61
		Night quiet mode		dBA	57		58
		Tonal adjustment		dBA	0		
Sound pressure level	Cooling	Nom.		dBA	46		48
	Heating	Nom.		dBA	47		48
Refrigerant	Type				R-32		
	Charge			kg	1.80		2.00
	Charge			TCO2Eq	1.22		1.35
	Control				Expansion valve		
	GWP				675		

2 Specifications

2 - 1 3MXM-A

Technical specifications					3MXM40A	3MXM52A	3MXM68A
Piping connections	Liquid	Quantity			3		
Piping connections	Liquid	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.	m	3 (1)		
			Max.	m	25 (1)		
		System	Chargeless	m	30		
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)		
	Level difference	IU - OU	Max.	m	15		
		IU - IU		m	7.5		
	Heat insulation				Both liquid and gas pipes		
	Total piping length	System	Actual	m	50 (2)		50
Capacity control	Method				Variable (inverter)		

Standard accessories: Installation manual; Quantity: 1;

Standard accessories: Screw bag; Quantity: 1;

Standard accessories: Drain plug; Quantity: 1;

Standard accessories: Reducer assembly; Quantity: 1;

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

Standard accessories: Drain cap (2); Quantity: 3;

Electrical specifications				3MXM40A	3MXM52A	3MXM68A
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. |
See separate drawing for operation range |
See separate drawing for electrical data |
Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

2MXM68-A
3MXM-A
4MXM-A
5MXM-A

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	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	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	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	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	50	220	Maximum ·50·Hz ·264·V	21,70	32	25,88	32	-	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	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	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		

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]

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

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4 Combination table

4 - 1 Combination Table

3MXM40A

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	
	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
3MXM40M2V1B	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
3MXM40M3V1B	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
3MXM40N2V1B	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
3MXM40N2V1B9	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
3MXM40N2V1B8	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
3MXM40N2V1B7	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
3MXM40A2V1B	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

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, 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
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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3MXM40A

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	
	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
3MXM40M2V1B	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
3MXM40M3V1B	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
3MXM40N2V1B	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
3MXM40N2V1B9	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
3MXM40N2V1B8	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
3MXM40N2V1B7	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
3MXM40A2V1B	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

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, 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
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·.

4D139802A

4 Combination table

4 - 1 Combination Table

3MXM52A

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 3MXM52N2V1B9 3MXM52N2V1B8 3MXM52N2V1B7 3MXM52A2V1B	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

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, 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
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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4 Combination table

4 - 1 Combination Table

3MXM52A

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 3MXM52N2V1B8 3MXM52N2V1B7 3MXM52A2V1B	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

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, 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
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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4 Combination table

4 - 1 Combination Table

3MXM68A

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	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

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, 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
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·.

4D139808A

4 Combination table

4 - 1 Combination Table

3MXM68A

4

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	
	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
3MXM68N2V1B	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
3MXM68N2V1B9	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
3MXM68A2V1B	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	11,01	0,53	1,95	2,71	2,41	8,93	12,42	95
	3.5+3.5+3.5	2,87	2,87	2,87	2,98	8,60	11,06	0,57	1,94	2,79	2,62	8,88	12,76	95

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, 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
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 Capacity tables

