

Air Conditioning
Technical Data

5MXM-N



> 5MXM90N2V1B

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1 Features

- 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 5 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 Technical Specifications					5MXM90N	
Casing	Colour				Ivory white	
Dimensions	Unit	Height	mm		734	
		Width	mm		958	
		Depth	mm		340	
	Packed unit	Height	mm		820	
		Width	mm		1,050	
		Depth	mm		840	
Weight	Unit		kg		68	
	Packed unit		kg		72	
Packing	Weight		kg		4	
Heat exchanger	Length		mm		920 / 650	
	Rows	Quantity			2 / 1	
	Fin pitch		mm		1.4 / 1.8	
	Passes	Quantity			32 / 12	
	Tube type			ø8 Hi-XA		
	Fin	Type		WHS8 FIN-HYDROPHILIC		
		Treatment		Anti-corrosion treatment		
Compressor	Model				2YC71DXD#C	
	Type				Hermetically sealed swing compressor	
	Output		W		2,400	
Fan	Type				Propeller	
	Air flow rate	Cooling	High	m³/min	49.1	
				cfm	1,734	
			Nom.	m³/min	49.1	
				cfm	1,734	
			Super low	cfm	851	
				m³/min	24.1	
		Heating	High	m³/min	50.4	
				cfm	1,780	
			Nom.	m³/min	50.4	
				cfm	1,780	
			Super low	cfm	851	
				m³/min	24.1	
	Fan motor	Model				DB90B-37
Output			W		128	
Speed		Cooling	High	rpm	800	
				rpm	800	
			Low	rpm	420	
		Heating		High	rpm	820
			rpm		820	
			Low	rpm	420	
Sound power level	Cooling			dBA		64
	Heating			dBA		64
Sound pressure level	Cooling	Nom.		dBA		52
	Heating	Nom.		dBA		52
Operation range	Cooling	Ambient	Min.	°CDB		-10
			Max.	°CDB		46
	Heating	Ambient	Min.	°CWB		-15
			Max.	°CWB		18
Refrigerant	Type				R-32	
	Charge			kg		2.40
				TCO ₂ eq		1.6
	GWP				675	

2 Specifications

2-1 Technical Specifications				5MXM90N
Piping connections	Liquid	Quantity		5
		OD	mm	6.35
	Gas	Quantity		2
		OD	mm	9.5
	Drain	ID	mm	16
	Gas 2	Quantity		1
		OD	mm	12.70
	Gas 3	Quantity		2
		OD	mm	15.90
	Piping length	OU - IU	Max. m	25
	Additional refrigerant charge			0.02 (for piping length exceeding 30m)
	Level difference	IU - OU	Max. m	15
		IU - IU	Max. m	7.5
Refrigerant oil	Heat insulation			Both liquid and gas pipes
	Total piping length	System	Actual m	75
	Charged volume			0.90
	Type			FW68DA

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Screw bag; Quantity : 1;

Standard Accessories : Drain plug; Quantity : 1;

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

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

Standard Accessories : Reducer assembly; Quantity : 1;

2-2 Electrical Specifications				5MXM90N
Power supply	Name			V1
	Phase			1~
	Frequency		Hz	50
	Voltage		V	220-240
Current - 50Hz	Maximum fuse amps (MFA)		A	30
Current	Nominal running current (RLA)	Cooling	A	9.94
		Heating	A	10.25
	Starting current	Cooling	A	11.8
		Heating	A	11.8

Notes

Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

5MXM-N

Outdoor unit	Power supply					COMP		OFM	
Model name	Hz	Voltage	Voltage range	MCA	MFA	RHz	RLA	kW	FLA
3MXM40N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	22,62	25	-	2,9	0,056	0,37
	50	230					3,0		
	50	240					3,1		
3MXM52N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	22,90	25	-	4,5	0,056	0,37
	50	230					4,7		
	50	240					4,9		
3MXM68N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	27,18	32	-	8,0	0,056	0,37
	50	230					8,4		
	50	240					8,7		
4MXM68N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	27,18	32	-	7,0	0,056	0,37
	50	230					7,3		
	50	240					7,6		
4MXM80N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	29,06	32	-	8,5	0,075	0,50
	50	230					8,9		
	50	240					9,3		
5MXM90N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	29,31	32	-	9,2	0,075	0,50
	50	230					9,6		
	50	240					10,0		
3AMXM52M3V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	22,90	25	-	4,5	0,056	0,37
	50	230					4,7		
	50	240					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.

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]

3D110208

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1,5	1,80	---	---	---	---	1,78	1,80	2,98	0,43	0,48	0,93	1,95	2,20	4,26	95
	2,0	2,00	---	---	---	---	1,86	2,00	3,09	0,44	0,56	0,99	2,00	2,57	4,53	95
	2,5	2,50	---	---	---	---	1,98	2,50	3,61	0,48	0,71	1,14	2,18	3,25	5,24	95
	3,5	3,50	---	---	---	---	2,03	3,50	4,92	0,50	1,14	1,43	2,31	5,22	6,53	95
	4,2	---	---	4,20	---	---	2,06	4,20	5,06	0,51	1,46	1,54	2,35	6,69	7,06	95
	5,0	---	---	5,00	---	---	2,20	5,00	5,94	0,48	1,52	1,74	2,18	6,96	7,95	95
	6,0	---	---	6,00	---	---	2,31	6,00	6,73	0,49	1,89	2,17	2,22	8,65	9,94	95
	7,1	---	---	7,10	---	---	2,43	7,10	7,53	0,51	2,57	2,66	2,35	11,77	12,16	95
	1.5+1.5	1,50	1,50	---	---	---	2,01	3,00	4,11	0,42	0,51	1,01	1,94	2,34	4,64	95
	1.5+2.0	1,50	2,00	---	---	---	2,03	3,50	4,59	0,46	0,63	1,19	2,11	2,89	5,46	95
	1.5+2.5	1,50	2,50	---	---	---	2,09	4,00	5,06	0,42	0,76	1,23	1,94	3,48	5,62	95
	1.5+3.5	1,50	3,50	---	---	---	2,20	5,00	5,94	0,42	1,03	1,59	1,94	4,72	7,29	95
	1.5+4.2	1,50	---	4,20	---	---	2,27	5,70	6,50	0,42	1,28	1,86	1,94	5,86	8,51	95
	1.5+5.0	1,50	---	5,00	---	---	2,36	6,50	7,11	0,46	1,53	2,15	2,11	7,01	9,86	95
	1.5+6.0	1,50	---	6,00	---	---	2,48	7,50	7,79	0,50	1,89	2,29	2,27	8,65	10,47	95
	1.5+7.1	1,50	---	7,10	---	---	2,64	8,60	8,62	0,52	2,28	2,67	2,40	10,44	12,22	95
	2.0+2.0	2,00	2,00	---	---	---	2,09	4,00	5,41	0,46	0,75	1,59	2,11	3,44	7,29	95
	2.0+2.5	2,00	2,50	---	---	---	2,14	4,50	5,84	0,46	0,91	1,59	2,11	4,17	7,29	95
	2.0+3.5	2,00	3,50	---	---	---	2,25	5,50	6,49	0,46	1,18	1,86	2,11	5,41	8,51	95
	2.0+4.2	2,00	---	4,20	---	---	2,33	6,20	6,89	0,46	1,43	2,09	2,11	6,55	9,57	95
	2.0+5.0	2,00	---	5,00	---	---	2,42	7,00	7,46	0,46	1,66	2,31	2,11	7,60	10,55	95
	2.0+6.0	1,88	---	5,63	---	---	2,55	7,50	8,12	0,50	1,85	2,50	2,27	8,47	11,45	95
	2.0+7.1	1,76	---	6,24	---	---	2,71	8,00	8,64	0,52	2,00	2,79	2,40	9,16	12,75	95
	2.5+2.5	2,50	2,50	---	---	---	2,20	5,00	6,32	0,42	1,02	1,77	1,94	4,67	8,11	95
	2.5+3.5	2,50	3,50	---	---	---	2,31	6,00	6,73	0,46	1,40	2,00	2,11	6,41	9,16	95
	2.5+4.2	2,50	---	4,20	---	---	2,39	6,70	7,25	0,46	1,58	2,29	2,11	7,24	10,47	95
	2.5+5.0	2,50	---	5,00	---	---	2,48	7,50	7,79	0,49	1,85	2,51	2,23	8,47	11,49	95
	2.5+6.0	2,35	---	5,65	---	---	2,63	8,00	8,42	0,52	2,00	2,67	2,40	9,16	12,22	95
	2.5+7.1	2,21	---	6,29	---	---	2,79	8,50	8,64	0,55	2,17	2,79	2,53	9,94	12,75	95
	3.5+3.5	3,50	3,50	---	---	---	2,42	7,00	7,46	0,49	1,66	2,39	2,23	7,60	10,96	95
	3.5+4.2	3,50	---	4,20	---	---	2,51	7,70	7,81	0,49	1,92	2,60	2,23	8,79	11,89	95
	3.5+5.0	3,29	---	4,71	---	---	2,63	8,00	8,14	0,52	1,99	2,62	2,40	9,11	11,98	95
	3.5+6.0	2,95	---	5,05	---	---	2,77	8,00	8,62	0,55	1,96	2,79	2,53	8,98	12,75	95
	3.5+7.1	2,97	---	6,03	---	---	2,93	9,00	9,15	0,59	2,41	2,79	2,69	11,03	12,75	95
	4.2+4.2	4,00	---	4,00	---	---	2,61	8,00	8,13	0,52	2,07	2,60	2,36	9,48	11,89	95
	4.2+5.0	3,65	---	4,35	---	---	2,73	8,00	8,49	0,55	2,02	2,73	2,53	9,25	12,50	95
	4.2+6.0	3,50	---	5,00	---	---	2,88	8,50	8,63	0,55	2,21	2,79	2,53	10,12	12,75	95
	4.2+7.1	3,35	---	5,65	---	---	3,04	9,00	9,18	0,59	2,41	2,90	2,69	11,03	13,28	95
	5.0+5.0	4,25	---	4,25	---	---	2,85	8,50	8,92	0,55	2,10	2,84	2,53	9,62	12,99	95
	5.0+6.0	4,09	---	4,91	---	---	2,99	9,00	9,16	0,59	2,20	2,89	2,69	10,07	13,24	95
	5.0+7.1	3,72	---	5,28	---	---	3,16	9,00	9,06	0,62	2,17	3,02	2,82	9,94	13,81	95
	6.0+6.0	4,50	---	4,50	---	---	3,14	9,00	9,46	0,59	2,19	2,99	2,69	10,03	13,69	95
	6.0+7.1	4,12	---	4,88	---	---	3,30	9,00	9,48	0,63	2,16	2,99	2,86	9,89	13,69	95
	7.1+7.1	4,50	---	4,50	---	---	3,46	9,00	9,50	0,65	2,16	2,99	2,99	9,89	13,69	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105424

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5+1.5+1.5	1,50	1,50	1,50	---	---	2,14	4,50	5,51	0,43	0,83	1,24	1,98	3,80	5,66	95
	1.5+1.5+2.0	1,50	1,50	2,00	---	---	2,20	5,00	5,94	0,43	0,96	1,40	1,98	4,40	6,39	95
	1.5+1.5+2.5	1,50	1,50	2,50	---	---	2,25	5,50	6,34	0,43	1,09	1,57	1,98	4,99	7,17	95
	1.5+1.5+3.5	1,50	1,50	3,50	---	---	2,36	6,50	7,11	0,46	1,38	1,93	2,11	6,32	8,84	95
	1.5+1.5+4.2	1,50	1,50	4,20	---	---	2,44	7,20	7,60	0,46	1,61	2,18	2,11	7,37	9,98	95
	1.5+1.5+5.0	1,41	1,41	4,69	---	---	2,55	7,50	8,12	0,50	1,75	2,41	2,27	8,01	11,04	95
	1.5+1.5+6.0	1,33	1,33	5,33	---	---	2,70	8,00	8,70	0,53	1,96	2,51	2,44	8,98	11,49	95
	1.5+1.5+7.1	1,26	1,26	5,98	---	---	2,86	8,50	9,25	0,56	2,20	2,87	2,57	10,07	13,12	95
	1.5+2.0+2.0	1,50	2,00	2,00	---	---	2,25	5,50	6,34	0,46	1,09	1,57	2,11	4,99	7,17	95
	1.5+2.0+2.5	1,50	2,00	2,50	---	---	2,31	6,00	6,73	0,43	1,23	1,74	1,98	5,63	7,98	95
	1.5+2.0+3.5	1,50	2,00	3,50	---	---	2,42	7,00	7,46	0,46	1,52	2,14	2,11	6,96	9,78	95
	1.5+2.0+4.2	1,50	2,00	4,20	---	---	2,51	7,70	7,93	0,50	1,83	2,39	2,27	8,38	10,96	95
	1.5+2.0+5.0	1,41	1,88	4,71	---	---	2,63	8,00	8,42	0,50	1,95	2,57	2,27	8,93	11,77	95
	1.5+2.0+6.0	1,26	1,68	5,05	---	---	2,77	8,00	8,96	0,53	1,94	2,68	2,44	8,88	12,26	95
	1.5+2.0+7.1	1,27	1,70	6,03	---	---	2,93	9,00	9,30	0,56	2,39	2,87	2,57	10,94	13,12	95
	1.5+2.5+2.5	1,50	2,50	2,50	---	---	2,36	6,50	7,11	0,46	1,39	1,93	2,11	6,37	8,84	95
	1.5+2.5+3.5	1,50	2,50	3,50	---	---	2,48	7,50	7,79	0,50	1,72	2,29	2,27	7,88	10,47	95
	1.5+2.5+4.2	1,46	2,44	4,10	---	---	2,58	8,00	8,24	0,50	1,99	2,56	2,27	9,11	11,73	95
	1.5+2.5+5.0	1,33	2,22	4,44	---	---	2,70	8,00	8,70	0,52	1,95	2,75	2,40	8,93	12,59	95
	1.5+2.5+6.0	1,28	2,13	5,10	---	---	2,85	8,50	9,21	0,53	2,20	2,87	2,44	10,07	13,12	95
	1.5+2.5+7.1	1,22	2,03	5,76	---	---	3,01	9,00	9,49	0,56	2,39	2,99	2,57	10,94	13,69	95
	1.5+3.5+3.5	1,41	3,29	3,29	---	---	2,63	8,00	8,42	0,52	2,00	2,67	2,40	9,16	12,22	95
	1.5+3.5+4.2	1,30	3,04	3,65	---	---	2,73	8,00	8,65	0,52	1,99	2,79	2,40	9,11	12,75	95
	1.5+3.5+5.0	1,28	2,98	4,25	---	---	2,85	8,50	8,83	0,56	2,20	2,81	2,57	10,07	12,87	95
	1.5+3.5+6.0	1,23	2,86	4,91	---	---	2,99	9,00	9,29	0,56	2,39	2,87	2,57	10,94	13,12	95
	1.5+3.5+7.1	1,12	2,60	5,28	---	---	3,16	9,00	9,50	0,59	2,36	2,99	2,69	10,81	13,69	95
	1.5+4.2+4.2	1,36	---	3,82	3,82	---	2,83	9,00	9,17	0,55	2,23	2,79	2,53	10,21	12,75	95
	1.5+4.2+5.0	1,26	---	3,53	4,21	---	2,95	9,00	9,19	0,56	2,18	2,81	2,57	9,98	12,87	95
	1.5+4.2+6.0	1,15	---	3,23	4,62	---	3,10	9,00	9,49	0,59	2,15	2,99	2,69	9,84	13,69	95
	1.5+4.2+7.1	1,05	---	2,95	4,99	---	3,26	9,00	9,51	0,63	2,13	2,99	2,86	9,75	13,69	95
	1.5+5.0+5.0	1,17	---	3,91	3,91	---	3,07	9,00	9,20	0,59	2,04	2,95	2,69	9,34	13,52	95
	1.5+5.0+6.0	1,08	---	3,60	4,32	---	3,21	9,00	9,66	0,59	2,03	3,02	2,69	9,30	13,81	95
	1.5+5.0+7.1	0,99	---	3,31	4,70	---	3,38	9,00	9,68	0,63	2,01	3,02	2,86	9,20	13,81	95
	1.5+6.0+6.0	1,00	---	4,00	4,00	---	3,36	9,00	10,13	0,63	2,02	3,08	2,86	9,25	14,09	95
	1.5+6.0+7.1	1,19	---	3,58	4,23	---	3,51	9,00	10,15	0,65	2,00	3,08	2,99	9,16	14,09	95
	2.0+2.0+2.0	2,00	2,00	2,00	---	---	2,31	6,00	6,76	0,46	1,23	1,74	2,11	5,63	7,98	95
	2.0+2.0+2.5	2,00	2,00	2,50	---	---	2,36	6,50	7,11	0,46	1,39	1,93	2,11	6,37	8,84	95
	2.0+2.0+3.5	2,00	2,00	3,50	---	---	2,48	7,50	7,79	0,50	1,72	2,29	2,27	7,88	10,47	95
	2.0+2.0+4.2	2,00	2,00	4,20	---	---	2,58	8,20	8,24	0,50	2,04	2,56	2,27	9,34	11,73	95
	2.0+2.0+5.0	1,78	1,78	4,44	---	---	2,70	8,00	8,70	0,52	1,95	2,75	2,40	8,93	12,59	95
	2.0+2.0+6.0	1,70	1,70	5,10	---	---	2,85	8,50	9,21	0,53	2,20	2,87	2,44	10,07	13,12	95
	2.0+2.0+7.1	1,62	1,62	5,76	---	---	3,01	9,00	9,49	0,56	2,36	2,99	2,57	10,81	13,69	95
	2.0+2.5+2.5	2,00	2,50	2,50	---	---	2,42	7,00	7,46	0,46	1,52	2,14	2,11	6,96	9,78	95
	2.0+2.5+3.5	1,88	2,34	3,28	---	---	2,55	7,50	8,12	0,50	1,72	2,50	2,27	7,88	11,45	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105425

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	2.0+2.5+4.2	1,84	2,30	3,86	---	---	2,66	8,00	8,53	0,52	1,99	2,73	2,40	9,11	12,50	95
	2.0+2.5+5.0	1,68	2,11	4,21	---	---	2,77	8,00	8,82	0,52	1,95	2,80	2,40	8,93	12,83	95
	2.0+2.5+6.0	1,66	2,07	4,97	---	---	2,92	8,70	9,28	0,56	2,29	2,87	2,57	10,49	13,12	95
	2.0+2.5+7.1	1,55	1,94	5,51	---	---	3,08	9,00	9,49	0,59	2,35	2,99	2,69	10,76	13,69	95
	2.0+3.5+3.5	1,78	3,11	3,11	---	---	2,70	8,00	8,64	0,52	1,98	2,79	2,40	9,07	12,75	95
	2.0+3.5+4.2	1,75	3,07	3,68	---	---	2,80	8,50	8,65	0,55	2,17	2,79	2,53	9,94	12,75	95
	2.0+3.5+5.0	1,66	2,90	4,14	---	---	2,92	8,70	8,83	0,56	2,28	2,81	2,57	10,44	12,87	95
	2.0+3.5+6.0	1,57	2,74	4,70	---	---	3,07	9,00	9,48	0,59	2,35	2,99	2,69	10,76	13,69	95
	2.0+3.5+7.1	1,43	2,50	5,07	---	---	3,23	9,00	9,50	0,63	2,32	2,99	2,86	10,62	13,69	95
	2.0+4.2+4.2	1,67	---	3,51	3,51	---	2,91	8,70	8,83	0,55	2,24	2,79	2,53	10,26	12,75	95
	2.0+4.2+5.0	1,61	---	3,38	4,02	---	3,02	9,00	9,02	0,59	2,36	2,93	2,69	10,81	13,40	95
	2.0+4.2+6.0	1,48	---	3,10	4,43	---	3,17	9,00	9,49	0,59	2,33	2,99	2,69	10,67	13,69	95
	2.0+4.2+7.1	1,35	---	2,84	4,80	---	3,33	9,00	9,51	0,63	2,30	2,99	2,86	10,53	13,69	95
	2.0+5.0+5.0	1,50	---	3,75	3,75	---	3,14	9,00	9,20	0,59	2,22	2,95	2,69	10,17	13,52	95
	2.0+5.0+6.0	1,38	---	3,46	4,15	---	3,29	9,00	9,66	0,63	2,19	3,02	2,86	10,03	13,81	95
	2.0+5.0+7.1	1,28	---	3,19	4,53	---	3,45	9,00	9,68	0,65	2,17	3,02	2,99	9,94	13,81	95
	2.0+6.0+6.0	1,29	---	3,86	3,86	---	3,43	9,00	10,13	0,63	2,18	3,08	2,86	9,98	14,09	95
	2.0+6.0+7.1	1,19	---	3,58	4,23	---	3,59	9,00	10,61	0,65	2,16	3,56	2,99	9,89	16,29	95
	2.5+2.5+2.5	2,50	2,50	2,50	---	---	2,48	7,50	7,79	0,50	1,71	2,29	2,27	7,83	10,47	95
	2.5+2.5+3.5	2,35	2,35	3,29	---	---	2,63	8,00	8,42	0,52	1,98	2,67	2,40	9,07	12,22	95
	2.5+2.5+4.2	2,17	2,17	3,65	---	---	2,73	8,00	8,64	0,52	1,97	2,79	2,40	9,02	12,75	95
	2.5+2.5+5.0	2,13	2,13	4,25	---	---	2,85	8,50	8,82	0,56	2,20	2,80	2,57	10,07	12,83	95
	2.5+2.5+6.0	2,05	2,05	4,91	---	---	2,99	9,00	9,28	0,56	2,35	2,87	2,57	10,76	13,12	95
	2.5+2.5+7.1	1,86	1,86	5,28	---	---	3,16	9,00	9,49	0,59	2,32	2,99	2,69	10,62	13,69	95
	2.5+3.5+3.5	2,11	2,95	2,95	---	---	2,77	8,00	8,64	0,55	1,96	2,79	2,53	8,98	12,75	95
	2.5+3.5+4.2	2,08	2,92	3,50	---	---	2,88	8,50	8,65	0,55	2,19	2,79	2,53	10,03	12,75	95
	2.5+3.5+5.0	2,05	2,86	4,09	---	---	2,99	9,00	9,09	0,59	2,33	2,84	2,69	10,67	13,02	95
	2.5+3.5+6.0	1,88	2,63	4,50	---	---	3,14	9,00	9,48	0,59	2,30	2,99	2,69	10,53	13,69	95
	2.5+3.5+7.1	1,72	2,40	4,88	---	---	3,30	9,00	9,50	0,63	2,27	2,99	2,86	10,39	13,69	95
	2.5+4.2+4.2	2,00	---	3,35	3,35	---	2,98	8,70	8,86	0,59	2,33	2,85	2,69	10,67	13,04	95
	2.5+4.2+5.0	1,92	---	3,23	3,85	---	3,10	9,00	9,02	0,59	2,35	2,93	2,69	10,76	13,40	95
	2.5+4.2+6.0	1,77	---	2,98	4,25	---	3,24	9,00	9,49	0,63	2,32	2,99	2,86	10,62	13,69	95
	2.5+4.2+7.1	1,63	---	2,74	4,63	---	3,41	9,00	9,51	0,65	2,29	2,99	2,99	10,49	13,69	95
	2.5+5.0+5.0	1,80	---	3,60	3,60	---	3,21	9,00	9,20	0,62	2,21	3,00	2,82	10,12	13,73	95
	2.5+5.0+6.0	1,67	---	3,33	4,00	---	3,36	9,00	9,66	0,63	2,18	3,02	2,86	9,98	13,81	95
	2.5+5.0+7.1	1,54	---	3,08	4,38	---	3,51	9,00	9,68	0,65	2,16	3,02	2,99	9,89	13,81	95
	2.5+6.0+6.0	1,55	---	3,72	3,72	---	3,50	9,00	10,13	0,65	2,17	3,08	2,99	9,94	14,09	95
	2.5+6.0+7.1	1,44	---	3,46	4,10	---	3,66	9,00	10,61	0,65	2,15	3,56	2,99	9,84	16,29	95
	3.5+3.5+3.5	2,90	2,90	2,90	---	---	2,92	8,70	8,77	0,59	2,23	2,90	2,69	10,21	13,28	95
	3.5+3.5+4.2	2,75	2,75	3,30	---	---	3,02	8,80	8,83	0,59	2,34	2,90	2,69	10,71	13,28	95
	3.5+3.5+5.0	2,63	2,63	3,75	---	---	3,14	9,00	9,02	0,62	2,33	2,95	2,82	10,67	13,52	95
	3.5+3.5+6.0	2,42	2,42	4,15	---	---	3,29	9,00	9,49	0,63	2,30	2,99	2,86	10,53	13,69	95
	3.5+3.5+7.1	2,23	2,23	4,53	---	---	3,45	9,00	9,51	0,65	2,28	2,99	2,99	10,44	13,69	95
	3.5+4.2+4.2	2,65	---	3,18	3,18	---	3,13	9,00	9,14	0,62	2,38	2,93	2,82	10,90	13,43	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105426

