

Air Conditioning Technical Data

5MXM-N



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5MXM-N

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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	m³/min	24.1			
			cfm	851			
		Heating	High	m³/min	50.4		
				cfm	1,780		
	Nom.		m³/min	50.4			
			cfm	1,780			
	Super low	m³/min	24.1				
		cfm	851				
Fan motor	Model				DB90B-37		
	Output			W	128		
	Speed	Cooling	High	rpm	800		
				rpm	800		
			Low	rpm	420		
				Super low	rpm	-	
		Heating	High	rpm	820		
				rpm	820		
			Low	rpm	420		
				Super low	rpm	-	
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
	Type				FW68DA
	Charged volume			l	0.90

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
Current - 60Hz	Maximum fuse amps (MFA)			A	-

Notes

Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

5MXM90N

Model		Unit				Power supply		COMP.		OFM	
Outdoor	H/P C/O	Hz	Voltage	MIN.	MAX.	MCA	MFA	MSC	RLA	kW	FLA
3MXM68N2V1B	H/P	50	220	198	242	21.0	30	9.8	8.76	0.056	0.37
			230	207	253				8.37		
			240	216	264				8.03		
4MXM68N2V1B	H/P	50	220	198	242	21.0	30	8.3	7.65	0.056	0.37
			230	207	253				7.31		
			240	216	264				7.01		
4MXM80N2V1B	H/P	50	220	198	242	21.0	30	11.2	9.32	0.075	0.50
			230	207	253				8.91		
			240	216	264				8.54		
5MXM90N2V1B	H/P	50	220	198	242	24.5	30	11.8	10.40	0.075	0.50
			230	207	253				9.94		
			240	216	264				9.53		

Symbols

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

Notes

- The RLA is based on the following conditions.
Cooling
Indoor temperature : 27 ° C DB / - 19 ° C WB
Outdoor temperature : 35 ° C DB
- Voltage range
The units are suitable for use with electrical system in which the voltage supplied to the unit terminals is not below or above the listed range limits.
- The maximum allowable voltage that is unbalanced between phases is : 2 %.
- Select the wire size according to the MCA.
- MFA is used to select the circuit breaker and the ground fault circuit interruptor.
- Earth leakage circuit breaker
- Editable data for this drawing are available in the GDE system.

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4 Combination table

4 - 1 Combination Table

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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 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
...	...

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 / Hybrid for Multi.

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.	
5MXM52N	1.50	1.50	---	---	1.40	1.50	2.20	0.30	0.35	0.48	1.50	1.60	2.2	91
	2.00	2.00	---	---	1.40	2.00	2.80	0.30	0.48	0.71	1.50	2.30	3.4	91
	2.50	---	---	---	1.40	2.50	3.10	0.30	0.50	0.64	1.50	3.00	3.9	91
	3.50	---	---	---	1.40	3.50	4.10	0.30	0.58	1.19	1.50	4.00	5.7	91
	1.5+1.5	1.50	1.50	---	1.40	3.00	4.20	0.30	0.58	1.14	1.60	3.80	5.44	91
	1.5+2.0	1.50	2.00	---	1.40	3.50	4.20	0.30	0.71	1.12	1.60	3.80	5.30	91
	1.5+2.5	1.50	2.50	---	1.40	4.00	4.20	0.30	0.68	1.10	1.60	4.10	5.30	91
	1.5+3.5	1.50	2.50	---	1.40	4.00	4.20	0.30	0.88	1.08	1.60	4.00	5.30	91
	2.0+2.0	2.00	2.00	---	1.40	4.00	4.20	0.30	0.64	1.09	1.60	4.00	5.30	91
	2.0+2.5	1.78	2.22	---	1.40	4.00	4.20	0.30	0.65	1.07	1.60	3.97	5.20	91
	2.5+2.5	1.45	2.55	---	1.40	4.00	4.20	0.30	0.63	1.00	1.60	3.90	5.20	91
	2.5+2.5	2.00	2.00	---	1.40	4.00	4.20	0.30	0.55	1.00	1.60	3.90	5.20	91
	2.5+3.5	1.87	2.33	---	1.40	4.00	4.20	0.30	0.60	1.01	1.60	3.90	5.20	91
	3.5+3.5	2.00	2.00	---	1.40	4.00	4.20	0.30	0.60	0.99	1.60	3.90	5.11	91
	1.5+1.5+1.5	1.50	1.50	1.50	1.70	4.00	4.80	0.30	0.77	0.98	1.74	3.70	4.68	91
	1.5+1.5+2.0	1.50	1.50	2.00	1.70	4.00	4.80	0.30	0.77	0.94	1.74	3.68	4.68	91
	1.5+1.5+2.5	0.92	0.92	2.15	1.70	4.00	4.80	0.30	0.70	0.90	1.74	3.64	4.68	91
	1.5+2.0+2.0	1.00	1.40	1.40	1.70	4.00	4.80	0.30	0.77	0.92	1.74	3.68	4.68	91
	1.5+2.0+2.5	1.00	1.30	1.87	1.70	4.00	4.80	0.30	0.70	0.91	1.74	3.64	4.68	91
	1.5+2.5+2.5	0.86	1.14	2.00	1.70	4.00	4.80	0.30	0.70	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	4.80	0.30	0.70	0.87	1.74	3.64	4.68	91
	2.0+2.0+2.0	1.30	1.30	1.30	1.70	4.00	4.80	0.30	0.70	0.88	1.74	3.64	4.68	91
	2.0+2.0+2.5	1.20	1.20	1.54	1.70	4.00	4.80	0.30	0.70	0.80	1.74	3.64	4.68	91
	2.0+2.5+2.5	1.14	1.40	1.40	1.70	4.00	4.80	0.30	0.70	0.81	1.74	3.60	4.68	91

Performance characteristics

①	②	Indoor air temperature [°C WB]											
		14°C			16°C			18°C			19°C		
		TC	PI	TC	TC	PI	TC	TC	PI	TC	TC	PI	TC
1.5+1.5	1.5+1.5	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
		22.0	3.50	0.50	4.51	0.83	4.78	0.86	4.92	0.88	5.33	0.92	5.61
		25.0	3.50	0.60	4.34	0.89	4.62	0.92	4.76	0.93	5.17	0.98	5.44
		32.0	3.50	0.90	3.95	1.03	4.23	1.06	4.37	1.08	4.78	1.12	5.05
		35.0	3.50	1.06	3.79	1.10	4.06	1.13	4.20	1.14	4.61	1.19	4.89
		40.0	3.24	1.18	3.51	1.21	3.79	1.24	3.92	1.26	4.33	1.31	4.61
1.5+1.5	1.5+1.5	43.0	3.07	1.26	3.34	1.29	3.62	1.32	3.76	1.33	4.17	1.38	4.44
		46.0	2.87	1.30	3.10	1.30	3.34	1.30	3.45	1.30	3.78	1.30	4.00

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 or heating operation by the Hybrid 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.

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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.	
5MXM90M2V1B	1.5	2.70	---	---	---	---	1.28	2.70	3.93	0.28	0.73	1.28	1.29	3.35	5.86	95
	2.0	3.70	---	---	---	---	1.33	3.70	4.37	0.34	1.73	1.34	1.55	7.92	6.13	95
	2.5	4.70	---	---	---	---	1.39	4.70	4.84	0.36	2.73	1.44	1.64	12.50	6.57	95
	3.5	5.70	---	---	---	---	1.51	5.70	5.31	0.38	3.73	1.89	1.73	17.08	8.66	95
	4.2	6.70	---	---	---	---	1.56	6.70	6.16	0.40	4.73	2.02	1.82	21.65	9.23	95
	5.0	7.70	---	---	---	---	1.94	7.70	7.75	0.47	5.73	2.34	2.13	26.23	10.70	95
	6.0	8.70	---	---	---	---	2.23	8.70	8.87	0.58	6.73	2.80	2.66	30.81	12.83	95
	7.1	9.70	---	---	---	---	2.55	9.70	9.38	0.65	7.73	2.95	2.97	35.38	13.50	95
	1.5+1.5	2.65	2.65	---	---	---	1.51	5.30	5.98	0.37	1.26	1.36	1.68	5.77	6.23	95
	1.5+2.0	2.27	3.03	---	---	---	1.57	5.30	5.98	0.35	1.28	1.36	1.59	5.86	6.23	95
	1.5+2.5	1.99	3.31	---	---	---	1.72	5.30	7.76	0.37	1.30	1.92	1.68	5.95	8.80	95
	1.5+3.5	1.59	3.71	---	---	---	2.02	5.30	7.76	0.44	1.46	2.11	2.02	6.69	9.64	95
	1.5+4.2	1.39	3.91	---	---	---	2.23	5.30	8.87	0.42	1.51	2.59	1.94	6.92	11.83	95
	1.5+5.0	1.22	4.08	---	---	---	2.48	5.30	9.45	0.44	1.44	2.45	2.02	6.60	11.20	95
	1.5+6.0	1.06	4.24	---	---	---	2.77	5.30	10.28	0.48	1.46	2.72	2.19	6.69	12.46	95
	1.5+7.1	0.92	4.38	---	---	---	3.09	5.30	10.30	0.52	1.54	2.70	2.37	7.05	12.38	95
	2.0+2.0	2.65	2.65	---	---	---	1.72	5.30	7.12	0.37	1.29	1.72	1.68	5.91	7.87	95
	2.0+2.5	2.36	2.94	---	---	---	1.88	5.30	7.54	0.39	1.32	1.89	1.76	6.05	8.63	95
	2.0+3.5	1.93	3.37	---	---	---	2.17	5.30	8.05	0.47	1.38	2.24	2.15	6.32	10.27	95
	2.0+4.2	1.71	3.59	---	---	---	2.39	5.30	8.87	0.58	1.42	2.59	2.67	6.50	11.83	95
	2.0+5.0	1.51	3.79	---	---	---	2.62	5.30	9.45	0.59	1.47	2.45	2.71	6.73	11.20	95
	2.0+6.0	1.33	3.98	---	---	---	2.92	5.30	10.28	0.61	1.50	2.72	2.80	6.87	12.46	95
	2.0+7.1	1.16	4.14	---	---	---	3.23	5.30	10.78	0.65	1.54	2.93	2.97	7.05	13.39	95
	2.5+2.5	2.65	2.65	---	---	---	2.02	5.30	7.76	0.44	1.50	2.16	2.02	6.87	9.89	95
	2.5+3.5	2.21	3.09	---	---	---	2.33	5.30	8.87	0.56	1.51	2.70	2.58	6.92	12.38	95
	2.5+4.2	1.98	3.32	---	---	---	2.54	5.30	9.38	0.61	1.52	2.93	2.80	6.96	13.39	95
	2.5+5.0	1.77	3.53	---	---	---	2.77	5.30	10.09	0.62	1.52	2.75	2.84	6.96	12.59	95
	2.5+6.0	1.56	3.74	---	---	---	3.06	5.30	10.28	0.63	1.53	2.79	2.88	7.01	12.76	95
	2.5+7.1	1.38	3.92	---	---	---	3.38	5.30	11.20	0.68	1.53	3.18	3.10	7.01	14.57	95
	3.5+3.5	2.65	2.65	---	---	---	2.62	5.30	9.38	0.61	1.59	2.90	2.80	7.28	13.26	95
	3.5+4.2	2.41	2.89	---	---	---	2.83	5.30	9.98	0.66	1.64	3.25	3.01	7.51	14.86	95
	3.5+5.0	2.18	3.12	---	---	---	3.06	5.30	10.09	0.67	1.53	2.74	3.05	7.01	12.55	95
	3.5+6.0	1.95	3.35	---	---	---	3.35	5.30	11.18	0.68	1.47	3.16	3.10	6.73	14.44	95
	3.5+7.1	1.75	3.55	---	---	---	3.66	5.30	11.21	0.72	1.45	3.08	3.31	6.64	14.11	95
	4.2+4.2	2.65	2.65	---	---	---	3.03	5.30	9.99	0.68	1.47	3.25	3.10	6.73	14.86	95
	4.2+5.0	2.42	2.88	---	---	---	3.26	5.30	10.52	0.69	1.47	3.02	3.14	6.73	13.81	95
	4.2+6.0	2.18	3.12	---	---	---	3.55	5.30	11.19	0.71	1.45	3.15	3.23	6.64	14.40	95
	4.2+7.1	1.97	3.33	---	---	---	3.87	5.30	11.21	0.74	1.43	3.07	3.40	6.55	14.06	95
	5.0+5.0	2.65	2.65	---	---	---	3.49	5.30	11.07	0.71	1.44	3.13	3.27	6.60	14.32	95
	5.0+6.0	2.41	2.89	---	---	---	3.77	5.30	11.32	0.71	1.42	3.05	3.23	6.50	13.94	95
	5.0+7.1	2.19	3.11	---	---	---	4.09	5.30	10.93	0.78	1.40	2.82	3.57	6.41	12.88	95
	6.0+6.0	2.65	2.65	---	---	---	4.07	5.30	11.14	0.71	1.40	2.80	3.27	6.41	12.80	95
	6.0+7.1	2.43	2.87	---	---	---	4.39	5.30	11.17	0.79	1.39	2.79	3.61	6.37	12.76	95
	7.1+7.1	2.65	2.65	---	---	---	4.70	5.30	11.20	0.84	1.38	2.78	3.83	6.32	12.72	95

Notes

- The total capacity of each connected indoor unit is up to 14.2kW.
- 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
- These indoor units can only be used in a multi-unit setup.
- 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 system.