5 - 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

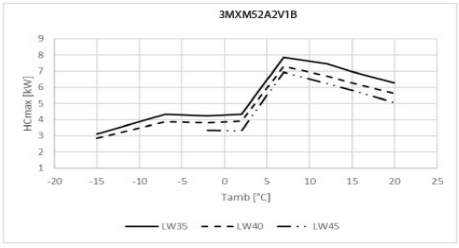
5 Capacity tables

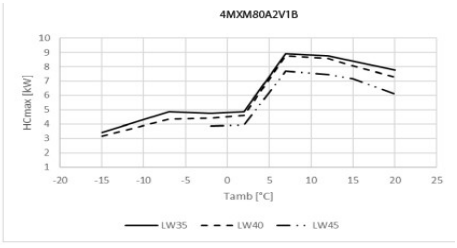
5 - 2 Heating Capacity Tables

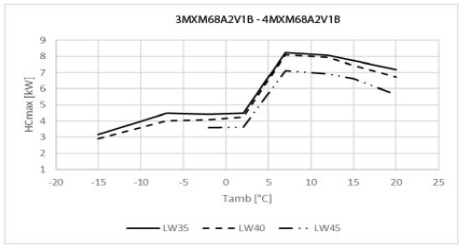
3MXM52-68A
4MXM-A
5MXM-A

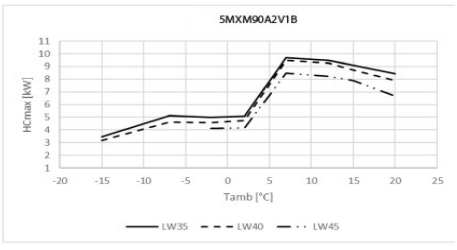
Only for ·CHYHBH05AAV32·

	Maximum heating capacity - integrated value												
	LWT [°C]	25		30		35		40		45		50	
	T_{amb} [°C]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]
3MXM52A2V1B	-15	3,69	1,80	3,22	1,75	3,11	1,79	2,84	1,69				
	-7	5,28	1,60	4,81	1,71	4,35	1,86	3,86	2,07				
	-2	4,88	1,42	4,51	1,49	4,25	1,62	3,82	1,73	3,35	1,94		
	2	4,79	1,28	4,48	1,35	4,33	1,49	3,89	1,56	3,31	1,57		
	7	8,73	2,20	8,25	2,23	7,85	2,28	7,30	2,29	6,94	2,48	6,48	2,43
	12	8,29	1,71	7,84	1,73	7,45	1,81	6,72	1,78	6,24	1,94	5,71	1,80
	15	7,94	1,20	7,51	1,50	6,98	1,28	6,28	1,56	5,83	1,66	5,06	1,53
	20	7,25	1,06	6,85	1,08	6,28	1,15	5,62	1,21	5,06	1,33	3,96	1,10
3MXM68A2V1B	-15	3,94	1,88	3,33	1,78	3,17	1,79	2,91	1,70				
	-7	5,46	1,63	4,98	1,73	4,50	1,88	4,01	2,11				
	-2	5,05	1,44	4,71	1,53	4,40	1,65	4,09	1,81	3,59	2,04		
	2	4,96	1,30	4,72	1,39	4,48	1,51	4,25	1,67	3,64	1,69		
	7	9,61	2,37	9,01	2,39	8,25	2,35	8,10	2,49	7,12	2,50	6,58	2,41
	12	9,51	1,92	8,92	1,93	8,09	1,93	7,94	2,06	6,91	2,10	6,31	1,96
	15	9,23	1,37	8,65	1,70	7,76	1,39	7,45	1,81	6,62	1,85	5,85	1,74
	20	8,75	1,26	8,20	1,27	7,18	1,29	6,72	1,42	5,63	1,45	5,06	1,38
4MXM68A2V1B	-15	3,94	1,88	3,33	1,78	3,17	1,79	2,91	1,70				
	-7	5,46	1,63	4,98	1,73	4,50	1,88	4,01	2,11				
	-2	5,05	1,44	4,71	1,53	4,40	1,65	4,09	1,81	3,59	2,04		
	2	4,96	1,30	4,72	1,39	4,48	1,51	4,25	1,67	3,64	1,69		
	7	9,61	2,37	9,01	2,39	8,25	2,35	8,10	2,49	7,12	2,50	6,58	2,41
	12	9,51	1,92	8,92	1,93	8,09	1,93	7,94	2,06	6,91	2,10	6,31	1,96
	15	9,23	1,37	8,65	1,70	7,76	1,39	7,45	1,81	6,62	1,85	5,85	1,74
	20	8,75	1,26	8,20	1,27	7,18	1,29	6,72	1,42	5,63	1,45	5,06	1,38
4MXM80A2V1B	-15	4,25	1,94	3,60	1,83	3,43	1,84	3,14	1,75				
	-7	5,91	1,67	5,38	1,78	4,86	1,94	4,34	2,17				
	-2	5,46	1,48	5,10	1,57	4,76	1,70	4,42	1,87	3,88	2,10		
	2	5,36	1,34	5,10	1,43	4,85	1,55	4,59	1,72	3,93	1,74		
	7	10,39	2,44	9,74	2,46	8,92	2,42	8,76	2,56	7,70	2,57	7,11	2,49
	12	10,29	1,98	9,64	1,99	8,74	1,99	8,58	2,12	7,47	2,16	6,83	2,01
	15	9,97	1,41	9,35	1,75	8,38	1,43	8,06	1,87	7,16	1,90	6,33	1,79
	20	9,46	1,30	8,87	1,30	7,76	1,33	7,27	1,46	6,08	1,49	5,48	1,42
5MXM90A2V1B	-15	4,25	1,94	3,60	1,96	3,43	1,84	3,14	1,75				
	-7	6,21	1,76	5,67	1,88	5,14	2,05	4,61	2,31				
	-2	6,04	1,69	5,50	1,74	4,99	1,79	4,59	1,89	4,11	2,34		
	2	6,14	1,63	5,61	1,64	5,08	1,65	4,73	1,68	4,15	2,06		
	7	11,12	2,72	10,48	2,74	9,68	2,76	9,48	2,79	8,46	2,83	7,87	2,86
	12	11,01	2,20	10,37	2,22	9,48	2,27	9,29	2,32	8,21	2,38	7,56	2,31
	15	10,68	1,57	10,06	1,95	9,10	1,63	8,72	2,04	7,87	2,10	7,01	2,06
	20	10,12	1,44	9,54	1,45	8,42	1,52	7,87	1,59	6,69	1,64	6,06	1,63









Symbols

HC	Heating capacity at maximum operating frequency, measured according to EN 14511
PI	Power input is the total input of indoor and outdoor units, including the circulation pump; according to EN 14511.
LWT	Leaving water condensor temperature [°C]
Tamb	Ambient temperature

Conditions

Heating capacity

Capacity according to standard EN 14511 and valid for heated water range ΔT = 3~8°C.

Power input

Power input is the total input of indoor and outdoor units, including the circulation pump; according to EN 14511.

Notes

The capacity and the power input are at maximum operation.