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	3.5+4.2+5.0	2.48	---	2.98	3.54	---	3.24	9.00	9.18	0.62	2.32	2.93	2.82	10.62	13.40	95
	3.5+4.2+6.0	2.30	---	2.76	3.94	---	3.39	9.00	9.50	0.65	2.29	2.99	2.99	10.49	13.69	95
	3.5+4.2+7.1	2.13	---	2.55	4.32	---	3.54	9.00	10.01	0.69	2.26	3.52	3.16	10.35	16.09	95
	3.5+5.0+5.0	2.33	---	3.33	3.33	---	3.36	9.00	9.20	0.65	2.19	2.98	2.99	10.03	13.65	95
	3.5+5.0+6.0	2.17	---	3.10	3.72	---	3.50	9.00	9.67	0.65	2.16	3.02	2.99	9.89	13.81	95
	3.5+5.0+7.1	2.02	---	2.88	4.10	---	3.66	9.00	10.14	0.69	2.14	3.48	3.16	9.80	15.93	95
	3.5+6.0+6.0	2.03	---	3.48	3.48	---	3.65	9.00	10.59	0.65	2.15	3.56	2.99	9.84	16.29	95
	4.2+4.2+4.2	3.00	---	3.00	3.00	---	3.23	9.00	9.18	0.65	2.37	2.91	2.99	10.85	13.32	95
	4.2+4.2+5.0	2.82	---	2.82	3.36	---	3.35	9.00	9.26	0.65	2.31	2.93	2.99	10.58	13.40	95
	4.2+4.2+6.0	2.63	---	2.63	3.75	---	3.48	9.00	9.51	0.65	2.28	2.99	2.99	10.44	13.69	95
	4.2+4.2+7.1	2.44	---	2.44	4.12	---	3.65	9.00	10.02	0.69	2.25	3.52	3.16	10.30	16.09	95
	4.2+5.0+5.0	2.66	---	3.17	3.17	---	3.46	9.00	9.21	0.68	2.30	2.95	3.12	10.53	13.52	95
	4.2+5.0+6.0	2.49	---	2.96	3.55	---	3.60	9.00	10.18	0.69	2.27	3.54	3.16	10.39	16.21	95
	5.0+5.0+5.0	3.00	---	3.00	3.00	---	3.57	9.00	9.98	0.69	2.29	3.62	3.16	10.49	16.58	95
	1.5+1.5+1.5+1.5	1.50	1.50	1.50	1.50	---	2.31	6.00	6.73	0.44	1.25	1.44	2.02	5.73	6.60	95
	1.5+1.5+1.5+2.0	1.50	1.50	1.50	2.00	---	2.36	6.50	7.11	0.47	1.38	1.62	2.15	6.32	7.41	95
	1.5+1.5+1.5+2.5	1.50	1.50	1.50	2.50	---	2.42	7.00	7.46	0.47	1.50	1.76	2.15	6.87	8.06	95
	1.5+1.5+1.5+3.5	1.41	1.41	1.41	3.28	---	2.55	7.50	8.12	0.50	1.63	2.06	2.27	7.46	9.45	95
	1.5+1.5+1.5+4.2	1.38	1.38	1.38	3.86	---	2.66	8.00	8.53	0.50	1.94	2.39	2.27	8.88	10.96	95
	1.5+1.5+1.5+5.0	1.26	1.26	1.26	4.21	---	2.77	8.00	8.96	0.53	1.90	2.58	2.44	8.70	11.81	95
	1.5+1.5+1.5+6.0	1.24	1.24	1.24	4.97	---	2.92	8.70	9.44	0.53	2.34	2.63	2.44	10.71	12.02	95
	1.5+1.5+1.5+7.1	1.16	1.16	1.16	5.51	---	3.08	9.00	9.86	0.56	2.39	2.88	2.57	10.94	13.20	95
	1.5+1.5+2.0+2.0	1.50	1.50	2.00	2.00	---	2.42	7.00	7.46	0.47	1.50	1.76	2.15	6.87	8.06	95
	1.5+1.5+2.0+2.5	1.50	1.50	2.00	2.50	---	2.48	7.50	7.79	0.47	1.63	1.91	2.15	7.46	8.76	95
	1.5+1.5+2.0+3.5	1.41	1.41	1.88	3.29	---	2.63	8.00	8.42	0.50	1.94	2.23	2.27	8.88	10.18	95
	1.5+1.5+2.0+4.2	1.30	1.30	1.74	3.65	---	2.73	8.00	8.80	0.53	1.94	2.56	2.44	8.88	11.73	95
	1.5+1.5+2.0+5.0	1.28	1.28	1.70	4.25	---	2.85	8.50	9.21	0.53	2.23	2.77	2.44	10.21	12.67	95
	1.5+1.5+2.0+6.0	1.23	1.23	1.64	4.91	---	2.99	9.00	9.64	0.56	2.39	2.75	2.57	10.94	12.59	95
	1.5+1.5+2.0+7.1	1.12	1.12	1.49	5.28	---	3.16	9.00	10.04	0.60	2.36	3.02	2.74	10.81	13.81	95
	1.5+1.5+2.5+2.5	1.41	1.41	2.34	2.34	---	2.55	7.50	8.12	0.50	1.63	2.06	2.27	7.46	9.45	95
	1.5+1.5+2.5+3.5	1.33	1.33	2.22	3.11	---	2.70	8.00	8.70	0.53	1.94	2.51	2.44	8.88	11.49	95
	1.5+1.5+2.5+4.2	1.31	1.31	2.19	3.68	---	2.80	8.50	9.06	0.53	2.25	2.74	2.44	10.30	12.55	95
	1.5+1.5+2.5+5.0	1.24	1.24	2.07	4.14	---	2.92	8.70	9.44	0.56	2.33	2.89	2.57	10.67	13.24	95
	1.5+1.5+2.5+6.0	1.17	1.17	1.96	4.70	---	3.07	9.00	9.83	0.56	2.43	2.88	2.57	11.13	13.20	95
	1.5+1.5+2.5+7.1	1.07	1.07	1.79	5.07	---	3.23	9.00	10.16	0.60	2.40	3.08	2.74	10.99	14.09	95
	1.5+1.5+3.5+3.5	1.28	1.28	2.98	2.98	---	2.85	8.50	9.21	0.53	2.25	2.80	2.44	10.30	12.83	95
	1.5+1.5+3.5+4.2	1.26	1.26	2.94	3.53	---	2.95	9.00	9.32	0.56	2.47	2.87	2.57	11.31	13.12	95
	1.5+1.5+3.5+5.0	1.17	1.17	2.74	3.91	---	3.07	9.00	9.68	0.59	2.40	3.02	2.69	10.99	13.81	95
	1.5+1.5+3.5+6.0	1.08	1.08	2.52	4.32	---	3.21	9.00	10.15	0.59	2.37	3.08	2.69	10.85	14.09	95
	1.5+1.5+3.5+7.1	0.99	0.99	2.32	4.70	---	3.38	9.00	10.17	0.63	2.34	3.08	2.86	10.71	14.09	95
	1.5+1.5+4.2+4.2	1.18	1.18	3.32	3.32	---	3.05	9.00	9.52	0.59	2.45	2.99	2.69	11.22	13.69	95
	1.5+1.5+4.2+5.0	1.11	1.11	3.10	3.69	---	3.17	9.00	9.69	0.59	2.39	3.02	2.69	10.94	13.81	95
	1.5+1.5+4.2+6.0	1.02	1.02	2.86	4.09	---	3.32	9.00	10.16	0.60	2.36	3.08	2.74	10.81	14.09	95
	1.5+1.5+4.2+7.1	0.94	0.94	2.64	4.47	---	3.47	9.00	10.18	0.63	2.33	3.08	2.86	10.67	14.09	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105427

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5+1.5+5.0+5.0	1.04	1.04	3.46	3.46	---	3.29	9.00	9.87	0.63	2.24	3.04	2.86	10.26	13.93	95
	1.5+1.5+5.0+6.0	0.96	0.96	3.21	3.86	---	3.43	9.00	10.34	0.63	2.21	3.11	2.86	10.12	14.22	95
	1.5+1.5+5.0+7.1	0.89	0.89	2.98	4.23	---	3.59	9.00	10.67	0.65	2.19	3.45	2.99	10.03	15.80	95
	1.5+1.5+6.0+6.0	0.90	0.90	3.60	3.60	---	3.57	9.00	10.66	0.63	2.20	3.10	2.86	10.07	14.17	95
	1.5+2.0+2.0+2.0	1.50	2.00	2.00	2.00	---	2.48	7.50	7.79	0.47	1.63	1.91	2.15	7.46	8.76	95
	1.5+2.0+2.0+2.5	1.41	1.88	1.88	2.34	---	2.55	7.50	8.12	0.50	1.62	2.06	2.27	7.42	9.45	95
	1.5+2.0+2.0+3.5	1.33	1.78	1.78	3.11	---	2.70	8.00	8.70	0.53	1.94	2.34	2.44	8.88	10.71	95
	1.5+2.0+2.0+4.2	1.31	1.75	1.75	3.68	---	2.80	8.50	9.06	0.53	2.25	2.74	2.44	10.30	12.55	95
	1.5+2.0+2.0+5.0	1.24	1.66	1.66	4.14	---	2.92	8.70	9.44	0.56	2.34	2.89	2.57	10.71	13.24	95
	1.5+2.0+2.0+6.0	1.17	1.57	1.57	4.70	---	3.07	9.00	9.83	0.56	2.43	2.88	2.57	11.13	13.20	95
	1.5+2.0+2.0+7.1	1.07	1.43	1.43	5.07	---	3.23	9.00	10.16	0.60	2.40	3.08	2.74	10.99	14.09	95
	1.5+2.0+2.5+2.5	1.41	1.88	2.35	2.35	---	2.63	8.00	8.42	0.50	1.95	2.23	2.27	8.93	10.18	95
	1.5+2.0+2.5+3.5	1.26	1.68	2.11	2.95	---	2.77	8.00	8.96	0.53	1.94	2.69	2.44	8.88	12.30	95
	1.5+2.0+2.5+4.2	1.25	1.67	2.08	3.50	---	2.88	8.50	9.30	0.56	2.24	2.87	2.57	10.26	13.12	95
	1.5+2.0+2.5+5.0	1.23	1.64	2.05	4.09	---	2.99	9.00	9.49	0.56	2.44	2.89	2.57	11.17	13.24	95
	1.5+2.0+2.5+6.0	1.13	1.50	1.88	4.50	---	3.14	9.00	10.01	0.59	2.41	3.01	2.69	11.03	13.77	95
	1.5+2.0+2.5+7.1	1.03	1.37	1.72	4.88	---	3.30	9.00	10.16	0.60	2.38	3.08	2.74	10.90	14.09	95
	1.5+2.0+3.5+3.5	1.24	1.66	2.90	2.90	---	2.92	8.70	9.31	0.56	2.34	2.87	2.57	10.71	13.12	95
	1.5+2.0+3.5+4.2	1.21	1.61	2.81	3.38	---	3.02	9.00	9.51	0.56	2.45	2.99	2.57	11.22	13.69	95
	1.5+2.0+3.5+5.0	1.13	1.50	2.63	3.75	---	3.14	9.00	9.68	0.59	2.39	3.02	2.69	10.94	13.81	95
	1.5+2.0+3.5+6.0	1.04	1.38	2.42	4.15	---	3.29	9.00	10.15	0.59	2.36	3.08	2.69	10.81	14.09	95
	1.5+2.0+3.5+7.1	0.96	1.28	2.23	4.53	---	3.45	9.00	10.17	0.63	2.33	3.08	2.86	10.67	14.09	95
	1.5+2.0+4.2+4.2	1.13	1.51	3.18	3.18	---	3.13	9.00	9.52	0.59	2.44	2.99	2.69	11.17	13.69	95
	1.5+2.0+4.2+5.0	1.06	1.42	2.98	3.54	---	3.24	9.00	9.69	0.63	2.38	3.02	2.86	10.90	13.81	95
	1.5+2.0+4.2+6.0	0.99	1.31	2.76	3.94	---	3.39	9.00	10.16	0.63	2.35	3.08	2.86	10.76	14.09	95
	1.5+2.0+4.2+7.1	0.91	1.22	2.55	4.32	---	3.54	9.00	10.63	0.65	2.32	3.57	2.99	10.62	16.33	95
	1.5+2.0+5.0+5.0	1.00	1.33	3.33	3.33	---	3.36	9.00	9.87	0.63	2.26	3.04	2.86	10.35	13.93	95
	1.5+2.0+5.0+6.0	0.93	1.24	3.10	3.72	---	3.50	9.00	10.34	0.63	2.23	3.11	2.86	10.21	14.22	95
	1.5+2.0+5.0+7.1	0.87	1.15	2.88	4.10	---	3.66	9.00	10.71	0.65	2.20	3.45	2.99	10.07	15.80	95
	1.5+2.0+6.0+6.0	0.87	1.16	3.48	3.48	---	3.65	9.00	10.70	0.65	2.22	3.10	2.99	10.17	14.17	95
	1.5+2.5+2.5+2.5	1.33	2.22	2.22	2.22	---	2.70	8.00	8.70	0.53	1.94	2.39	2.44	8.88	10.96	95
	1.5+2.5+2.5+3.5	1.28	2.13	2.13	2.98	---	2.85	8.50	9.21	0.53	2.24	2.87	2.44	10.26	13.12	95
	1.5+2.5+2.5+4.2	1.26	2.10	2.10	3.53	---	2.95	9.00	9.31	0.56	2.44	2.87	2.57	11.17	13.12	95
	1.5+2.5+2.5+5.0	1.17	1.96	1.96	3.91	---	3.07	9.00	9.68	0.59	2.38	3.02	2.69	10.90	13.81	95
	1.5+2.5+2.5+6.0	1.08	1.80	1.80	4.32	---	3.21	9.00	10.14	0.59	2.35	3.08	2.69	10.76	14.09	95
	1.5+2.5+2.5+7.1	0.99	1.65	1.65	4.70	---	3.38	9.00	10.16	0.63	2.32	3.08	2.86	10.62	14.09	95
	1.5+2.5+3.5+3.5	1.23	2.05	2.86	2.86	---	2.99	9.00	9.31	0.56	2.36	2.87	2.57	10.81	13.12	95
	1.5+2.5+3.5+4.2	1.15	1.92	2.69	3.23	---	3.10	9.00	9.51	0.59	2.35	2.99	2.69	10.76	13.69	95
	1.5+2.5+3.5+5.0	1.08	1.80	2.52	3.60	---	3.21	9.00	9.68	0.59	2.29	3.02	2.69	10.49	13.81	95
	1.5+2.5+3.5+6.0	1.00	1.67	2.33	4.00	---	3.36	9.00	10.15	0.63	2.26	3.08	2.86	10.35	14.09	95
	1.5+2.5+3.5+7.1	0.92	1.54	2.16	4.38	---	3.51	9.00	10.17	0.65	2.23	3.08	2.99	10.21	14.09	95
	1.5+2.5+4.2+4.2	1.09	1.81	3.05	3.05	---	3.20	9.00	9.52	0.59	2.33	2.99	2.69	10.67	13.69	95
	1.5+2.5+4.2+5.0	1.02	1.70	2.86	3.41	---	3.32	9.00	9.69	0.63	2.28	3.02	2.86	10.44	13.81	95
	1.5+2.5+4.2+6.0	0.95	1.58	2.66	3.80	---	3.46	9.00	10.16	0.63	2.25	3.08	2.86	10.30	14.09	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105428

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5+2.5+4.2+7.1	0.88	1.47	2.47	4.18	---	3.62	9.00	10.68	0.65	2.22	3.64	2.99	10.17	16.66	95
	1.5+2.5+5.0+5.0	0.96	1.61	3.21	3.21	---	3.20	9.00	9.52	0.59	2.26	2.99	2.69	10.35	13.69	95
	1.5+2.5+5.0+6.0	0.90	1.50	3.00	3.60	---	3.32	9.00	9.69	0.63	2.24	3.02	2.86	10.26	13.81	95
	1.5+3.5+3.5+3.5	1.13	2.63	2.63	2.63	---	3.14	9.00	9.51	0.59	2.35	2.99	2.69	10.76	13.69	95
	1.5+3.5+3.5+4.2	1.06	2.48	2.48	2.98	---	3.24	9.00	9.52	0.63	2.33	2.99	2.86	10.67	13.69	95
	1.5+3.5+3.5+5.0	1.00	2.33	2.33	3.33	---	3.36	9.00	9.69	0.63	2.28	3.02	2.86	10.44	13.81	95
	1.5+3.5+3.5+6.0	0.93	2.17	2.17	3.72	---	3.50	9.00	10.16	0.63	2.25	3.08	2.86	10.30	14.09	95
	1.5+3.5+3.5+7.1	0.87	2.02	2.02	4.10	---	3.66	9.00	10.71	0.65	2.22	3.71	2.99	10.17	16.99	95
	1.5+3.5+4.2+4.2	1.01	2.35	2.82	2.82	---	3.35	9.00	9.52	0.63	2.32	3.00	2.86	10.62	13.73	95
	1.5+3.5+4.2+5.0	0.95	2.22	2.66	3.17	---	3.46	9.00	9.70	0.65	2.26	3.02	2.99	10.35	13.81	95
	1.5+3.5+4.2+6.0	0.89	2.07	2.49	3.55	---	3.60	9.00	10.68	0.65	2.24	3.71	2.99	10.26	16.99	95
	1.5+3.5+5.0+5.0	0.90	2.10	3.00	3.00	---	3.57	9.00	10.47	0.65	2.25	3.73	2.99	10.30	17.07	95
	1.5+4.2+4.2+4.2	0.96	---	2.68	2.68	2.68	3.45	9.00	9.53	0.65	2.31	3.00	2.99	10.58	13.73	95
	1.5+4.2+4.2+5.0	0.91	---	2.54	2.54	3.02	3.56	9.00	10.29	0.65	2.25	3.69	2.99	10.30	16.90	95
	2.0+2.0+2.0+2.0	1.88	1.88	1.88	1.88	---	2.55	7.50	8.12	0.50	1.63	2.06	2.27	7.46	9.45	95
	2.0+2.0+2.0+2.5	1.88	1.88	1.88	2.35	---	2.63	8.00	8.42	0.50	1.90	2.23	2.27	8.70	10.18	95
	2.0+2.0+2.0+3.5	1.68	1.68	1.68	2.95	---	2.77	8.00	8.96	0.53	1.89	2.51	2.44	8.65	11.49	95
	2.0+2.0+2.0+4.2	1.67	1.67	1.67	3.50	---	2.88	8.50	9.30	0.56	2.33	2.87	2.57	10.67	13.12	95
	2.0+2.0+2.0+5.0	1.64	1.64	1.64	4.09	---	2.99	9.00	9.49	0.56	2.54	2.89	2.57	11.63	13.24	95
	2.0+2.0+2.0+6.0	1.50	1.50	1.50	4.50	---	3.14	9.00	10.01	0.60	2.50	3.01	2.74	11.45	13.77	95
	2.0+2.0+2.0+7.1	1.37	1.37	1.37	4.88	---	3.30	9.00	10.16	0.60	2.48	3.08	2.74	11.36	14.09	95
	2.0+2.0+2.5+2.5	1.73	1.73	2.17	2.17	---	2.70	7.80	8.70	0.53	1.81	2.39	2.44	8.29	10.96	95
	2.0+2.0+2.5+3.5	1.70	1.70	2.13	2.98	---	2.85	8.50	9.21	0.53	2.33	2.87	2.44	10.67	13.12	95
	2.0+2.0+2.5+4.2	1.68	1.68	2.10	3.53	---	2.95	9.00	9.31	0.56	2.61	2.87	2.57	11.95	13.12	95
	2.0+2.0+2.5+5.0	1.57	1.57	1.96	3.91	---	3.07	9.00	9.68	0.59	2.54	3.02	2.69	11.63	13.81	95
	2.0+2.0+2.5+6.0	1.44	1.44	1.80	4.32	---	3.21	9.00	10.14	0.60	2.50	3.08	2.74	11.45	14.09	95
	2.0+2.0+2.5+7.1	1.32	1.32	1.65	4.70	---	3.38	9.00	10.16	0.63	2.47	3.08	2.86	11.31	14.09	95
	2.0+2.0+3.5+3.5	1.64	1.64	2.86	2.86	---	2.99	9.00	9.31	0.56	2.46	2.87	2.57	11.26	13.12	95
	2.0+2.0+3.5+4.2	1.54	1.54	2.69	3.23	---	3.10	9.00	9.51	0.59	2.44	2.99	2.69	11.17	13.69	95
	2.0+2.0+3.5+5.0	1.44	1.44	2.52	3.60	---	3.21	9.00	9.68	0.59	2.38	3.02	2.69	10.90	13.81	95
	2.0+2.0+3.5+6.0	1.33	1.33	2.33	4.00	---	3.36	9.00	10.15	0.63	2.35	3.08	2.86	10.76	14.09	95
	2.0+2.0+3.5+7.1	1.23	1.23	2.16	4.38	---	3.51	9.00	10.17	0.65	2.32	3.08	2.99	10.62	14.09	95
	2.0+2.0+4.2+4.2	1.45	1.45	3.05	3.05	---	3.20	9.00	9.52	0.59	2.43	2.99	2.69	11.13	13.69	95
	2.0+2.0+4.2+5.0	1.36	1.36	2.86	3.41	---	3.32	9.00	9.69	0.63	2.37	3.02	2.86	10.85	13.81	95
	2.0+2.0+4.2+6.0	1.27	1.27	2.66	3.80	---	3.46	9.00	10.16	0.63	2.33	3.08	2.86	10.67	14.09	95
	2.0+2.0+4.2+7.1	1.18	1.18	2.47	4.18	---	3.62	9.00	10.68	0.65	2.31	3.57	2.99	10.58	16.33	95
	2.0+2.0+5.0+5.0	1.29	1.29	3.21	3.21	---	3.43	9.00	9.87	0.63	2.35	3.04	2.86	10.76	13.93	95
	2.0+2.0+5.0+6.0	1.20	1.20	3.00	3.60	---	3.57	9.00	10.66	0.65	2.32	3.45	2.99	10.62	15.80	95
	2.0+2.5+2.5+2.5	1.68	2.11	2.11	2.11	---	2.77	8.00	8.96	0.53	1.89	2.51	2.44	8.65	11.49	95
	2.0+2.5+2.5+3.5	1.66	2.07	2.07	2.90	---	2.92	8.70	9.30	0.56	2.39	2.87	2.57	10.94	13.12	95
	2.0+2.5+2.5+4.2	1.61	2.01	2.01	3.38	---	3.02	9.00	9.50	0.56	2.61	2.99	2.57	11.95	13.69	95
	2.0+2.5+2.5+5.0	1.50	1.88	1.88	3.75	---	3.14	9.00	9.68	0.59	2.54	3.02	2.69	11.63	13.81	95
	2.0+2.5+2.5+6.0	1.38	1.73	1.73	4.15	---	3.29	9.00	10.14	0.60	2.50	3.08	2.74	11.45	14.09	95
	2.0+2.5+2.5+7.1	1.28	1.60	1.60	4.53	---	3.45	9.00	10.16	0.63	2.47	3.08	2.86	11.31	14.09	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105429