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4 Combination table

4 - 1 Combination Table

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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.	
5MXM90M2V1B	1.5+1.5+1.5	1,77	1,77	1,77	---	---	1,88	5,30	7,82	0,44	1,16	1,77	2,02	5,31	8,08	95
	1.5+1.5+2.0	1,59	1,59	2,12	---	---	2,02	5,30	7,82	0,46	1,20	1,77	2,11	5,50	8,08	95
	1.5+1.5+2.5	1,45	1,45	2,41	---	---	2,17	5,30	7,82	0,48	1,26	1,77	2,19	5,77	8,08	95
	1.5+1.5+3.5	1,22	1,22	2,85	---	---	2,48	5,30	9,59	0,52	1,36	2,36	2,37	6,23	10,82	95
	1.5+1.5+4.2	1,10	1,10	3,09	---	---	2,68	5,30	9,59	0,56	1,40	2,36	2,58	6,41	10,82	95
	1.5+1.5+5.0	0,99	0,99	3,31	---	---	2,92	5,30	10,39	0,56	1,41	2,61	2,58	6,46	11,96	95
	1.5+1.5+6.0	0,88	0,88	3,53	---	---	3,20	5,30	11,14	0,57	1,39	2,80	2,62	6,37	12,80	95
	1.5+1.5+7.1	0,79	0,79	3,73	---	---	3,52	5,30	11,18	0,61	1,43	2,79	2,80	6,55	12,76	95
	1.5+2.0+2.0	1,45	1,93	1,93	---	---	2,17	5,30	7,82	0,48	1,26	1,77	2,19	5,77	8,08	95
	1.5+2.0+2.5	1,33	1,77	2,21	---	---	2,33	5,30	9,02	0,50	1,29	2,13	2,28	5,91	9,77	95
	1.5+2.0+3.5	1,14	1,51	2,65	---	---	2,63	5,30	9,59	0,54	1,38	2,36	2,45	6,32	10,82	95
	1.5+2.0+4.2	1,03	1,38	2,89	---	---	2,83	5,30	10,29	0,58	1,41	2,66	2,67	6,46	12,17	95
	1.5+2.0+5.0	0,94	1,25	3,12	---	---	3,06	5,30	10,39	0,58	1,47	2,61	2,67	6,73	11,96	95
	1.5+2.0+6.0	0,84	1,12	3,35	---	---	3,35	5,30	11,14	0,60	1,44	2,80	2,75	6,60	12,80	95
	1.5+2.0+7.1	0,75	1,00	3,55	---	---	3,66	5,30	11,18	0,64	1,43	2,79	2,93	6,55	12,76	95
	1.5+2.5+2.5	1,22	2,04	2,04	---	---	2,48	5,30	9,58	0,52	1,33	2,37	2,37	6,09	10,86	95
	1.5+2.5+3.5	1,06	1,77	2,47	---	---	2,77	5,30	10,29	0,56	1,39	2,66	2,58	6,37	12,17	95
	1.5+2.5+4.2	0,97	1,62	2,71	---	---	2,97	5,30	10,29	0,60	1,45	2,66	2,75	6,64	12,17	95
	1.5+2.5+5.0	0,88	1,47	2,94	---	---	3,20	5,30	10,90	0,61	1,40	2,82	2,80	6,41	12,93	95
	1.5+2.5+6.0	0,80	1,33	3,18	---	---	3,49	5,30	11,14	0,62	1,37	2,80	2,84	6,28	12,80	95
	1.5+2.5+7.1	0,72	1,19	3,39	---	---	3,80	5,30	11,18	0,66	1,34	2,79	3,01	6,14	12,76	95
	1.5+3.5+3.5	0,94	2,18	2,18	---	---	3,06	5,30	10,29	0,60	1,45	2,66	2,75	6,64	12,17	95
	1.5+3.5+4.2	0,86	2,02	2,42	---	---	3,26	5,30	10,78	0,65	1,44	2,87	2,97	6,60	13,14	95
	1.5+3.5+5.0	0,80	1,86	2,65	---	---	3,49	5,30	10,91	0,66	1,38	2,82	3,01	6,32	12,93	95
	1.5+3.5+6.0	0,72	1,69	2,89	---	---	3,77	5,30	11,15	0,67	1,36	2,80	3,05	6,23	12,80	95
	1.5+3.5+7.1	0,66	1,53	3,11	---	---	4,09	5,30	11,18	0,73	1,33	2,79	3,36	6,09	12,76	95
	1.5+4.2+4.2	0,80	2,25	2,25	---	---	3,46	5,30	10,90	0,68	1,43	2,92	3,10	6,55	13,35	95
	1.5+4.2+5.0	0,74	2,08	2,48	---	---	3,69	5,30	11,03	0,71	1,37	2,82	3,23	6,28	12,93	95
	1.5+4.2+6.0	0,68	1,90	2,72	---	---	3,98	5,30	11,27	0,71	1,35	2,80	3,27	6,18	12,80	95
	1.5+4.2+7.1	0,62	1,74	2,94	---	---	4,29	5,30	11,30	0,76	1,32	2,78	3,48	6,05	12,72	95
	1.5+5.0+5.0	0,69	2,30	2,30	---	---	3,92	5,30	11,17	0,71	1,33	2,83	3,23	6,09	12,97	95
	1.5+5.0+6.0	0,64	2,12	2,54	---	---	4,21	5,30	11,41	0,71	1,30	2,75	3,27	5,95	12,59	95
	1.5+5.0+7.1	0,58	1,95	2,77	---	---	4,53	5,30	11,44	0,79	1,28	2,73	3,61	5,86	12,51	95
	1.5+6.0+6.0	0,59	2,36	2,36	---	---	4,50	5,30	11,65	0,72	1,29	2,67	3,31	5,91	12,21	95
	1.5+6.0+7.1	0,70	2,11	2,49	---	---	4,81	5,30	11,68	0,79	1,27	2,66	3,61	5,82	12,17	95
	2.0+2.0+2.0	1,77	1,77	1,77	---	---	2,33	5,30	9,02	0,50	1,25	2,13	2,28	5,73	9,77	95
	2.0+2.0+2.5	1,63	1,63	2,04	---	---	2,48	5,30	9,58	0,52	1,27	2,37	2,37	5,82	10,86	95
	2.0+2.0+3.5	1,41	1,41	2,47	---	---	2,77	5,30	10,29	0,56	1,34	2,66	2,58	6,14	12,17	95
	2.0+2.0+4.2	1,29	1,29	2,71	---	---	2,97	5,30	10,29	0,60	1,40	2,66	2,75	6,41	12,17	95
	2.0+2.0+5.0	1,18	1,18	2,94	---	---	3,20	5,30	10,90	0,61	1,47	2,82	2,80	6,73	12,93	95
	2.0+2.0+6.0	1,06	1,06	3,18	---	---	3,49	5,30	11,14	0,62	1,45	2,80	2,84	6,64	12,80	95
	2.0+2.0+7.1	0,95	0,95	3,39	---	---	3,80	5,30	11,18	0,66	1,42	2,79	3,01	6,50	12,76	95
	2.0+2.5+2.5	1,51	1,89	1,89	---	---	2,62	5,30	9,58	0,54	1,34	2,37	2,45	6,14	10,86	95
	2.0+2.5+3.5	1,33	1,66	2,32	---	---	2,92	5,30	10,29	0,58	1,40	2,66	2,67	6,41	12,17	95

Notes

- The total capacity of each connected indoor unit is up to 14.6kW.
- 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
- These indoor units can only be used in a multi-unit setup.
- 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 system.

3D103930

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.	
5MXM90M2V1B	2.0+2.5+4.2	1,22	1,52	2,56	---	---	3,12	5,30	10,77	0,63	1,47	2,87	2,88	6,73	13,14	95
	2.0+2.5+5.0	1,12	1,39	2,79	---	---	3,35	5,30	10,90	0,63	1,45	2,82	2,88	6,64	12,93	95
	2.0+2.5+6.0	1,01	1,26	3,03	---	---	3,63	5,30	11,14	0,64	1,42	2,80	2,93	6,50	12,80	95
	2.0+2.5+7.1	0,91	1,14	3,24	---	---	3,95	5,30	11,18	0,69	1,41	2,79	3,14	6,46	12,76	95
	2.0+3.5+3.5	1,18	2,06	2,06	---	---	3,20	5,30	10,77	0,65	1,47	2,87	2,97	6,73	13,14	95
	2.0+3.5+4.2	1,09	1,91	2,29	---	---	3,41	5,30	10,97	0,68	1,46	2,97	3,10	6,69	13,60	95
	2.0+3.5+5.0	1,01	1,77	2,52	---	---	3,63	5,30	11,34	0,68	1,45	3,04	3,10	6,64	13,89	95
	2.0+3.5+6.0	0,92	1,61	2,77	---	---	3,92	5,30	11,15	0,69	1,42	2,80	3,14	6,50	12,80	95
	2.0+3.5+7.1	0,84	1,47	2,99	---	---	4,23	5,30	11,18	0,76	1,44	2,79	3,48	6,60	12,76	95
	2.0+4.2+4.2	1,02	2,14	2,14	---	---	3,60	5,30	10,98	0,70	1,45	2,97	3,18	6,64	13,60	95
	2.0+4.2+5.0	0,95	1,99	2,37	---	---	3,84	5,30	11,35	0,72	1,44	3,04	3,31	6,60	13,89	95
	2.0+4.2+6.0	0,87	1,82	2,61	---	---	4,12	5,30	11,16	0,73	1,38	2,80	3,36	6,32	12,80	95
	2.0+4.2+7.1	0,80	1,67	2,83	---	---	4,44	5,30	11,19	0,78	1,36	2,78	3,57	6,23	12,72	95
	2.0+5.0+5.0	0,88	2,21	2,21	---	---	4,07	5,30	11,06	0,75	1,37	2,83	3,44	6,28	12,97	95
	2.0+5.0+6.0	0,82	2,04	2,45	---	---	4,36	5,30	11,29	0,74	1,36	2,75	3,40	6,23	12,59	95
	2.0+5.0+7.1	0,75	1,88	2,67	---	---	4,67	5,30	11,33	0,81	1,35	2,73	3,70	6,18	12,51	95
	2.0+6.0+6.0	0,76	2,27	2,27	---	---	4,64	5,30	11,53	0,77	1,29	2,67	3,53	5,91	12,21	95
	2.0+6.0+7.1	0,70	2,11	2,49	---	---	4,96	5,30	11,56	0,82	1,27	2,66	3,74	5,82	12,17	95
	2.5+2.5+2.5	1,77	1,77	1,77	---	---	2,77	5,30	10,28	0,56	1,42	2,66	2,58	6,50	12,17	95
	2.5+2.5+3.5	1,56	1,56	2,18	---	---	3,06	5,30	10,29	0,63	1,40	2,66	2,88	6,41	12,17	95
	2.5+2.5+4.2	1,44	1,44	2,42	---	---	3,26	5,30	10,77	0,65	1,39	2,87	2,97	6,37	13,14	95
	2.5+2.5+5.0	1,33	1,33	2,65	---	---	3,49	5,30	11,33	0,66	1,33	3,04	3,01	6,09	13,89	95
	2.5+2.5+6.0	1,20	1,20	2,89	---	---	3,77	5,30	11,14	0,67	1,31	2,80	3,05	6,00	12,80	95
	2.5+2.5+7.1	1,10	1,10	3,11	---	---	4,09	5,30	11,18	0,73	1,28	2,79	3,36	5,86	12,76	95
	2.5+3.5+3.5	1,39	1,95	1,95	---	---	3,35	5,30	11,19	0,68	1,37	3,08	3,10	6,28	14,11	95
	2.5+3.5+4.2	1,30	1,82	2,18	---	---	3,55	5,30	11,20	0,70	1,35	3,08	3,18	6,18	14,11	95
	2.5+3.5+5.0	1,20	1,69	2,41	---	---	3,77	5,30	11,34	0,71	1,30	3,04	3,23	5,95	13,89	95
	2.5+3.5+6.0	1,10	1,55	2,65	---	---	4,07	5,30	11,15	0,71	1,28	2,80	3,27	5,86	12,80	95
	2.5+3.5+7.1	1,01	1,42	2,87	---	---	4,39	5,30	11,18	0,78	1,25	2,79	3,57	5,73	12,76	95
	2.5+4.2+4.2	1,22	2,04	2,04	---	---	3,75	5,30	11,20	0,72	1,34	3,08	3,31	6,14	14,11	95
	2.5+4.2+5.0	1,13	1,90	2,26	---	---	3,98	5,30	11,35	0,75	1,29	3,04	3,44	5,91	13,89	95
	2.5+4.2+6.0	1,04	1,75	2,50	---	---	4,26	5,30	11,16	0,76	1,27	2,80	3,48	5,82	12,80	95
	2.5+4.2+7.1	0,96	1,61	2,73	---	---	4,58	5,30	11,19	0,81	1,24	2,78	3,70	5,68	12,72	95
	2.5+5.0+5.0	1,06	2,12	2,12	---	---	4,21	5,30	11,06	0,78	1,28	2,83	3,57	5,86	12,97	95
	2.5+5.0+6.0	0,98	1,96	2,36	---	---	4,50	5,30	11,29	0,79	1,26	2,75	3,61	5,77	12,59	95
	2.5+5.0+7.1	0,91	1,82	2,58	---	---	4,81	5,30	11,33	0,84	1,23	2,73	3,83	5,63	12,51	95
	2.5+6.0+6.0	0,91	2,19	2,19	---	---	4,78	5,30	11,53	0,80	1,25	2,67	3,66	5,73	12,21	95
	2.5+6.0+7.1	0,85	2,04	2,41	---	---	5,10	5,30	11,56	0,85	1,23	2,66	3,87	5,63	12,17	95
	3.5+3.5+3.5	1,77	1,77	1,77	---	---	3,63	5,30	11,19	0,72	1,41	3,08	3,31	6,46	14,11	95
	3.5+3.5+4.2	1,66	1,66	1,99	---	---	3,84	5,30	11,20	0,75	1,40	3,08	3,44	6,41	14,11	95
	3.5+3.5+5.0	1,55	1,55	2,21	---	---	4,07	5,30	11,35	0,78	1,34	3,04	3,57	6,14	13,89	95
	3.5+3.5+6.0	1,43	1,43	2,45	---	---	4,36	5,30	11,16	0,79	1,32	2,80	3,61	6,05	12,80	95
	3.5+3.5+7.1	1,32	1,32	2,67	---	---	4,67	5,30	11,19	0,84	1,29	2,78	3,83	5,91	12,72	95
	3.5+4.2+4.2	1,56	1,87	1,87	---	---	4,04	5,30	11,21	0,80	1,39	3,07	3,66	6,37	14,06	95

Notes

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. 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
3. These indoor units can only be used in a multi-unit setup.
4. Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
5. Editable data for this drawing are available in the GDE system.