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5 Capacity tables

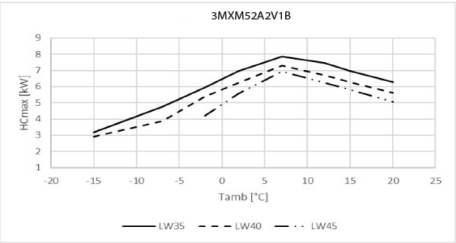
5 - 2 Heating Capacity Tables

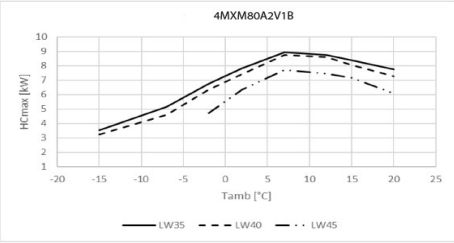
3MXM52-68A
4MXM-A
5MXM-A

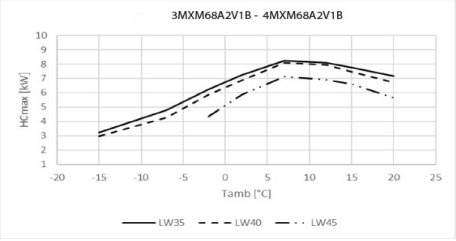
Only for ·CHYHBH05AAV32·

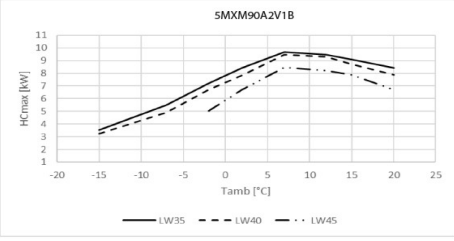
Maximum heating capacity - peak values

	LWT [°C]	25		30		35		40		45		50	
	T_{amb} [°C]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]	HC [kW]	PI [kW]
3MXM52A2V1B	-15	3,78	1,82	3,29	1,91	3,18	1,77	2,90	1,71				
	-7	6,55	2,06	5,66	1,99	4,76	1,98	3,86	2,01				
	-2	6,89	1,99	6,38	2,03	5,94	2,02	5,38	2,04	4,21	1,98		
	2	7,69	2,01	7,20	2,06	6,96	2,13	6,25	2,12	5,58	2,36		
	7	8,73	2,20	8,25	2,23	7,85	2,28	7,30	2,29	6,94	2,48	6,48	2,43
	12	8,29	1,71	7,84	1,73	7,45	1,81	6,72	1,78	6,24	1,94	5,71	1,80
	15	7,94	1,20	7,51	1,50	6,98	1,28	6,28	1,56	5,83	1,66	5,06	1,53
	20	7,25	1,06	6,85	1,08	6,28	1,15	5,62	1,21	5,06	1,33	3,96	1,10
3MXM68A2V1B	-15	4,03	1,90	3,41	1,79	3,25	1,77	2,98	1,72				
	-7	6,82	2,00	5,89	2,03	4,78	1,95	4,26	2,18				
	-2	7,64	2,16	6,92	2,16	6,24	2,08	5,87	2,18	4,35	2,01		
	2	8,68	2,23	7,96	2,23	7,23	2,17	6,85	2,28	5,87	2,43		
	7	9,61	2,37	9,01	2,39	8,25	2,35	8,10	2,49	7,12	2,50	6,58	2,41
	12	9,51	1,92	8,92	1,93	8,09	1,93	7,94	2,06	6,91	2,10	6,31	1,96
	15	9,23	1,37	8,65	1,70	7,76	1,39	7,45	1,81	6,62	1,85	5,85	1,74
	20	8,75	1,26	8,20	1,27	7,18	1,29	6,72	1,42	5,63	1,45	5,06	1,38
4MXM68A2V1B	-15	4,03	1,90	3,41	1,79	3,25	1,77	2,98	1,72				
	-7	6,82	2,00	5,89	2,03	4,78	1,95	4,26	2,18				
	-2	7,64	2,16	6,92	2,16	6,24	2,08	5,87	2,18	4,35	2,01		
	2	8,68	2,23	7,96	2,23	7,23	2,17	6,85	2,28	5,87	2,43		
	7	9,61	2,37	9,01	2,39	8,25	2,35	8,10	2,49	7,12	2,50	6,58	2,41
	12	9,51	1,92	8,92	1,93	8,09	1,93	7,94	2,06	6,91	2,10	6,31	1,96
	15	9,23	1,37	8,65	1,70	7,76	1,39	7,45	1,81	6,62	1,85	5,85	1,74
	20	8,75	1,26	8,20	1,27	7,18	1,29	6,72	1,42	5,63	1,45	5,06	1,38
4MXM80A2V1B	-15	4,36	1,96	3,68	1,99	3,51	1,82	3,22	1,77				
	-7	7,37	2,17	6,37	2,09	5,17	2,01	4,61	2,24				
	-2	8,26	2,22	7,48	2,22	6,74	2,14	6,35	2,24	4,70	2,07		
	2	9,38	2,29	8,61	2,30	7,82	2,24	7,41	2,35	6,34	2,51		
	7	10,39	2,44	9,74	2,46	8,92	2,42	8,76	2,56	7,70	2,57	7,11	2,49
	12	10,29	1,98	9,64	1,99	8,74	1,99	8,58	2,12	7,47	2,16	6,83	2,01
	15	9,97	1,41	9,35	1,75	8,38	1,43	8,06	1,87	7,16	1,90	6,33	1,79
	20	9,46	1,30	8,87	1,30	7,76	1,33	7,27	1,46	6,08	1,49	5,48	1,42
5MXM90A2V1B	-15	4,36	1,96	3,68	1,99	3,51	1,86	3,22	1,77				
	-7	7,37	2,17	6,48	2,18	5,49	2,14	4,90	2,38				
	-2	8,74	2,36	7,93	2,38	7,20	2,32	6,70	2,37	5,02	2,20		
	2	10,09	2,48	9,23	2,49	8,41	2,45	7,84	2,49	6,69	2,66		
	7	11,12	2,72	10,48	2,74	9,68	2,76	9,48	2,79	8,46	2,83	7,87	2,86
	12	11,01	2,20	10,37	2,22	9,48	2,27	9,29	2,32	8,21	2,38	7,56	2,31
	15	10,68	1,57	10,06	1,95	9,10	1,63	8,72	2,04	7,87	2,10	7,01	2,06
	20	10,12	1,44	9,54	1,45	8,42	1,52	7,87	1,59	6,69	1,64	6,06	1,63









Symbols

HC	Heating capacity at maximum operating frequency, measured according to EN 14511
PI	Power input is the total input of indoor and outdoor units, including the circulation pump; according to EN 14511.
LWT	Leaving water condensor temperature [°C]
Tamb	Ambient temperature

Conditions

Heating capacity

Capacity according to standard EN 14511 and valid for heated water range ΔT = 3~8°C.

Power input

Power input is the total input of indoor and outdoor units, including the circulation pump; according to EN 14511.

Notes

The capacity and the power input are at maximum operation.

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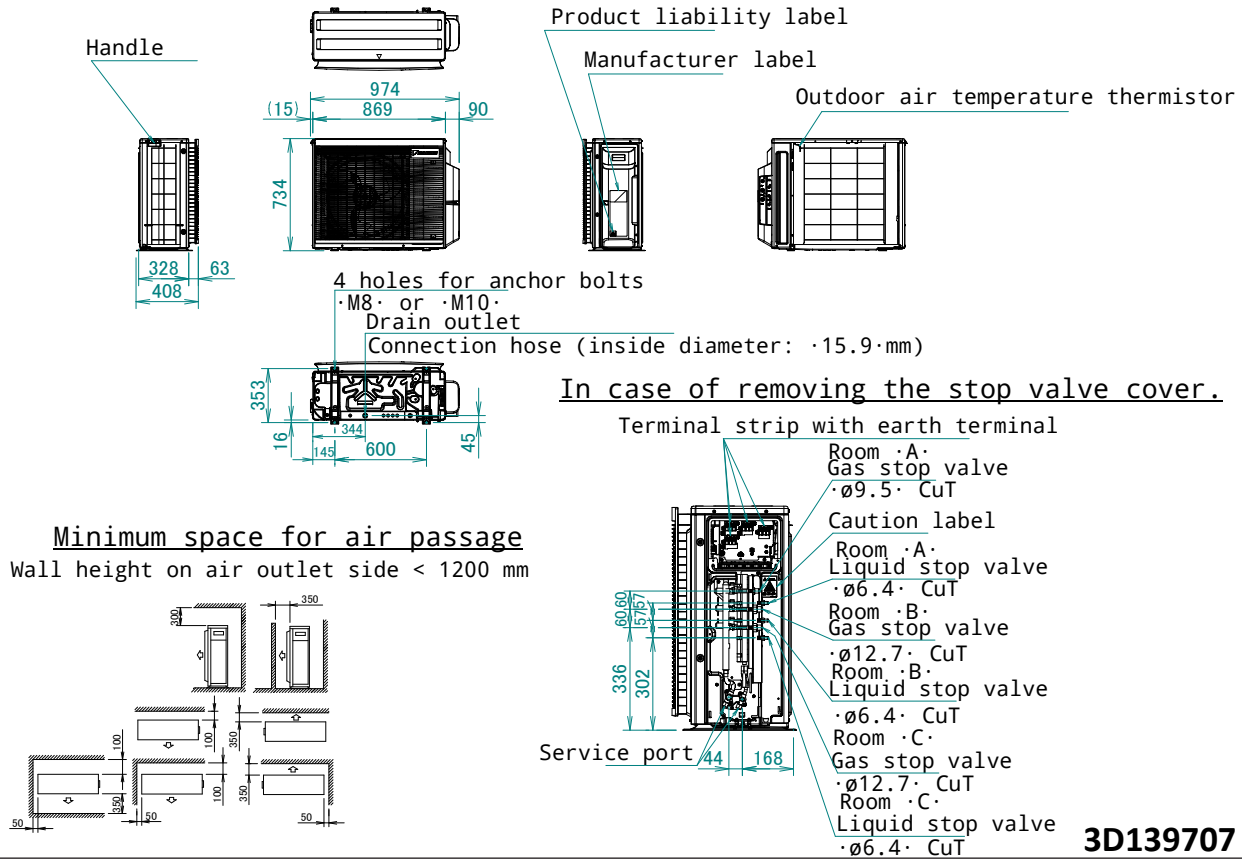
6 Dimensional drawings

