Multi model application Air Conditioning Technical Data

4MWXM-A

4MWXM52A2V1B

EEDEN22A

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1 Features

1 - 1 4MWXM-A

- Up to 3 indoor units and 1 domestic hot water tank can be connected to 1 multi outdoor unit
- New design outlook for outdoor unit
- Seasonal efficiency values up to A+++ in cooling and A++ in heating thanks to its up-to-date technology and built-in intelligence
- Up to 3 indoor units can be connected to 1 multi outdoor unit; all indoor units are individually controllable and do not need to be installed in the same room or at the same time. They operate simultaneously within the same heating or cooling mode.
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- Different types of indoor units can be connected: e.g. wall mounted, ceiling mounted cassette corner, concealed ceiling unit
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency

Inverter

2 Specifications

2 - 1 4MWXM-A

Technical specifications				EKHWET90BV3 + 4MWXM52A	EKHWET120BV3 + 4MWXM52A
General	Product description	Air-to-water heat pump		Yes	
Domestic hot water heating	General	Setpoint	°C	44	47
	Average climate	AEC (Annual electricity consumption)	kWh	570	1,084
		Qelec (Daily electricity consumption)	kWh	2.669	5.067
		Water heating energy efficiency class		A	
		ηwh (water heating efficiency)	%	90	94
		COPdhw		2.19	2.30
		Heat up time		1h 18min	2h 15min
		Mixed water at 40°C	l	76.6	116.7
		Stand-by power input	W	13.0	23.0
	Cold climate	AEC (Annual electricity consumption)	kWh	759	1,340
		Qelec (Daily electricity consumption)	kWh	3.771	6.474
		ηwh (water heating efficiency)	%	68	76
		COPdhw		1.55	1.80
		Heat up time		1h 29min	2h 13min
		Stand-by power input	W	57.0	67.0
	Warm climate	AEC (Annual electricity consumption)	kWh	465	920
		Qelec (Daily electricity consumption)	kWh	2.180	4.320
		ηwh (water heating efficiency)	%	110	111
		COPdhw		2.68	2.70
		Heat up time		1h 53min	3h 35min
		Stand-by power input	W	12.0	23.0

See separate drawing for operation range |
See separate drawing for electrical data

Technical specifications				4MWXM52A
Casing	Colour			Ivory white
Dimensions	Unit	Height	mm	734
		Width	mm	974
		Depth	mm	401
	Packed unit	Height	mm	820
		Width	mm	1,050
		Depth	mm	480
Weight	Unit		kg	60
	Packed unit		kg	65
Heat exchanger	Length		mm	920
	Rows	Quantity		2
	Fin pitch		mm	1.40
	Stages	Quantity		32
	Passes	Quantity		6.0
	Tube type			Hi-XA
	Tube diameter		mm	8
	Fin	Type		WHS8 FIN-HYDROPHILIC
		Treatment		Anti-corrosion treatment