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	2.0+2.5+3.5+3.5	1,57	1,96	2,74	2,74	---	3,07	9,00	9,50	0,59	2,46	2,99	2,69	11,26	13,69	95
	2.0+2.5+3.5+4.2	1,48	1,84	2,58	3,10	---	3,17	9,00	9,51	0,59	2,44	2,99	2,69	11,17	13,69	95
	2.0+2.5+3.5+5.0	1,38	1,73	2,42	3,46	---	3,29	9,00	9,68	0,63	2,38	3,02	2,86	10,90	13,81	95
	2.0+2.5+3.5+6.0	1,29	1,61	2,25	3,86	---	3,43	9,00	10,15	0,63	2,35	3,08	2,86	10,76	14,09	95
	2.0+2.5+3.5+7.1	1,19	1,49	2,09	4,23	---	3,59	9,00	10,63	0,65	2,32	3,57	2,99	10,62	16,33	95
	2.0+2.5+4.2+4.2	1,40	1,74	2,93	2,93	---	3,27	9,00	9,52	0,63	2,43	2,99	2,86	11,13	13,69	95
	2.0+2.5+4.2+5.0	1,31	1,64	2,76	3,28	---	3,39	9,00	9,69	0,63	2,37	3,02	2,86	10,85	13,81	95
	2.0+2.5+4.2+6.0	1,22	1,53	2,57	3,67	---	3,53	9,00	10,62	0,65	2,33	3,56	2,99	10,67	16,29	95
	2.0+2.5+5.0+5.0	1,24	1,55	3,10	3,10	---	3,50	9,00	9,87	0,65	2,35	3,04	2,99	10,76	13,93	95
	2.0+2.5+5.0+6.0	1,16	1,45	2,90	3,48	---	3,65	9,00	10,70	0,65	2,32	3,52	2,99	10,62	16,13	95
	2.0+3.5+3.5+3.5	1,44	2,52	2,52	2,52	---	3,21	9,00	9,51	0,63	2,43	2,99	2,86	11,13	13,69	95
	2.0+3.5+3.5+4.2	1,36	2,39	2,39	2,86	---	3,32	9,00	9,52	0,63	2,42	2,99	2,86	11,08	13,69	95
	2.0+3.5+3.5+5.0	1,29	2,25	2,25	3,21	---	3,43	9,00	9,69	0,65	2,35	3,02	2,99	10,76	13,81	95
	2.0+3.5+3.5+6.0	1,20	2,10	2,10	3,60	---	3,57	9,00	10,61	0,65	2,32	3,57	2,99	10,62	16,33	95
	2.0+3.5+4.2+4.2	1,29	2,27	2,72	2,72	---	3,42	9,00	9,52	0,65	2,40	3,00	2,99	10,99	13,73	95
	2.0+3.5+4.2+5.0	1,22	2,14	2,57	3,06	---	3,53	9,00	10,20	0,65	2,34	3,55	2,99	10,71	16,25	95
	2.0+3.5+5.0+5.0	1,16	2,03	2,90	2,90	---	3,65	9,00	10,47	0,69	2,34	3,73	3,16	10,71	17,07	95
	2.0+4.2+4.2+4.2	1,23	---	2,59	2,59	2,59	3,51	9,00	9,53	0,65	2,39	3,00	2,99	10,94	13,73	95
	2.0+4.2+4.2+5.0	1,17	---	2,45	2,45	2,92	3,63	9,00	10,21	0,69	2,33	3,55	3,16	10,67	16,25	95
	2.5+2.5+2.5+2.5	2,13	2,13	2,13	2,13	---	2,85	8,50	9,21	0,53	2,28	2,87	2,44	10,44	13,12	95
	2.5+2.5+2.5+3.5	2,05	2,05	2,05	2,86	---	2,99	9,00	9,30	0,56	2,48	2,87	2,57	11,36	13,12	95
	2.5+2.5+2.5+4.2	1,92	1,92	1,92	3,23	---	3,10	9,00	9,50	0,59	2,47	2,99	2,69	11,31	13,69	95
	2.5+2.5+2.5+5.0	1,80	1,80	1,80	3,60	---	3,21	9,00	9,68	0,59	2,40	3,02	2,69	10,99	13,81	95
	2.5+2.5+2.5+6.0	1,67	1,67	1,67	4,00	---	3,36	9,00	10,14	0,63	2,37	3,08	2,86	10,85	14,09	95
	2.5+2.5+2.5+7.1	1,54	1,54	1,54	4,38	---	3,51	9,00	10,16	0,65	2,34	3,08	2,99	10,71	14,09	95
	2.5+2.5+3.5+3.5	1,88	1,88	2,63	2,63	---	3,14	9,00	9,50	0,59	2,47	2,99	2,69	11,31	13,69	95
	2.5+2.5+3.5+4.2	1,77	1,77	2,48	2,98	---	3,24	9,00	9,51	0,63	2,46	2,99	2,86	11,26	13,69	95
	2.5+2.5+3.5+5.0	1,67	1,67	2,33	3,33	---	3,36	9,00	9,68	0,63	2,39	3,02	2,86	10,94	13,81	95
	2.5+2.5+3.5+6.0	1,55	1,55	2,17	3,72	---	3,50	9,00	10,15	0,65	2,36	3,08	2,99	10,81	14,09	95
	2.5+2.5+3.5+7.1	1,44	1,44	2,02	4,10	---	3,66	9,00	10,63	0,65	2,33	3,57	2,99	10,67	16,33	95
	2.5+2.5+4.2+4.2	1,68	1,68	2,82	2,82	---	3,35	9,00	9,52	0,63	2,44	2,99	2,86	11,17	13,69	95
	2.5+2.5+4.2+5.0	1,58	1,58	2,66	3,17	---	3,46	9,00	9,69	0,65	2,38	3,02	2,99	10,90	13,81	95
	2.5+2.5+4.2+6.0	1,48	1,48	2,49	3,55	---	3,60	9,00	10,68	0,65	2,35	3,56	2,99	10,76	16,29	95
	2.5+2.5+5.0+5.0	1,50	1,50	3,00	3,00	---	3,57	9,00	10,46	0,65	2,37	3,72	2,99	10,85	17,03	95
	2.5+3.5+3.5+3.5	1,73	2,42	2,42	2,42	---	3,29	9,00	9,53	0,63	2,46	2,99	2,86	11,26	13,69	95
	2.5+3.5+3.5+4.2	1,64	2,30	2,30	2,76	---	3,39	9,00	9,52	0,65	2,44	2,99	2,99	11,17	13,69	95
	2.5+3.5+3.5+5.0	1,55	2,17	2,17	3,10	---	3,50	9,00	9,69	0,65	2,38	3,02	2,99	10,90	13,81	95
	2.5+3.5+3.5+6.0	1,45	2,03	2,03	3,48	---	3,65	9,00	10,61	0,65	2,35	3,57	2,99	10,76	16,33	95
	2.5+3.5+4.2+4.2	1,56	2,19	2,63	2,63	---	3,48	9,00	9,52	0,65	2,43	3,00	2,99	11,13	13,73	95
	2.5+3.5+4.2+5.0	1,48	2,07	2,49	2,96	---	3,60	9,00	10,20	0,69	2,37	3,55	3,16	10,85	16,25	95
	2.5+4.2+4.2+4.2	1,56	2,19	2,63	2,63	---	3,59	9,00	10,03	0,69	2,42	3,52	3,16	11,08	16,09	95
	3.5+3.5+3.5+3.5	2,25	2,25	2,25	2,25	---	3,43	9,00	9,51	0,65	2,44	2,99	2,99	11,17	13,69	95
	3.5+3.5+3.5+4.2	2,14	2,14	2,14	2,57	---	3,53	9,00	10,02	0,69	2,43	3,52	3,16	11,13	16,09	95
	3.5+3.5+3.5+5.0	2,03	2,03	2,03	2,90	---	3,65	9,00	10,15	0,69	2,37	3,48	3,16	10,85	15,93	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105430

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	3.5+3.5+4.2+4.2	2,05	2,05	2,45	2,45	---	3,63	9,00	10,03	0,69	2,42	3,52	3,16	11,08	16,09	95
	1.5+1.5+1.5+1.5+1.5	1,50	1,50	1,50	1,50	1,50	2,48	7,50	7,79	0,48	1,55	1,79	2,19	7,10	8,19	95
	1.5+1.5+1.5+1.5+2.0	1,41	1,41	1,41	1,41	1,88	2,55	7,50	8,12	0,48	1,55	1,94	2,19	7,10	8,88	95
	1.5+1.5+1.5+1.5+2.5	1,41	1,41	1,41	1,41	2,35	2,63	8,00	8,42	0,51	1,75	2,10	2,32	8,01	9,61	95
	1.5+1.5+1.5+1.5+3.5	1,26	1,26	1,26	1,26	2,95	2,77	8,00	8,96	0,53	1,73	2,39	2,44	7,92	10,92	95
	1.5+1.5+1.5+1.5+4.2	1,32	1,32	1,32	1,32	3,71	2,88	9,00	9,30	0,53	2,20	2,56	2,44	10,07	11,73	95
	1.5+1.5+1.5+1.5+5.0	1,23	1,23	1,23	1,23	4,09	2,99	9,00	9,64	0,56	2,15	2,64	2,57	9,84	12,10	95
	1.5+1.5+1.5+1.5+6.0	1,13	1,13	1,13	1,13	4,50	3,14	9,00	10,01	0,57	2,12	2,69	2,61	9,71	12,30	95
	1.5+1.5+1.5+1.5+7.1	1,03	1,03	1,03	1,03	4,88	3,30	9,00	10,32	0,60	2,10	2,82	2,74	9,62	12,91	95
	1.5+1.5+1.5+2.0+2.0	1,41	1,41	1,41	1,88	1,88	2,63	8,00	8,42	0,51	1,75	2,10	2,32	8,01	9,61	95
	1.5+1.5+1.5+2.0+2.5	1,33	1,33	1,33	1,78	2,22	2,70	8,00	8,70	0,51	1,75	2,22	2,32	8,01	10,14	95
	1.5+1.5+1.5+2.0+3.5	1,28	1,28	1,28	1,70	2,98	2,85	8,50	9,21	0,53	1,95	2,50	2,44	8,93	11,45	95
	1.5+1.5+1.5+2.0+4.2	1,26	1,26	1,26	1,68	3,53	2,95	9,00	9,52	0,53	2,06	2,69	2,44	9,43	12,30	95
	1.5+1.5+1.5+2.0+5.0	1,17	1,17	1,17	1,57	3,91	3,07	9,00	9,83	0,56	2,02	2,78	2,57	9,25	12,71	95
	1.5+1.5+1.5+2.0+6.0	1,08	1,08	1,08	1,44	4,32	3,21	9,00	10,16	0,57	2,00	2,75	2,61	9,16	12,59	95
	1.5+1.5+1.5+2.0+7.1	0,99	0,99	0,99	1,32	4,70	3,38	9,00	10,43	0,60	1,97	2,96	2,74	9,02	13,56	95
	1.5+1.5+1.5+2.5+2.5	1,26	1,26	1,26	2,11	2,11	2,77	8,00	8,96	0,53	1,74	2,39	2,44	7,97	10,92	95
	1.5+1.5+1.5+2.5+3.5	1,24	1,24	1,24	2,07	2,90	2,92	8,70	9,44	0,53	2,06	2,63	2,44	9,43	12,02	95
	1.5+1.5+1.5+2.5+4.2	1,21	1,21	1,21	2,01	3,38	3,02	9,00	9,72	0,56	2,19	2,82	2,57	10,03	12,91	95
	1.5+1.5+1.5+2.5+5.0	1,13	1,13	1,13	1,88	3,75	3,14	9,00	10,01	0,56	2,14	2,90	2,57	9,80	13,28	95
	1.5+1.5+1.5+2.5+6.0	1,04	1,04	1,04	1,73	4,15	3,29	9,00	10,29	0,60	2,11	2,82	2,74	9,66	12,91	95
	1.5+1.5+1.5+2.5+7.1	0,96	0,96	0,96	1,60	4,53	3,45	9,00	10,53	0,60	2,09	2,96	2,74	9,57	13,56	95
	1.5+1.5+1.5+3.5+3.5	1,17	1,17	1,17	2,74	2,74	3,07	9,00	9,83	0,56	2,18	2,88	2,57	9,98	13,20	95
	1.5+1.5+1.5+3.5+4.2	1,11	1,11	1,11	2,58	3,10	3,17	9,00	10,07	0,60	2,17	3,02	2,74	9,94	13,81	95
	1.5+1.5+1.5+3.5+5.0	1,04	1,04	1,04	2,42	3,46	3,29	9,00	10,29	0,60	2,12	3,11	2,74	9,71	14,22	95
	1.5+1.5+1.5+3.5+6.0	0,96	0,96	0,96	2,25	3,86	3,43	9,00	10,52	0,60	2,09	2,95	2,74	9,57	13,52	95
	1.5+1.5+1.5+3.5+7.1	0,89	0,89	0,89	2,09	4,23	3,59	9,00	10,67	0,63	2,07	3,10	2,86	9,48	14,17	95
	1.5+1.5+1.5+4.2+4.2	1,05	1,05	1,05	2,93	2,93	3,27	9,00	10,19	0,60	2,16	3,09	2,74	9,89	14,13	95
	1.5+1.5+1.5+4.2+5.0	0,99	0,99	0,99	2,76	3,28	3,39	9,00	10,36	0,63	2,11	3,11	2,86	9,66	14,22	95
	1.5+1.5+1.5+4.2+6.0	0,92	0,92	0,92	2,57	3,67	3,53	9,00	10,62	0,63	2,08	3,03	2,86	9,52	13,85	95
	1.5+1.5+1.5+5.0+5.0	0,93	0,93	0,93	3,10	3,10	3,50	9,00	10,55	0,63	2,10	3,13	2,86	9,62	14,34	95
	1.5+1.5+1.5+5.0+6.0	0,87	0,87	0,87	2,90	3,48	3,65	9,00	10,70	0,63	2,07	2,98	2,86	9,48	13,65	95
	1.5+1.5+2.0+2.0+2.0	1,30	1,30	1,73	1,73	1,73	2,70	7,80	8,70	0,51	1,65	2,22	2,32	7,56	10,14	95
	1.5+1.5+2.0+2.0+2.5	1,26	1,26	1,68	1,68	2,11	2,77	8,00	8,96	0,53	1,74	2,39	2,44	7,97	10,92	95
	1.5+1.5+2.0+2.0+3.5	1,24	1,24	1,66	1,66	2,90	2,92	8,70	9,44	0,53	2,05	2,63	2,44	9,39	12,02	95
	1.5+1.5+2.0+2.0+4.2	1,21	1,21	1,61	1,61	3,38	3,02	9,00	9,72	0,56	2,18	2,82	2,57	9,98	12,91	95
	1.5+1.5+2.0+2.0+5.0	1,13	1,13	1,50	1,50	3,75	3,14	9,00	10,01	0,56	2,13	2,90	2,57	9,75	13,28	95
	1.5+1.5+2.0+2.0+6.0	1,04	1,04	1,38	1,38	4,15	3,29	9,00	10,29	0,60	2,10	2,82	2,74	9,62	12,91	95
	1.5+1.5+2.0+2.0+7.1	0,96	0,96	1,28	1,28	4,53	3,45	9,00	10,53	0,60	2,08	2,96	2,74	9,52	13,56	95
	1.5+1.5+2.0+2.5+2.5	1,28	1,28	1,70	2,13	2,13	2,85	8,50	9,21	0,53	1,84	2,50	2,44	8,43	11,45	95
	1.5+1.5+2.0+2.5+3.5	1,23	1,23	1,64	2,05	2,86	2,99	9,00	9,64	0,56	2,18	2,75	2,57	9,98	12,59	95
	1.5+1.5+2.0+2.5+4.2	1,15	1,15	1,54	1,92	3,23	3,10	9,00	9,90	0,56	2,17	2,95	2,57	9,94	13,48	95
	1.5+1.5+2.0+2.5+5.0	1,08	1,08	1,44	1,80	3,60	3,21	9,00	10,16	0,60	2,12	3,03	2,74	9,71	13,89	95
	1.5+1.5+2.0+2.5+6.0	1,00	1,00	1,33	1,67	4,00	3,36	9,00	10,41	0,60	2,09	2,95	2,74	9,57	13,52	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105431

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5+1.5+2.0+2.5+7.1	0,92	0,92	1,23	1,54	4,38	3,51	9,00	10,61	0,63	2,07	3,03	2,86	9,48	13,85	95
	1.5+1.5+2.0+3.5+3.5	1,13	1,13	1,50	2,63	2,63	3,14	9,00	10,01	0,56	2,17	3,02	2,57	9,94	13,81	95
	1.5+1.5+2.0+3.5+4.2	1,06	1,06	1,42	2,48	2,98	3,24	9,00	10,18	0,60	2,16	3,08	2,74	9,89	14,09	95
	1.5+1.5+2.0+3.5+5.0	1,00	1,00	1,33	2,33	3,33	3,36	9,00	10,36	0,60	2,11	3,11	2,74	9,66	14,22	95
	1.5+1.5+2.0+3.5+6.0	0,93	0,93	1,24	2,17	3,72	3,50	9,00	10,59	0,63	2,08	3,03	2,86	9,52	13,85	95
	1.5+1.5+2.0+3.5+7.1	0,87	0,87	1,15	2,02	4,10	3,66	9,00	10,71	0,65	2,06	3,10	2,99	9,43	14,17	95
	1.5+1.5+2.0+4.2+4.2	1,01	1,01	1,34	2,82	2,82	3,35	9,00	10,19	0,63	2,15	3,09	2,86	9,84	14,13	95
	1.5+1.5+2.0+4.2+5.0	0,95	0,95	1,27	2,66	3,17	3,46	9,00	10,36	0,63	2,10	3,11	2,86	9,62	14,22	95
	1.5+1.5+2.0+4.2+6.0	0,89	0,89	1,18	2,49	3,55	3,60	9,00	10,68	0,63	2,07	3,10	2,86	9,48	14,17	95
	1.5+1.5+2.0+5.0+5.0	0,90	0,90	1,20	3,00	3,00	3,57	9,00	10,66	0,63	2,00	3,28	2,86	9,16	14,99	95
	1.5+1.5+2.5+2.5+2.5	1,24	1,24	2,07	2,07	2,07	2,92	8,70	9,44	0,53	2,04	2,63	2,44	9,34	12,02	95
	1.5+1.5+2.5+2.5+3.5	1,17	1,17	1,96	1,96	2,74	3,07	9,00	9,83	0,56	2,17	2,88	2,57	9,94	13,20	95
	1.5+1.5+2.5+2.5+4.2	1,11	1,11	1,84	1,84	3,10	3,17	9,00	10,07	0,60	2,16	3,02	2,74	9,89	13,81	95
	1.5+1.5+2.5+2.5+5.0	1,04	1,04	1,73	1,73	3,46	3,29	9,00	10,29	0,60	2,11	3,11	2,74	9,66	14,22	95
	1.5+1.5+2.5+2.5+6.0	0,96	0,96	1,61	1,61	3,86	3,43	9,00	10,52	0,60	2,08	3,03	2,74	9,52	13,85	95
	1.5+1.5+2.5+2.5+7.1	0,89	0,89	1,49	1,49	4,23	3,59	9,00	10,67	0,63	2,06	3,10	2,86	9,43	14,17	95
	1.5+1.5+2.5+3.5+3.5	1,08	1,08	1,80	2,52	2,52	3,21	9,00	10,16	0,60	2,16	3,08	2,74	9,89	14,09	95
	1.5+1.5+2.5+3.5+4.2	1,02	1,02	1,70	2,39	2,86	3,32	9,00	10,18	0,60	2,15	3,08	2,74	9,84	14,09	95
	1.5+1.5+2.5+3.5+5.0	0,96	0,96	1,61	2,25	3,21	3,43	9,00	10,36	0,63	2,10	3,11	2,86	9,62	14,22	95
	1.5+1.5+2.5+3.5+6.0	0,90	0,90	1,50	2,10	3,60	3,57	9,00	10,66	0,63	2,07	3,10	2,86	9,48	14,17	95
	1.5+1.5+2.5+4.2+4.2	0,97	0,97	1,62	2,72	2,72	3,42	9,00	10,19	0,63	2,14	3,09	2,86	9,80	14,13	95
	1.5+1.5+2.5+4.2+5.0	0,92	0,92	1,53	2,57	3,06	3,53	9,00	10,62	0,63	2,09	3,39	2,86	9,57	15,52	95
	1.5+1.5+2.5+5.0+5.0	0,87	0,87	1,45	2,90	2,90	3,65	9,00	10,70	0,65	2,02	3,28	2,99	9,25	14,99	95
	1.5+1.5+3.5+3.5+3.5	1,00	1,00	2,33	2,33	2,33	3,36	9,00	10,18	0,63	2,15	3,08	2,86	9,84	14,09	95
	1.5+1.5+3.5+3.5+4.2	0,95	0,95	2,22	2,22	2,66	3,46	9,00	10,19	0,63	2,14	3,09	2,86	9,80	14,13	95
	1.5+1.5+3.5+3.5+5.0	0,90	0,90	2,10	2,10	3,00	3,57	9,00	10,66	0,65	2,09	3,38	2,99	9,57	15,48	95
	1.5+1.5+3.5+4.2+4.2	0,91	0,91	2,11	2,54	2,54	3,56	9,00	10,65	0,65	2,13	3,57	2,99	9,75	16,33	95
	1.5+2.0+2.0+2.0+2.0	1,26	1,68	1,68	1,68	1,68	2,77	8,00	8,96	0,53	1,73	2,39	2,44	7,92	10,92	95
	1.5+2.0+2.0+2.0+2.5	1,28	1,70	1,70	1,70	2,13	2,85	8,50	9,21	0,53	1,83	2,50	2,44	8,38	11,45	95
	1.5+2.0+2.0+2.0+3.5	1,23	1,64	1,64	1,64	2,86	2,99	9,00	9,64	0,56	2,17	2,75	2,57	9,94	12,59	95
	1.5+2.0+2.0+2.0+4.2	1,15	1,54	1,54	1,54	3,23	3,10	9,00	9,90	0,56	2,16	2,95	2,57	9,89	13,48	95
	1.5+2.0+2.0+2.0+5.0	1,08	1,44	1,44	1,44	3,60	3,21	9,00	10,16	0,60	2,11	3,03	2,74	9,66	13,89	95
	1.5+2.0+2.0+2.0+6.0	1,00	1,33	1,33	1,33	4,00	3,36	9,00	10,41	0,60	2,08	2,95	2,74	9,52	13,52	95
	1.5+2.0+2.0+2.0+7.1	0,92	1,23	1,23	1,23	4,38	3,51	9,00	10,61	0,63	2,06	3,03	2,86	9,43	13,85	95
	1.5+2.0+2.0+2.5+2.5	1,24	1,66	1,66	2,07	2,07	2,92	8,70	9,44	0,53	1,87	2,63	2,44	8,56	12,02	95
	1.5+2.0+2.0+2.5+3.5	1,17	1,57	1,57	1,96	2,74	3,07	9,00	9,83	0,56	1,92	2,88	2,57	8,79	13,20	95
	1.5+2.0+2.0+2.5+4.2	1,11	1,48	1,48	1,84	3,10	3,17	9,00	10,07	0,60	1,91	3,02	2,74	8,75	13,81	95
	1.5+2.0+2.0+2.5+5.0	1,04	1,38	1,38	1,73	3,46	3,29	9,00	10,29	0,60	1,87	3,11	2,74	8,56	14,22	95
	1.5+2.0+2.0+2.5+6.0	0,96	1,29	1,29	1,61	3,86	3,43	9,00	10,52	0,60	1,85	3,03	2,74	8,47	13,85	95
	1.5+2.0+2.0+2.5+7.1	0,89	1,19	1,19	1,49	4,23	3,59	9,00	10,67	0,63	1,83	3,10	2,86	8,38	14,17	95
	1.5+2.0+2.0+3.5+3.5	1,08	1,44	1,44	2,52	2,52	3,21	9,00	10,16	0,60	1,91	3,08	2,74	8,75	14,09	95
	1.5+2.0+2.0+3.5+4.2	1,02	1,36	1,36	2,39	2,86	3,32	9,00	10,18	0,60	1,90	3,08	2,74	8,70	14,09	95
	1.5+2.0+2.0+3.5+5.0	0,96	1,29	1,29	2,25	3,21	3,43	9,00	10,36	0,63	1,86	3,11	2,86	8,52	14,22	95
	1.5+2.0+2.0+3.5+6.0	0,90	1,20	1,20	2,10	3,60	3,57	9,00	10,66	0,63	1,84	3,10	2,86	8,43	14,17	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105432