6 - 1 Dimensional Drawings

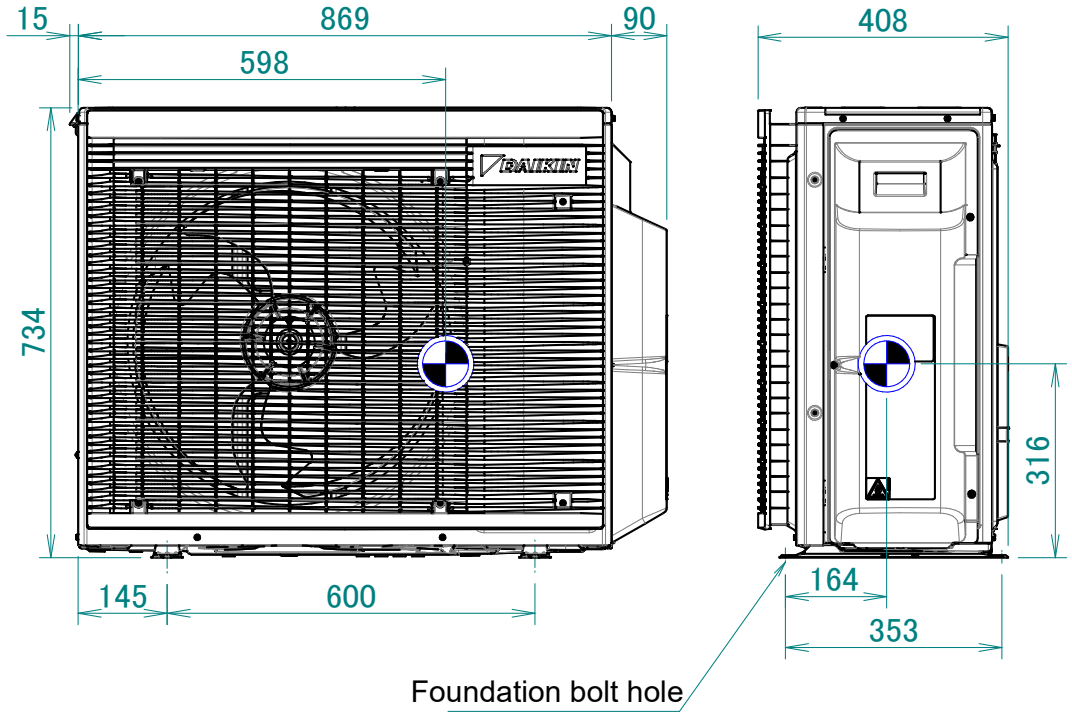
3MXM-A



7 Centre of gravity

7 - 1 Centre of Gravity

3MXM40-52A



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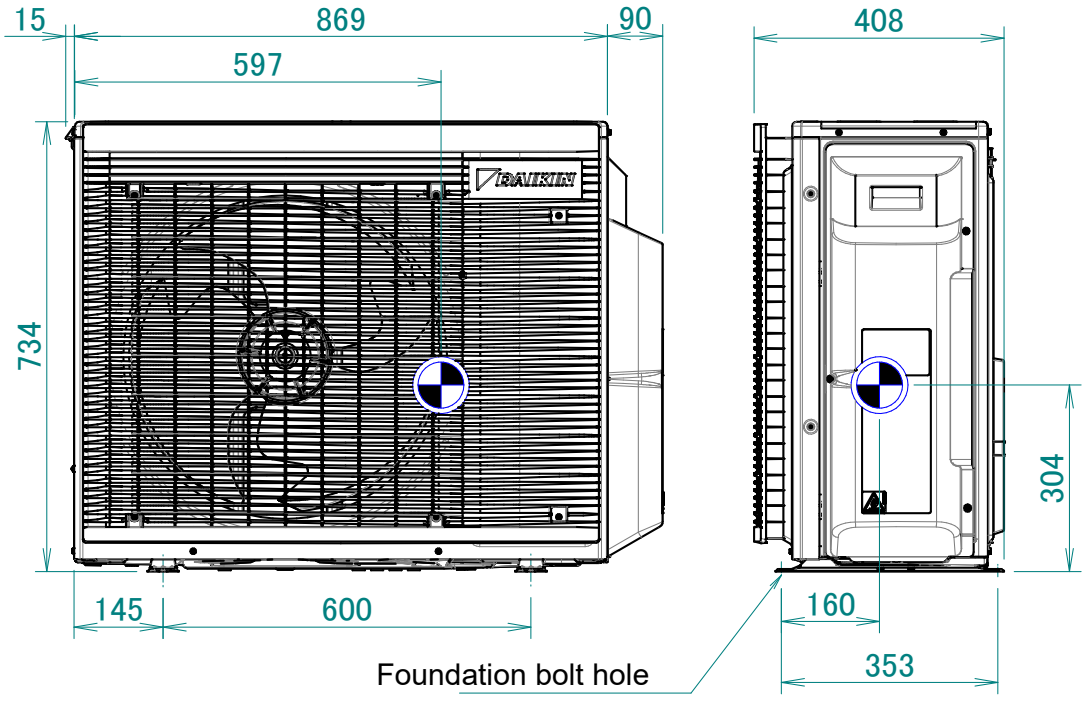