3D103931

4 Combination table

4 - 1 Combination Table

4

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.	
5MXM90M2V1B	3.5+4.2+5.0	1.46	1.75	2.09	---	---	4.26	5.30	10.93	0.80	1.33	2.87	3.66	6.09	13.14	95
	3.5+4.2+6.0	1.35	1.62	2.32	---	---	4.55	5.30	11.17	0.82	1.31	2.79	3.74	6.00	12.76	95
	3.5+4.2+7.1	1.25	1.50	2.54	---	---	4.88	5.30	11.20	0.89	1.28	2.78	4.09	5.86	12.72	95
	3.5+5.0+5.0	1.37	1.96	1.96	---	---	4.50	5.30	11.07	0.84	1.32	2.82	3.83	6.05	12.93	95
	3.5+5.0+6.0	1.28	1.83	2.19	---	---	4.78	5.30	11.29	0.85	1.30	2.74	3.87	5.95	12.55	95
	3.5+5.0+7.1	1.19	1.70	2.41	---	---	5.10	5.30	11.34	0.89	1.27	2.73	4.09	5.82	12.51	95
	3.5+6.0+6.0	1.20	2.05	2.05	---	---	5.07	5.30	11.53	0.86	1.29	2.67	3.91	5.91	12.21	95
	4.2+4.2+4.2	1.77	1.77	1.77	---	---	4.23	5.30	11.22	0.83	1.38	3.07	3.79	6.32	14.06	95
	4.2+4.2+5.0	1.66	1.66	1.98	---	---	4.47	5.30	10.94	0.86	1.32	2.87	3.91	6.05	13.14	95
	4.2+4.2+6.0	1.55	1.55	2.21	---	---	4.75	5.30	11.18	0.86	1.30	2.79	3.96	5.95	12.76	95
	4.2+4.2+7.1	1.44	1.44	2.43	---	---	5.07	5.30	11.21	0.92	1.27	2.78	4.22	5.82	12.72	95
	4.2+5.0+5.0	1.57	1.87	1.87	---	---	4.70	5.30	11.07	0.86	1.31	2.82	3.91	6.00	12.93	95
	4.2+5.0+6.0	1.46	1.74	2.09	---	---	4.99	5.30	11.30	0.87	1.29	2.74	4.00	5.91	12.55	95
	5.0+5.0+5.0	1.77	1.77	1.77	---	---	4.93	5.30	11.20	0.89	1.30	2.78	4.09	5.95	12.72	95
	1.5+1.5+1.5+1.5	1.33	1.33	1.33	1.33	---	2.33	5.30	9.17	0.43	1.24	2.06	1.98	5.68	9.43	95
	1.5+1.5+1.5+2.0	1.22	1.22	1.22	1.63	---	2.48	5.30	9.80	0.45	1.28	2.24	2.06	5.86	10.27	95
	1.5+1.5+1.5+2.5	1.14	1.14	1.14	1.89	---	2.63	5.30	9.80	0.47	1.29	2.24	2.15	5.91	10.27	95
	1.5+1.5+1.5+3.5	0.99	0.99	0.99	2.32	---	2.92	5.30	10.60	0.51	1.32	2.53	2.32	6.05	11.58	95
	1.5+1.5+1.5+4.2	0.91	0.91	0.91	2.56	---	3.12	5.30	11.17	0.55	1.38	2.79	2.54	6.32	12.76	95
	1.5+1.5+1.5+5.0	0.84	0.84	0.84	2.79	---	3.35	5.30	11.29	0.55	1.33	2.74	2.54	6.09	12.55	95
	1.5+1.5+1.5+6.0	0.76	0.76	0.76	3.03	---	3.63	5.30	11.53	0.56	1.30	2.67	2.58	5.95	12.21	95
	1.5+1.5+1.5+7.1	0.69	0.69	0.69	3.24	---	3.95	5.30	11.56	0.62	1.27	2.65	2.84	5.82	12.13	95
	1.5+1.5+2.0+2.0	1.14	1.14	1.51	1.51	---	2.63	5.30	9.80	0.47	1.27	2.24	2.15	5.82	10.27	95
	1.5+1.5+2.0+2.5	1.06	1.06	1.41	1.77	---	2.77	5.30	10.59	0.49	1.29	2.54	2.24	5.91	11.62	95
	1.5+1.5+2.0+3.5	0.94	0.94	1.25	2.18	---	3.06	5.30	10.60	0.55	1.34	2.53	2.54	6.14	11.58	95
	1.5+1.5+2.0+4.2	0.86	0.86	1.15	2.42	---	3.26	5.30	11.17	0.57	1.33	2.79	2.62	6.09	12.76	95
	1.5+1.5+2.0+5.0	0.80	0.80	1.06	2.65	---	3.49	5.30	11.29	0.60	1.27	2.74	2.75	5.82	12.55	95
	1.5+1.5+2.0+6.0	0.72	0.72	0.96	2.89	---	3.77	5.30	11.53	0.58	1.25	2.67	2.67	5.73	12.21	95
	1.5+1.5+2.0+7.1	0.66	0.66	0.88	3.11	---	4.09	5.30	11.56	0.65	1.23	2.65	2.97	5.63	12.13	95
	1.5+1.5+2.5+2.5	0.99	0.99	1.66	1.66	---	2.92	5.30	10.59	0.54	1.35	2.54	2.45	6.18	11.62	95
	1.5+1.5+2.5+3.5	0.88	0.88	1.47	2.06	---	3.20	5.30	11.16	0.57	1.33	2.80	2.62	6.09	12.80	95
	1.5+1.5+2.5+4.2	0.82	0.82	1.37	2.29	---	3.41	5.30	11.17	0.59	1.32	2.79	2.71	6.05	12.76	95
	1.5+1.5+2.5+5.0	0.76	0.76	1.26	2.52	---	3.63	5.30	11.29	0.62	1.26	2.74	2.84	5.77	12.55	95
	1.5+1.5+2.5+6.0	0.69	0.69	1.15	2.77	---	3.92	5.30	11.53	0.63	1.24	2.67	2.88	5.68	12.21	95
	1.5+1.5+2.5+7.1	0.63	0.63	1.05	2.99	---	4.23	5.30	11.56	0.67	1.22	2.65	3.05	5.59	12.13	95
	1.5+1.5+3.5+3.5	0.80	0.80	1.86	1.86	---	3.49	5.30	11.17	0.62	1.32	2.79	2.84	6.05	12.76	95
	1.5+1.5+3.5+4.2	0.74	0.74	1.73	2.08	---	3.69	5.30	11.17	0.64	1.30	2.79	2.93	5.95	12.76	95
	1.5+1.5+3.5+5.0	0.69	0.69	1.61	2.30	---	3.92	5.30	11.30	0.67	1.25	2.74	3.05	5.73	12.55	95
	1.5+1.5+3.5+6.0	0.64	0.64	1.48	2.54	---	4.21	5.30	11.54	0.68	1.23	2.66	3.10	5.63	12.17	95
	1.5+1.5+3.5+7.1	0.58	0.58	1.36	2.77	---	4.53	5.30	11.58	0.74	1.21	2.65	3.40	5.54	12.13	95
	1.5+1.5+4.2+4.2	0.70	0.70	1.95	1.95	---	3.90	5.30	11.18	0.69	1.29	2.79	3.14	5.91	12.76	95
	1.5+1.5+4.2+5.0	0.65	0.65	1.82	2.17	---	4.12	5.30	11.32	0.71	1.25	2.74	3.27	5.73	12.55	95
	1.5+1.5+4.2+6.0	0.60	0.60	1.69	2.41	---	4.41	5.30	11.55	0.72	1.22	2.66	3.31	5.59	12.17	95
	1.5+1.5+4.2+7.1	0.56	0.56	1.56	2.63	---	4.72	5.30	11.59	0.76	1.20	2.65	3.48	5.50	12.13	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 CTX-M, FTXM-M series
- These indoor units can only be used in a multi-unit setup.
- 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 system.

3D103932

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.	
5MXM90M2V1B	1.5+1.5+5.0+5.0	0.61	0.61	2.04	2.04	---	4.36	5.30	11.45	0.71	1.24	2.70	3.27	5.68	12.34	95
	1.5+1.5+5.0+6.0	0.57	0.57	1.89	2.27	---	4.64	5.30	11.68	0.72	1.21	2.67	3.31	5.54	12.21	95
	1.5+1.5+5.0+7.1	0.53	0.53	1.75	2.49	---	4.96	5.30	11.72	0.79	1.19	2.65	3.61	5.45	12.13	95
	1.5+1.5+6.0+6.0	0.53	0.53	2.12	2.12	---	4.93	5.30	11.92	0.75	1.20	2.59	3.44	5.50	11.83	95
	1.5+2.0+2.0+2.0	1.06	1.41	1.41	1.41	---	2.77	5.30	10.59	0.49	1.29	2.54	2.24	5.91	11.62	95
	1.5+2.0+2.0+2.5	0.99	1.33	1.33	1.66	---	2.92	5.30	10.59	0.54	1.28	2.54	2.45	5.86	11.62	95
	1.5+2.0+2.0+3.5	0.88	1.18	1.18	2.06	---	3.20	5.30	11.16	0.57	1.27	2.80	2.62	5.82	12.80	95
	1.5+2.0+2.0+4.2	0.82	1.09	1.09	2.29	---	3.41	5.30	11.17	0.59	1.26	2.79	2.71	5.77	12.76	95
	1.5+2.0+2.0+5.0	0.76	1.01	1.01	2.52	---	3.63	5.30	11.29	0.62	1.25	2.74	2.84	5.73	12.55	95
	1.5+2.0+2.0+6.0	0.69	0.92	0.92	2.77	---	3.92	5.30	11.53	0.63	1.23	2.67	2.88	5.63	12.21	95
	1.5+2.0+2.0+7.1	0.63	0.84	0.84	2.99	---	4.23	5.30	11.56	0.67	1.22	2.65	3.05	5.59	12.13	95
	1.5+2.0+2.5+2.5	0.94	1.25	1.56	1.56	---	3.06	5.30	10.59	0.55	1.33	2.54	2.54	6.09	11.62	95
	1.5+2.0+2.5+3.5	0.84	1.12	1.39	1.95	---	3.35	5.30	11.16	0.59	1.31	2.80	2.71	6.00	12.80	95
	1.5+2.0+2.5+4.2	0.78	1.04	1.30	2.18	---	3.55	5.30	11.17	0.62	1.30	2.79	2.84	5.95	12.76	95
	1.5+2.0+2.5+5.0	0.72	0.96	1.20	2.41	---	3.77	5.30	11.29	0.64	1.25	2.74	2.93	5.73	12.55	95
	1.5+2.0+2.5+6.0	0.66	0.88	1.10	2.65	---	4.07	5.30	11.53	0.65	1.23	2.67	2.97	5.63	12.21	95
	1.5+2.0+2.5+7.1	0.61	0.81	1.01	2.87	---	4.39	5.30	11.56	0.70	1.21	2.65	3.18	5.54	12.13	95
	1.5+2.0+3.5+3.5	0.76	1.01	1.77	1.77	---	3.63	5.30	11.17	0.64	1.30	2.79	2.93	5.95	12.76	95
	1.5+2.0+3.5+4.2	0.71	0.95	1.66	1.99	---	3.84	5.30	11.17	0.69	1.29	2.79	3.14	5.91	12.76	95
	1.5+2.0+3.5+5.0	0.66	0.88	1.55	2.21	---	4.07	5.30	11.30	0.69	1.24	2.74	3.14	5.68	12.55	95
	1.5+2.0+3.5+6.0	0.61	0.82	1.43	2.45	---	4.36	5.30	11.54	0.70	1.22	2.66	3.18	5.59	12.17	95
	1.5+2.0+3.5+7.1	0.56	0.75	1.32	2.67	---	4.67	5.30	11.58	0.76	1.20	2.65	3.48	5.50	12.13	95
	1.5+2.0+4.2+4.2	0.67	0.89	1.87	1.87	---	4.04	5.30	11.18	0.71	1.28	2.79	3.23	5.86	12.76	95
	1.5+2.0+4.2+5.0	0.63	0.83	1.75	2.09	---	4.26	5.30	11.32	0.73	1.23	2.74	3.36	5.63	12.55	95
	1.5+2.0+4.2+6.0	0.58	0.77	1.62	2.32	---	4.55	5.30	11.55	0.74	1.21	2.66	3.40	5.54	12.17	95
	1.5+2.0+4.2+7.1	0.54	0.72	1.50	2.54	---	4.88	5.30	11.59	0.79	1.19	2.65	3.61	5.45	12.13	95
	1.5+2.0+5.0+5.0	0.59	0.79	1.96	1.96	---	4.50	5.30	11.45	0.74	1.22	2.70	3.40	5.59	12.34	95
	1.5+2.0+5.0+6.0	0.55	0.73	1.83	2.19	---	4.78	5.30	11.68	0.77	1.20	2.67	3.53	5.50	12.21	95
	1.5+2.0+5.0+7.1	0.51	0.68	1.70	2.41	---	5.10	5.30	11.72	0.82	1.18	2.65	3.74	5.41	12.13	95
	1.5+2.0+6.0+6.0	0.51	0.68	2.05	2.05	---	5.07	5.30	11.92	0.78	1.19	2.59	3.57	5.45	11.83	95
	1.5+2.5+2.5+2.5	0.88	1.47	1.47	1.47	---	3.20	5.30	11.15	0.57	1.32	2.80	2.62	6.05	12.80	95
	1.5+2.5+2.5+3.5	0.80	1.33	1.33	1.86	---	3.49	5.30	11.16	0.62	1.30	2.80	2.84	5.95	12.80	95
	1.5+2.5+2.5+4.2	0.74	1.24	1.24	2.08	---	3.69	5.30	11.17	0.64	1.29	2.79	2.93	5.91	12.76	95
	1.5+2.5+2.5+5.0	0.69	1.15	1.15	2.30	---	3.92	5.30	11.29	0.67	1.24	2.74	3.05	5.68	12.55	95
	1.5+2.5+2.5+6.0	0.64	1.06	1.06	2.54	---	4.21	5.30	11.53	0.68	1.22	2.67	3.10	5.59	12.21	95
	1.5+2.5+2.5+7.1	0.58	0.97	0.97	2.77	---	4.53	5.30	11.56	0.74	1.20	2.65	3.40	5.50	12.13	95
	1.5+2.5+3.5+3.5	0.72	1.20	1.69	1.69	---	3.77	5.30	11.17	0.67	1.29	2.79	3.05	5.91	12.76	95
	1.5+2.5+3.5+4.2	0.68	1.13	1.59	1.90	---	3.98	5.30	11.17	0.71	1.28	2.79	3.27	5.86	12.76	95
	1.5+2.5+3.5+5.0	0.64	1.06	1.48	2.12	---	4.21	5.30	11.30	0.71	1.23	2.74	3.27	5.63	12.55	95
	1.5+2.5+3.5+6.0	0.59	0.98	1.37	2.36	---	4.50	5.30	11.54	0.72	1.21	2.66	3.31	5.54	12.17	95
	1.5+2.5+3.5+7.1	0.54	0.91	1.27	2.58	---	4.81	5.30	11.58	0.79	1.19	2.65	3.61	5.45	12.13	95
	1.5+2.5+4.2+4.2	0.64	1.07	1.80	1.80	---	4.18	5.30	11.18	0.73	1.27	2.79	3.36	5.82	12.76	95
	1.5+2.5+4.2+5.0	0.60	1.00	1.69	2.01	---	4.41	5.30	11.32	0.76	1.22	2.74	3.48	5.59	12.55	95
	1.5+2.5+4.2+6.0	0.56	0.93	1.57	2.24	---	4.70	5.30	11.55	0.77	1.20	2.66	3.53	5.50	12.17	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 CTX-M, FTXM-M series
- These indoor units can only be used in a multi-unit setup.
- 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 system.