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5+2.0+2.0+4.2+4.2	0.97	1.29	1.29	2.72	2.72	3.42	9.00	10.19	0.63	1.89	3.09	2.86	8.65	14.13	95
	1.5+2.0+2.0+4.2+5.0	0.92	1.22	1.22	2.57	3.06	3.53	9.00	10.62	0.63	1.85	3.39	2.86	8.47	15.52	95
	1.5+2.0+2.0+5.0+5.0	0.87	1.16	1.16	2.90	2.90	3.65	9.00	10.70	0.65	1.85	3.28	2.99	8.47	14.99	95
	1.5+2.0+2.5+2.5+2.5	1.23	1.64	2.05	2.05	2.05	2.99	9.00	9.64	0.56	1.92	2.75	2.57	8.79	12.59	95
	1.5+2.0+2.5+2.5+3.5	1.13	1.50	1.88	1.88	2.63	3.14	9.00	10.01	0.56	1.90	3.02	2.57	8.70	13.81	95
	1.5+2.0+2.5+2.5+4.2	1.06	1.42	1.77	1.77	2.98	3.24	9.00	10.17	0.60	1.89	3.08	2.74	8.65	14.09	95
	1.5+2.0+2.5+2.5+5.0	1.00	1.33	1.67	1.67	3.33	3.36	9.00	10.35	0.60	1.85	3.11	2.74	8.47	14.22	95
	1.5+2.0+2.5+2.5+6.0	0.93	1.24	1.55	1.55	3.72	3.50	9.00	10.59	0.63	1.83	3.03	2.86	8.38	13.85	95
	1.5+2.0+2.5+2.5+7.1	0.87	1.15	1.44	1.44	4.10	3.66	9.00	10.71	0.65	1.82	3.10	2.99	8.33	14.17	95
	1.5+2.0+2.5+3.5+3.5	1.04	1.38	1.73	2.42	2.42	3.29	9.00	10.17	0.60	1.89	3.08	2.74	8.65	14.09	95
	1.5+2.0+2.5+3.5+4.2	0.99	1.31	1.64	2.30	2.76	3.39	9.00	10.18	0.63	1.88	3.08	2.86	8.61	14.09	95
	1.5+2.0+2.5+3.5+5.0	0.93	1.24	1.55	2.17	3.10	3.50	9.00	10.36	0.63	1.85	3.11	2.86	8.47	14.22	95
	1.5+2.0+2.5+3.5+6.0	0.87	1.16	1.45	2.03	3.48	3.65	9.00	10.70	0.65	1.83	3.10	2.99	8.38	14.17	95
	1.5+2.0+2.5+4.2+4.2	0.94	1.25	1.56	2.63	2.63	3.48	9.00	10.19	0.63	1.88	3.09	2.86	8.61	14.13	95
	1.5+2.0+2.5+4.2+5.0	0.89	1.18	1.48	2.49	2.96	3.60	9.00	10.68	0.65	1.84	3.46	2.99	8.43	15.84	95
	1.5+2.0+3.5+3.5+3.5	0.96	1.29	2.25	2.25	2.25	3.43	9.00	10.18	0.63	1.88	3.08	2.86	8.61	14.09	95
	1.5+2.0+3.5+3.5+4.2	0.92	1.22	2.14	2.14	2.57	3.53	9.00	10.62	0.65	1.88	3.57	2.99	8.61	16.33	95
	1.5+2.0+3.5+3.5+5.0	0.87	1.16	2.03	2.03	2.90	3.65	9.00	10.70	0.65	1.84	3.45	2.99	8.43	15.80	95
	1.5+2.0+3.5+4.2+4.2	0.88	1.17	2.05	2.45	2.45	3.63	9.00	10.69	0.65	1.87	3.64	2.99	8.56	16.66	95
	1.5+2.5+2.5+2.5+2.5	1.17	1.96	1.96	1.96	1.96	3.07	9.00	9.83	0.56	1.91	2.88	2.57	8.75	13.20	95
	1.5+2.5+2.5+2.5+3.5	1.08	1.80	1.80	1.80	2.52	3.21	9.00	10.16	0.60	1.89	3.08	2.74	8.65	14.09	95
	1.5+2.5+2.5+2.5+4.2	1.02	1.70	1.70	1.70	2.86	3.32	9.00	10.17	0.60	1.88	3.08	2.74	8.61	14.09	95
	1.5+2.5+2.5+2.5+5.0	0.96	1.61	1.61	1.61	3.21	3.43	9.00	10.35	0.63	1.85	3.11	2.86	8.47	14.22	95
	1.5+2.5+2.5+2.5+6.0	0.90	1.50	1.50	1.50	3.60	3.57	9.00	10.66	0.63	1.83	3.10	2.86	8.38	14.17	95
	1.5+2.5+2.5+3.5+3.5	1.00	1.67	1.67	2.33	2.33	3.36	9.00	10.17	0.63	1.88	3.08	2.86	8.61	14.09	95
	1.5+2.5+2.5+3.5+4.2	0.95	1.58	1.58	2.22	2.66	3.46	9.00	10.18	0.63	1.88	3.08	2.86	8.61	14.09	95
	1.5+2.5+2.5+3.5+5.0	0.90	1.50	1.50	2.10	3.00	3.57	9.00	10.66	0.65	1.84	3.38	2.99	8.43	15.48	95
	1.5+2.5+2.5+4.2+4.2	0.91	1.51	1.51	2.54	2.54	3.56	9.00	10.65	0.65	1.87	3.64	2.99	8.56	16.66	95
	1.5+2.5+3.5+3.5+3.5	0.93	1.55	2.17	2.17	2.17	3.50	9.00	10.18	0.63	1.88	3.08	2.86	8.61	14.09	95
	1.5+2.5+3.5+3.5+4.2	0.89	1.48	2.07	2.07	2.49	3.60	9.00	10.68	0.65	1.87	3.64	2.99	8.56	16.66	95
	1.5+3.5+3.5+3.5+3.5	0.87	2.03	2.03	2.03	2.03	3.65	9.00	10.70	0.65	1.87	3.71	2.99	8.56	16.99	95
	2.0+2.0+2.0+2.0+2.0	1.70	1.70	1.70	1.70	1.70	2.85	8.50	9.21	0.53	1.83	2.50	2.44	8.38	11.45	95
	2.0+2.0+2.0+2.0+2.5	1.66	1.66	1.66	1.66	2.07	2.92	8.70	9.44	0.53	2.03	2.63	2.44	9.30	12.02	95
	2.0+2.0+2.0+2.0+3.5	1.57	1.57	1.57	1.57	2.74	3.07	9.00	9.83	0.56	1.90	2.88	2.57	8.70	13.20	95
	2.0+2.0+2.0+2.0+4.2	1.48	1.48	1.48	1.48	3.10	3.17	9.00	10.07	0.60	1.89	3.02	2.74	8.65	13.81	95
	2.0+2.0+2.0+2.0+5.0	1.38	1.38	1.38	1.38	3.46	3.29	9.00	10.29	0.60	1.85	3.11	2.74	8.47	14.22	95
	2.0+2.0+2.0+2.0+6.0	1.29	1.29	1.29	1.29	3.86	3.43	9.00	10.52	0.60	1.83	3.03	2.74	8.38	13.85	95
	2.0+2.0+2.0+2.0+7.1	1.19	1.19	1.19	1.19	4.23	3.59	9.00	10.67	0.63	1.82	3.10	2.86	8.33	14.17	95
	2.0+2.0+2.0+2.5+2.5	1.64	1.64	1.64	2.05	2.05	2.99	9.00	9.64	0.56	2.09	2.75	2.57	9.57	12.59	95
	2.0+2.0+2.0+2.5+3.5	1.50	1.50	1.50	1.88	2.63	3.14	9.00	10.01	0.56	2.07	3.02	2.57	9.48	13.81	95
	2.0+2.0+2.0+2.5+4.2	1.42	1.42	1.42	1.77	2.98	3.24	9.00	10.17	0.60	2.06	3.08	2.74	9.43	14.09	95
	2.0+2.0+2.0+2.5+5.0	1.33	1.33	1.33	1.67	3.33	3.36	9.00	10.35	0.60	2.01	3.11	2.74	9.20	14.22	95
	2.0+2.0+2.0+2.5+6.0	1.24	1.24	1.24	1.55	3.72	3.50	9.00	10.59	0.63	1.99	3.03	2.86	9.11	13.85	95
	2.0+2.0+2.0+2.5+7.1	1.15	1.15	1.15	1.44	4.10	3.66	9.00	10.71	0.65	1.97	3.10	2.99	9.02	14.17	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105433

4 Combination table

4 - 1 Combination Table

5MXM90N

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	2.0+2.0+2.0+3.5+3.5	1,38	1,38	1,38	2,42	2,42	2,99	9,00	9,64	0,56	2,06	2,75	2,57	9,43	12,59	95
	2.0+2.0+2.0+3.5+4.2	1,31	1,31	1,31	2,30	2,76	3,39	9,00	10,18	0,63	2,05	3,08	2,86	9,39	14,09	95
	2.0+2.0+2.0+3.5+5.0	1,24	1,24	1,24	2,17	3,10	3,50	9,00	10,36	0,63	2,00	3,11	2,86	9,16	14,22	95
	2.0+2.0+2.0+3.5+6.0	1,16	1,16	1,16	2,03	3,48	3,65	9,00	10,70	0,65	1,98	3,10	2,99	9,07	14,17	95
	2.0+2.0+2.0+4.2+4.2	1,25	1,25	1,25	2,63	2,63	3,48	9,00	10,19	0,63	2,04	3,09	2,86	9,34	14,13	95
	2.0+2.0+2.0+4.2+5.0	1,18	1,18	1,18	2,49	2,96	3,60	9,00	10,68	0,65	2,00	3,46	2,99	9,16	15,84	95
	2.0+2.0+2.5+2.5+2.5	1,57	1,57	1,96	1,96	1,96	3,07	9,00	9,83	0,56	2,08	2,88	2,57	9,52	13,20	95
	2.0+2.0+2.5+2.5+3.5	1,44	1,44	1,80	1,80	2,52	3,21	9,00	10,16	0,60	2,06	3,08	2,74	9,43	14,09	95
	2.0+2.0+2.5+2.5+4.2	1,36	1,36	1,70	1,70	2,86	3,32	9,00	9,85	0,60	2,05	3,08	2,74	9,39	14,09	95
	2.0+2.0+2.5+2.5+5.0	1,29	1,29	1,61	1,61	3,21	3,43	9,00	10,35	0,63	2,00	3,11	2,86	9,16	14,22	95
	2.0+2.0+2.5+2.5+6.0	1,20	1,20	1,50	1,50	3,60	3,57	9,00	10,66	0,63	1,98	3,10	2,86	9,07	14,17	95
	2.0+2.0+2.5+3.5+3.5	1,33	1,33	1,67	2,33	2,33	3,36	9,00	10,17	0,63	2,05	3,08	2,86	9,39	14,09	95
	2.0+2.0+2.5+3.5+4.2	1,27	1,27	1,58	2,22	2,66	3,46	9,00	9,85	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.0+2.5+3.5+5.0	1,20	1,20	1,50	2,10	3,00	3,57	9,00	10,66	0,65	2,00	3,38	2,99	9,16	15,48	95
	2.0+2.0+2.5+4.2+4.2	1,21	1,21	1,51	2,54	2,54	3,56	9,00	10,65	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.0+3.5+3.5+3.5	1,24	1,24	2,17	2,17	2,17	3,50	9,00	10,18	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.0+3.5+3.5+4.2	1,18	1,18	2,07	2,07	2,49	3,60	9,00	10,68	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.5+2.5+2.5+2.5	1,50	1,88	1,88	1,88	1,88	3,14	9,00	10,01	0,56	2,07	3,02	2,57	9,48	13,81	95
	2.0+2.5+2.5+2.5+3.5	1,38	1,73	1,73	1,73	2,42	3,29	9,00	10,16	0,60	2,05	3,08	2,74	9,39	14,09	95
	2.0+2.5+2.5+2.5+4.2	1,31	1,64	1,64	1,64	2,76	3,39	9,00	10,17	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.5+2.5+2.5+5.0	1,24	1,55	1,55	1,55	3,10	3,50	9,00	10,35	0,63	2,00	3,11	2,86	9,16	14,22	95
	2.0+2.5+2.5+2.5+6.0	1,16	1,45	1,45	1,45	3,48	3,65	9,00	10,70	0,65	1,97	3,10	2,99	9,02	14,17	95
	2.0+2.5+2.5+3.5+3.5	1,29	1,61	1,61	2,25	2,25	3,43	9,00	10,17	0,63	2,04	3,08	2,86	9,34	14,09	95
	2.0+2.5+2.5+3.5+4.2	1,22	1,53	1,53	2,14	2,57	3,53	9,00	10,62	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.5+2.5+3.5+5.0	1,16	1,45	1,45	2,03	2,90	3,65	9,00	10,70	0,65	1,97	3,45	2,99	9,02	15,80	95
	2.0+2.5+2.5+4.2+4.2	1,17	1,46	1,46	2,45	2,45	3,60	9,00	10,68	0,65	2,03	3,57	2,99	9,30	16,33	95
	2.0+2.5+3.5+3.5+3.5	1,20	1,50	2,10	2,10	2,10	3,57	9,00	10,63	0,65	2,02	3,57	2,99	9,25	16,33	95
	2.5+2.5+2.5+2.5+2.5	1,80	1,80	1,80	1,80	1,80	3,21	9,00	10,15	0,60	2,02	3,08	2,74	9,25	14,09	95
	2.5+2.5+2.5+2.5+3.5	1,67	1,67	1,67	1,67	2,33	3,36	9,00	10,16	0,63	2,01	3,08	2,86	9,20	14,09	95
	2.5+2.5+2.5+2.5+4.2	1,58	1,58	1,58	1,58	2,66	3,46	9,00	10,17	0,63	2,01	3,08	2,86	9,20	14,09	95
	2.5+2.5+2.5+2.5+5.0	1,50	1,50	1,50	1,50	3,00	3,57	9,00	10,66	0,65	2,00	3,45	2,99	9,16	15,80	95
	2.5+2.5+2.5+3.5+3.5	1,55	1,55	1,55	2,17	2,17	3,50	9,00	10,17	0,63	2,00	3,08	2,86	9,16	14,09	95
	2.5+2.5+2.5+3.5+4.2	1,48	1,48	1,48	2,07	2,49	3,60	9,00	10,68	0,65	1,99	3,57	2,99	9,11	16,33	95
	2.5+2.5+3.5+3.5+3.5	1,45	1,45	2,03	2,03	2,03	3,65	9,00	10,63	0,65	1,99	3,57	2,99	9,11	16,33	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,4.2,5.0,6.0 kW class
Wall-mounted FTXM-M series
- Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
- Editable data for this drawing are available in the GDE (E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D106169.

3D105434

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5	1.90	---	---	---	---	1.28	1.90	3.93	0.28	0.53	1.31	1.29	2.43	5.98	95
	2.0	2.49	---	---	---	---	1.33	2.49	4.37	0.34	0.67	1.37	1.55	3.05	6.25	95
	2.5	3.11	---	---	---	---	1.39	3.11	4.84	0.36	0.88	1.47	1.64	4.04	6.71	95
	3.5	4.36	---	---	---	---	1.51	4.36	5.31	0.38	1.40	1.93	1.73	6.42	8.84	95
	4.2	---	---	5.23	---	---	1.56	5.23	6.16	0.40	1.63	2.06	1.82	7.45	9.42	95
	5.0	---	---	6.21	---	---	1.94	6.21	7.75	0.47	1.76	2.39	2.13	8.08	10.92	95
	6.0	---	---	7.46	---	---	2.23	7.46	8.87	0.58	2.25	2.86	2.66	10.32	13.09	95
	7.1	---	---	8.82	---	---	2.55	8.82	9.38	0.65	2.81	3.01	2.97	12.88	13.77	95
	1.5+1.5	1.85	1.85	---	---	---	1.51	3.70	5.98	0.37	0.88	1.42	1.68	4.03	6.50	95
	1.5+2.0	1.84	2.46	---	---	---	1.57	4.30	5.98	0.35	1.04	1.42	1.59	4.76	6.50	95
	1.5+2.5	1.84	3.06	---	---	---	1.72	4.90	7.76	0.37	1.20	2.01	1.68	5.50	9.18	95
	1.5+3.5	1.83	4.27	---	---	---	2.02	6.10	7.76	0.44	1.68	2.20	2.02	7.69	10.06	95
	1.5+4.2	1.84	---	5.16	---	---	2.23	7.00	8.87	0.42	1.99	2.70	1.94	9.11	12.35	95
	1.5+5.0	1.85	---	6.15	---	---	2.48	8.00	9.45	0.44	2.17	2.55	2.02	9.94	11.69	95
	1.5+6.0	1.80	---	7.20	---	---	2.77	9.00	10.28	0.48	2.47	2.84	2.19	11.31	13.01	95
	1.5+7.1	1.74	---	8.26	---	---	3.09	10.00	10.30	0.52	2.90	2.91	2.37	13.28	13.32	95
	2.0+2.0	2.45	2.45	---	---	---	1.72	4.90	7.12	0.37	1.19	1.80	1.68	5.45	8.22	95
	2.0+2.5	2.44	3.06	---	---	---	1.88	5.50	7.54	0.39	1.37	1.97	1.76	6.28	9.01	95
	2.0+3.5	2.44	4.26	---	---	---	2.17	6.70	8.05	0.47	1.75	2.34	2.15	8.01	10.72	95
	2.0+4.2	2.45	---	5.15	---	---	2.39	7.60	8.87	0.58	2.04	2.70	2.67	9.34	12.35	95
	2.0+5.0	2.43	---	6.07	---	---	2.62	8.50	9.45	0.59	2.35	2.55	2.71	10.76	11.69	95
	2.0+6.0	2.33	---	6.98	---	---	2.92	9.30	10.28	0.61	2.62	2.84	2.80	12.00	13.01	95
	2.0+7.1	2.20	---	7.80	---	---	3.23	10.00	10.78	0.65	2.90	3.05	2.97	13.28	13.97	95
	2.5+2.5	3.05	3.05	---	---	---	2.02	6.10	7.76	0.44	1.73	2.26	2.02	7.92	10.32	95
	2.5+3.5	3.04	4.26	---	---	---	2.33	7.30	8.87	0.56	2.08	2.82	2.58	9.52	12.92	95
	2.5+4.2	3.06	---	5.14	---	---	2.54	8.20	9.38	0.61	2.35	3.05	2.80	10.76	13.97	95
	2.5+5.0	3.00	---	6.00	---	---	2.77	9.00	10.09	0.62	2.58	2.87	2.84	11.81	13.14	95
	2.5+6.0	2.82	---	6.78	---	---	3.06	9.60	10.28	0.63	2.76	2.91	2.88	12.64	13.31	95
	2.5+7.1	2.60	---	7.40	---	---	3.38	10.00	11.20	0.68	2.89	3.32	3.10	13.23	15.20	95
	3.5+3.5	4.25	4.25	---	---	---	2.62	8.50	9.38	0.61	2.54	3.02	2.80	11.63	13.84	95
	3.5+4.2	4.09	---	4.91	---	---	2.83	9.00	9.98	0.66	2.77	3.39	3.01	12.68	15.51	95
	3.5+5.0	3.91	---	5.59	---	---	3.06	9.50	10.09	0.67	2.73	2.86	3.05	12.50	13.09	95
	3.5+6.0	3.68	---	6.32	---	---	3.35	10.00	11.18	0.68	2.77	3.29	3.10	12.68	15.07	95
	3.5+7.1	3.30	---	6.70	---	---	3.66	10.00	11.21	0.72	2.73	3.22	3.31	12.50	14.72	95
	4.2+4.2	---	---	4.75	4.75	---	3.03	9.50	9.99	0.68	2.62	3.39	3.10	12.00	15.51	95
	4.2+5.0	---	---	4.57	5.43	---	3.26	10.00	10.52	0.69	2.78	3.15	3.14	12.73	14.41	95
	4.2+6.0	---	---	4.12	5.88	---	3.55	10.00	11.19	0.71	2.74	3.28	3.23	12.55	15.03	95
	4.2+7.1	---	---	3.72	6.28	---	3.87	10.00	11.21	0.74	2.69	3.21	3.40	12.32	14.67	95
	5.0+5.0	---	---	5.00	5.00	---	3.49	10.00	11.07	0.71	2.71	3.26	3.27	12.41	14.94	95
	5.0+6.0	---	---	4.55	5.45	---	3.77	10.00	11.32	0.71	2.67	3.18	3.23	12.22	14.54	95
	5.0+7.1	---	---	4.13	5.87	---	4.09	10.00	10.93	0.78	2.63	2.94	3.57	12.04	13.44	95
	6.0+6.0	---	---	5.00	5.00	---	4.07	10.00	11.14	0.71	2.65	2.92	3.27	12.13	13.36	95
	6.0+7.1	---	---	4.58	5.42	---	4.39	10.00	11.17	0.79	2.62	2.91	3.61	12.00	13.31	95
	7.1+7.1	---	---	5.00	5.00	---	4.70	10.00	11.20	0.84	2.60	2.90	3.83	11.90	13.27	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105435

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5+1.5+1.5	1.83	1.83	1.83	---	---	1.88	5.50	7.82	0.44	1.20	1.84	2.02	5.50	8.44	95
	1.5+1.5+2.0	1.83	1.83	2.44	---	---	2.02	6.10	7.82	0.46	1.38	1.84	2.11	6.32	8.44	95
	1.5+1.5+2.5	1.83	1.83	3.05	---	---	2.17	6.70	7.82	0.48	1.59	1.84	2.19	7.28	8.44	95
	1.5+1.5+3.5	1.85	1.85	4.31	---	---	2.48	8.00	9.59	0.52	2.05	2.47	2.37	9.39	11.29	95
	1.5+1.5+4.2	1.81	1.81	5.08	---	---	2.68	8.70	9.59	0.56	2.29	2.47	2.58	10.49	11.29	95
	1.5+1.5+5.0	1.74	1.74	5.81	---	---	2.92	9.30	10.39	0.56	2.48	2.73	2.58	11.36	12.48	95
	1.5+1.5+6.0	1.58	1.58	6.33	---	---	3.20	9.50	11.14	0.57	2.48	2.92	2.62	11.36	13.36	95
	1.5+1.5+7.1	1.49	1.49	7.03	---	---	3.52	10.00	11.18	0.61	2.70	2.91	2.80	12.36	13.31	95
	1.5+2.0+2.0	1.83	2.44	2.44	---	---	2.17	6.70	7.82	0.48	1.60	1.84	2.19	7.33	8.44	95
	1.5+2.0+2.5	1.83	2.43	3.04	---	---	2.33	7.30	9.02	0.50	1.77	2.23	2.28	8.11	10.19	95
	1.5+2.0+3.5	1.82	2.43	4.25	---	---	2.63	8.50	9.59	0.54	2.21	2.47	2.45	10.12	11.29	95
	1.5+2.0+4.2	1.75	2.34	4.91	---	---	2.83	9.00	10.29	0.58	2.39	2.77	2.67	10.94	12.70	95
	1.5+2.0+5.0	1.76	2.35	5.88	---	---	3.06	10.00	10.39	0.58	2.77	2.78	2.67	12.68	12.74	95
	1.5+2.0+6.0	1.58	2.11	6.32	---	---	3.35	10.00	11.14	0.60	2.71	2.92	2.75	12.41	13.36	95
	1.5+2.0+7.1	1.42	1.89	6.70	---	---	3.66	10.00	11.18	0.64	2.69	2.91	2.93	12.32	13.31	95
	1.5+2.5+2.5	1.85	3.08	3.08	---	---	2.48	8.00	9.58	0.52	2.00	2.48	2.37	9.16	11.34	95
	1.5+2.5+3.5	1.80	3.00	4.20	---	---	2.77	9.00	10.29	0.56	2.35	2.77	2.58	10.76	12.70	95
	1.5+2.5+4.2	1.83	3.05	5.12	---	---	2.97	10.00	10.29	0.60	2.74	2.77	2.75	12.55	12.70	95
	1.5+2.5+5.0	1.67	2.78	5.56	---	---	3.20	10.00	10.90	0.61	2.63	2.95	2.80	12.04	13.49	95
	1.5+2.5+6.0	1.50	2.50	6.00	---	---	3.49	10.00	11.14	0.62	2.58	2.92	2.84	11.81	13.36	95
	1.5+2.5+7.1	1.35	2.25	6.40	---	---	3.80	10.00	11.18	0.66	2.53	2.91	3.01	11.58	13.31	95
	1.5+3.5+3.5	1.76	4.12	4.12	---	---	3.06	10.00	10.29	0.60	2.74	2.77	2.75	12.55	12.70	95
	1.5+3.5+4.2	1.63	3.80	4.57	---	---	3.26	10.00	10.78	0.65	2.72	3.00	2.97	12.45	13.71	95
	1.5+3.5+5.0	1.50	3.50	5.00	---	---	3.49	10.00	10.91	0.66	2.61	2.95	3.01	11.95	13.49	95
	1.5+3.5+6.0	1.36	3.18	5.45	---	---	3.77	10.00	11.15	0.67	2.56	2.92	3.05	11.72	13.36	95
	1.5+3.5+7.1	1.24	2.89	5.87	---	---	4.09	10.00	11.18	0.73	2.51	2.91	3.36	11.49	13.31	95
	1.5+4.2+4.2	1.52	---	4.24	4.24	---	3.46	10.00	10.90	0.68	2.69	3.04	3.10	12.32	13.93	95
	1.5+4.2+5.0	1.40	---	3.93	4.67	---	3.69	10.00	11.03	0.71	2.59	2.95	3.23	11.86	13.49	95
	1.5+4.2+6.0	1.28	---	3.59	5.13	---	3.98	10.00	11.27	0.71	2.54	2.92	3.27	11.63	13.36	95
	1.5+4.2+7.1	1.17	---	3.28	5.55	---	4.29	10.00	11.30	0.76	2.49	2.90	3.48	11.40	13.27	95
	1.5+5.0+5.0	1.30	---	4.35	4.35	---	3.92	10.00	11.17	0.71	2.50	2.96	3.23	11.45	13.53	95
	1.5+5.0+6.0	1.20	---	4.00	4.80	---	4.21	10.00	11.41	0.71	2.46	2.87	3.27	11.26	13.14	95
	1.5+5.0+7.1	1.10	---	3.68	5.22	---	4.53	10.00	11.44	0.79	2.41	2.85	3.61	11.03	13.05	95
	1.5+6.0+6.0	1.11	---	4.44	4.44	---	4.50	10.00	11.65	0.72	2.42	2.78	3.31	11.08	12.74	95
	1.5+6.0+7.1	1.32	---	3.97	4.70	---	4.81	10.00	11.68	0.79	2.40	2.77	3.61	10.99	12.70	95
	2.0+2.0+2.0	2.50	2.50	2.50	---	---	2.33	7.50	9.02	0.50	1.77	2.23	2.28	8.11	10.19	95
	2.0+2.0+2.5	2.46	2.46	3.08	---	---	2.48	8.00	9.58	0.52	1.92	2.48	2.37	8.79	11.34	95
	2.0+2.0+3.5	2.40	2.40	4.20	---	---	2.77	9.00	10.29	0.56	2.27	2.77	2.58	10.39	12.70	95
	2.0+2.0+4.2	2.29	2.29	4.81	---	---	2.97	9.40	10.29	0.60	2.47	2.77	2.75	11.31	12.70	95
	2.0+2.0+5.0	2.22	2.22	5.56	---	---	3.20	10.00	10.90	0.61	2.76	2.95	2.80	12.64	13.49	95
	2.0+2.0+6.0	2.00	2.00	6.00	---	---	3.49	10.00	11.14	0.62	2.72	2.92	2.84	12.45	13.36	95
	2.0+2.0+7.1	1.80	1.80	6.40	---	---	3.80	10.00	11.18	0.66	2.67	2.91	3.01	12.22	13.31	95
	2.0+2.5+2.5	2.43	3.04	3.04	---	---	2.62	8.50	9.58	0.54	2.15	2.48	2.45	9.84	11.34	95
	2.0+2.5+3.5	2.33	2.91	4.07	---	---	2.92	9.30	10.29	0.58	2.45	2.77	2.67	11.22	12.70	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105436