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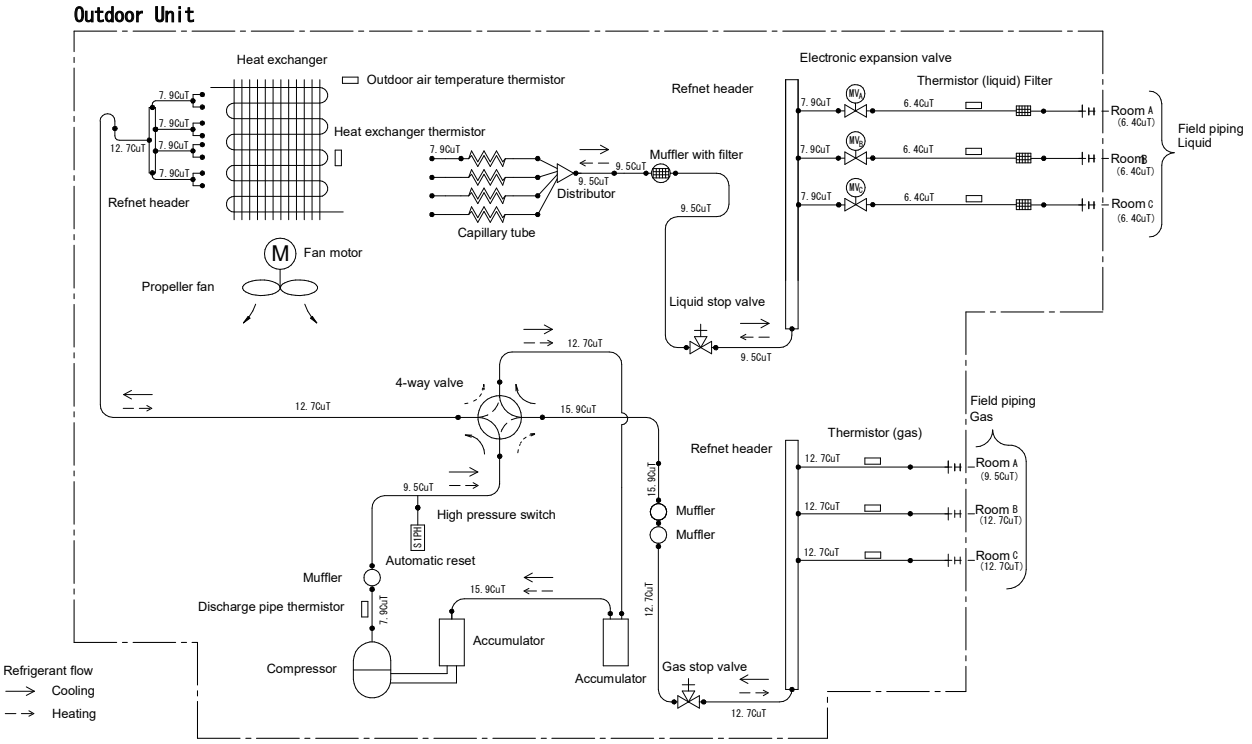
8 Piping diagrams

8 - 1 Piping Diagrams

3MXM40-52A



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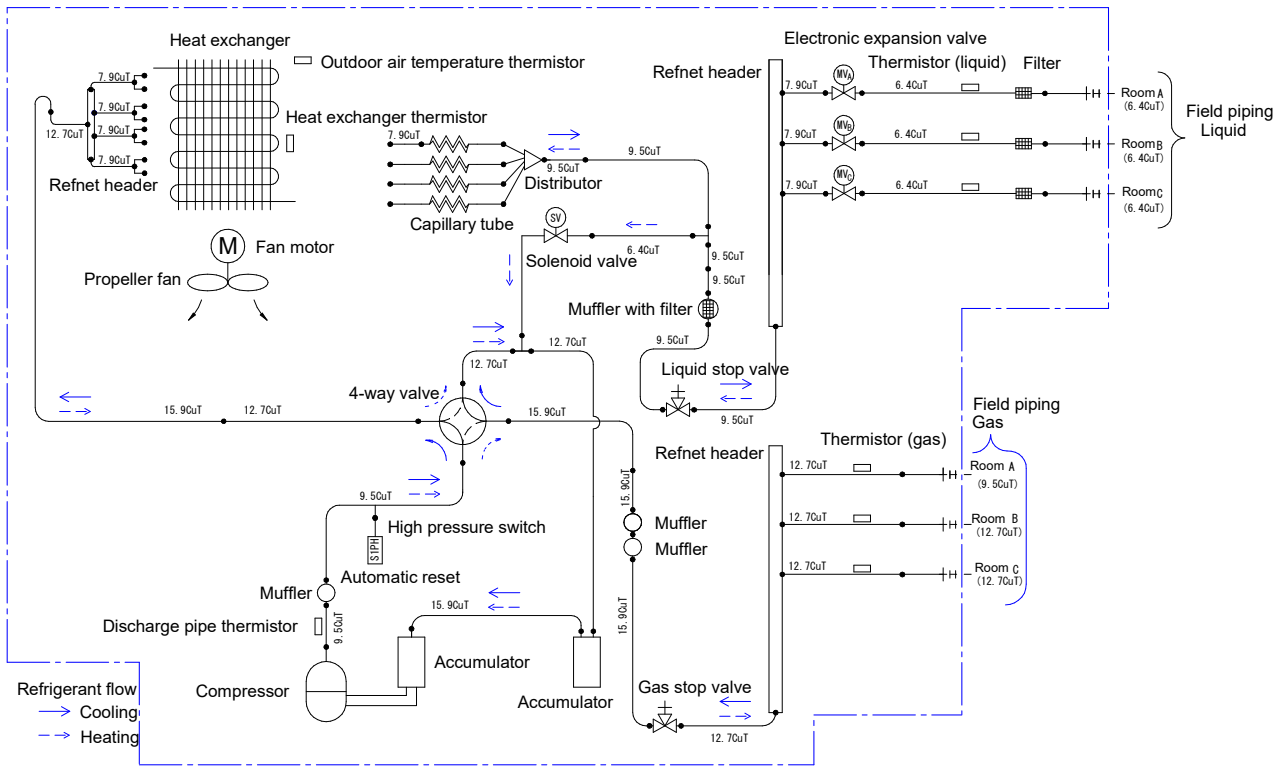