3D103933

4 Combination table

4 - 1 Combination Table

4

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.	
5MXM90M2V1B	1.5+2.5+4.2+7.1	0.52	0.87	1.45	2.46	---	5.02	5.30	11.59	0.85	1.18	2.65	3.87	5.41	12.13	95
	1.5+2.5+5.0+5.0	0.57	0.95	1.89	1.89	---	4.18	5.30	11.18	0.73	1.22	2.79	3.36	5.59	12.76	95
	1.5+2.5+5.0+6.0	0.53	0.88	1.77	2.12	---	4.41	5.30	11.32	0.76	1.19	2.74	3.48	5.45	12.55	95
	1.5+3.5+3.5+3.5	0.66	1.55	1.55	1.55	---	4.07	5.30	11.17	0.71	1.29	2.79	3.27	5.91	12.76	95
	1.5+3.5+3.5+4.2	0.63	1.46	1.46	1.75	---	4.26	5.30	11.18	0.76	1.28	2.79	3.48	5.86	12.76	95
	1.5+3.5+3.5+5.0	0.59	1.37	1.37	1.96	---	4.50	5.30	11.32	0.79	1.23	2.74	3.61	5.63	12.55	95
	1.5+3.5+3.5+6.0	0.55	1.28	1.28	2.19	---	4.78	5.30	11.55	0.80	1.21	2.66	3.66	5.54	12.17	95
	1.5+3.5+3.5+7.1	0.51	1.19	1.19	2.41	---	5.10	5.30	11.59	0.85	1.19	2.65	3.87	5.45	12.13	95
	1.5+3.5+4.2+4.2	0.59	1.38	1.66	1.66	---	4.47	5.30	11.19	0.78	1.27	2.78	3.57	5.82	12.72	95
	1.5+3.5+4.2+5.0	0.56	1.31	1.57	1.87	---	4.70	5.30	11.33	0.81	1.22	2.74	3.70	5.59	12.55	95
	1.5+3.5+4.2+6.0	0.52	1.22	1.46	2.09	---	4.99	5.30	11.56	0.82	1.20	2.66	3.74	5.50	12.17	95
	1.5+3.5+5.0+5.0	0.53	1.24	1.77	1.77	---	4.93	5.30	11.45	0.85	1.22	2.70	3.87	5.59	12.34	95
	1.5+4.2+4.2+4.2	0.56	1.58	1.58	1.58	---	4.67	5.30	11.20	0.84	1.26	2.78	3.83	5.77	12.72	95
	1.5+4.2+4.2+5.0	0.53	1.49	1.49	1.78	---	4.90	5.30	11.34	0.86	1.22	2.73	3.96	5.59	12.51	95
	2.0+2.0+2.0+2.0	1.33	1.33	1.33	1.33	---	2.92	5.30	10.59	0.54	1.35	2.54	2.45	6.18	11.62	95
	2.0+2.0+2.0+2.5	1.25	1.25	1.25	1.56	---	3.06	5.30	10.59	0.55	1.33	2.54	2.54	6.09	11.62	95
	2.0+2.0+2.0+3.5	1.12	1.12	1.12	1.95	---	3.35	5.30	11.16	0.59	1.31	2.80	2.71	6.00	12.80	95
	2.0+2.0+2.0+4.2	1.04	1.04	1.04	2.18	---	3.55	5.30	11.17	0.62	1.30	2.79	2.84	5.95	12.76	95
	2.0+2.0+2.0+5.0	0.96	0.96	0.96	2.41	---	3.77	5.30	11.29	0.64	1.25	2.75	2.93	5.73	12.59	95
	2.0+2.0+2.0+6.0	0.88	0.88	0.88	2.65	---	4.07	5.30	11.53	0.65	1.23	2.67	2.97	5.63	12.21	95
	2.0+2.0+2.0+7.1	0.81	0.81	0.81	2.87	---	4.39	5.30	11.56	0.70	1.21	2.65	3.18	5.54	12.13	95
	2.0+2.0+2.5+2.5	1.18	1.18	1.47	1.47	---	3.20	5.30	11.15	0.57	1.32	2.80	2.62	6.05	12.80	95
	2.0+2.0+2.5+3.5	1.06	1.06	1.33	1.86	---	3.49	5.30	11.16	0.62	1.30	2.80	2.84	5.95	12.80	95
	2.0+2.0+2.5+4.2	0.99	0.99	1.24	2.08	---	3.69	5.30	11.17	0.64	1.29	2.79	2.93	5.91	12.76	95
	2.0+2.0+2.5+5.0	0.92	0.92	1.15	2.30	---	3.92	5.30	11.29	0.67	1.24	2.75	3.05	5.68	12.59	95
	2.0+2.0+2.5+6.0	0.85	0.85	1.06	2.54	---	4.21	5.30	11.53	0.68	1.22	2.67	3.10	5.59	12.21	95
	2.0+2.0+2.5+7.1	0.78	0.78	0.97	2.77	---	4.53	5.30	11.56	0.74	1.20	2.65	3.40	5.50	12.13	95
	2.0+2.0+3.5+3.5	0.96	0.96	1.69	1.69	---	3.77	5.30	11.17	0.67	1.29	2.79	3.05	5.91	12.76	95
	2.0+2.0+3.5+4.2	0.91	0.91	1.59	1.90	---	3.98	5.30	11.17	0.71	1.28	2.79	3.27	5.86	12.76	95
	2.0+2.0+3.5+5.0	0.85	0.85	1.48	2.12	---	4.21	5.30	11.30	0.71	1.23	2.74	3.27	5.63	12.55	95
	2.0+2.0+3.5+6.0	0.79	0.79	1.37	2.36	---	4.50	5.30	11.54	0.72	1.21	2.66	3.31	5.54	12.17	95
	2.0+2.0+3.5+7.1	0.73	0.73	1.27	2.58	---	4.81	5.30	11.58	0.79	1.19	2.65	3.61	5.45	12.13	95
	2.0+2.0+4.2+4.2	0.85	0.85	1.80	1.80	---	4.18	5.30	11.18	0.73	1.27	2.79	3.36	5.82	12.76	95
	2.0+2.0+4.2+5.0	0.80	0.80	1.69	2.01	---	4.41	5.30	11.32	0.76	1.22	2.74	3.48	5.59	12.55	95
	2.0+2.0+4.2+6.0	0.75	0.75	1.57	2.24	---	4.70	5.30	11.55	0.77	1.20	2.66	3.53	5.50	12.17	95
	2.0+2.0+4.2+7.1	0.69	0.69	1.45	2.46	---	5.02	5.30	11.59	0.85	1.18	2.65	3.87	5.41	12.13	95
	2.0+2.0+5.0+5.0	0.76	0.76	1.89	1.89	---	4.64	5.30	11.45	0.79	1.22	2.70	3.61	5.59	12.34	95
	2.0+2.0+5.0+6.0	0.71	0.71	1.77	2.12	---	4.93	5.30	11.68	0.80	1.19	2.67	3.66	5.45	12.21	95
	2.0+2.5+2.5+2.5	1.12	1.39	1.39	1.39	---	3.35	5.30	11.15	0.60	1.31	2.80	2.75	6.00	12.80	95
	2.0+2.5+2.5+3.5	1.01	1.26	1.26	1.77	---	3.63	5.30	11.16	0.64	1.29	2.80	2.93	5.91	12.80	95
	2.0+2.5+2.5+4.2	0.95	1.18	1.18	1.99	---	3.84	5.30	11.17	0.69	1.28	2.79	3.14	5.86	12.76	95
	2.0+2.5+2.5+5.0	0.88	1.10	1.10	2.21	---	4.07	5.30	11.29	0.69	1.23	2.75	3.14	5.63	12.59	95
	2.0+2.5+2.5+6.0	0.82	1.02	1.02	2.45	---	4.36	5.30	11.53	0.70	1.21	2.67	3.18	5.54	12.21	95
	2.0+2.5+2.5+7.1	0.75	0.94	0.94	2.67	---	4.67	5.30	11.56	0.77	1.19	2.65	3.53	5.45	12.13	95

Notes

- The total capacity of each connected indoor unit is up to 15.3kW.
- 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 CTX-M, FTXM-M series
- These indoor units can only be used in a multi-unit setup.
- 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 system.