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	2.0+2.5+4.2	2,30	2,87	4,83	---	---	3,12	10,00	10,77	0,63	2,77	3,00	2,88	12,68	13,71	95
	2.0+2.5+5.0	2,11	2,63	5,26	---	---	3,35	10,00	10,90	0,63	2,73	2,95	2,88	12,50	13,49	95
	2.0+2.5+6.0	1,90	2,38	5,71	---	---	3,63	10,00	11,14	0,64	2,68	2,92	2,93	12,27	13,36	95
	2.0+2.5+7.1	1,72	2,16	6,12	---	---	3,95	10,00	11,18	0,69	2,66	2,91	3,14	12,18	13,31	95
	2.0+3.5+3.5	2,22	3,89	3,89	---	---	3,20	10,00	10,77	0,65	2,76	3,00	2,97	12,64	13,71	95
	2.0+3.5+4.2	2,06	3,61	4,33	---	---	3,41	10,00	10,97	0,68	2,75	3,10	3,10	12,59	14,19	95
	2.0+3.5+5.0	1,90	3,33	4,76	---	---	3,63	10,00	11,34	0,68	2,73	3,17	3,10	12,50	14,50	95
	2.0+3.5+6.0	1,74	3,04	5,22	---	---	3,92	10,00	11,15	0,69	2,68	2,92	3,14	12,27	13,36	95
	2.0+3.5+7.1	1,59	2,78	5,63	---	---	4,23	10,00	11,18	0,76	2,72	2,91	3,48	12,45	13,31	95
	2.0+4.2+4.2	1,92	---	4,04	4,04	---	3,60	10,00	10,98	0,70	2,73	3,10	3,18	12,50	14,19	95
	2.0+4.2+5.0	1,79	---	3,75	4,46	---	3,84	10,00	11,35	0,72	2,71	3,17	3,31	12,41	14,50	95
	2.0+4.2+6.0	1,64	---	3,44	4,92	---	4,12	10,00	11,16	0,73	2,60	2,92	3,36	11,90	13,36	95
	2.0+4.2+7.1	1,50	---	3,16	5,34	---	4,44	10,00	11,19	0,78	2,55	2,90	3,57	11,68	13,27	95
	2.0+5.0+5.0	1,67	---	4,17	4,17	---	4,07	10,00	11,06	0,75	2,59	2,96	3,44	11,86	13,53	95
	2.0+5.0+6.0	1,54	---	3,85	4,62	---	4,36	10,00	11,29	0,74	2,55	2,87	3,40	11,68	13,14	95
	2.0+5.0+7.1	1,42	---	3,55	5,04	---	4,67	10,00	11,33	0,81	2,53	2,85	3,70	11,58	13,05	95
	2.0+6.0+6.0	1,43	---	4,29	4,29	---	4,64	10,00	11,53	0,77	2,44	2,78	3,53	11,17	12,74	95
	2.0+6.0+7.1	1,32	---	3,97	4,70	---	4,96	10,00	11,56	0,82	2,39	2,77	3,74	10,94	12,70	95
	2.5+2.5+2.5	3,33	3,33	3,33	---	---	2,77	10,00	10,28	0,56	2,67	2,77	2,58	12,22	12,70	95
	2.5+2.5+3.5	2,94	2,94	4,12	---	---	3,06	10,00	10,29	0,63	2,63	2,77	2,88	12,04	12,70	95
	2.5+2.5+4.2	2,72	2,72	4,57	---	---	3,26	10,00	10,77	0,65	2,61	3,00	2,97	11,95	13,71	95
	2.5+2.5+5.0	2,50	2,50	5,00	---	---	3,49	10,00	11,33	0,66	2,51	3,17	3,01	11,49	14,50	95
	2.5+2.5+6.0	2,27	2,27	5,45	---	---	3,77	10,00	11,14	0,67	2,46	2,92	3,05	11,26	13,36	95
	2.5+2.5+7.1	2,07	2,07	5,87	---	---	4,09	10,00	11,18	0,73	2,41	2,91	3,36	11,03	13,31	95
	2.5+3.5+3.5	2,63	3,68	3,68	---	---	3,35	10,00	11,19	0,68	2,57	3,22	3,10	11,77	14,72	95
	2.5+3.5+4.2	2,45	3,43	4,12	---	---	3,55	10,00	11,20	0,70	2,55	3,22	3,18	11,68	14,72	95
	2.5+3.5+5.0	2,27	3,18	4,55	---	---	3,77	10,00	11,34	0,71	2,45	3,17	3,23	11,22	14,50	95
	2.5+3.5+6.0	2,08	2,92	5,00	---	---	4,07	10,00	11,15	0,71	2,40	2,92	3,27	10,99	13,36	95
	2.5+3.5+7.1	1,91	2,67	5,42	---	---	4,39	10,00	11,18	0,78	2,36	2,91	3,57	10,81	13,31	95
	2.5+4.2+4.2	2,29	---	3,85	3,85	---	3,75	10,00	11,20	0,72	2,53	3,22	3,31	11,58	14,72	95
	2.5+4.2+5.0	2,14	---	3,59	4,27	---	3,98	10,00	11,35	0,75	2,43	3,17	3,44	11,13	14,50	95
	2.5+4.2+6.0	1,97	---	3,31	4,72	---	4,26	10,00	11,16	0,76	2,39	2,92	3,48	10,94	13,36	95
	2.5+4.2+7.1	1,81	---	3,04	5,14	---	4,58	10,00	11,19	0,81	2,34	2,90	3,70	10,71	13,27	95
	2.5+5.0+5.0	2,00	---	4,00	4,00	---	4,21	10,00	11,06	0,78	2,41	2,96	3,57	11,03	13,53	95
	2.5+5.0+6.0	1,85	---	3,70	4,44	---	4,50	10,00	11,29	0,79	2,37	2,87	3,61	10,85	13,14	95
	2.5+5.0+7.1	1,71	---	3,42	4,86	---	4,81	10,00	11,33	0,84	2,33	2,85	3,83	10,67	13,05	95
	2.5+6.0+6.0	1,72	---	4,14	4,14	---	4,78	10,00	11,53	0,80	2,35	2,78	3,66	10,76	12,74	95
	2.5+6.0+7.1	1,60	---	3,85	4,55	---	5,10	10,00	11,56	0,85	2,31	2,77	3,87	10,58	12,70	95
	3.5+3.5+3.5	3,33	3,33	3,33	---	---	3,63	10,00	11,19	0,72	2,66	3,22	3,31	12,18	14,72	95
	3.5+3.5+4.2	3,13	3,13	3,75	---	---	3,84	10,00	11,20	0,75	2,63	3,22	3,44	12,04	14,72	95
	3.5+3.5+5.0	2,92	2,92	4,17	---	---	4,07	10,00	11,35	0,78	2,53	3,17	3,57	11,58	14,50	95
	3.5+3.5+6.0	2,69	2,69	4,62	---	---	4,36	10,00	11,16	0,79	2,48	2,92	3,61	11,36	13,36	95
	3.5+3.5+7.1	2,48	2,48	5,04	---	---	4,67	10,00	11,19	0,84	2,43	2,90	3,83	11,13	13,27	95
	3.5+4.2+4.2	2,94	---	3,53	3,53	---	4,04	10,00	11,21	0,80	2,61	3,21	3,66	11,95	14,67	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105437

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	3.5+4.2+5.0	2,76	---	3,31	3,94	---	4,26	10,00	10,93	0,80	2,51	3,00	3,66	11,49	13,71	95
	3.5+4.2+6.0	2,55	---	3,07	4,38	---	4,55	10,00	11,17	0,82	2,46	2,91	3,74	11,26	13,31	95
	3.5+4.2+7.1	2,36	---	2,84	4,80	---	4,88	10,00	11,20	0,89	2,41	2,90	4,09	11,03	13,27	95
	3.5+5.0+5.0	2,59	---	3,70	3,70	---	4,50	10,00	11,07	0,84	2,49	2,95	3,83	11,40	13,49	95
	3.5+5.0+6.0	2,41	---	3,45	4,14	---	4,78	10,00	11,29	0,85	2,44	2,86	3,87	11,17	13,09	95
	3.5+5.0+7.1	2,24	---	3,21	4,55	---	5,10	10,00	11,34	0,89	2,39	2,85	4,09	10,94	13,05	95
	3.5+6.0+6.0	2,26	---	3,87	3,87	---	5,07	10,00	11,53	0,86	2,42	2,78	3,91	11,08	12,74	95
	4.2+4.2+4.2	---	---	3,33	3,33	3,33	4,23	10,00	11,22	0,83	2,59	3,21	3,79	11,86	14,67	95
	4.2+4.2+5.0	---	---	3,13	3,13	3,73	4,47	10,00	10,94	0,86	2,49	3,00	3,91	11,40	13,71	95
	4.2+4.2+6.0	---	---	2,92	2,92	4,17	4,75	10,00	11,18	0,86	2,44	2,91	3,96	11,17	13,31	95
	4.2+4.2+7.1	---	---	2,71	2,71	4,58	5,07	10,00	11,21	0,92	2,39	2,90	4,22	10,94	13,27	95
	4.2+5.0+5.0	---	---	2,96	3,52	3,52	4,70	10,00	11,07	0,86	2,47	2,95	3,91	11,31	13,49	95
	4.2+5.0+6.0	---	---	2,76	3,29	3,95	4,99	10,00	11,30	0,87	2,42	2,86	4,00	11,08	13,09	95
	5.0+5.0+5.0	---	---	3,33	3,33	3,33	4,93	10,00	11,20	0,89	2,45	2,90	4,09	11,22	13,27	95
	1.5+1.5+1.5+1.5	1,83	1,83	1,83	1,83	---	2,33	7,30	9,17	0,43	1,71	2,15	1,98	7,83	9,84	95
	1.5+1.5+1.5+2.0	1,85	1,85	1,85	2,46	---	2,48	8,00	9,80	0,45	1,93	2,34	2,06	8,84	10,72	95
	1.5+1.5+1.5+2.5	1,82	1,82	1,82	3,04	---	2,63	8,50	9,80	0,47	2,07	2,34	2,15	9,48	10,72	95
	1.5+1.5+1.5+3.5	1,74	1,74	1,74	4,07	---	2,92	9,30	10,60	0,51	2,32	2,64	2,32	10,62	12,08	95
	1.5+1.5+1.5+4.2	1,72	1,72	1,72	4,83	---	3,12	10,00	11,17	0,55	2,60	2,91	2,54	11,90	13,31	95
	1.5+1.5+1.5+5.0	1,58	1,58	1,58	5,26	---	3,35	10,00	11,29	0,55	2,50	2,86	2,54	11,45	13,09	95
	1.5+1.5+1.5+6.0	1,43	1,43	1,43	5,71	---	3,63	10,00	11,53	0,56	2,45	2,78	2,58	11,22	12,74	95
	1.5+1.5+1.5+7.1	1,29	1,29	1,29	6,12	---	3,95	10,00	11,56	0,62	2,40	2,76	2,84	10,99	12,65	95
	1.5+1.5+2.0+2.0	1,82	1,82	2,43	2,43	---	2,63	8,50	9,80	0,47	2,04	2,34	2,15	9,34	10,72	95
	1.5+1.5+2.0+2.5	1,80	1,80	2,40	3,00	---	2,77	9,00	10,59	0,49	2,19	2,65	2,24	10,03	12,13	95
	1.5+1.5+2.0+3.5	1,76	1,76	2,35	4,12	---	3,06	10,00	10,60	0,55	2,52	2,64	2,54	11,54	12,08	95
	1.5+1.5+2.0+4.2	1,63	1,63	2,17	4,57	---	3,26	10,00	11,17	0,57	2,50	2,91	2,62	11,45	13,31	95
	1.5+1.5+2.0+5.0	1,50	1,50	2,00	5,00	---	3,49	10,00	11,29	0,60	2,40	2,86	2,75	10,99	13,09	95
	1.5+1.5+2.0+6.0	1,36	1,36	1,82	5,45	---	3,77	10,00	11,53	0,58	2,35	2,78	2,67	10,76	12,74	95
	1.5+1.5+2.0+7.1	1,24	1,24	1,65	5,87	---	4,09	10,00	11,56	0,65	2,31	2,76	2,97	10,58	12,65	95
	1.5+1.5+2.5+2.5	1,88	1,88	3,13	3,13	---	2,92	10,00	10,59	0,54	2,54	2,65	2,45	11,63	12,13	95
	1.5+1.5+2.5+3.5	1,67	1,67	2,78	3,89	---	3,20	10,00	11,16	0,57	2,50	2,92	2,62	11,45	13,36	95
	1.5+1.5+2.5+4.2	1,55	1,55	2,58	4,33	---	3,41	10,00	11,17	0,59	2,48	2,91	2,71	11,36	13,31	95
	1.5+1.5+2.5+5.0	1,43	1,43	2,38	4,76	---	3,63	10,00	11,29	0,62	2,38	2,86	2,84	10,90	13,09	95
	1.5+1.5+2.5+6.0	1,30	1,30	2,17	5,22	---	3,92	10,00	11,53	0,63	2,34	2,78	2,88	10,71	12,74	95
	1.5+1.5+2.5+7.1	1,19	1,19	1,98	5,63	---	4,23	10,00	11,56	0,67	2,29	2,76	3,05	10,49	12,65	95
	1.5+1.5+3.5+3.5	1,50	1,50	3,50	3,50	---	3,49	10,00	11,17	0,62	2,48	2,91	2,84	11,36	13,31	95
	1.5+1.5+3.5+4.2	1,40	1,40	3,27	3,93	---	3,69	10,00	11,17	0,64	2,46	2,91	2,93	11,26	13,31	95
	1.5+1.5+3.5+5.0	1,30	1,30	3,04	4,35	---	3,92	10,00	11,30	0,67	2,36	2,86	3,05	10,81	13,09	95
	1.5+1.5+3.5+6.0	1,20	1,20	2,80	4,80	---	4,21	10,00	11,54	0,68	2,32	2,77	3,10	10,62	12,70	95
	1.5+1.5+3.5+7.1	1,10	1,10	2,57	5,22	---	4,53	10,00	11,58	0,74	2,28	2,76	3,40	10,44	12,65	95
	1.5+1.5+4.2+4.2	1,32	1,32	3,68	3,68	---	3,90	10,00	11,18	0,69	2,44	2,91	3,14	11,17	13,31	95
	1.5+1.5+4.2+5.0	1,23	1,23	3,44	4,10	---	4,12	10,00	11,32	0,71	2,34	2,86	3,27	10,71	13,09	95
	1.5+1.5+4.2+6.0	1,14	1,14	3,18	4,55	---	4,41	10,00	11,55	0,72	2,30	2,77	3,31	10,53	12,70	95
	1.5+1.5+4.2+7.1	1,05	1,05	2,94	4,97	---	4,72	10,00	11,59	0,76	2,26	2,76	3,48	10,35	12,65	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105438

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5+1.5+5.0+5.0	1.15	1.15	3.85	3.85	---	4.36	10.00	11.45	0.71	2.33	2.81	3.27	10.67	12.87	95
	1.5+1.5+5.0+6.0	1.07	1.07	3.57	4.29	---	4.64	10.00	11.68	0.72	2.28	2.78	3.31	10.44	12.74	95
	1.5+1.5+5.0+7.1	0.99	0.99	3.31	4.70	---	4.96	10.00	11.72	0.79	2.24	2.76	3.61	10.26	12.65	95
	1.5+1.5+6.0+6.0	1.00	1.00	4.00	4.00	---	4.93	10.00	11.92	0.75	2.27	2.70	3.44	10.39	12.35	95
	1.5+2.0+2.0+2.0	1.90	2.53	2.53	2.53	---	2.77	9.50	10.59	0.49	2.31	2.65	2.24	10.58	12.13	95
	1.5+2.0+2.0+2.5	1.88	2.50	2.50	3.13	---	2.92	10.00	10.59	0.54	2.42	2.65	2.45	11.08	12.13	95
	1.5+2.0+2.0+3.5	1.67	2.22	2.22	3.89	---	3.20	10.00	11.16	0.57	2.40	2.92	2.62	10.99	13.36	95
	1.5+2.0+2.0+4.2	1.55	2.06	2.06	4.33	---	3.41	10.00	11.17	0.59	2.38	2.91	2.71	10.90	13.31	95
	1.5+2.0+2.0+5.0	1.43	1.90	1.90	4.76	---	3.63	10.00	11.29	0.62	2.35	2.86	2.84	10.76	13.09	95
	1.5+2.0+2.0+6.0	1.30	1.74	1.74	5.22	---	3.92	10.00	11.53	0.63	2.31	2.78	2.88	10.58	12.74	95
	1.5+2.0+2.0+7.1	1.19	1.59	1.59	5.63	---	4.23	10.00	11.56	0.67	2.29	2.76	3.05	10.49	12.65	95
	1.5+2.0+2.5+2.5	1.76	2.35	2.94	2.94	---	3.06	10.00	10.59	0.55	2.51	2.65	2.54	11.49	12.13	95
	1.5+2.0+2.5+3.5	1.58	2.11	2.63	3.68	---	3.35	10.00	11.16	0.59	2.47	2.92	2.71	11.31	13.36	95
	1.5+2.0+2.5+4.2	1.47	1.96	2.45	4.12	---	3.55	10.00	11.17	0.62	2.45	2.91	2.84	11.22	13.31	95
	1.5+2.0+2.5+5.0	1.36	1.82	2.27	4.55	---	3.77	10.00	11.29	0.64	2.36	2.86	2.93	10.81	13.09	95
	1.5+2.0+2.5+6.0	1.25	1.67	2.08	5.00	---	4.07	10.00	11.53	0.65	2.31	2.78	2.97	10.58	12.74	95
	1.5+2.0+2.5+7.1	1.15	1.53	1.91	5.42	---	4.39	10.00	11.56	0.70	2.27	2.76	3.18	10.39	12.65	95
	1.5+2.0+3.5+3.5	1.43	1.90	3.33	3.33	---	3.63	10.00	11.17	0.64	2.45	2.91	2.93	11.22	13.31	95
	1.5+2.0+3.5+4.2	1.34	1.79	3.13	3.75	---	3.84	10.00	11.17	0.69	2.43	2.91	3.14	11.13	13.31	95
	1.5+2.0+3.5+5.0	1.25	1.67	2.92	4.17	---	4.07	10.00	11.30	0.69	2.34	2.86	3.14	10.71	13.09	95
	1.5+2.0+3.5+6.0	1.15	1.54	2.69	4.62	---	4.36	10.00	11.54	0.70	2.30	2.77	3.18	10.53	12.70	95
	1.5+2.0+3.5+7.1	1.06	1.42	2.48	5.04	---	4.67	10.00	11.58	0.76	2.25	2.76	3.48	10.30	12.65	95
	1.5+2.0+4.2+4.2	1.26	1.68	3.53	3.53	---	4.04	10.00	11.18	0.71	2.41	2.91	3.23	11.03	13.31	95
	1.5+2.0+4.2+5.0	1.18	1.57	3.31	3.94	---	4.26	10.00	11.32	0.73	2.32	2.86	3.36	10.62	13.09	95
	1.5+2.0+4.2+6.0	1.09	1.46	3.07	4.38	---	4.55	10.00	11.55	0.74	2.28	2.77	3.40	10.44	12.70	95
	1.5+2.0+4.2+7.1	1.01	1.35	2.84	4.80	---	4.88	10.00	11.59	0.79	2.24	2.76	3.61	10.26	12.65	95
	1.5+2.0+5.0+5.0	1.11	1.48	3.70	3.70	---	4.50	10.00	11.45	0.74	2.31	2.81	3.40	10.58	12.87	95
	1.5+2.0+5.0+6.0	1.03	1.38	3.45	4.14	---	4.78	10.00	11.68	0.77	2.26	2.78	3.53	10.35	12.74	95
	1.5+2.0+5.0+7.1	0.96	1.28	3.21	4.55	---	5.10	10.00	11.72	0.82	2.22	2.76	3.74	10.17	12.65	95
	1.5+2.0+6.0+6.0	0.97	1.29	3.87	3.87	---	5.07	10.00	11.92	0.78	2.25	2.70	3.57	10.30	12.35	95
	1.5+2.5+2.5+2.5	1.67	2.78	2.78	2.78	---	3.20	10.00	11.15	0.57	2.49	2.92	2.62	11.40	13.36	95
	1.5+2.5+2.5+3.5	1.50	2.50	2.50	3.50	---	3.49	10.00	11.16	0.62	2.45	2.92	2.84	11.22	13.36	95
	1.5+2.5+2.5+4.2	1.40	2.34	2.34	3.93	---	3.69	10.00	11.17	0.64	2.43	2.91	2.93	11.13	13.31	95
	1.5+2.5+2.5+5.0	1.30	2.17	2.17	4.35	---	3.92	10.00	11.29	0.67	2.34	2.86	3.05	10.71	13.09	95
	1.5+2.5+2.5+6.0	1.20	2.00	2.00	4.80	---	4.21	10.00	11.53	0.68	2.30	2.78	3.10	10.53	12.74	95
	1.5+2.5+2.5+7.1	1.10	1.84	1.84	5.22	---	4.53	10.00	11.56	0.74	2.25	2.76	3.40	10.30	12.65	95
	1.5+2.5+3.5+3.5	1.36	2.27	3.18	3.18	---	3.77	10.00	11.17	0.67	2.43	2.91	3.05	11.13	13.31	95
	1.5+2.5+3.5+4.2	1.28	2.14	2.99	3.59	---	3.98	10.00	11.17	0.71	2.41	2.91	3.27	11.03	13.31	95
	1.5+2.5+3.5+5.0	1.20	2.00	2.80	4.00	---	4.21	10.00	11.30	0.71	2.32	2.86	3.27	10.62	13.09	95
	1.5+2.5+3.5+6.0	1.11	1.85	2.59	4.44	---	4.50	10.00	11.54	0.72	2.28	2.77	3.31	10.44	12.70	95
	1.5+2.5+3.5+7.1	1.03	1.71	2.40	4.86	---	4.81	10.00	11.58	0.79	2.24	2.76	3.61	10.26	12.65	95
	1.5+2.5+4.2+4.2	1.21	2.02	3.39	3.39	---	4.18	10.00	11.18	0.73	2.40	2.91	3.36	10.99	13.31	95
	1.5+2.5+4.2+5.0	1.14	1.89	3.18	3.79	---	4.41	10.00	11.32	0.76	2.31	2.86	3.48	10.58	13.09	95
	1.5+2.5+4.2+6.0	1.06	1.76	2.96	4.23	---	4.70	10.00	11.55	0.77	2.26	2.77	3.53	10.35	12.70	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105439