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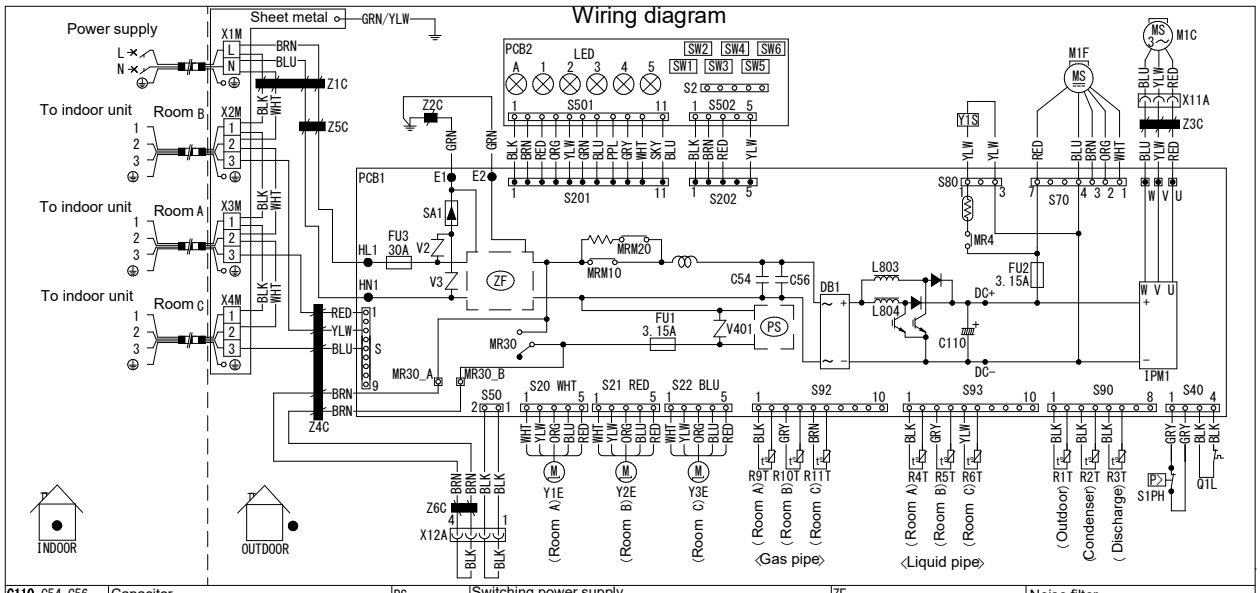
9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

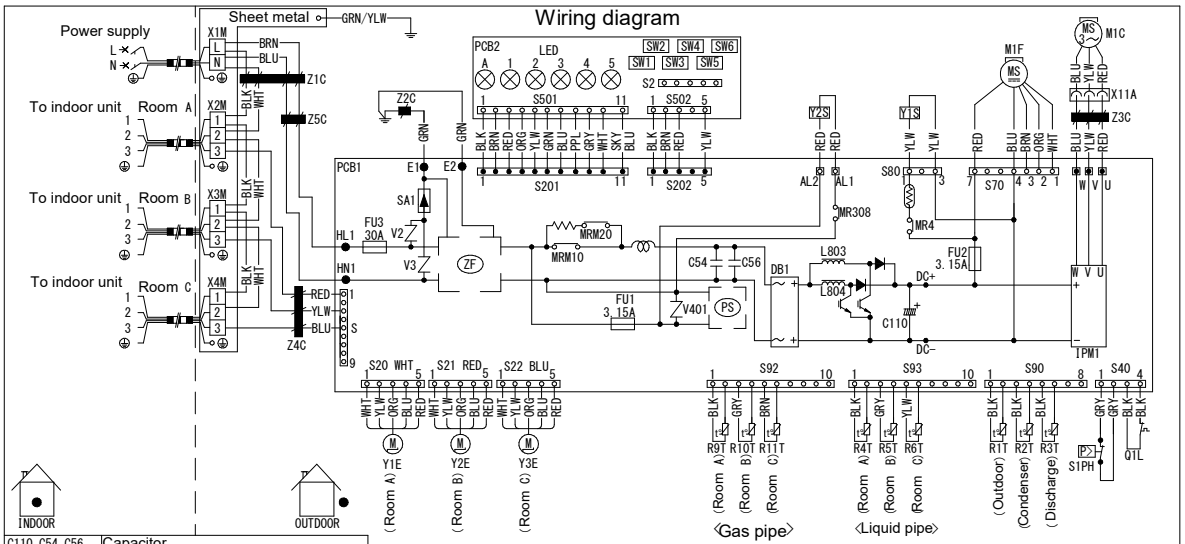
3MXM40-52A



C110, C54, C56	Capacitor	PS	Switching power supply	ZF	Noise filter		
DB1	Diode bridge	Q1L	Overload protector	S, S2–S502	Connector		
FU1, FU2, FU3	Fuse	R1T–R11T	Thermistor	U, V, W	Connector		
IPM1	Intelligent power module	SA1	Surge arrester	X11A, X12A, MR30_A, MR30_B	Connector		
L803, L804	Reactor	S1PH	High pressure switch		Field wiring		
LED1–5, LEDA	Light-emitting diode	SW1–SW6	Switch		Screw terminal		
M1C	Compressor motor	V2, V3, V401	Varistor		Connector		
M1F	Fan motor	X1M–X4M	Terminal strip with earth terminal	BLK: black	GRY: grey	SKY BLU: sky blue	
MRM10, MRM20	Magnetic relay	Y1E–Y3E	Electronic expansion valve coil	BLU: blue	ORG: orange	WHT: white	
MR4, MR30	Magnetic relay	Y1S	Reversing solenoid valve coil	BRN: brown	PPL: purple	YLW: yellow	
PCB1, PCB2	Printed circuit board	Z1C–Z6C	Ferrite core	GRN: green	RED: red	3D106247-1B	

3D106247B

3MXM68A



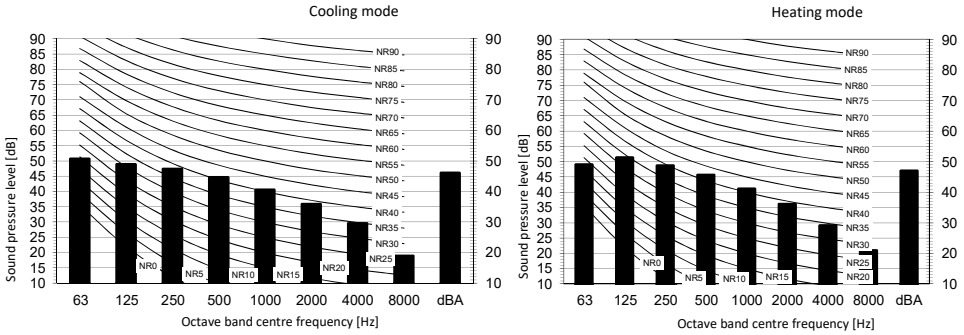
C110, C54, C56	Capacitor						
DB1	Diode bridge	Q1L	Overload protector	ZF	Noise filter		
FU1, FU2, FU3	Fuse	R1T–R11T	Thermistor	S, S2–S502	Connector		
IPM1	Intelligent power module	SA1	Surge arrester	U, V, W	Connector		
L803, L804	Reactor	S1PH	High pressure switch	X11A, AL1, AL2	Connector		
LED1–5, LEDA	Light-emitting diode	SW1–SW6	Switch		Field wiring		
M1C	Compressor motor	V2, V3, V401	Varistor		Screw terminal		
M1F	Fan motor	X1M–X4M	Terminal strip with earth terminal		Connector		
MRM10, MRM20	Magnetic relay	Y1E–Y3E	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	3D106248-1B	