3D103934

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.	
5MXM90M2V1B	2.0+2.5+3.5+3.5	0.92	1.15	1.61	1.61	---	3.92	5.30	11.17	0.69	1.28	2.79	3.14	5.86	12.76	95
	2.0+2.5+3.5+4.2	0.87	1.09	1.52	1.82	---	4.12	5.30	11.17	0.73	1.27	2.79	3.36	5.82	12.76	95
	2.0+2.5+3.5+5.0	0.82	1.02	1.43	2.04	---	4.36	5.30	11.30	0.73	1.22	2.74	3.36	5.59	12.55	95
	2.0+2.5+3.5+6.0	0.76	0.95	1.33	2.27	---	4.64	5.30	11.54	0.77	1.20	2.66	3.53	5.50	12.17	95
	2.0+2.5+3.5+7.1	0.70	0.88	1.23	2.49	---	4.96	5.30	11.58	0.82	1.18	2.65	3.74	5.41	12.13	95
	2.0+2.5+4.2+4.2	0.82	1.03	1.73	1.73	---	4.32	5.30	11.18	0.76	1.26	2.79	3.48	5.77	12.76	95
	2.0+2.5+4.2+5.0	0.77	0.97	1.62	1.93	---	4.55	5.30	11.32	0.79	1.22	2.74	3.61	5.59	12.55	95
	2.0+2.5+4.2+6.0	0.72	0.90	1.51	2.16	---	4.85	5.30	11.55	0.80	1.19	2.66	3.66	5.45	12.17	95
	2.0+2.5+5.0+5.0	0.73	0.91	1.83	1.83	---	4.78	5.30	11.45	0.82	1.21	2.70	3.74	5.54	12.34	95
	2.0+2.5+5.0+6.0	0.68	0.85	1.71	2.05	---	5.07	5.30	11.68	0.83	1.18	2.67	3.79	5.41	12.21	95
	2.0+3.5+3.5+3.5	0.85	1.48	1.48	1.48	---	4.21	5.30	11.17	0.73	1.28	2.79	3.36	5.86	12.76	95
	2.0+3.5+3.5+4.2	0.80	1.41	1.41	1.69	---	4.41	5.30	11.18	0.79	1.27	2.79	3.61	5.82	12.76	95
	2.0+3.5+3.5+5.0	0.76	1.33	1.33	1.89	---	4.64	5.30	11.32	0.82	1.22	2.74	3.74	5.59	12.55	95
	2.0+3.5+3.5+6.0	0.71	1.24	1.24	2.12	---	4.93	5.30	11.55	0.82	1.20	2.66	3.74	5.50	12.17	95
	2.0+3.5+4.2+4.2	0.76	1.33	1.60	1.60	---	4.61	5.30	11.19	0.84	1.26	2.78	3.83	5.77	12.72	95
	2.0+3.5+4.2+5.0	0.72	1.26	1.51	1.80	---	4.85	5.30	11.33	0.84	1.22	2.74	3.83	5.59	12.55	95
	2.0+3.5+5.0+5.0	0.68	1.20	1.71	1.71	---	5.07	5.30	11.45	0.86	1.22	2.70	3.96	5.59	12.34	95
	2.0+4.2+4.2+4.2	0.73	1.52	1.52	1.52	---	4.81	5.30	11.20	0.86	1.25	2.78	3.96	5.73	12.72	95
	2.0+4.2+4.2+5.0	0.69	1.45	1.45	1.72	---	5.04	5.30	11.34	0.89	1.21	2.73	4.09	5.54	12.51	95
	2.5+2.5+2.5+2.5	1.33	1.33	1.33	1.33	---	3.49	5.30	11.15	0.62	1.30	2.80	2.84	5.95	12.80	95
	2.5+2.5+2.5+3.5	1.20	1.20	1.20	1.69	---	3.77	5.30	11.16	0.67	1.28	2.80	3.05	5.86	12.80	95
	2.5+2.5+2.5+4.2	1.13	1.13	1.13	1.90	---	3.98	5.30	11.17	0.71	1.27	2.79	3.27	5.82	12.76	95
	2.5+2.5+2.5+5.0	1.06	1.06	1.06	2.12	---	4.21	5.30	11.29	0.71	1.22	2.75	3.27	5.59	12.59	95
	2.5+2.5+2.5+6.0	0.98	0.98	0.98	2.36	---	4.50	5.30	11.53	0.72	1.20	2.67	3.31	5.50	12.21	95
	2.5+2.5+2.5+7.1	0.91	0.91	0.91	2.58	---	4.81	5.30	11.56	0.79	1.18	2.65	3.61	5.41	12.13	95
	2.5+2.5+3.5+3.5	1.10	1.10	1.55	1.55	---	4.07	5.30	11.17	0.71	1.27	2.79	3.27	5.82	12.76	95
	2.5+2.5+3.5+4.2	1.04	1.04	1.46	1.75	---	4.26	5.30	11.17	0.76	1.26	2.79	3.48	5.77	12.76	95
	2.5+2.5+3.5+5.0	0.98	0.98	1.37	1.96	---	4.50	5.30	11.30	0.79	1.22	2.74	3.61	5.59	12.55	95
	2.5+2.5+3.5+6.0	0.91	0.91	1.28	2.19	---	4.78	5.30	11.54	0.80	1.19	2.66	3.66	5.45	12.17	95
	2.5+2.5+3.5+7.1	0.85	0.85	1.19	2.41	---	5.10	5.30	11.58	0.85	1.17	2.65	3.87	5.36	12.13	95
	2.5+2.5+4.2+4.2	0.99	0.99	1.66	1.66	---	4.47	5.30	11.18	0.79	1.25	2.79	3.61	5.73	12.76	95
	2.5+2.5+4.2+5.0	0.93	0.93	1.57	1.87	---	4.70	5.30	11.32	0.82	1.21	2.74	3.74	5.54	12.55	95
	2.5+2.5+4.2+6.0	0.87	0.87	1.46	2.09	---	4.99	5.30	11.55	0.82	1.18	2.66	3.74	5.41	12.17	95
	2.5+2.5+5.0+5.0	0.88	0.88	1.77	1.77	---	4.93	5.30	11.45	0.85	1.20	2.70	3.87	5.50	12.34	95
	2.5+3.5+3.5+3.5	1.02	1.43	1.43	1.43	---	4.36	5.30	11.17	0.79	1.27	2.79	3.61	5.82	12.76	95
	2.5+3.5+3.5+4.2	0.97	1.35	1.35	1.62	---	4.55	5.30	11.18	0.81	1.26	2.79	3.70	5.77	12.76	95
	2.5+3.5+3.5+5.0	0.91	1.28	1.28	1.83	---	4.78	5.30	11.32	0.84	1.22	2.74	3.83	5.59	12.55	95
	2.5+3.5+3.5+6.0	0.85	1.20	1.20	2.05	---	5.07	5.30	11.55	0.85	1.19	2.66	3.87	5.45	12.17	95
	2.5+3.5+4.2+4.2	0.92	1.29	1.55	1.55	---	4.75	5.30	11.19	0.86	1.25	2.78	3.96	5.73	12.72	95
	2.5+3.5+4.2+5.0	0.87	1.22	1.46	1.74	---	4.99	5.30	11.33	0.86	1.21	2.74	3.96	5.54	12.55	95
	2.5+4.2+4.2+4.2	0.92	1.29	1.55	1.55	---	4.96	5.30	11.20	0.89	1.24	2.78	4.09	5.68	12.72	95
	3.5+3.5+3.5+3.5	1.33	1.33	1.33	1.33	---	4.64	5.30	11.18	0.84	1.24	2.79	3.83	5.68	12.76	95
	3.5+3.5+3.5+4.2	1.26	1.26	1.26	1.51	---	4.85	5.30	11.19	0.86	1.23	2.78	3.96	5.63	12.72	95
	3.5+3.5+3.5+5.0	1.20	1.20	1.20	1.71	---	5.07	5.30	11.33	0.89	1.18	2.74	4.09	5.41	12.55	95

Notes

- The total capacity of each connected indoor unit is up to 15.5kW.
- 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
- These indoor units can only be used in a multi-unit setup.
- 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 system.

3D103935

4 Combination table

4 - 1 Combination Table

4

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.	
5MXM90M2V1B	3.5+3.5+4.2+4.2	1.20	1.20	1.45	1.45	---	5.04	5.30	11.20	0.92	1.22	2.78	4.22	5.59	12.72	95
	1.5+1.5+1.5+1.5+1.5	1.06	1.06	1.06	1.06	1.06	2.77	5.30	10.90	0.42	1.14	2.47	1.94	5.22	11.28	95
	1.5+1.5+1.5+1.5+2.0	0.99	0.99	0.99	0.99	1.33	2.92	5.30	10.90	0.44	1.13	2.47	2.02	5.18	11.28	95
	1.5+1.5+1.5+1.5+2.5	0.94	0.94	0.94	0.94	1.56	3.06	5.30	10.90	0.48	1.12	2.47	2.19	5.13	11.28	95
	1.5+1.5+1.5+1.5+3.5	0.84	0.84	0.84	0.84	1.95	3.35	5.30	11.55	0.52	1.11	2.66	2.37	5.09	12.17	95
	1.5+1.5+1.5+1.5+4.2	0.78	0.78	0.78	0.78	2.18	3.55	5.30	11.55	0.55	1.10	2.66	2.54	5.04	12.17	95
	1.5+1.5+1.5+1.5+5.0	0.72	0.72	0.72	0.72	2.41	3.77	5.30	11.69	0.56	1.06	2.67	2.58	4.86	12.21	95
	1.5+1.5+1.5+1.5+6.0	0.66	0.66	0.66	0.66	2.65	4.07	5.30	11.93	0.56	1.06	2.59	2.58	4.86	11.83	95
	1.5+1.5+1.5+1.5+7.1	0.61	0.61	0.61	0.61	2.87	4.39	5.30	11.96	0.62	1.04	2.57	2.84	4.76	11.75	95
	1.5+1.5+1.5+2.0+2.0	0.94	0.94	0.94	1.25	1.25	3.06	5.30	10.90	0.48	1.12	2.47	2.19	5.13	11.28	95
	1.5+1.5+1.5+2.0+2.5	0.88	0.88	0.88	1.18	1.47	3.20	5.30	11.54	0.50	1.11	2.66	2.28	5.09	12.17	95
	1.5+1.5+1.5+2.0+3.5	0.80	0.80	0.80	1.06	1.86	3.49	5.30	11.55	0.54	1.10	2.66	2.45	5.04	12.17	95
	1.5+1.5+1.5+2.0+4.2	0.74	0.74	0.99	2.08	3.69	3.69	5.30	11.55	0.58	1.09	2.66	2.67	4.99	12.17	95
	1.5+1.5+1.5+2.0+5.0	0.69	0.69	0.69	0.92	2.30	3.92	5.30	11.69	0.58	1.06	2.67	2.67	4.86	12.21	95
	1.5+1.5+1.5+2.0+6.0	0.64	0.64	0.64	0.85	2.54	4.21	5.30	11.93	0.61	1.04	2.59	2.80	4.76	11.83	95
	1.5+1.5+1.5+2.0+7.1	0.58	0.58	0.58	0.78	2.77	4.53	5.30	11.96	0.65	1.03	2.57	2.97	4.72	11.75	95
	1.5+1.5+1.5+2.5+2.5	0.84	0.84	0.84	1.39	1.39	3.35	5.30	11.54	0.52	1.11	2.66	2.37	5.09	12.17	95
	1.5+1.5+1.5+2.5+3.5	0.76	0.76	0.76	1.26	1.77	3.63	5.30	11.55	0.56	1.09	2.66	2.58	4.99	12.17	95
	1.5+1.5+1.5+2.5+4.2	0.71	0.71	0.71	1.18	1.99	3.84	5.30	11.55	0.60	1.08	2.66	2.75	4.95	12.17	95
	1.5+1.5+1.5+2.5+5.0	0.66	0.66	0.66	1.10	2.21	4.07	5.30	11.69	0.62	1.05	2.67	2.84	4.81	12.21	95
	1.5+1.5+1.5+2.5+6.0	0.61	0.61	0.61	1.02	2.45	4.36	5.30	11.93	0.63	1.03	2.59	2.88	4.72	11.83	95
	1.5+1.5+1.5+2.5+7.1	0.56	0.56	0.56	0.94	2.67	4.67	5.30	11.96	0.67	1.02	2.57	3.05	4.67	11.75	95
	1.5+1.5+1.5+3.5+3.5	0.69	0.69	0.69	1.61	1.61	3.92	5.30	11.55	0.62	1.08	2.66	2.84	4.95	12.17	95
	1.5+1.5+1.5+3.5+4.2	0.65	0.65	0.65	1.52	1.82	4.12	5.30	11.56	0.65	1.08	2.66	2.97	4.95	12.17	95
	1.5+1.5+1.5+3.5+5.0	0.61	0.61	0.61	1.43	2.04	4.36	5.30	11.70	0.67	1.04	2.66	3.05	4.76	12.17	95
	1.5+1.5+1.5+3.5+6.0	0.57	0.57	0.57	1.33	2.27	4.64	5.30	11.94	0.68	1.03	2.58	3.10	4.72	11.79	95
	1.5+1.5+1.5+3.5+7.1	0.53	0.53	0.53	1.23	2.49	4.96	5.30	11.97	0.74	1.01	2.57	3.40	4.63	11.75	95
	1.5+1.5+1.5+4.2+4.2	0.62	0.62	0.62	1.73	1.73	4.32	5.30	11.58	0.69	1.07	2.65	3.14	4.90	12.13	95
	1.5+1.5+1.5+4.2+5.0	0.58	0.58	0.58	1.62	1.93	4.55	5.30	11.71	0.71	1.05	2.66	3.27	4.81	12.17	95
	1.5+1.5+1.5+4.2+6.0	0.54	0.54	0.54	1.51	2.16	4.85	5.30	11.95	0.72	1.01	2.58	3.31	4.63	11.79	95
	1.5+1.5+1.5+5.0+5.0	0.55	0.55	0.55	1.83	1.83	4.78	5.30	11.84	0.71	1.01	2.61	3.27	4.63	11.96	95
	1.5+1.5+1.5+5.0+6.0	0.51	0.51	0.51	1.71	2.05	5.07	5.30	12.07	0.74	0.99	2.53	3.40	4.54	11.58	95
	1.5+1.5+2.0+2.0+2.0	0.88	0.88	1.18	1.18	1.18	3.20	5.30	11.54	0.50	1.11	2.66	2.28	5.09	12.17	95
	1.5+1.5+2.0+2.0+2.5	0.84	0.84	1.12	1.12	1.39	3.35	5.30	11.54	0.52	1.11	2.66	2.37	5.09	12.17	95
	1.5+1.5+2.0+2.0+3.5	0.76	0.76	1.01	1.01	1.77	3.63	5.30	11.55	0.56	1.11	2.66	2.58	5.09	12.17	95
	1.5+1.5+2.0+2.0+4.2	0.71	0.71	0.95	0.95	1.99	3.84	5.30	11.55	0.60	1.11	2.66	2.75	5.09	12.17	95
	1.5+1.5+2.0+2.0+5.0	0.66	0.66	0.88	0.88	2.21	4.07	5.30	11.69	0.62	1.10	2.67	2.84	5.04	12.21	95
	1.5+1.5+2.0+2.0+6.0	0.61	0.61	0.82	0.82	2.45	4.36	5.30	11.93	0.63	1.10	2.59	2.88	5.04	11.83	95
	1.5+1.5+2.0+2.0+7.1	0.56	0.56	0.75	0.75	2.67	4.67	5.30	11.96	0.67	1.09	2.57	3.05	4.99	11.75	95
	1.5+1.5+2.0+2.5+2.5	0.80	0.80	1.06	1.33	1.33	3.49	5.30	11.54	0.55	1.11	2.66	2.50	5.09	12.17	95
	1.5+1.5+2.0+2.5+3.5	0.72	0.72	0.96	1.20	1.69	3.77	5.30	11.55	0.58	1.11	2.66	2.67	5.09	12.17	95
	1.5+1.5+2.0+2.5+4.2	0.68	0.68	0.91	1.13	1.90	3.98	5.30	11.55	0.62	1.10	2.66	2.84	5.04	12.17	95
	1.5+1.5+2.0+2.5+5.0	0.64	0.64	0.85	1.06	2.12	4.21	5.30	11.69	0.65	1.10	2.67	2.97	5.04	12.21	95
	1.5+1.5+2.0+2.5+6.0	0.59	0.59	0.79	0.98	2.36	4.50	5.30	11.93	0.65	1.08	2.59	2.97	4.95	11.83	95

Notes

- The total capacity of each connected indoor unit is up to 15.5kW.
- 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 CTX-M, FTXM-M series
- These indoor units can only be used in a multi-unit setup.
- 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 system.