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5+2.5+4.2+7.1	0.98	1.63	2.75	4.64	---	5.02	10.00	11.59	0.85	2.22	2.76	3.87	10.17	12.65	95
	1.5+2.5+5.0+5.0	1.07	1.79	3.57	3.57	---	4.18	10.00	11.18	0.73	2.29	2.91	3.36	10.49	13.31	95
	1.5+2.5+5.0+6.0	1.00	1.67	3.33	4.00	---	4.41	10.00	11.32	0.76	2.25	2.86	3.48	10.30	13.09	95
	1.5+3.5+3.5+3.5	1.25	2.92	2.92	2.92	---	4.07	10.00	11.17	0.71	2.43	2.91	3.27	11.13	13.31	95
	1.5+3.5+3.5+4.2	1.18	2.76	2.76	3.31	---	4.26	10.00	11.18	0.76	2.41	2.91	3.48	11.03	13.31	95
	1.5+3.5+3.5+5.0	1.11	2.59	2.59	3.70	---	4.50	10.00	11.32	0.79	2.32	2.86	3.61	10.62	13.09	95
	1.5+3.5+3.5+6.0	1.03	2.41	2.41	4.14	---	4.78	10.00	11.55	0.80	2.28	2.77	3.66	10.44	12.70	95
	1.5+3.5+3.5+7.1	0.96	2.24	2.24	4.55	---	5.10	10.00	11.59	0.85	2.24	2.76	3.87	10.26	12.65	95
	1.5+3.5+4.2+4.2	1.12	2.61	3.13	3.13	---	4.47	10.00	11.19	0.78	2.40	2.90	3.57	10.99	13.27	95
	1.5+3.5+4.2+5.0	1.06	2.46	2.96	3.52	---	4.70	10.00	11.33	0.81	2.31	2.86	3.70	10.58	13.09	95
	1.5+3.5+4.2+6.0	0.99	2.30	2.76	3.95	---	4.99	10.00	11.56	0.82	2.26	2.77	3.74	10.35	12.70	95
	1.5+3.5+5.0+5.0	1.00	2.33	3.33	3.33	---	4.93	10.00	11.45	0.85	2.29	2.81	3.87	10.49	12.87	95
	1.5+4.2+4.2+4.2	1.06	---	2.98	2.98	2.98	4.67	10.00	11.20	0.84	2.38	2.90	3.83	10.90	13.27	95
	1.5+4.2+4.2+5.0	1.01	---	2.82	2.82	3.36	4.90	10.00	11.34	0.86	2.29	2.85	3.96	10.49	13.05	95
	2.0+2.0+2.0+2.0	2.50	2.50	2.50	2.50	---	2.92	10.00	10.59	0.54	2.53	2.65	2.45	11.58	12.13	95
	2.0+2.0+2.0+2.5	2.35	2.35	2.35	2.94	---	3.06	10.00	10.59	0.55	2.51	2.65	2.54	11.49	12.13	95
	2.0+2.0+2.0+3.5	2.11	2.11	2.11	3.68	---	3.35	10.00	11.16	0.59	2.47	2.92	2.71	11.31	13.36	95
	2.0+2.0+2.0+4.2	1.96	1.96	1.96	4.12	---	3.55	10.00	11.17	0.62	2.45	2.91	2.84	11.22	13.31	95
	2.0+2.0+2.0+5.0	1.82	1.82	1.82	4.55	---	3.77	10.00	11.29	0.64	2.36	2.87	2.93	10.81	13.14	95
	2.0+2.0+2.0+6.0	1.67	1.67	1.67	5.00	---	4.07	10.00	11.53	0.65	2.31	2.78	2.97	10.58	12.74	95
	2.0+2.0+2.0+7.1	1.53	1.53	1.53	5.42	---	4.39	10.00	11.56	0.70	2.27	2.76	3.18	10.39	12.65	95
	2.0+2.0+2.5+2.5	2.22	2.22	2.78	2.78	---	3.20	10.00	11.15	0.57	2.49	2.92	2.62	11.40	13.36	95
	2.0+2.0+2.5+3.5	2.00	2.00	2.50	3.50	---	3.49	10.00	11.16	0.62	2.45	2.92	2.84	11.22	13.36	95
	2.0+2.0+2.5+4.2	1.87	1.87	2.34	3.93	---	3.69	10.00	11.17	0.64	2.43	2.91	2.93	11.13	13.31	95
	2.0+2.0+2.5+5.0	1.74	1.74	2.17	4.35	---	3.92	10.00	11.29	0.67	2.34	2.87	3.05	10.71	13.14	95
	2.0+2.0+2.5+6.0	1.60	1.60	2.00	4.80	---	4.21	10.00	11.53	0.68	2.30	2.78	3.10	10.53	12.74	95
	2.0+2.0+2.5+7.1	1.47	1.47	1.84	5.22	---	4.53	10.00	11.56	0.74	2.25	2.76	3.40	10.30	12.65	95
	2.0+2.0+3.5+3.5	1.82	1.82	3.18	3.18	---	3.77	10.00	11.17	0.67	2.43	2.91	3.05	11.13	13.31	95
	2.0+2.0+3.5+4.2	1.71	1.71	2.99	3.59	---	3.98	10.00	11.17	0.71	2.41	2.91	3.27	11.03	13.31	95
	2.0+2.0+3.5+5.0	1.60	1.60	2.80	4.00	---	4.21	10.00	11.30	0.71	2.32	2.86	3.27	10.62	13.09	95
	2.0+2.0+3.5+6.0	1.48	1.48	2.59	4.44	---	4.50	10.00	11.54	0.72	2.28	2.77	3.31	10.44	12.70	95
	2.0+2.0+3.5+7.1	1.37	1.37	2.40	4.86	---	4.81	10.00	11.58	0.79	2.24	2.76	3.61	10.26	12.65	95
	2.0+2.0+4.2+4.2	1.61	1.61	3.39	3.39	---	4.18	10.00	11.18	0.73	2.40	2.91	3.36	10.99	13.31	95
	2.0+2.0+4.2+5.0	1.52	1.52	3.18	3.79	---	4.41	10.00	11.32	0.76	2.31	2.86	3.48	10.58	13.09	95
	2.0+2.0+4.2+6.0	1.41	1.41	2.96	4.23	---	4.70	10.00	11.55	0.77	2.26	2.77	3.53	10.35	12.70	95
	2.0+2.0+4.2+7.1	1.31	1.31	2.75	4.64	---	5.02	10.00	11.59	0.85	2.22	2.76	3.87	10.17	12.65	95
	2.0+2.0+5.0+5.0	1.43	1.43	3.57	3.57	---	4.64	10.00	11.45	0.79	2.29	2.81	3.61	10.49	12.87	95
	2.0+2.0+5.0+6.0	1.33	1.33	3.33	4.00	---	4.93	10.00	11.68	0.80	2.25	2.78	3.66	10.30	12.74	95
	2.0+2.5+2.5+2.5	2.11	2.63	2.63	2.63	---	3.35	10.00	11.15	0.60	2.47	2.92	2.75	11.31	13.36	95
	2.0+2.5+2.5+3.5	1.90	2.38	2.38	3.33	---	3.63	10.00	11.16	0.64	2.43	2.92	2.93	11.13	13.36	95
	2.0+2.5+2.5+4.2	1.79	2.23	2.23	3.75	---	3.84	10.00	11.17	0.69	2.41	2.91	3.14	11.03	13.31	95
	2.0+2.5+2.5+5.0	1.67	2.08	2.08	4.17	---	4.07	10.00	11.29	0.69	2.32	2.87	3.14	10.62	13.14	95
	2.0+2.5+2.5+6.0	1.54	1.92	1.92	4.62	---	4.36	10.00	11.53	0.70	2.28	2.78	3.18	10.44	12.74	95
	2.0+2.5+2.5+7.1	1.42	1.77	1.77	5.04	---	4.67	10.00	11.56	0.77	2.24	2.76	3.53	10.26	12.65	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105440

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	2.0+2.5+3.5+3.5	1,74	2,17	3,04	3,04	---	3,92	10,00	11,17	0,69	2,41	2,91	3,14	11,03	13,31	95
	2.0+2.5+3.5+4.2	1,64	2,05	2,87	3,44	---	4,12	10,00	11,17	0,73	2,40	2,91	3,36	10,99	13,31	95
	2.0+2.5+3.5+5.0	1,54	1,92	2,69	3,85	---	4,36	10,00	11,30	0,73	2,31	2,86	3,36	10,58	13,09	95
	2.0+2.5+3.5+6.0	1,43	1,79	2,50	4,29	---	4,64	10,00	11,54	0,77	2,26	2,77	3,53	10,35	12,70	95
	2.0+2.5+3.5+7.1	1,32	1,66	2,32	4,70	---	4,96	10,00	11,58	0,82	2,22	2,76	3,74	10,17	12,65	95
	2.0+2.5+4.2+4.2	1,55	1,94	3,26	3,26	---	4,32	10,00	11,18	0,76	2,38	2,91	3,48	10,90	13,31	95
	2.0+2.5+4.2+5.0	1,46	1,82	3,07	3,65	---	4,55	10,00	11,32	0,79	2,29	2,86	3,61	10,49	13,09	95
	2.0+2.5+4.2+6.0	1,36	1,70	2,86	4,08	---	4,85	10,00	11,55	0,80	2,25	2,77	3,66	10,30	12,70	95
	2.0+2.5+5.0+5.0	1,38	1,72	3,45	3,45	---	4,78	10,00	11,45	0,82	2,27	2,81	3,74	10,39	12,87	95
	2.0+2.5+5.0+6.0	1,29	1,61	3,23	3,87	---	5,07	10,00	11,68	0,83	2,23	2,78	3,79	10,21	12,74	95
	2.0+3.5+3.5+3.5	1,60	2,80	2,80	2,80	---	4,21	10,00	11,17	0,73	2,41	2,91	3,36	11,03	13,31	95
	2.0+3.5+3.5+4.2	1,52	2,65	2,65	3,18	---	4,41	10,00	11,18	0,79	2,40	2,91	3,61	10,99	13,31	95
	2.0+3.5+3.5+5.0	1,43	2,50	2,50	3,57	---	4,64	10,00	11,32	0,82	2,31	2,86	3,74	10,58	13,09	95
	2.0+3.5+3.5+6.0	1,33	2,33	2,33	4,00	---	4,93	10,00	11,55	0,82	2,26	2,77	3,74	10,35	12,70	95
	2.0+3.5+4.2+4.2	1,44	2,52	3,02	3,02	---	4,61	10,00	11,19	0,84	2,38	2,90	3,83	10,90	13,27	95
	2.0+3.5+4.2+5.0	1,36	2,38	2,86	3,40	---	4,85	10,00	11,33	0,84	2,29	2,86	3,83	10,49	13,09	95
	2.0+3.5+5.0+5.0	1,29	2,26	3,23	3,23	---	5,07	10,00	11,45	0,86	2,29	2,81	3,96	10,49	12,87	95
	2.0+4.2+4.2+4.2	1,37	---	2,88	2,88	2,88	4,81	10,00	11,20	0,86	2,36	2,90	3,96	10,81	13,27	95
	2.0+4.2+4.2+5.0	1,30	---	2,73	2,73	3,25	5,04	10,00	11,34	0,89	2,27	2,85	4,09	10,39	13,05	95
	2.5+2.5+2.5+2.5	2,50	2,50	2,50	2,50	---	3,49	10,00	11,15	0,62	2,45	2,92	2,84	11,22	13,36	95
	2.5+2.5+2.5+3.5	2,27	2,27	2,27	3,18	---	3,77	10,00	11,16	0,67	2,41	2,92	3,05	11,03	13,36	95
	2.5+2.5+2.5+4.2	2,14	2,14	2,14	3,59	---	3,98	10,00	11,17	0,71	2,40	2,91	3,27	10,99	13,31	95
	2.5+2.5+2.5+5.0	2,00	2,00	2,00	4,00	---	4,21	10,00	11,29	0,71	2,31	2,87	3,27	10,58	13,14	95
	2.5+2.5+2.5+6.0	1,85	1,85	1,85	4,44	---	4,50	10,00	11,53	0,72	2,26	2,78	3,31	10,35	12,74	95
	2.5+2.5+2.5+7.1	1,71	1,71	1,71	4,86	---	4,81	10,00	11,56	0,79	2,22	2,76	3,61	10,17	12,65	95
	2.5+2.5+3.5+3.5	2,08	2,08	2,92	2,92	---	4,07	10,00	11,17	0,71	2,40	2,91	3,27	10,99	13,31	95
	2.5+2.5+3.5+4.2	1,97	1,97	2,76	3,31	---	4,26	10,00	11,17	0,76	2,38	2,91	3,48	10,90	13,31	95
	2.5+2.5+3.5+5.0	1,85	1,85	2,59	3,70	---	4,50	10,00	11,30	0,79	2,29	2,86	3,61	10,49	13,09	95
	2.5+2.5+3.5+6.0	1,72	1,72	2,41	4,14	---	4,78	10,00	11,54	0,80	2,25	2,77	3,66	10,30	12,70	95
	2.5+2.5+3.5+7.1	1,60	1,60	2,24	4,55	---	5,10	10,00	11,58	0,85	2,21	2,76	3,87	10,12	12,65	95
	2.5+2.5+4.2+4.2	1,87	1,87	3,13	3,13	---	4,47	10,00	11,18	0,79	2,36	2,91	3,61	10,81	13,31	95
	2.5+2.5+4.2+5.0	1,76	1,76	2,96	3,52	---	4,70	10,00	11,32	0,82	2,27	2,86	3,74	10,39	13,09	95
	2.5+2.5+4.2+6.0	1,64	1,64	2,76	3,95	---	4,99	10,00	11,55	0,82	2,23	2,77	3,74	10,21	12,70	95
	2.5+2.5+5.0+5.0	1,67	1,67	3,33	3,33	---	4,93	10,00	11,45	0,85	2,25	2,81	3,87	10,30	12,87	95
	2.5+3.5+3.5+3.5	1,92	2,69	2,69	2,69	---	4,36	10,00	11,17	0,79	2,40	2,91	3,61	10,99	13,31	95
	2.5+3.5+3.5+4.2	1,82	2,55	2,55	3,07	---	4,55	10,00	11,18	0,81	2,38	2,91	3,70	10,90	13,31	95
	2.5+3.5+3.5+5.0	1,72	2,41	2,41	3,45	---	4,78	10,00	11,32	0,84	2,29	2,86	3,83	10,49	13,09	95
	2.5+3.5+3.5+6.0	1,61	2,26	2,26	3,87	---	5,07	10,00	11,55	0,85	2,25	2,77	3,87	10,30	12,70	95
	2.5+3.5+4.2+4.2	1,74	2,43	2,92	2,92	---	4,75	10,00	11,19	0,86	2,36	2,90	3,96	10,81	13,27	95
	2.5+3.5+4.2+5.0	1,64	2,30	2,76	3,29	---	4,99	10,00	11,33	0,86	2,27	2,86	3,96	10,39	13,09	95
	2.5+4.2+4.2+4.2	1,66	---	2,78	2,78	2,78	4,96	10,00	11,20	0,89	2,34	2,90	4,09	10,71	13,27	95
	3.5+3.5+3.5+3.5	2,50	2,50	2,50	2,50	---	4,64	10,00	11,18	0,84	2,33	2,91	3,83	10,67	13,31	95
	3.5+3.5+3.5+4.2	2,38	2,38	2,38	2,86	---	4,85	10,00	11,19	0,86	2,31	2,90	3,96	10,58	13,27	95
	3.5+3.5+3.5+5.0	2,26	2,26	2,26	3,23	---	5,07	10,00	11,33	0,89	2,23	2,86	4,09	10,21	13,09	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105441

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	3.5+3.5+4.2+4.2	2,27	2,27	2,73	2,73	---	5,04	10,00	11,20	0,92	2,30	2,90	4,22	10,53	13,27	95
	1.5+1.5+1.5+1.5+1.5	2,00	2,00	2,00	2,00	2,00	2,77	10,00	10,90	0,42	2,14	2,57	1,94	9,80	11,77	95
	1.5+1.5+1.5+1.5+2.0	1,88	1,88	1,88	1,88	2,50	2,92	10,00	10,90	0,44	2,13	2,57	2,02	9,75	11,77	95
	1.5+1.5+1.5+1.5+2.5	1,76	1,76	1,76	1,76	2,94	3,06	10,00	10,90	0,48	2,11	2,57	2,19	9,66	11,77	95
	1.5+1.5+1.5+1.5+3.5	1,58	1,58	1,58	1,58	3,68	3,35	10,00	11,55	0,52	2,08	2,77	2,37	9,52	12,70	95
	1.5+1.5+1.5+1.5+4.2	1,47	1,47	1,47	1,47	4,12	3,55	10,00	11,55	0,55	2,07	2,77	2,54	9,48	12,70	95
	1.5+1.5+1.5+1.5+5.0	1,36	1,36	1,36	1,36	4,55	3,77	10,00	11,69	0,56	2,00	2,78	2,58	9,16	12,74	95
	1.5+1.5+1.5+1.5+6.0	1,25	1,25	1,25	1,25	5,00	4,07	10,00	11,93	0,56	1,99	2,70	2,58	9,11	12,35	95
	1.5+1.5+1.5+1.5+7.1	1,15	1,15	1,15	1,15	5,42	4,39	10,00	11,96	0,62	1,96	2,68	2,84	8,98	12,26	95
	1.5+1.5+1.5+2.0+2.0	1,76	1,76	1,76	2,35	2,35	3,06	10,00	10,90	0,48	2,11	2,57	2,19	9,66	11,77	95
	1.5+1.5+1.5+2.0+2.5	1,67	1,67	1,67	2,22	2,78	3,20	10,00	11,54	0,50	2,10	2,77	2,28	9,62	12,70	95
	1.5+1.5+1.5+2.0+3.5	1,50	1,50	1,50	2,00	3,50	3,49	10,00	11,55	0,54	2,07	2,77	2,45	9,48	12,70	95
	1.5+1.5+1.5+2.0+4.2	1,40	1,40	1,40	1,87	3,93	3,69	10,00	11,55	0,58	2,06	2,77	2,67	9,43	12,70	95
	1.5+1.5+1.5+2.0+5.0	1,30	1,30	1,30	1,74	4,35	3,92	10,00	11,69	0,58	1,99	2,78	2,67	9,11	12,74	95
	1.5+1.5+1.5+2.0+6.0	1,20	1,20	1,20	1,60	4,80	4,21	10,00	11,93	0,61	1,96	2,70	2,80	8,98	12,35	95
	1.5+1.5+1.5+2.0+7.1	1,10	1,10	1,10	1,47	5,22	4,53	10,00	11,96	0,65	1,93	2,68	2,97	8,84	12,26	95
	1.5+1.5+1.5+2.5+2.5	1,58	1,58	1,58	2,63	2,63	3,35	10,00	11,54	0,52	2,08	2,77	2,37	9,52	12,70	95
	1.5+1.5+1.5+2.5+3.5	1,43	1,43	1,43	2,38	3,33	3,63	10,00	11,55	0,56	2,06	2,77	2,58	9,43	12,70	95
	1.5+1.5+1.5+2.5+4.2	1,34	1,34	1,34	2,23	3,75	3,84	10,00	11,55	0,60	2,04	2,77	2,75	9,34	12,70	95
	1.5+1.5+1.5+2.5+5.0	1,25	1,25	1,25	2,08	4,17	4,07	10,00	11,69	0,62	1,98	2,78	2,84	9,07	12,74	95
	1.5+1.5+1.5+2.5+6.0	1,15	1,15	1,15	1,92	4,62	4,36	10,00	11,93	0,63	1,95	2,70	2,88	8,93	12,35	95
	1.5+1.5+1.5+2.5+7.1	1,06	1,06	1,06	1,77	5,04	4,67	10,00	11,96	0,67	1,92	2,68	3,05	8,79	12,26	95
	1.5+1.5+1.5+3.5+3.5	1,30	1,30	1,30	3,04	3,04	3,92	10,00	11,55	0,62	2,04	2,77	2,84	9,34	12,70	95
	1.5+1.5+1.5+3.5+4.2	1,23	1,23	1,23	2,87	3,44	4,12	10,00	11,56	0,65	2,03	2,77	2,97	9,30	12,70	95
	1.5+1.5+1.5+3.5+5.0	1,15	1,15	1,15	2,69	3,85	4,36	10,00	11,70	0,67	1,97	2,77	3,05	9,02	12,70	95
	1.5+1.5+1.5+3.5+6.0	1,07	1,07	1,07	2,50	4,29	4,64	10,00	11,94	0,68	1,94	2,69	3,10	8,88	12,30	95
	1.5+1.5+1.5+3.5+7.1	0,99	0,99	0,99	2,32	4,70	4,96	10,00	11,97	0,74	1,91	2,68	3,40	8,75	12,26	95
	1.5+1.5+1.5+4.2+4.2	1,16	1,16	1,16	3,26	3,26	4,32	10,00	11,58	0,69	2,02	2,76	3,14	9,25	12,65	95
	1.5+1.5+1.5+4.2+5.0	1,09	1,09	1,09	3,07	3,65	4,55	10,00	11,71	0,71	1,97	2,77	3,27	9,02	12,70	95
	1.5+1.5+1.5+4.2+6.0	1,02	1,02	1,02	2,86	4,08	4,85	10,00	11,95	0,72	1,91	2,69	3,31	8,75	12,30	95
	1.5+1.5+1.5+5.0+5.0	1,03	1,03	1,03	3,45	3,45	4,78	10,00	11,84	0,71	1,90	2,73	3,27	8,70	12,48	95
	1.5+1.5+1.5+5.0+6.0	0,97	0,97	0,97	3,23	3,87	5,07	10,00	12,07	0,74	1,87	2,64	3,40	8,56	12,08	95
	1.5+1.5+2.0+2.0+2.0	1,67	1,67	2,22	2,22	2,22	3,20	10,00	11,54	0,50	2,10	2,77	2,28	9,62	12,70	95
	1.5+1.5+2.0+2.0+2.5	1,58	1,58	2,11	2,11	2,63	3,35	10,00	11,54	0,52	2,09	2,77	2,37	9,57	12,70	95
	1.5+1.5+2.0+2.0+3.5	1,43	1,43	1,90	1,90	3,33	3,63	10,00	11,55	0,56	2,09	2,77	2,58	9,57	12,70	95
	1.5+1.5+2.0+2.0+4.2	1,34	1,34	1,79	1,79	3,75	3,84	10,00	11,55	0,60	2,08	2,77	2,75	9,52	12,70	95
	1.5+1.5+2.0+2.0+5.0	1,25	1,25	1,67	1,67	4,17	4,07	10,00	11,69	0,62	2,07	2,78	2,84	9,48	12,74	95
	1.5+1.5+2.0+2.0+6.0	1,15	1,15	1,54	1,54	4,62	4,36	10,00	11,93	0,63	2,07	2,70	2,88	9,48	12,35	95
	1.5+1.5+2.0+2.0+7.1	1,06	1,06	1,42	1,42	5,04	4,67	10,00	11,96	0,67	2,06	2,68	3,05	9,43	12,26	95
	1.5+1.5+2.0+2.5+2.5	1,50	1,50	2,00	2,50	2,50	3,49	10,00	11,54	0,55	2,09	2,77	2,50	9,57	12,70	95
	1.5+1.5+2.0+2.5+3.5	1,36	1,36	1,82	2,27	3,18	3,77	10,00	11,55	0,58	2,08	2,77	2,67	9,52	12,70	95
	1.5+1.5+2.0+2.5+4.2	1,28	1,28	1,71	2,14	3,59	3,98	10,00	11,55	0,62	2,08	2,77	2,84	9,52	12,70	95
	1.5+1.5+2.0+2.5+5.0	1,20	1,20	1,60	2,00	4,00	4,21	10,00	11,69	0,65	2,07	2,78	2,97	9,48	12,74	95
	1.5+1.5+2.0+2.5+6.0	1,11	1,11	1,48	1,85	4,44	4,50	10,00	11,93	0,65	2,03	2,70	2,97	9,30	12,35	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105442