3D106248B

10 Sound data

10 - 1 Sound Pressure Spectrum

3MXM40-52A



Legend

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

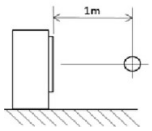
A Scale

B Fan speed: High

Cooling	Total dB
A	B
dBA	46

Heating	Total dB
A	B
dBA	47

Location of microphone



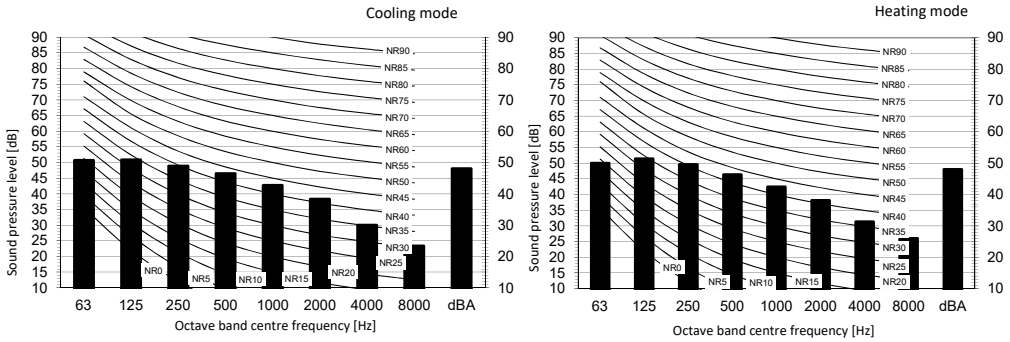
Notes

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

   1.5, 2.0, 2.5, 3.5, kW Class

3D106222B

2MXM68A
3MXM68A



Legend

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

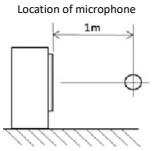
A Scale

B Fan speed: High

Cooling	Total dB
A	B
dBA	48

Heating	Total dB
A	B
dBA	49

Location of microphone



Notes

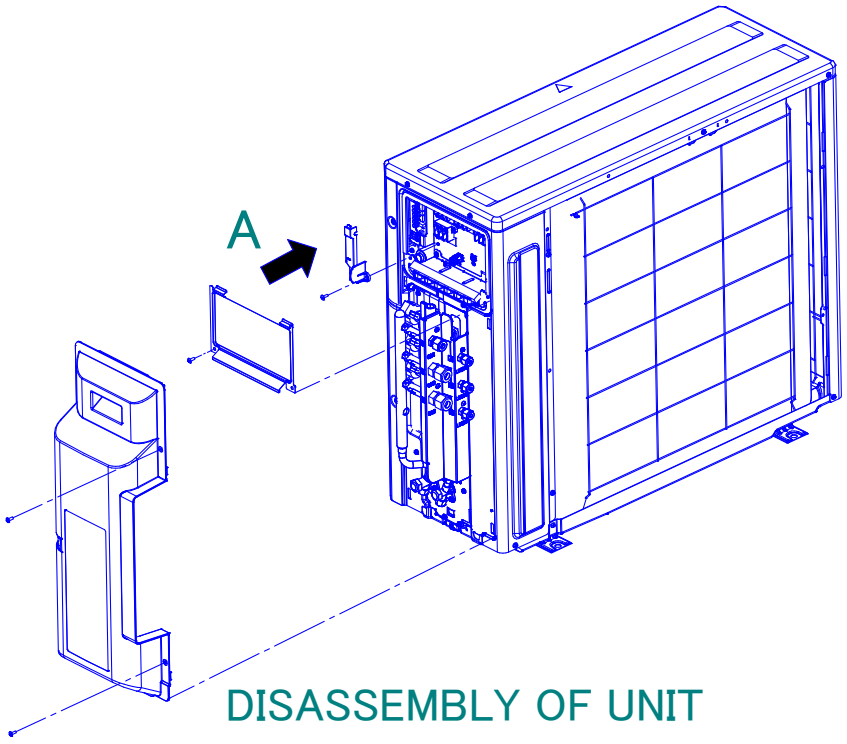
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic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