3D103936

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.	
5MXM90M2V1B	1.5+1.5+2.0+2.5+7.1	0.54	0.54	0.73	0.91	2.58	4.81	5.30	11.96	0.71	1.07	2.57	3.27	4.90	11.75	95
	1.5+1.5+2.0+3.5+3.5	0.66	0.66	0.88	1.55	1.55	4.07	5.30	11.55	0.65	1.10	2.66	2.97	5.04	12.17	95
	1.5+1.5+2.0+3.5+4.2	0.63	0.63	0.83	1.46	1.75	4.26	5.30	11.56	0.67	1.10	2.66	3.05	5.04	12.17	95
	1.5+1.5+2.0+3.5+5.0	0.59	0.59	0.79	1.37	1.96	4.50	5.30	11.70	0.70	1.09	2.66	3.18	4.99	12.17	95
	1.5+1.5+2.0+3.5+6.0	0.55	0.55	0.73	1.28	2.19	4.78	5.30	11.94	0.70	1.07	2.58	3.18	4.90	11.79	95
	1.5+1.5+2.0+3.5+7.1	0.51	0.51	0.68	1.19	2.41	5.10	5.30	11.97	0.76	1.06	2.57	3.48	4.86	11.75	95
	1.5+1.5+2.0+4.2+4.2	0.59	0.59	0.79	1.66	1.66	4.47	5.30	11.58	0.71	1.10	2.65	3.27	5.04	12.13	95
	1.5+1.5+2.0+4.2+5.0	0.56	0.56	0.75	1.57	1.87	4.70	5.30	11.71	0.74	1.09	2.66	3.40	4.99	12.17	95
	1.5+1.5+2.0+4.2+6.0	0.52	0.52	0.70	1.46	2.09	4.99	5.30	11.95	0.74	1.09	2.58	3.40	4.99	11.79	95
	1.5+1.5+2.0+5.0+5.0	0.53	0.53	0.71	1.77	1.77	4.93	5.30	11.84	0.77	1.06	2.61	3.53	4.86	11.96	95
	1.5+1.5+2.5+2.5+2.5	0.76	0.76	1.26	1.26	1.26	3.63	5.30	11.54	0.56	1.11	2.66	2.58	5.09	12.17	95
	1.5+1.5+2.5+2.5+3.5	0.69	0.69	1.15	1.15	1.61	3.92	5.30	11.55	0.63	1.10	2.66	2.88	5.04	12.17	95
	1.5+1.5+2.5+2.5+4.2	0.65	0.65	1.09	1.09	1.82	4.12	5.30	11.55	0.65	1.10	2.66	2.97	5.04	12.17	95
	1.5+1.5+2.5+2.5+5.0	0.61	0.61	1.02	1.02	2.04	4.36	5.30	11.69	0.67	1.09	2.67	3.05	4.99	12.21	95
	1.5+1.5+2.5+2.5+6.0	0.57	0.57	0.95	0.95	2.27	4.64	5.30	11.93	0.68	1.09	2.59	3.10	4.99	11.83	95
	1.5+1.5+2.5+2.5+7.1	0.53	0.53	0.88	0.88	2.49	4.96	5.30	11.96	0.74	1.09	2.57	3.40	4.99	11.75	95
	1.5+1.5+2.5+3.5+3.5	0.64	0.64	1.06	1.48	1.48	4.21	5.30	11.55	0.67	1.10	2.66	3.05	5.04	12.17	95
	1.5+1.5+2.5+3.5+4.2	0.60	0.60	1.00	1.41	1.69	4.41	5.30	11.56	0.71	1.10	2.66	3.27	5.04	12.17	95
	1.5+1.5+2.5+3.5+5.0	0.57	0.57	0.95	1.33	1.89	4.64	5.30	11.70	0.71	1.09	2.66	3.27	4.99	12.17	95
	1.5+1.5+2.5+3.5+6.0	0.53	0.53	0.88	1.24	2.12	4.93	5.30	11.94	0.74	1.09	2.58	3.40	4.99	11.79	95
	1.5+1.5+2.5+4.2+4.2	0.57	0.57	0.95	1.60	1.60	4.61	5.30	11.58	0.74	1.09	2.65	3.40	4.99	12.13	95
	1.5+1.5+2.5+4.2+5.0	0.54	0.54	0.90	1.51	1.80	4.85	5.30	11.71	0.77	1.09	2.66	3.53	4.99	12.17	95
	1.5+1.5+2.5+5.0+5.0	0.51	0.51	0.85	1.71	1.71	5.07	5.30	11.84	0.79	1.06	2.61	3.61	4.86	11.96	95
	1.5+1.5+3.5+3.5+3.5	0.59	0.59	1.37	1.37	1.37	4.50	5.30	11.56	0.71	1.09	2.66	3.27	4.99	12.17	95
	1.5+1.5+3.5+3.5+4.2	0.56	0.56	1.31	1.31	1.57	4.70	5.30	11.58	0.76	1.08	2.65	3.48	4.95	12.13	95
	1.5+1.5+3.5+3.5+5.0	0.53	0.53	1.24	1.24	1.77	4.93	5.30	11.71	0.79	1.08	2.66	3.61	4.95	12.17	95
	1.5+1.5+3.5+4.2+4.2	0.53	0.53	1.24	1.49	1.49	4.90	5.30	11.59	0.82	1.08	2.65	3.74	4.95	12.13	95
	1.5+2.0+2.0+2.0+2.0	0.84	1.12	1.12	1.12	1.12	3.35	5.30	11.54	0.52	1.10	2.66	2.37	5.04	12.17	95
	1.5+2.0+2.0+2.0+2.5	0.80	1.06	1.06	1.06	1.33	3.49	5.30	11.54	0.55	1.10	2.66	2.50	5.04	12.17	95
	1.5+2.0+2.0+2.0+3.5	0.72	0.96	0.96	0.96	1.69	3.77	5.30	11.55	0.58	1.09	2.66	2.67	4.99	12.17	95
	1.5+2.0+2.0+2.0+4.2	0.68	0.91	0.91	0.91	1.90	3.98	5.30	11.55	0.62	1.09	2.66	2.84	4.99	12.17	95
	1.5+2.0+2.0+2.0+5.0	0.64	0.85	0.85	0.85	2.12	4.21	5.30	11.69	0.65	1.09	2.67	2.97	4.99	12.21	95
	1.5+2.0+2.0+2.0+6.0	0.59	0.79	0.79	0.79	2.36	4.50	5.30	11.93	0.65	1.08	2.59	2.97	4.95	11.83	95
	1.5+2.0+2.0+2.0+7.1	0.54	0.73	0.73	0.73	2.58	4.81	5.30	11.96	0.71	1.06	2.57	3.27	4.86	11.75	95
	1.5+2.0+2.0+2.5+2.5	0.76	1.01	1.01	1.26	1.26	3.63	5.30	11.54	0.56	1.10	2.66	2.58	5.04	12.17	95
	1.5+2.0+2.0+2.5+3.5	0.69	0.92	0.92	1.15	1.61	3.92	5.30	11.55	0.63	1.09	2.66	2.88	4.99	12.17	95
	1.5+2.0+2.0+2.5+4.2	0.65	0.87	0.87	1.09	1.82	4.12	5.30	11.55	0.65	1.09	2.66	2.97	4.99	12.17	95
	1.5+2.0+2.0+2.5+5.0	0.61	0.82	0.82	1.02	2.04	4.36	5.30	11.69	0.67	1.08	2.67	3.05	4.95	12.21	95
	1.5+2.0+2.0+2.5+6.0	0.57	0.76	0.76	0.95	2.27	4.64	5.30	11.93	0.68	1.08	2.59	3.10	4.95	11.83	95
	1.5+2.0+2.0+2.5+7.1	0.53	0.70	0.70	0.88	2.49	4.96	5.30	11.96	0.74	1.06	2.57	3.40	4.86	11.75	95
	1.5+2.0+2.0+3.5+3.5	0.64	0.85	0.85	1.48	1.48	4.21	5.30	11.55	0.67	1.09	2.66	3.05	4.99	12.17	95
	1.5+2.0+2.0+3.5+4.2	0.60	0.80	0.80	1.41	1.69	4.41	5.30	11.56	0.71	1.09	2.66	3.27	4.99	12.17	95
	1.5+2.0+2.0+3.5+5.0	0.57	0.76	0.76	1.33	1.89	4.64	5.30	11.70	0.71	1.08	2.66	3.27	4.95	12.17	95
	1.5+2.0+2.0+3.5+6.0	0.53	0.71	0.71	1.24	2.12	4.93	5.30	11.94	0.74	1.06	2.58	3.40	4.86	11.79	95

Notes

- The total capacity of each connected indoor unit is up to 15.5kW.
- 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 CTX-M, FTXM-M series
- These indoor units can only be used in a multi-unit setup.
- 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 system.