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

4

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5+1.5+2.0+2.5+7.1	1.03	1.03	1.37	1.71	4.86	4.81	10.00	11.96	0.71	2.02	2.68	3.27	9.25	12.26	95
	1.5+1.5+2.0+3.5+3.5	1.25	1.25	1.67	2.92	2.92	4.07	10.00	11.55	0.65	2.08	2.77	2.97	9.52	12.70	95
	1.5+1.5+2.0+3.5+4.2	1.18	1.18	1.57	2.76	3.31	4.26	10.00	11.56	0.67	2.07	2.77	3.05	9.48	12.70	95
	1.5+1.5+2.0+3.5+5.0	1.11	1.11	1.48	2.59	3.70	4.50	10.00	11.70	0.70	2.06	2.77	3.18	9.43	12.70	95
	1.5+1.5+2.0+3.5+6.0	1.03	1.03	1.38	2.41	4.14	4.78	10.00	11.94	0.70	2.02	2.69	3.18	9.25	12.30	95
	1.5+1.5+2.0+3.5+7.1	0.96	0.96	1.28	2.24	4.55	5.10	10.00	11.97	0.76	1.99	2.68	3.48	9.11	12.26	95
	1.5+1.5+2.0+4.2+4.2	1.12	1.12	1.49	3.13	3.13	4.47	10.00	11.58	0.71	2.07	2.76	3.27	9.48	12.65	95
	1.5+1.5+2.0+4.2+5.0	1.06	1.06	1.41	2.96	3.52	4.70	10.00	11.71	0.74	2.06	2.77	3.40	9.43	12.70	95
	1.5+1.5+2.0+4.2+6.0	0.99	0.99	1.32	2.76	3.95	4.99	10.00	11.95	0.74	2.05	2.69	3.40	9.39	12.30	95
	1.5+1.5+2.0+5.0+5.0	1.00	1.00	1.33	3.33	3.33	4.93	10.00	11.84	0.77	2.00	2.73	3.53	9.16	12.48	95
	1.5+1.5+2.5+2.5+2.5	1.43	1.43	2.38	2.38	2.38	3.63	10.00	11.54	0.56	2.08	2.77	2.58	9.52	12.70	95
	1.5+1.5+2.5+2.5+3.5	1.30	1.30	2.17	2.17	3.04	3.92	10.00	11.55	0.63	2.07	2.77	2.88	9.48	12.70	95
	1.5+1.5+2.5+2.5+4.2	1.23	1.23	2.05	2.05	3.44	4.12	10.00	11.55	0.65	2.07	2.77	2.97	9.48	12.70	95
	1.5+1.5+2.5+2.5+5.0	1.15	1.15	1.92	1.92	3.85	4.36	10.00	11.69	0.67	2.06	2.78	3.05	9.43	12.74	95
	1.5+1.5+2.5+2.5+6.0	1.07	1.07	1.79	1.79	4.29	4.64	10.00	11.93	0.68	2.05	2.70	3.10	9.39	12.35	95
	1.5+1.5+2.5+2.5+7.1	0.99	0.99	1.66	1.66	4.70	4.96	10.00	11.96	0.74	2.05	2.68	3.40	9.39	12.26	95
	1.5+1.5+2.5+3.5+3.5	1.20	1.20	2.00	2.80	2.80	4.21	10.00	11.55	0.67	2.07	2.77	3.05	9.48	12.70	95
	1.5+1.5+2.5+3.5+4.2	1.14	1.14	1.89	2.65	3.18	4.41	10.00	11.56	0.71	2.07	2.77	3.27	9.48	12.70	95
	1.5+1.5+2.5+3.5+5.0	1.07	1.07	1.79	2.50	3.57	4.64	10.00	11.70	0.71	2.05	2.77	3.27	9.39	12.70	95
	1.5+1.5+2.5+3.5+6.0	1.00	1.00	1.67	2.33	4.00	4.93	10.00	11.94	0.74	2.05	2.69	3.40	9.39	12.30	95
	1.5+1.5+2.5+4.2+4.2	1.08	1.08	1.80	3.02	3.02	4.61	10.00	11.58	0.74	2.06	2.76	3.40	9.43	12.65	95
	1.5+1.5+2.5+4.2+5.0	1.02	1.02	1.70	2.86	3.40	4.85	10.00	11.71	0.77	2.05	2.77	3.53	9.39	12.70	95
	1.5+1.5+2.5+5.0+5.0	0.97	0.97	1.61	3.23	3.23	5.07	10.00	11.84	0.79	2.00	2.73	3.61	9.16	12.48	95
	1.5+1.5+3.5+3.5+3.5	1.11	1.11	2.59	2.59	2.59	4.50	10.00	11.56	0.71	2.05	2.77	3.27	9.39	12.70	95
	1.5+1.5+3.5+3.5+4.2	1.06	1.06	2.46	2.46	2.96	4.70	10.00	11.58	0.76	2.04	2.76	3.48	9.34	12.65	95
	1.5+1.5+3.5+3.5+5.0	1.00	1.00	2.33	2.33	3.33	4.93	10.00	11.71	0.79	2.03	2.77	3.61	9.30	12.70	95
	1.5+1.5+3.5+4.2+4.2	1.01	1.01	2.35	2.82	2.82	4.90	10.00	11.59	0.82	2.04	2.76	3.74	9.34	12.65	95
	1.5+2.0+2.0+2.0+2.0	1.58	2.11	2.11	2.11	2.11	3.35	10.00	11.54	0.52	2.07	2.77	2.37	9.48	12.70	95
	1.5+2.0+2.0+2.0+2.5	1.50	2.00	2.00	2.00	2.50	3.49	10.00	11.54	0.55	2.07	2.77	2.50	9.48	12.70	95
	1.5+2.0+2.0+2.0+3.5	1.36	1.82	1.82	1.82	3.18	3.77	10.00	11.55	0.58	2.06	2.77	2.67	9.43	12.70	95
	1.5+2.0+2.0+2.0+4.2	1.28	1.71	1.71	1.71	3.59	3.98	10.00	11.55	0.62	2.06	2.77	2.84	9.43	12.70	95
	1.5+2.0+2.0+2.0+5.0	1.20	1.60	1.60	1.60	4.00	4.21	10.00	11.69	0.65	2.05	2.78	2.97	9.39	12.74	95
	1.5+2.0+2.0+2.0+6.0	1.11	1.48	1.48	1.48	4.44	4.50	10.00	11.93	0.65	2.04	2.70	2.97	9.34	12.35	95
	1.5+2.0+2.0+2.0+7.1	1.03	1.37	1.37	1.37	4.86	4.81	10.00	11.96	0.71	2.00	2.68	3.27	9.16	12.26	95
	1.5+2.0+2.0+2.5+2.5	1.43	1.90	1.90	2.38	2.38	3.63	10.00	11.54	0.56	2.07	2.77	2.58	9.48	12.70	95
	1.5+2.0+2.0+2.5+3.5	1.30	1.74	1.74	2.17	3.04	3.92	10.00	11.55	0.63	2.06	2.77	2.88	9.43	12.70	95
	1.5+2.0+2.0+2.5+4.2	1.23	1.64	1.64	2.05	3.44	4.12	10.00	11.55	0.65	2.05	2.77	2.97	9.39	12.70	95
	1.5+2.0+2.0+2.5+5.0	1.15	1.54	1.54	1.92	3.85	4.36	10.00	11.69	0.67	2.04	2.78	3.05	9.34	12.74	95
	1.5+2.0+2.0+2.5+6.0	1.07	1.43	1.43	1.79	4.29	4.64	10.00	11.93	0.68	2.04	2.70	3.10	9.34	12.35	95
	1.5+2.0+2.0+2.5+7.1	0.99	1.32	1.32	1.66	4.70	4.96	10.00	11.96	0.74	2.00	2.68	3.40	9.16	12.26	95
	1.5+2.0+2.0+3.5+3.5	1.20	1.60	1.60	2.80	2.80	4.21	10.00	11.55	0.67	2.05	2.77	3.05	9.39	12.70	95
	1.5+2.0+2.0+3.5+4.2	1.14	1.52	1.52	2.65	3.18	4.41	10.00	11.56	0.71	2.05	2.77	3.27	9.39	12.70	95
	1.5+2.0+2.0+3.5+5.0	1.07	1.43	1.43	2.50	3.57	4.64	10.00	11.70	0.71	2.04	2.77	3.27	9.34	12.70	95
	1.5+2.0+2.0+3.5+6.0	1.00	1.33	1.33	2.33	4.00	4.93	10.00	11.94	0.74	2.00	2.69	3.40	9.16	12.30	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5, 2.0, 2.5, 3.5, 4.2, 5.0, 6.0, 7.1 kW class
Wall-mounted CTXM-M, FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105443

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

4

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	1.5+2.0+2.0+4.2+4.2	1.08	1.44	1.44	3.02	3.02	4.61	10.00	11.58	0.74	2.05	2.76	3.40	9.39	12.65	95
	1.5+2.0+2.0+4.2+5.0	1.02	1.36	1.36	2.86	3.40	4.85	10.00	11.71	0.77	2.03	2.77	3.53	9.30	12.70	95
	1.5+2.0+2.0+5.0+5.0	0.97	1.29	1.29	3.23	3.23	5.07	10.00	11.84	0.79	2.00	2.73	3.61	9.16	12.48	95
	1.5+2.0+2.5+2.5+2.5	1.36	1.82	2.27	2.27	2.27	3.77	10.00	11.54	0.58	2.07	2.77	2.67	9.48	12.70	95
	1.5+2.0+2.5+2.5+3.5	1.25	1.67	2.08	2.08	2.92	4.07	10.00	11.55	0.65	2.06	2.77	2.97	9.43	12.70	95
	1.5+2.0+2.5+2.5+4.2	1.18	1.57	1.97	1.97	3.31	4.26	10.00	11.55	0.67	2.05	2.77	3.05	9.39	12.70	95
	1.5+2.0+2.5+2.5+5.0	1.11	1.48	1.85	1.85	3.70	4.50	10.00	11.69	0.70	2.04	2.78	3.18	9.34	12.74	95
	1.5+2.0+2.5+2.5+6.0	1.03	1.38	1.72	1.72	4.14	4.78	10.00	11.93	0.70	2.04	2.70	3.18	9.34	12.35	95
	1.5+2.0+2.5+2.5+7.1	0.96	1.28	1.60	1.60	4.55	5.10	10.00	11.96	0.77	2.00	2.68	3.53	9.16	12.26	95
	1.5+2.0+2.5+3.5+3.5	1.15	1.54	1.92	2.69	2.69	4.36	10.00	11.55	0.70	2.05	2.77	3.18	9.39	12.70	95
	1.5+2.0+2.5+3.5+4.2	1.09	1.46	1.82	2.55	3.07	4.55	10.00	11.56	0.74	2.05	2.77	3.40	9.39	12.70	95
	1.5+2.0+2.5+3.5+5.0	1.03	1.38	1.72	2.41	3.45	4.78	10.00	11.70	0.77	2.04	2.77	3.53	9.34	12.70	95
	1.5+2.0+2.5+3.5+6.0	0.97	1.29	1.61	2.26	3.87	5.07	10.00	11.94	0.77	2.00	2.69	3.53	9.16	12.30	95
	1.5+2.0+2.5+4.2+4.2	1.04	1.39	1.74	2.92	2.92	4.75	10.00	11.58	0.76	2.05	2.76	3.48	9.39	12.65	95
	1.5+2.0+2.5+4.2+5.0	0.99	1.32	1.64	2.76	3.29	4.99	10.00	11.71	0.79	1.99	2.77	3.61	9.11	12.70	95
	1.5+2.0+3.5+3.5+3.5	1.07	1.43	2.50	2.50	2.50	4.64	10.00	11.56	0.77	2.05	2.77	3.53	9.39	12.70	95
	1.5+2.0+3.5+3.5+4.2	1.02	1.36	2.38	2.38	2.86	4.85	10.00	11.58	0.79	2.05	2.76	3.61	9.39	12.65	95
	1.5+2.0+3.5+3.5+5.0	0.97	1.29	2.26	2.26	3.23	5.07	10.00	11.71	0.82	2.00	2.77	3.74	9.16	12.70	95
	1.5+2.0+3.5+4.2+4.2	0.97	1.30	2.27	2.73	2.73	5.04	10.00	11.59	0.85	2.04	2.76	3.87	9.34	12.65	95
	1.5+2.5+2.5+2.5+2.5	1.30	2.17	2.17	2.17	2.17	3.92	10.00	11.54	0.63	2.06	2.77	2.88	9.43	12.70	95
	1.5+2.5+2.5+2.5+3.5	1.20	2.00	2.00	2.00	2.80	4.21	10.00	11.55	0.67	2.03	2.77	3.05	9.30	12.70	95
	1.5+2.5+2.5+2.5+4.2	1.14	1.89	1.89	1.89	3.18	4.41	10.00	11.55	0.71	2.03	2.77	3.27	9.30	12.70	95
	1.5+2.5+2.5+2.5+5.0	1.07	1.79	1.79	1.79	3.57	4.64	10.00	11.69	0.71	1.98	2.78	3.27	9.07	12.74	95
	1.5+2.5+2.5+2.5+6.0	1.00	1.67	1.67	1.67	4.00	4.93	10.00	11.93	0.75	1.98	2.70	3.44	9.07	12.35	95
	1.5+2.5+2.5+3.5+3.5	1.11	1.85	1.85	2.59	2.59	4.50	10.00	11.55	0.71	2.03	2.77	3.27	9.30	12.70	95
	1.5+2.5+2.5+3.5+4.2	1.06	1.76	1.76	2.46	2.96	4.70	10.00	11.56	0.77	2.02	2.77	3.53	9.25	12.70	95
	1.5+2.5+2.5+3.5+5.0	1.00	1.67	1.67	2.33	3.33	4.93	10.00	11.70	0.79	1.97	2.77	3.61	9.02	12.70	95
	1.5+2.5+2.5+4.2+4.2	1.01	1.68	1.68	2.82	2.82	4.90	10.00	11.58	0.82	2.02	2.76	3.74	9.25	12.65	95
	1.5+2.5+3.5+3.5+3.5	1.03	1.72	2.41	2.41	2.41	4.78	10.00	11.56	0.79	2.02	2.77	3.61	9.25	12.70	95
	1.5+2.5+3.5+3.5+4.2	0.99	1.64	2.30	2.30	2.76	4.99	10.00	11.58	0.82	2.02	2.76	3.74	9.25	12.65	95
	1.5+3.5+3.5+3.5+3.5	0.97	2.26	2.26	2.26	2.26	5.07	10.00	11.58	0.85	2.00	2.76	3.87	9.16	12.65	95
	2.0+2.0+2.0+2.0+2.0	2.00	2.00	2.00	2.00	2.00	3.49	10.00	11.54	0.55	2.05	2.77	2.50	9.39	12.70	95
	2.0+2.0+2.0+2.0+2.5	1.90	1.90	1.90	1.90	2.38	3.63	10.00	11.54	0.56	2.05	2.77	2.58	9.39	12.70	95
	2.0+2.0+2.0+2.0+3.5	1.74	1.74	1.74	1.74	3.04	3.92	10.00	11.55	0.63	2.04	2.77	2.88	9.34	12.70	95
	2.0+2.0+2.0+2.0+4.2	1.64	1.64	1.64	1.64	3.44	4.12	10.00	11.55	0.65	2.03	2.77	2.97	9.30	12.70	95
	2.0+2.0+2.0+2.0+5.0	1.54	1.54	1.54	1.54	3.85	4.36	10.00	11.69	0.67	2.00	2.78	3.05	9.16	12.74	95
	2.0+2.0+2.0+2.0+6.0	1.43	1.43	1.43	1.43	4.29	4.64	10.00	11.93	0.68	1.99	2.70	3.10	9.11	12.35	95
	2.0+2.0+2.0+2.0+7.1	1.32	1.32	1.32	1.32	4.70	4.96	10.00	11.96	0.74	1.99	2.68	3.40	9.11	12.26	95
	2.0+2.0+2.0+2.5+2.5	1.82	1.82	1.82	2.27	2.27	3.77	10.00	11.54	0.58	2.04	2.77	2.67	9.34	12.70	95
	2.0+2.0+2.0+2.5+3.5	1.67	1.67	1.67	2.08	2.92	4.07	10.00	11.55	0.65	2.03	2.77	2.97	9.30	12.70	95
	2.0+2.0+2.0+2.5+4.2	1.57	1.57	1.57	1.97	3.31	4.26	10.00	11.55	0.67	2.03	2.77	3.05	9.30	12.70	95
	2.0+2.0+2.0+2.5+5.0	1.48	1.48	1.48	1.85	3.70	4.50	10.00	11.69	0.70	1.99	2.78	3.18	9.11	12.74	95
	2.0+2.0+2.0+2.5+6.0	1.38	1.38	1.38	1.72	4.14	4.78	10.00	11.93	0.70	1.99	2.70	3.18	9.11	12.35	95
	2.0+2.0+2.0+2.5+7.1	1.28	1.28	1.28	1.60	4.55	5.10	10.00	11.96	0.77	1.98	2.68	3.53	9.07	12.26	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
1.5,2.0,2.5,3.5,4.2,5.0,6.0,7.1 kW class
Wall-mounted CTXM-M,FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105444

4 Combination table

4 - 1 Combination Table

5MXM90N

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]					Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Room D	Room E	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
5MXM90N*	2.0+2.0+2.0+3.5+3.5	1.54	1.54	1.54	2.69	2.69	3.77	10.00	11.54	0.58	2.03	2.77	2.67	9.30	12.70	95
	2.0+2.0+2.0+3.5+4.2	1.46	1.46	1.46	2.55	3.07	4.55	10.00	11.56	0.74	2.03	2.77	3.40	9.30	12.70	95
	2.0+2.0+2.0+3.5+5.0	1.38	1.38	1.38	2.41	3.45	4.78	10.00	11.70	0.77	1.99	2.77	3.53	9.11	12.70	95
	2.0+2.0+2.0+3.5+6.0	1.29	1.29	1.29	2.26	3.87	5.07	10.00	11.94	0.77	1.99	2.69	3.53	9.11	12.30	95
	2.0+2.0+2.0+4.2+4.2	1.39	1.39	1.39	2.92	2.92	4.75	10.00	11.58	0.76	2.02	2.76	3.48	9.25	12.65	95
	2.0+2.0+2.0+4.2+5.0	1.32	1.32	1.32	2.76	3.29	4.99	10.00	11.71	0.79	2.01	2.83	3.61	9.20	12.96	95
	2.0+2.0+2.5+2.5+2.5	1.74	1.74	2.17	2.17	2.17	3.92	10.00	11.54	0.63	2.04	2.77	2.88	9.34	12.70	95
	2.0+2.0+2.5+2.5+3.5	1.60	1.60	2.00	2.00	2.80	4.21	10.00	11.55	0.67	2.03	2.77	3.05	9.30	12.70	95
	2.0+2.0+2.5+2.5+4.2	1.52	1.52	1.89	1.89	3.18	4.41	10.00	11.55	0.70	2.03	2.77	3.18	9.30	12.70	95
	2.0+2.0+2.5+2.5+5.0	1.43	1.43	1.79	1.79	3.57	4.64	10.00	11.69	0.71	1.99	2.78	3.27	9.11	12.74	95
	2.0+2.0+2.5+2.5+6.0	1.33	1.33	1.67	1.67	4.00	4.93	10.00	11.93	0.75	1.99	2.70	3.44	9.11	12.35	95
	2.0+2.0+2.5+3.5+3.5	1.48	1.48	1.85	2.59	2.59	4.50	10.00	11.55	0.71	1.99	2.77	3.27	9.11	12.70	95
	2.0+2.0+2.5+3.5+4.2	1.41	1.41	1.76	2.46	2.96	4.70	10.00	11.56	0.77	1.99	2.77	3.53	9.11	12.70	95
	2.0+2.0+2.5+3.5+5.0	1.33	1.33	1.67	2.33	3.33	4.93	10.00	11.70	0.79	1.98	2.77	3.61	9.07	12.70	95
	2.0+2.0+2.5+4.2+4.2	1.34	1.34	1.68	2.82	2.82	4.90	10.00	11.58	0.82	1.99	2.82	3.74	9.11	12.92	95
	2.0+2.0+3.5+3.5+3.5	1.38	1.38	2.41	2.41	2.41	4.78	10.00	11.56	0.79	1.99	2.77	3.61	9.11	12.70	95
	2.0+2.0+3.5+3.5+4.2	1.32	1.32	2.30	2.30	2.76	4.99	10.00	11.58	0.82	1.99	2.82	3.74	9.11	12.92	95
	2.0+2.5+2.5+2.5+2.5	1.67	2.08	2.08	2.08	2.08	4.07	10.00	11.54	0.65	2.03	2.77	2.97	9.30	12.70	95
	2.0+2.5+2.5+2.5+3.5	1.54	1.92	1.92	1.92	2.69	4.36	10.00	11.55	0.70	2.03	2.77	3.18	9.30	12.70	95
	2.0+2.5+2.5+2.5+4.2	1.46	1.82	1.82	1.82	3.07	4.55	10.00	11.55	0.74	2.02	2.77	3.40	9.25	12.70	95
	2.0+2.5+2.5+2.5+5.0	1.38	1.72	1.72	1.72	3.45	4.78	10.00	11.69	0.77	1.99	2.78	3.53	9.11	12.74	95
	2.0+2.5+2.5+2.5+6.0	1.29	1.61	1.61	1.61	3.87	5.07	10.00	11.93	0.77	1.98	2.70	3.53	9.07	12.35	95
	2.0+2.5+2.5+3.5+3.5	1.43	1.79	1.79	2.50	2.50	4.64	10.00	11.55	0.77	1.99	2.77	3.53	9.11	12.70	95
	2.0+2.5+2.5+3.5+4.2	1.36	1.70	1.70	2.38	2.86	4.85	10.00	11.56	0.79	1.99	2.77	3.61	9.11	12.70	95
	2.0+2.5+2.5+3.5+5.0	1.29	1.61	1.61	2.26	3.23	5.07	10.00	11.70	0.82	1.98	2.77	3.74	9.07	12.70	95
	2.0+2.5+2.5+4.2+4.2	1.30	1.62	1.62	2.73	2.73	5.04	10.00	11.58	0.85	1.99	2.82	3.87	9.11	12.92	95
	2.0+2.5+3.5+3.5+3.5	1.33	1.67	2.33	2.33	2.33	4.93	10.00	11.56	0.82	1.99	2.77	3.74	9.11	12.70	95
	2.5+2.5+2.5+2.5+2.5	2.00	2.00	2.00	2.00	2.00	4.21	10.00	11.54	0.68	2.03	2.77	3.10	9.30	12.70	95
	2.5+2.5+2.5+2.5+3.5	1.85	1.85	1.85	1.85	2.59	4.50	10.00	11.55	0.72	2.02	2.77	3.31	9.25	12.70	95
	2.5+2.5+2.5+2.5+4.2	1.76	1.76	1.76	1.76	2.96	4.70	10.00	11.55	0.77	2.02	2.77	3.53	9.25	12.70	95
	2.5+2.5+2.5+2.5+5.0	1.67	1.67	1.67	1.67	3.33	4.93	10.00	11.69	0.80	2.00	2.78	3.66	9.16	12.74	95
	2.5+2.5+2.5+3.5+3.5	1.72	1.72	1.72	2.41	2.41	4.78	10.00	11.55	0.80	2.02	2.77	3.66	9.25	12.70	95
	2.5+2.5+2.5+3.5+4.2	1.64	1.64	1.64	2.30	2.76	4.99	10.00	11.56	0.82	2.01	2.77	3.74	9.20	12.70	95
	2.5+2.5+3.5+3.5+3.5	1.61	1.61	2.26	2.26	2.26	5.07	10.00	11.56	0.85	1.99	2.77	3.87	9.11	12.70	95

Notes

- The total capacity of each connected indoor unit is up to 15.6kW.
- The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,4.2,5.0,6.0 kW class
Wall-mounted FTXM-M series
- Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
- Editable data for this drawing are available in the GDE(E-BOM) system.
- For additional information on the connection of the DHW generator for Multi and the Hybrid for Multi, see 3D105435.

3D105445

4 Combination table

4 - 1 Combination Table

5MXM-N

In the combination table, the DHW generator for Multi or Hybrid for Multi is indicated by a capacity index.

For the DHW generator for Multi, the capacity index is "·2.0·". For the Hybrid for Multi, the applicable capacity index (·Note 7·) is indicated on the applicable 'Technical specifications' datasheet.

If the DHW generator for Multi or Hybrid for Multi is present in the system, then only combinations that contain their respective capacity index are allowed combinations. Disregard all other combinations.

Example – DHW generator for Multi

Example: allowed combinations – with DHW generator for Multi	
2.0 + 2.5 + 2.5	DHW generator for Multi + ·2.5· kW class indoor unit + ·2.5· kW class indoor unit
1.5+ 1.5 + 2.0	·1.5· kW class indoor unit + ·1.5· kW class indoor unit + DHW generator for Multi
2.0 + 2.0	·2.0· kW class indoor unit + DHW generator for Multi
...	...

Example – Hybrid for Multi

Example: allowed combinations – with Hybrid for Multi	
1.5+1.5+5.0	·1.5· kW class indoor unit + ·1.5· kW class indoor unit + ·5.0· kW class Hybrid for Multi
2.0+5.0	·2.0· kW class indoor unit + ·5.0· kW class Hybrid for Multi
1.5+1.5+7.1	·1.5· kW class indoor unit + ·1.5· kW class indoor unit + ·7.1· kW class Hybrid for Multi
...	...

To determine the cooling capacity of the system, only take into account the capacity class of the air conditioner indoor units. Ignore the capacity index of the Hybrid for Multi.

To determine the heating/cooling capacity of the system, only take into account the capacity class of the air conditioner indoor units. Ignore the capacity index of the DHW generator for Multi.

Combination of Hybrid for Multi and air conditioner indoor units

If the air conditioning indoor units are of the cooling-only type (and heating is provided by the Hybrid for Multi only), then the heating capacity equals the Hybrid for Multi capacity index.

If the Hybrid for Multi and the air conditioner indoor units both provide heating, then calculate the heating capacity by making the sum of the Hybrid for Multi capacity index and the capacity classes of the air conditioner indoor units.

Caution: Failure to include the capacity classes of the air conditioner indoor units in the calculation will result in capacity shortage, and may result in cold draft issues and/or a shortage of refrigerant in the system.

Example

·1.5· kW class indoor unit + ·1.5· kW class indoor unit + DHW generator for Multi = 1.5 + 1.5 + 2.0

Heating/cooling capacity (Note ·1·) = 1.5 + 1.5

Combination table

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)			TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)
		A ROOM	B ROOM	C ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
		1.50	1.50	---	1.40	1.50	2.20	0.32	0.35	0.46	1.52	1.63	2.2	91
3MXM40N*	2.00	---	---	---	1.40	2.00	2.90	0.32	0.48	0.71	1.52	2.28	3.4	91
	2.50	---	---	---	1.40	2.50	3.10	0.32	0.64	0.62	1.52	3.05	3.9	91
	3.50	---	---	---	1.40	3.50	4.10	0.32	0.98	1.19	1.52	4.88	5.7	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	4.20	0.34	0.85	1.08	1.63	4.07	5.33	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	4.50	0.34	0.82	1.01	1.63	3.92	5.22	91
	3.5+3.5	2.00	2.00	---	1.60	4.00	4.50	0.34	0.82	0.99	1.63	3.92	5.11	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	0.84	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	0.78	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

- The heating capacity data are ONLY valid for heating operation by the air conditioner indoor units when there is NO domestic hot water operation by the DHW generator for Multi.
- The DHW generator for Multi and Hybrid for Multi cannot be used as standalone units.
- The system can only contain either the DHW generator for Multi or the Hybrid for Multi.
- The system can only contain one DHW generator for Multi or Hybrid for Multi.
- The Hybrid for Multi can only be combined with ·3MXM52/68N2V1B, 4MXM68/80N2V1B, 5MXM90N2V1B· outdoor units.
- 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.
- In case of Hybrid for Multi, capacity index ·5· corresponds to the ·CHYHBH05· indoor unit.
In case of Hybrid for Multi, capacity index ·7.1· corresponds to the ·CHYHBH08· indoor unit.