2 Specifications

2 - 1 4MWXM-A

Technical specifications					4MWXM52A
Fan	Type				Propeller
	Air flow rate	Cooling	High	m^3/min	42
				cfm	1,483
			Nom.	m^3/min	42
				cfm	1,483
			Silent operation	m^3/min	24
				cfm	847
		Heating	High	m^3/min	41
				cfm	1,447
			Nom.	m^3/min	41
				cfm	1,447
			Silent operation	m^3/min	24
				cfm	847
Fan motor	Quantity				1
	Model				D55F-31
	Output			W	55
	Speed	Cooling	High	rpm	700
			Medium	rpm	700
Fan motor	Speed	Cooling	Super low	rpm	420
		Heating	High	rpm	680
			Super low	rpm	420
			Medium	rpm	680
Compressor	Quantity				1
	Model				2Y147BKBX1P#C
	Oil Amount			cm^3	650
	Type				Hermetically sealed swing compressor
	Output			W	1,300
	Oil Type				FW68DA
Operation range	Cooling	Ambient	Min.	°CDB	-10
			Max.	°CDB	46
	Heating	Ambient	Min.	°CDB	-15
			Max.	°CDB	24
Sound power level	Cooling	Max		dBA	63
		Night quiet mode		dBA	58
		Tonal adjustment		dBA	0
	Heating	Max		dBA	63
		Nom.		dBA	60
		Night quiet mode		dBA	58
		Tonal adjustment		dBA	0
Sound power level - Low sound mode (Stb. 2020, 189)	Cooling	Max.		dBA	62
		Night quiet mode		dBA	57
		Tonal adjustment		dBA	0
	Heating	Max.		dBA	62
		Night quiet mode		dBA	57
		Tonal adjustment		dBA	0
Sound pressure level	Cooling	Nom.		dBA	46
	Heating	Nom.		dBA	47
Refrigerant	Type				R-32
	Charge			kg	2.20
	Charge			TCO2Eq	1.49
	GWP				675
Piping connections	Liquid	Quantity			4
		OD		mm	6.4
	Gas	Quantity			2
		OD		mm	9.5
Piping connections	Drain	Quantity			1
		OD		mm	16
	Gas 2	Quantity			2
		OD		mm	12.7
	Piping length	OU - IU	Min.	m	3 (1)
			Max.	m	25 (1)
		System	Chargeless	m	30
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)
	Level difference	IU - OU	Max.	m	15.0
		IU - IU		m	7.5
	Total piping length	System	Actual	m	50
Capacity control	Method				Variable (inverter)

2 Specifications

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Technical specifications				4MWXM52A
Power supply	Phase			1~
	Frequency		Hz	50
	Voltage		V	220-240
Wiring connections	For power supply	Quantity		3
		Remark		Earth wire included
	For connection with indoor	Quantity		4
		Remark		Earth wire included

generation.notes.standard_accessories: Installation manual;generation.notes.quantity: 1;

generation.notes.standard_accessories: Screw bag;generation.notes.quantity: 1;

generation.notes.standard_accessories: Drain plug;generation.notes.quantity: 1;

generation.notes.standard_accessories: Reducer assembly;generation.notes.quantity: 1;

generation.notes.standard_accessories: Drain cap (1);generation.notes.quantity: 6;

generation.notes.standard_accessories: Drain cap (2);generation.notes.quantity: 3;

(1)For one room |
See separate drawing for operation range |
See separate drawing for electrical data |
Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

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Outdoor unit	Power supply			·RA· indoor units (·10·% safety factor) See note ·5·.		·Other· indoor units (·10·% safety factor)		Compressor	Outdoor fan motor	
Model name	Hz	Voltage	Voltage range	MCA	MFA	MCA	MFA	RLA	kW	FLA
4MWXM52A2V1B	50	230	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	14,59	20	16,27	20	4,7	0,056	0,37

Notes
1) The ·RLA· is based on the following conditions.
   Outdoor temperature ·35·°C DB
   Indoor temperature ·27·°C DB / ·19·°C WB
2) Select the wire size according to the MCA.
3) The maximum allowable voltage that is unbalanced between phases is ·2·%.
4) Use a circuit breaker instead of a fuse.
5) Only for wall-mounted ·FVXM· units

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

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4 Options

4 - 1 Options

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Option kit	Product name	Availability
		4MWXM52A2V1B
Asymmetric combinations piping reducer	ASYCPIR	✓