3D103937

4 Combination table

4 - 1 Combination Table

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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.	
5MXM90M2V1B	1.5+2.0+2.0+4.2+4.2	0.57	0.76	0.76	1.60	1.60	4.61	5.30	11.58	0.74	1.09	2.65	3.40	4.99	12.13	95
	1.5+2.0+2.0+4.2+5.0	0.54	0.72	0.72	1.51	1.80	4.85	5.30	11.71	0.77	1.08	2.66	3.53	4.95	12.17	95
	1.5+2.0+2.0+5.0+5.0	0.51	0.68	0.68	1.71	1.71	5.07	5.30	11.84	0.79	1.06	2.61	3.61	4.86	11.96	95
	1.5+2.0+2.5+2.5+2.5	0.72	0.96	1.20	1.20	1.20	3.77	5.30	11.54	0.58	1.10	2.66	2.67	5.04	12.17	95
	1.5+2.0+2.5+2.5+3.5	0.66	0.88	1.10	1.10	1.55	4.07	5.30	11.55	0.65	1.09	2.66	2.97	4.99	12.17	95
	1.5+2.0+2.5+2.5+4.2	0.63	0.83	1.04	1.04	1.75	4.26	5.30	11.55	0.67	1.09	2.66	3.05	4.99	12.17	95
	1.5+2.0+2.5+2.5+5.0	0.59	0.79	0.98	0.98	1.96	4.50	5.30	11.69	0.70	1.08	2.67	3.18	4.95	12.21	95
	1.5+2.0+2.5+2.5+6.0	0.55	0.73	0.91	0.91	2.19	4.78	5.30	11.93	0.70	1.08	2.59	3.18	4.95	11.83	95
	1.5+2.0+2.5+2.5+7.1	0.51	0.68	0.85	0.85	2.41	5.10	5.30	11.96	0.77	1.06	2.57	3.53	4.86	11.75	95
	1.5+2.0+2.5+3.5+3.5	0.61	0.82	1.02	1.43	1.43	4.36	5.30	11.55	0.70	1.09	2.66	3.18	4.99	12.17	95
	1.5+2.0+2.5+3.5+4.2	0.58	0.77	0.97	1.35	1.62	4.55	5.30	11.56	0.74	1.09	2.66	3.40	4.99	12.17	95
	1.5+2.0+2.5+3.5+5.0	0.55	0.73	0.91	1.28	1.83	4.78	5.30	11.70	0.77	1.08	2.66	3.53	4.95	12.17	95
	1.5+2.0+2.5+3.5+6.0	0.51	0.68	0.85	1.20	2.05	5.07	5.30	11.94	0.77	1.06	2.58	3.53	4.86	11.79	95
	1.5+2.0+2.5+4.2+4.2	0.55	0.74	0.92	1.55	1.55	4.75	5.30	11.58	0.76	1.09	2.65	3.48	4.99	12.13	95
	1.5+2.0+2.5+4.2+5.0	0.52	0.70	0.87	1.46	1.74	4.99	5.30	11.71	0.79	1.06	2.66	3.61	4.86	12.17	95
	1.5+2.0+3.5+3.5+3.5	0.57	0.76	1.33	1.33	1.33	4.64	5.30	11.56	0.77	1.09	2.66	3.53	4.99	12.17	95
	1.5+2.0+3.5+3.5+4.2	0.54	0.72	1.26	1.26	1.51	4.85	5.30	11.58	0.79	1.09	2.65	3.61	4.99	12.13	95
	1.5+2.0+3.5+3.5+5.0	0.51	0.68	1.20	1.20	1.71	5.07	5.30	11.71	0.82	1.06	2.66	3.74	4.86	12.17	95
	1.5+2.0+3.5+4.2+4.2	0.52	0.69	1.20	1.45	1.45	5.04	5.30	11.59	0.85	1.08	2.65	3.87	4.95	12.13	95
	1.5+2.5+2.5+2.5+2.5	0.69	1.15	1.15	1.15	1.15	3.92	5.30	11.54	0.63	1.09	2.66	2.88	4.99	12.17	95
	1.5+2.5+2.5+2.5+3.5	0.64	1.06	1.06	1.06	1.48	4.21	5.30	11.55	0.67	1.08	2.66	3.05	4.95	12.17	95
	1.5+2.5+2.5+2.5+4.2	0.60	1.00	1.00	1.00	1.69	4.41	5.30	11.55	0.71	1.08	2.66	3.27	4.95	12.17	95
	1.5+2.5+2.5+2.5+5.0	0.57	0.95	0.95	0.95	1.89	4.64	5.30	11.69	0.71	1.05	2.67	3.27	4.81	12.21	95
	1.5+2.5+2.5+2.5+6.0	0.53	0.88	0.88	0.88	2.12	4.93	5.30	11.93	0.75	1.05	2.59	3.44	4.81	11.83	95
	1.5+2.5+2.5+3.5+3.5	0.59	0.98	0.98	1.37	1.37	4.50	5.30	11.55	0.71	1.08	2.66	3.27	4.95	12.17	95
	1.5+2.5+2.5+3.5+4.2	0.56	0.93	0.93	1.31	1.57	4.70	5.30	11.56	0.77	1.07	2.66	3.53	4.90	12.17	95
	1.5+2.5+2.5+3.5+5.0	0.53	0.88	0.88	1.24	1.77	4.93	5.30	11.70	0.79	1.05	2.66	3.61	4.81	12.17	95
	1.5+2.5+2.5+4.2+4.2	0.53	0.89	0.89	1.49	1.49	4.90	5.30	11.58	0.82	1.07	2.65	3.74	4.90	12.13	95
	1.5+2.5+3.5+3.5+3.5	0.55	0.91	1.28	1.28	1.28	4.78	5.30	11.56	0.79	1.07	2.66	3.61	4.90	12.17	95
	1.5+2.5+3.5+3.5+4.2	0.52	0.87	1.22	1.22	1.46	4.99	5.30	11.58	0.82	1.07	2.65	3.74	4.90	12.13	95
	1.5+3.5+3.5+3.5+3.5	0.51	1.20	1.20	1.20	1.20	5.07	5.30	11.58	0.85	1.06	2.65	3.87	4.86	12.13	95
	2.0+2.0+2.0+2.0+2.0	1.06	1.06	1.06	1.06	1.06	3.49	5.30	11.54	0.55	1.09	2.66	2.50	4.99	12.17	95
	2.0+2.0+2.0+2.0+2.5	1.01	1.01	1.01	1.01	1.26	3.63	5.30	11.54	0.56	1.09	2.66	2.58	4.99	12.17	95
	2.0+2.0+2.0+2.0+3.5	0.92	0.92	0.92	0.92	1.61	3.92	5.30	11.55	0.63	1.08	2.66	2.88	4.95	12.17	95
	2.0+2.0+2.0+2.0+4.2	0.87	0.87	0.87	0.87	1.82	4.12	5.30	11.55	0.65	1.08	2.66	2.97	4.95	12.17	95
	2.0+2.0+2.0+2.0+5.0	0.82	0.82	0.82	0.82	2.04	4.36	5.30	11.69	0.67	1.06	2.67	3.05	4.86	12.21	95
	2.0+2.0+2.0+2.0+6.0	0.76	0.76	0.76	0.76	2.27	4.64	5.30	11.93	0.68	1.06	2.59	3.10	4.86	11.83	95
	2.0+2.0+2.0+2.0+7.1	0.70	0.70	0.70	0.70	2.49	4.96	5.30	11.96	0.74	1.06	2.57	3.40	4.86	11.75	95
	2.0+2.0+2.0+2.5+2.5	0.96	0.96	0.96	1.20	1.20	3.77	5.30	11.54	0.58	1.08	2.66	2.67	4.95	12.17	95
	2.0+2.0+2.0+2.5+3.5	0.88	0.88	0.88	1.10	1.55	4.07	5.30	11.55	0.65	1.08	2.66	2.97	4.95	12.17	95
	2.0+2.0+2.0+2.5+4.2	0.83	0.83	0.83	1.04	1.75	4.26	5.30	11.55	0.67	1.08	2.66	3.05	4.95	12.17	95
	2.0+2.0+2.0+2.5+5.0	0.79	0.79	0.79	0.98	1.96	4.50	5.30	11.69	0.70	1.06	2.67	3.18	4.86	12.21	95
	2.0+2.0+2.0+2.5+6.0	0.73	0.73	0.73	0.91	2.19	4.78	5.30	11.93	0.70	1.06	2.59	3.18	4.86	11.83	95
	2.0+2.0+2.0+2.5+7.1	0.68	0.68	0.68	0.85	2.41	5.10	5.30	11.96	0.77	1.05	2.57	3.53	4.81	11.75	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 CTX-M, FTX-M series
- These indoor units can only be used in a multi-unit setup.
- 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 system.

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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.	
5MXM90M2V1B	2.0+2.0+2.0+3.5+3.5	0.82	0.82	0.82	1.43	1.43	3.77	5.30	11.54	0.58	1.08	2.66	2.67	4.95	12.17	95
	2.0+2.0+2.0+3.5+4.2	0.77	0.77	0.77	1.35	1.62	4.55	5.30	11.56	0.74	1.08	2.66	3.40	4.95	12.17	95
	2.0+2.0+2.0+3.5+5.0	0.73	0.73	0.73	1.28	1.83	4.78	5.30	11.70	0.77	1.06	2.66	3.53	4.86	12.17	95
	2.0+2.0+2.0+3.5+6.0	0.68	0.68	0.68	1.20	2.05	5.07	5.30	11.94	0.77	1.06	2.58	3.53	4.86	11.79	95
	2.0+2.0+2.0+4.2+4.2	0.74	0.74	0.74	1.55	1.55	4.75	5.30	11.58	0.76	1.07	2.65	3.48	4.90	12.13	95
	2.0+2.0+2.0+4.2+5.0	0.70	0.70	0.70	1.46	1.74	4.99	5.30	11.71	0.79	1.07	2.71	3.61	4.90	12.42	95
	2.0+2.0+2.5+2.5+2.5	0.92	0.92	1.15	1.15	1.15	3.92	5.30	11.54	0.63	1.08	2.66	2.88	4.95	12.17	95
	2.0+2.0+2.5+2.5+3.5	0.85	0.85	1.06	1.06	1.48	4.21	5.30	11.55	0.67	1.08	2.66	3.05	4.95	12.17	95
	2.0+2.0+2.5+2.5+4.2	0.80	0.80	1.00	1.00	1.69	4.41	5.30	11.55	0.70	1.08	2.66	3.18	4.95	12.17	95
	2.0+2.0+2.5+2.5+5.0	0.76	0.76	0.95	0.95	1.89	4.64	5.30	11.69	0.71	1.06	2.67	3.27	4.86	12.21	95
	2.0+2.0+2.5+2.5+6.0	0.71	0.71	0.88	0.88	2.12	4.93	5.30	11.93	0.75	1.06	2.59	3.44	4.86	11.83	95
	2.0+2.0+2.5+3.5+3.5	0.79	0.79	0.98	1.37	1.37	4.50	5.30	11.55	0.71	1.06	2.66	3.27	4.86	12.17	95
	2.0+2.0+2.5+3.5+4.2	0.75	0.75	0.93	1.31	1.57	4.70	5.30	11.56	0.77	1.06	2.66	3.53	4.86	12.17	95
	2.0+2.0+2.5+3.5+5.0	0.71	0.71	0.88	1.24	1.77	4.93	5.30	11.70	0.79	1.05	2.66	3.61	4.81	12.17	95
	2.0+2.0+2.5+4.2+4.2	0.71	0.71	0.89	1.49	1.49	4.90	5.30	11.58	0.82	1.06	2.70	3.74	4.86	12.38	95
	2.0+2.0+3.5+3.5+3.5	0.73	0.73	1.28	1.28	1.28	4.78	5.30	11.56	0.79	1.06	2.66	3.61	4.86	12.17	95
	2.0+2.0+3.5+3.5+4.2	0.70	0.70	1.22	1.22	1.46	4.99	5.30	11.58	0.82	1.06	2.70	3.74	4.86	12.38	95
	2.0+2.5+2.5+2.5+2.5	0.88	1.10	1.10	1.10	1.10	4.07	5.30	11.54	0.65	1.08	2.66	2.97	4.95	12.17	95
	2.0+2.5+2.5+2.5+3.5	0.82	1.02	1.02	1.02	1.43	4.36	5.30	11.55	0.70	1.08	2.66	3.18	4.95	12.17	95
	2.0+2.5+2.5+2.5+4.2	0.77	0.97	0.97	0.97	1.62	4.55	5.30	11.55	0.74	1.07	2.66	3.40	4.90	12.17	95
	2.0+2.5+2.5+2.5+5.0	0.73	0.91	0.91	0.91	1.83	4.78	5.30	11.69	0.77	1.06	2.67	3.53	4.86	12.21	95
	2.0+2.5+2.5+2.5+6.0	0.68	0.85	0.85	0.85	2.05	5.07	5.30	11.93	0.77	1.05	2.59	3.53	4.81	11.83	95
	2.0+2.5+2.5+3.5+3.5	0.76	0.95	0.95	1.33	1.33	4.64	5.30	11.55	0.77	1.06	2.66	3.53	4.86	12.17	95
	2.0+2.5+2.5+3.5+4.2	0.72	0.90	0.90	1.26	1.51	4.85	5.30	11.56	0.79	1.06	2.66	3.61	4.86	12.17	95
	2.0+2.5+2.5+3.5+5.0	0.68	0.85	0.85	1.20	1.71	5.07	5.30	11.70	0.82	1.05	2.66	3.74	4.81	12.17	95
	2.0+2.5+2.5+4.2+4.2	0.69	0.86	0.86	1.45	1.45	5.04	5.30	11.58	0.85	1.06	2.70	3.87	4.86	12.38	95
	2.0+2.5+3.5+3.5+3.5	0.71	0.88	1.24	1.24	1.24	4.93	5.30	11.56	0.82	1.06	2.66	3.74	4.86	12.17	95
	2.5+2.5+2.5+2.5+2.5	1.06	1.06	1.06	1.06	1.06	4.21	5.30	11.54	0.68	1.08	2.66	3.10	4.95	12.17	95
	2.5+2.5+2.5+2.5+3.5	0.98	0.98	0.98	0.98	1.37	4.50	5.30	11.55	0.72	1.07	2.66	3.31	4.90	12.17	95
	2.5+2.5+2.5+2.5+4.2	0.93	0.93	0.93	0.93	1.57	4.70	5.30	11.55	0.77	1.07	2.66	3.53	4.90	12.17	95
	2.5+2.5+2.5+2.5+5.0	0.88	0.88	0.88	0.88	1.77	4.93	5.30	11.69	0.80	1.06	2.67	3.66	4.86	12.21	95
	2.5+2.5+2.5+3.5+3.5	0.91	0.91	0.91	1.28	1.28	4.78	5.30	11.55	0.80	1.07	2.66	3.66	4.90	12.17	95
	2.5+2.5+2.5+3.5+4.2	0.87	0.87	0.87	1.22	1.46	4.99	5.30	11.56	0.82	1.07	2.66	3.74	4.90	12.17	95
	2.5+2.5+3.5+3.5+3.5	0.85	0.85	1.20	1.20	1.20	5.07	5.30	11.56	0.85	1.06	2.66	3.87	4.86	12.17	95

Notes

- The total capacity of each connected indoor unit is up to 15.5kW.
- 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
- These indoor units can only be used in a multi-unit setup.
- 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 system.

3D103939

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

4

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.