Example

·1.5· kW class indoor unit + ·1.5· kW class indoor unit + DHW generator for Multi

In case of cooling-only air conditioner indoor units

Operating state	System	Capacity
Heating mode	·5.0· kW class Hybrid for Multi	
Cooling mode	·2.5· kW class indoor unit + ·3.5· kW class indoor unit	

Performance characteristics

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
1.5+1.5	22.0	3.50	0.50	4.51	0.83	4.78	0.86	4.92	0.88	5.33	0.92	5.61	0.95
	25.0	3.50	0.60	4.34	0.89	4.62	0.92	4.76	0.93	5.17	0.98	5.44	1.01
	32.0	3.50	0.90	3.95	1.03	4.23	1.06	4.37	1.08	4.78	1.12	5.05	1.15
	35.0	3.50	1.06	3.79	1.10	4.06	1.13	4.20	1.14	4.61	1.19	4.89	1.22
	40.0	3.24	1.18	3.51	1.21	3.79	1.24	3.92	1.26	4.33	1.31	4.61	1.34
	43.0	3.07	1.26	3.34	1.29	3.62	1.32	3.76	1.33	4.17	1.38	4.44	1.41
	46.0	2.87	1.30	3.10	1.30	3.34	1.30	3.45	1.30	3.79	1.30	4.00	1.30

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



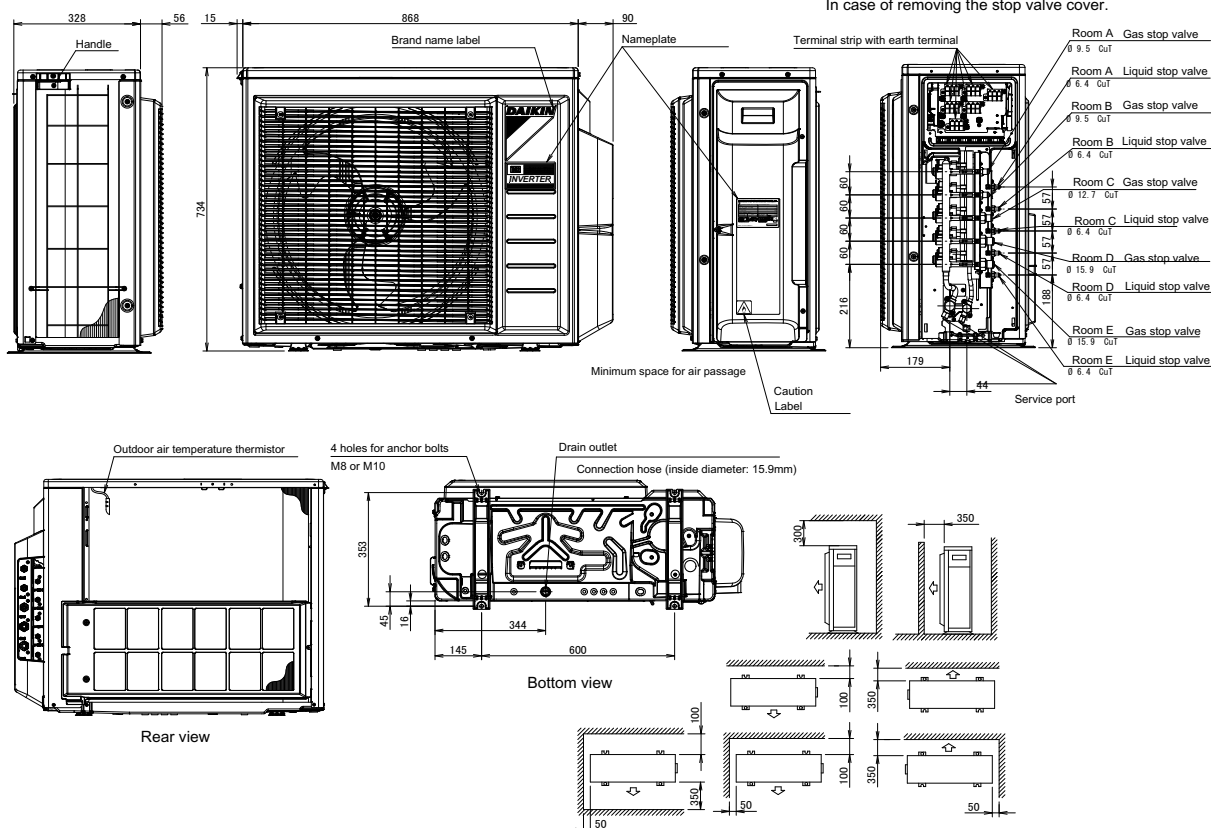
- An overview of **all software tools** that we offer can be found here:
https://my.daikin.eu/denv/en_US/home/applications/software-finder.html



6 Dimensional drawings

6 - 1 Dimensional Drawings

5MXM90N

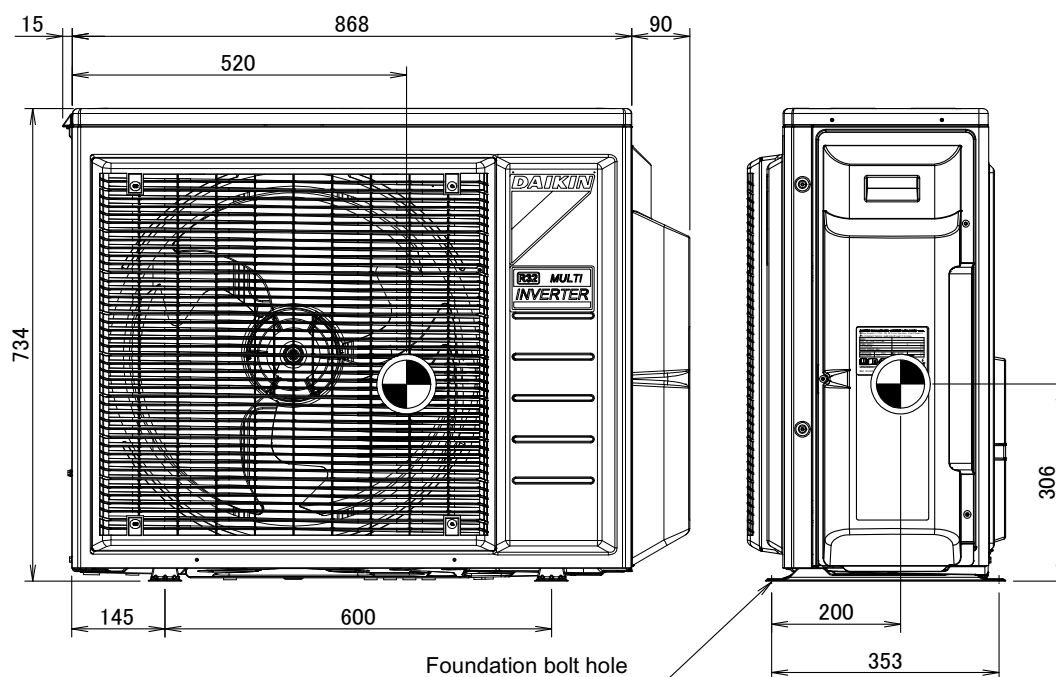


3D102779A

7 Centre of gravity

7 - 1 Centre of Gravity

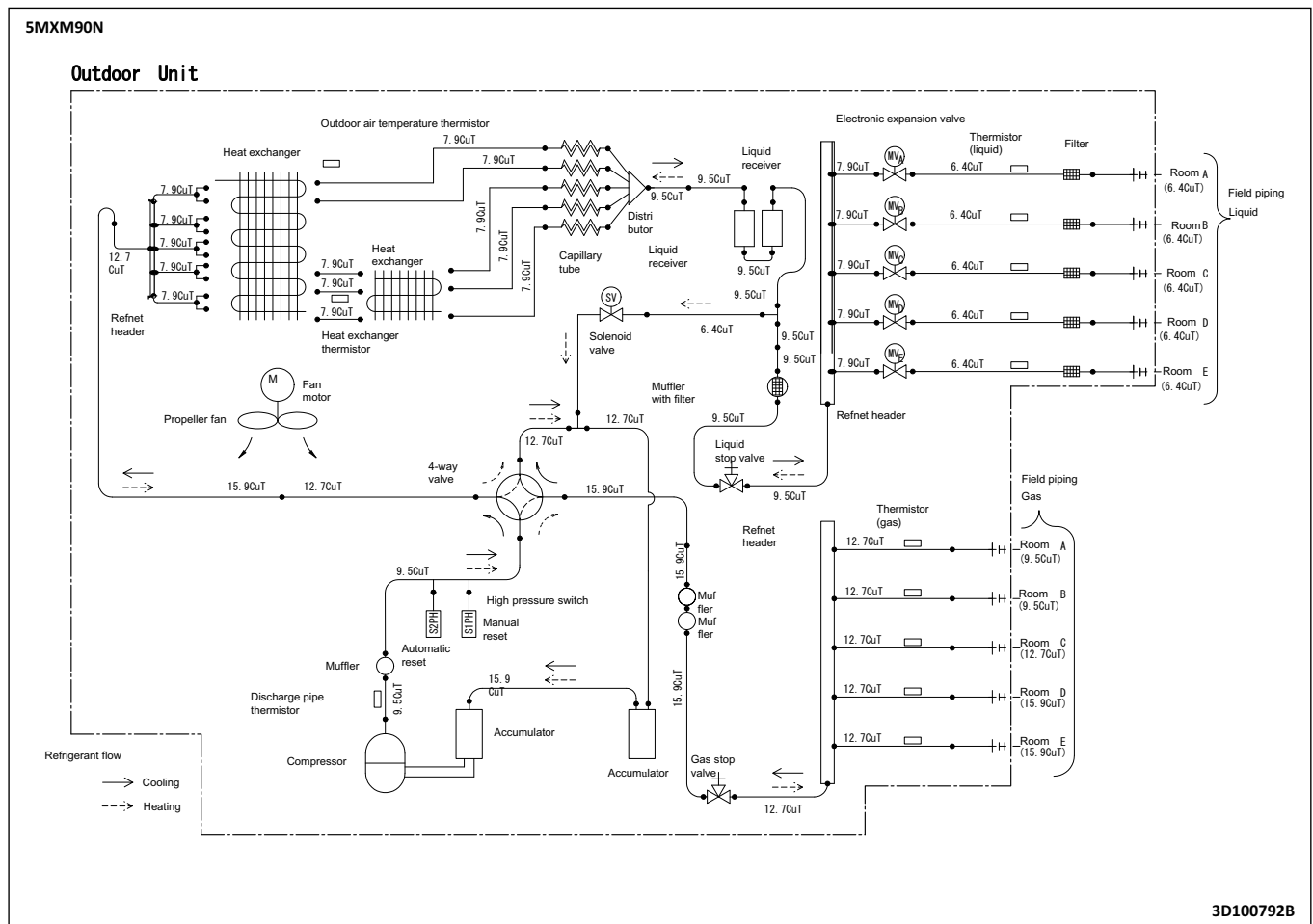
5MXM90N



4D102821A

8 Piping diagrams

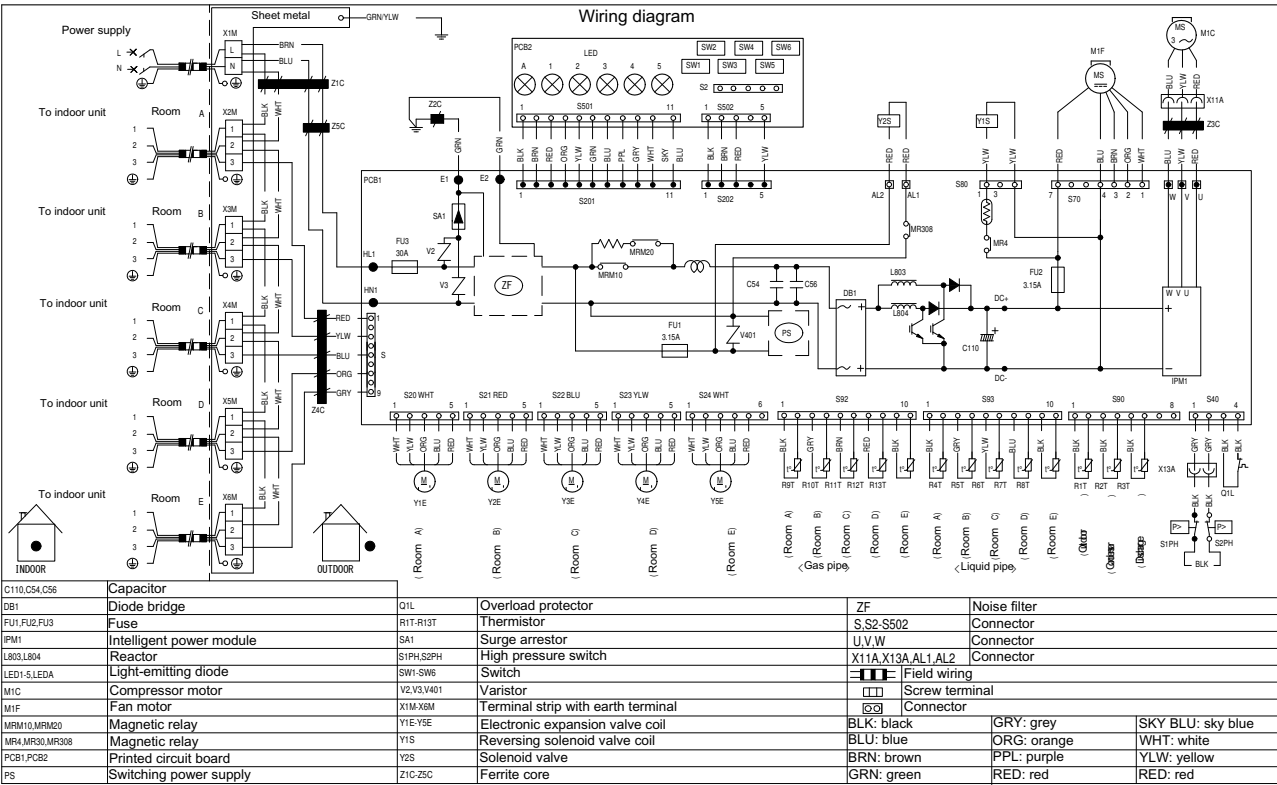
8 - 1 Piping Diagrams



9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

5MXM90N

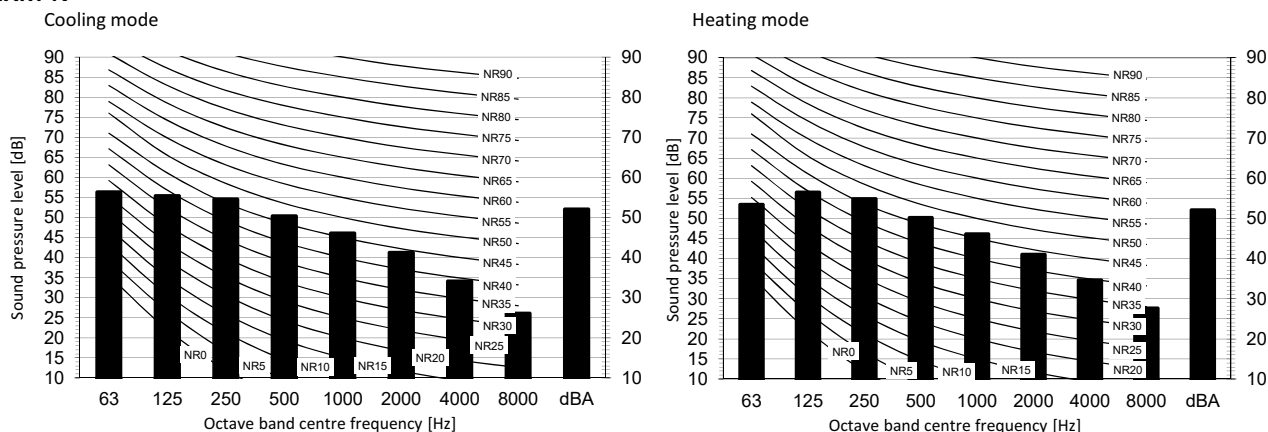


3D106250A

10 Sound data

10 - 1 Sound Pressure Spectrum

5MXM-N



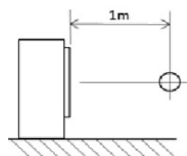
Legend

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

A Scale

B Fan speed: High

Location of microphone



Notes

- Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- Background noise already taken into account.
- Operating noise varies depending on operation and ambient conditions.
- The operation noise measuring method is in accordance with JISC9612.
- Measuring location: anechoic chamber
- Editable data for this drawing are available in the GDE (E-BOM) system.
- The values above are for connecting with the following indoor unit types:
1.5, 2.0, 2.5, 3.5, 4. kW Class

Cooling Total dB

A	B
dBA	52

Heating Total dB

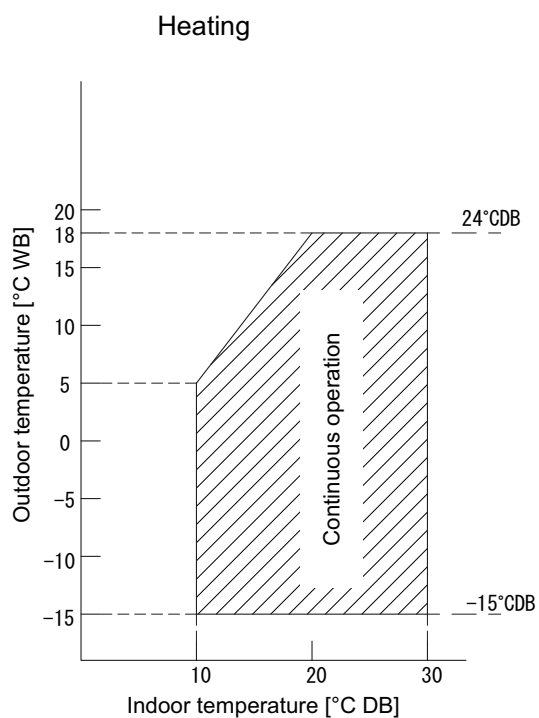
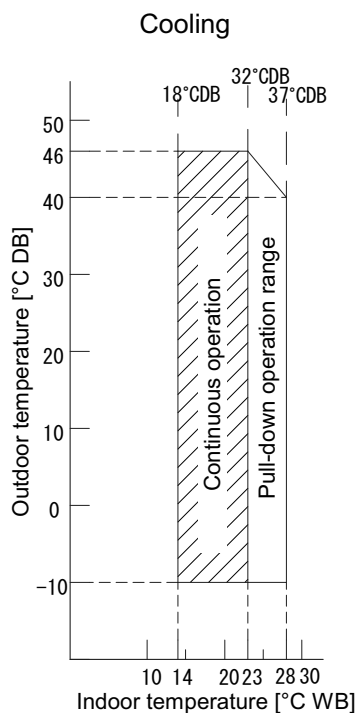
A	B
dBA	52

3D106226A

11 Operation range

11 - 1 Operation Range

5MXM-N



Notes

1. The graph is based on the following conditions.

Corresponding refrigerant piping length: 5 m

Level difference: 0 m

Air flow rate High

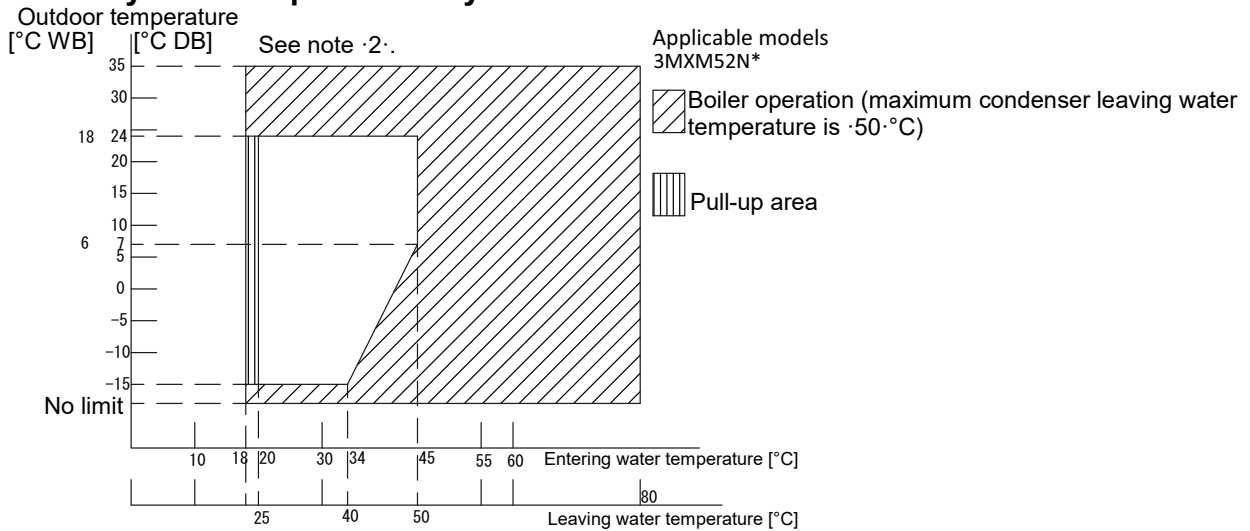
3D101376D

11 Operation range

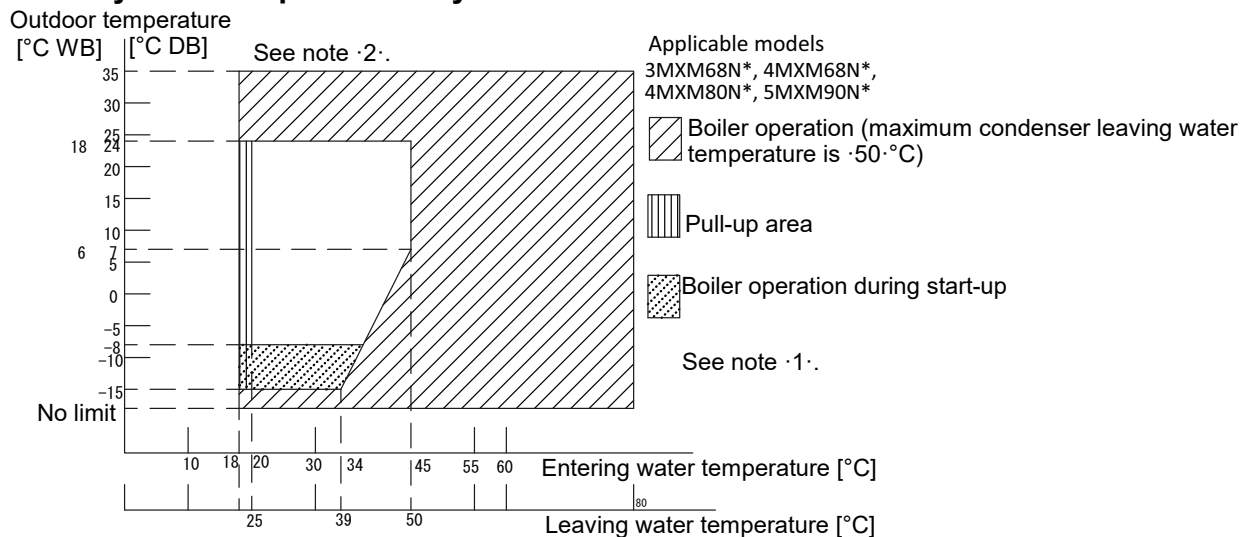
11 - 1 Operation Range

5MXM-N

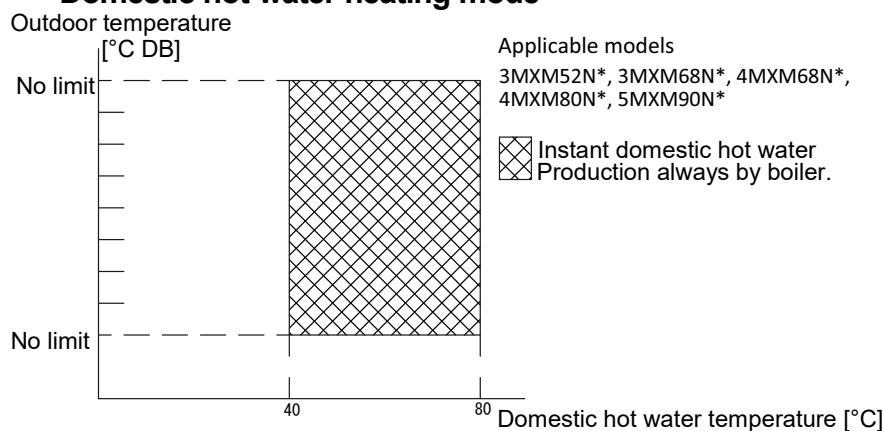
Hybrid unit operation only



Hybrid unit operation only



Domestic hot water heating mode



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.

3D109333

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