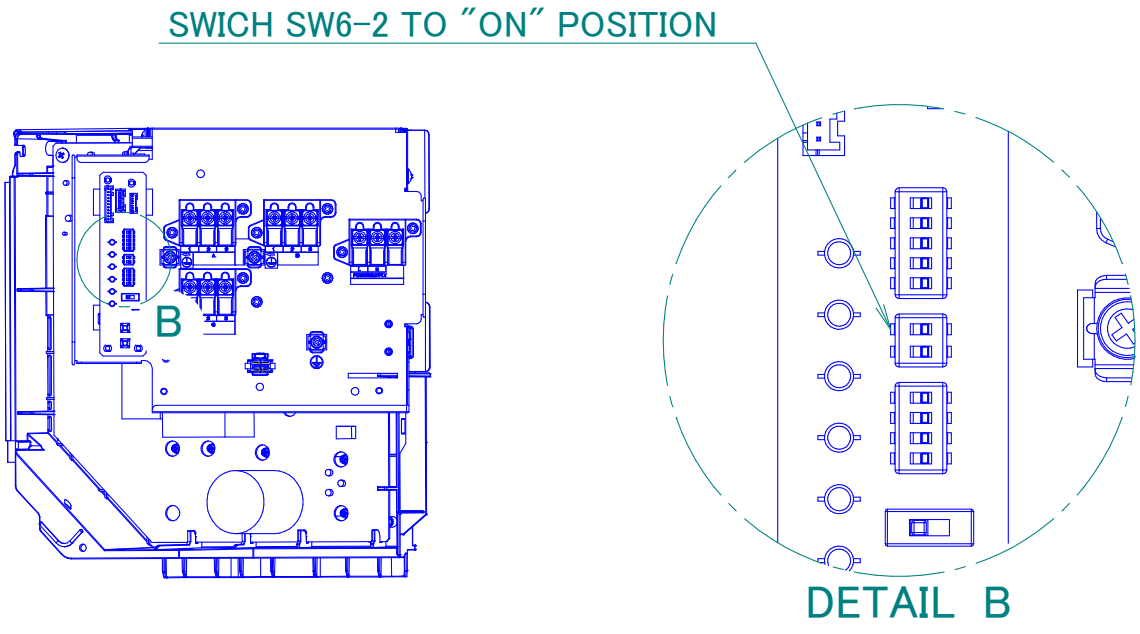
3D106223B

11 Installation

11 - 1 Installation Method

3MXM40-52A



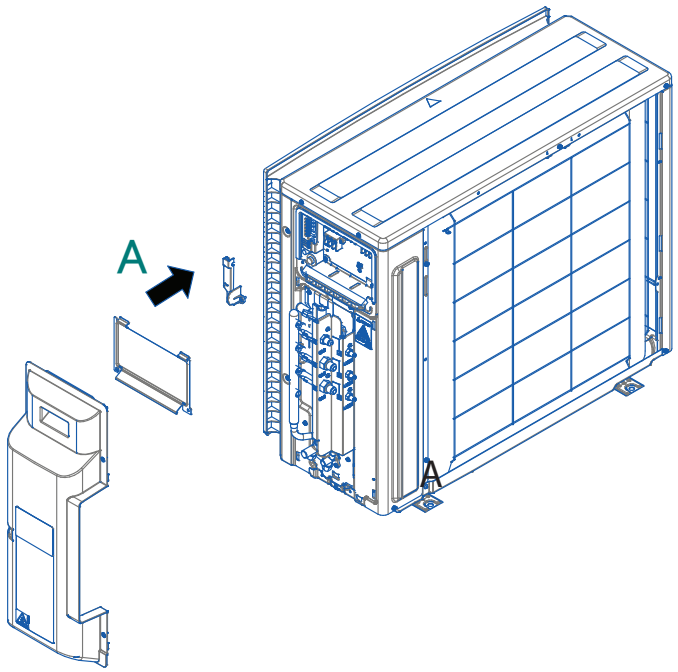


4D133753

11 Installation

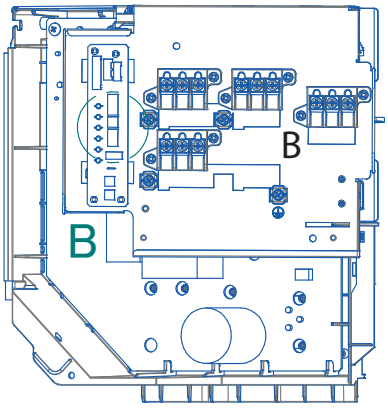
11 - 1 Installation Method

3MXM68A

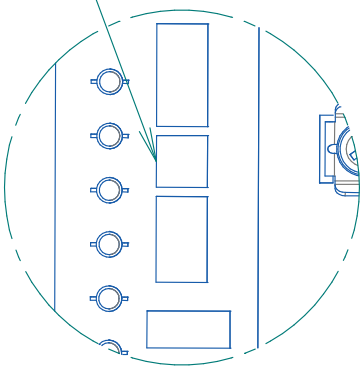


Disassembly of unit

Swich SW6-2 to “on” position



Arrow view A
El. Compo. Assy



Detail B

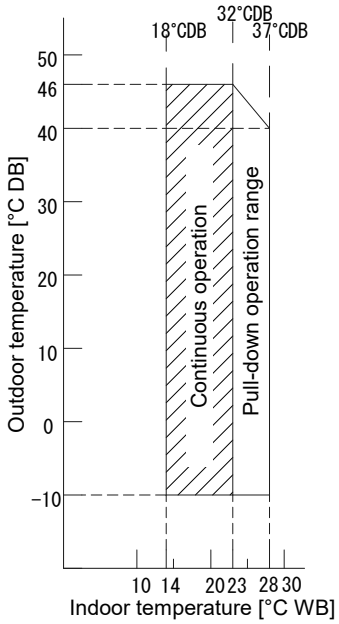
4D139894

12 Operation range

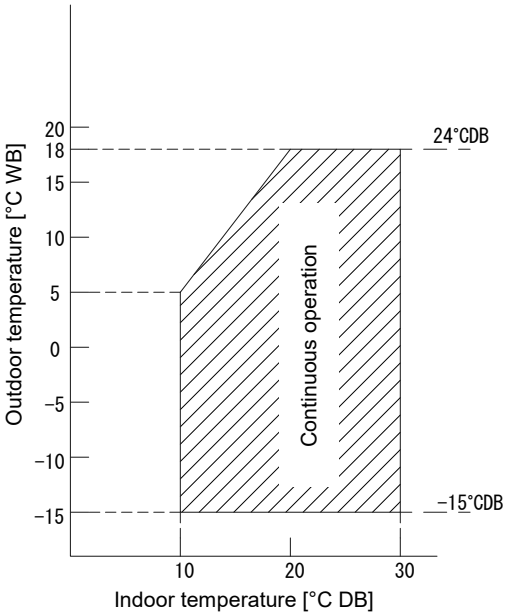
12 - 1 Operation Range

2MXM-A
3MXM-A
4MXM-A
5MXM-A

Cooling



Heating

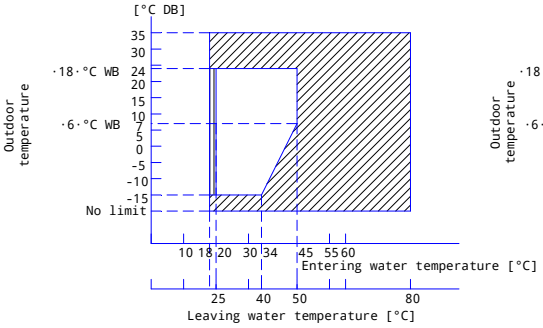


Notes
1. The ·graph· is based on the following conditions.
Corresponding refrigerant piping length: ·5· m
Level difference: ·0·m
Air flow rate High

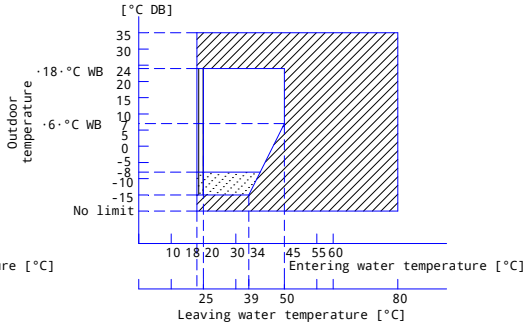
3D101376D

3MXM52-68A
4MXM-A
5MXM-A

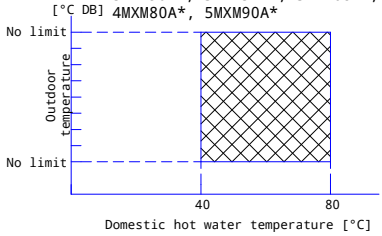
Hybrid unit operation only
See note ·2·.
Applicable models
3MXM52N*
3MXM52A*



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
1) When the heat pump is operating and the ambient temperature drops below ·-8·°C, then the heat pump will keep operating.
2) 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.

3D109333A

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EEDEN22 04/2022

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