D3105427

4 Combination table

4 - 1 Combination Table

4

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

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. 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
3. Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
4. Editable data for this drawing are available in the GDE (E-BOM) system.
5. 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

4

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

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. 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
3. Cooling capacity conditions
Indoor temperature 27°C DB / 19°C WB
Outdoor temperature 35°C DB
4. Editable data for this drawing are available in the GDE (E-BOM) system.
5. 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

4

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

4

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

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. 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
3. Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
4. Editable data for this drawing are available in the GDE(E-BOM) system.
5. 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

4

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

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. 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
3. Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
4. Editable data for this drawing are available in the GDE(E-BOM) system.
5. 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

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. 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
3. Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
4. Editable data for this drawing are available in the GDE(E-BOM) system.
5. 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

4

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

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. 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
3. Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
4. Editable data for this drawing are available in the GDE(E-BOM) system.
5. 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

4

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

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. 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
3. Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
4. Editable data for this drawing are available in the GDE(E-BOM) system.
5. 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

4

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	3.92	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

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. 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
3. Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
4. Editable data for this drawing are available in the GDE(E-BOM) system.
5. 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)

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

1. The total capacity of each connected indoor unit is up to 15.6kW.
2. 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
3. Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
4. Editable data for this drawing are available in the GDE(E-BOM) system.
5. 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

4

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+2.0+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+2.5+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+3.5+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

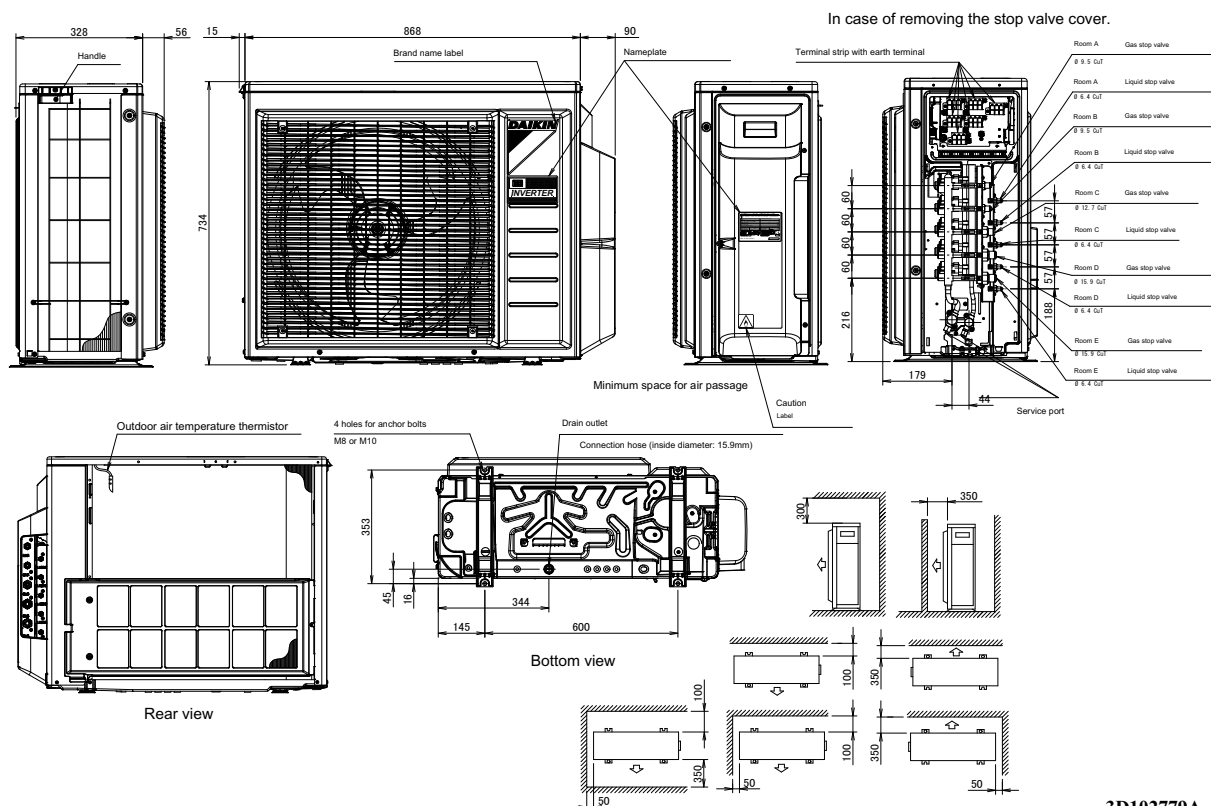
1. The total capacity of each connected indoor unit is up to 15.6kW.
2. The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,4.2,5.0,6.0 kW class
Wall-mounted FTXM-M series
3. Heating capacity conditions
Indoor temperature 20°C DB
Outdoor temperature 7°C DB / 6°C WB
4.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

3D105445

5 Dimensional drawings

5 - 1 Dimensional Drawings

5MXM90N



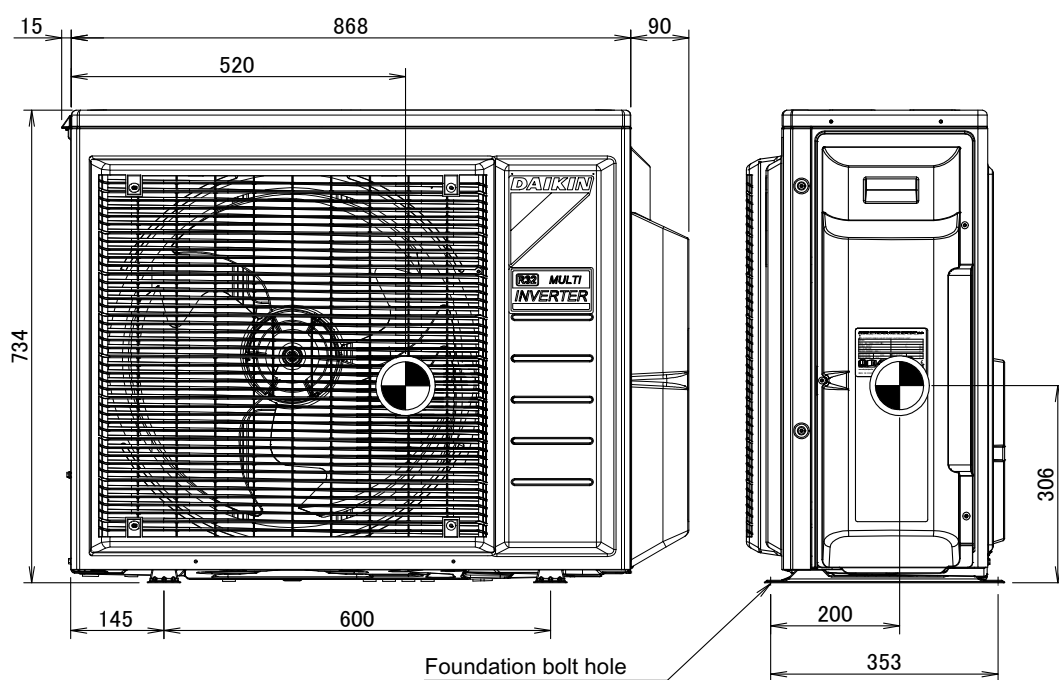
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6 Centre of gravity

6 - 1 Centre of Gravity

6

5MXM90N



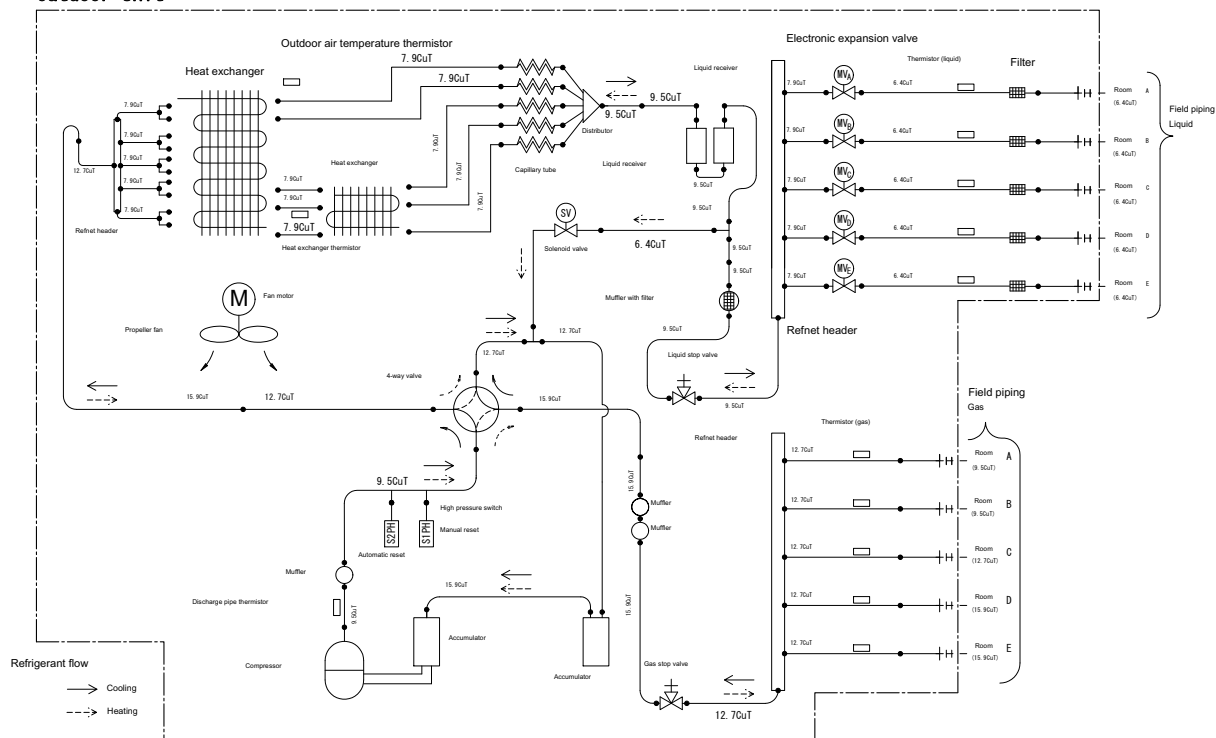
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7 - 1 Piping Diagrams

7 - 1 Piping Diagrams

5MXM90N

Outdoor Unit

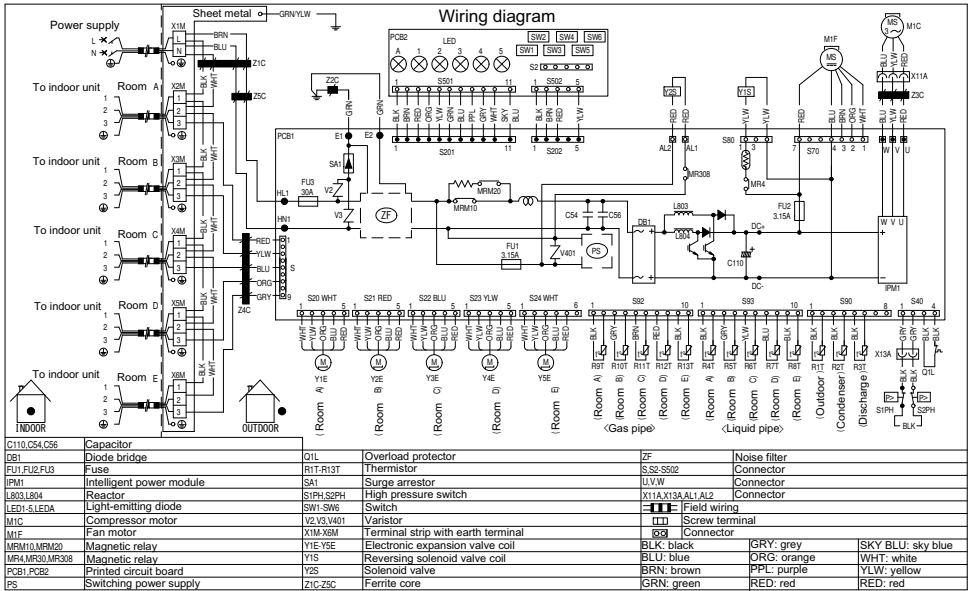


3D100792B

8 Wiring diagrams

8 - 1 Wiring Diagrams - Single Phase

5MXM90N

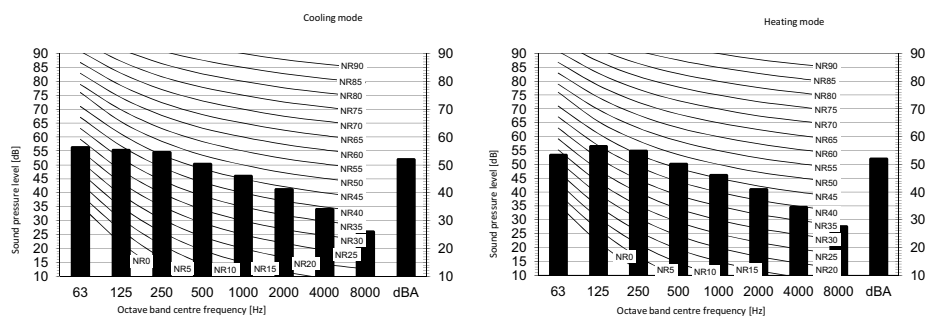


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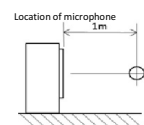
9 Sound data

9 - 1 Sound Pressure Spectrum

5MXM90N



Cooling		Total dB	Heating		Total dB
A	Scale				
	 High-tap				
B					

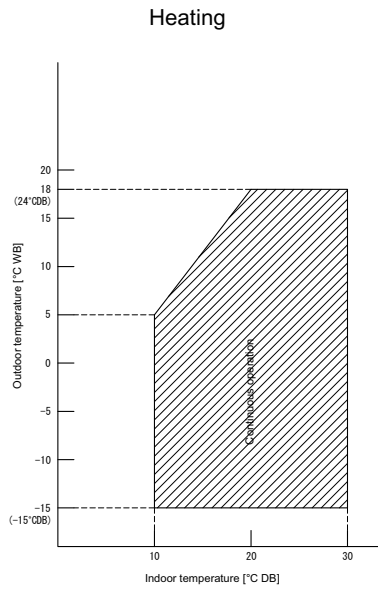
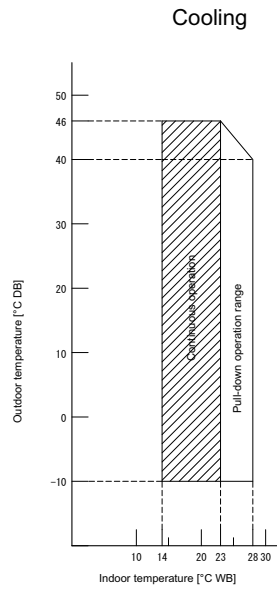


- Notes
- Operating conditions: power source 220-240 V/220 V 50/60 Hz, IIS standard
 - Background noise already taken into account.
 - Operating noise varies depending on operation and ambient conditions.
 - The operation noise measuring method is in accordance with JISC9612.
 - Measuring location: anechoic 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, 4.2, 5.0, 6.0, 7.1 kW Class

3D106226

10 **Operation range**
10 - 1 **Operation Range**

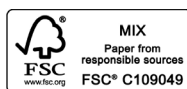
5MXM90N



- Notes
1. The graph is based on the following conditions.
Corresponding refrigerant piping length: 5 m
Level difference: 0m
Air flow rate High
 2. Editable data for this drawing are available in the GDE (E-BOM) system.

3D101376A

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