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5 Combination table

5 - 1 Combination Table

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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·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
4MWXM52A2V1B	1,5	2,30	---	---	1,40	2,30	3,40	0,38	0,57	1,09	1,72	2,55	4,94	96
	2,0	2,70	---	---	1,40	2,70	3,80	0,38	0,76	1,27	1,72	3,40	5,75	96
	2,5	3,40	---	---	1,40	3,40	4,20	0,38	1,01	1,36	1,72	4,54	6,16	96
	3,5	4,20	---	---	1,40	4,20	4,80	0,38	1,42	1,74	1,72	6,39	7,88	96
	4,2	4,80	---	---	1,40	4,80	5,60	0,38	1,62	2,03	1,72	7,32	9,18	96
	5,0	---	5,80	---	1,40	5,80	6,80	0,38	2,17	2,58	1,72	9,80	11,68	96
	6,0	---	---	6,60	1,50	6,60	7,00	0,41	1,56	2,29	1,86	7,07	10,37	96
	7,1	---	---	6,80	1,80	6,80	7,20	0,41	1,56	2,37	1,86	7,07	10,73	96
	1.5+1.5	1,80	1,80	---	1,50	3,60	5,80	0,41	0,67	1,62	1,86	3,04	7,34	96
	1.5+2.0	1,71	2,29	---	1,50	4,00	5,80	0,41	0,77	1,60	1,86	3,49	7,25	96
	1.5+2.5	1,69	2,81	---	1,50	4,50	6,90	0,41	0,91	2,06	1,86	4,13	9,33	96
	1.5+3.5	1,65	3,85	---	1,50	5,50	7,00	0,41	1,22	2,25	1,86	5,53	10,19	96
	1.5+4.2	1,58	4,42	---	1,50	6,00	7,00	0,41	1,42	2,23	1,86	6,44	10,10	96
	1.5+5.0	1,57	5,23	---	1,60	6,80	7,20	0,41	1,58	2,30	1,86	7,16	10,42	96
	2.0+2.0	3,40	3,40	---	1,50	6,80	7,00	0,41	1,59	2,26	1,86	7,21	10,24	96
	2.0+2.5	3,02	3,78	---	1,50	6,80	7,00	0,41	1,58	2,25	1,86	7,16	10,19	96
	2.0+3.5	2,47	4,33	---	1,50	6,80	7,10	0,41	1,57	2,26	1,86	7,12	10,24	96
	2.0+4.2	2,19	4,61	---	1,50	6,80	7,10	0,41	1,56	2,24	1,86	7,07	10,14	96
	2.0+5.0	1,94	4,86	---	1,80	6,80	7,20	0,41	1,53	2,28	1,86	6,93	10,32	96
	2.5+2.5	3,40	3,40	---	1,50	6,80	7,00	0,41	1,53	2,23	1,86	6,93	10,10	96
	2.5+3.5	2,83	3,97	---	1,60	6,80	7,20	0,41	1,53	2,35	1,86	6,93	10,64	96
	2.5+4.2	2,54	4,26	---	1,60	6,80	7,20	0,41	1,52	2,33	1,86	6,89	10,55	96
	2.5+5.0	2,27	4,53	---	1,80	6,80	7,40	0,41	1,50	2,33	1,86	6,80	10,52	96
	3.5+3.5	3,40	3,40	---	1,80	6,80	7,30	0,41	1,52	2,38	1,86	6,89	10,78	96
	3.5+4.2	3,09	3,71	---	1,80	6,80	7,30	0,41	1,51	2,36	1,86	6,84	10,69	96
	3.5+5.0	2,80	4,00	---	1,8	6,80	7,50	0,41	1,50	2,30	1,86	6,80	10,42	96
	4.2+4.2	3,40	3,40	---	1,80	6,80	7,30	0,41	1,50	2,35	1,86	6,80	10,62	96
	1.5+1.5+1.5	2,27	2,27	2,27	1,60	6,80	8,00	0,41	1,40	2,12	1,86	6,35	9,60	96
	1.5+1.5+2.0	2,04	2,04	2,72	1,60	6,80	8,00	0,41	1,40	2,10	1,86	6,35	9,51	96
	1.5+1.5+2.5	1,85	1,85	3,09	1,60	6,80	8,00	0,41	1,39	2,08	1,86	6,30	9,42	96
	1.5+1.5+3.5	1,57	1,57	3,66	1,80	6,80	8,10	0,41	1,38	2,13	1,86	6,25	9,65	96
	1.5+1.5+4.2	1,42	1,42	3,97	1,80	6,80	8,10	0,41	1,38	2,11	1,86	6,25	9,56	96
	1.5+1.5+5.0	1,28	1,28	4,25	2,00	6,80	8,30	0,41	1,32	2,09	1,86	5,98	9,47	96
	1.5+2.0+2.0	1,85	2,47	2,47	1,60	6,80	8,00	0,41	1,39	2,14	1,86	6,30	9,69	96
	1.5+2.0+2.5	1,70	2,27	2,83	1,60	6,80	8,00	0,41	1,38	2,12	1,86	6,25	9,60	96
	1.5+2.0+3.5	1,46	1,94	3,40	1,80	6,80	8,10	0,41	1,37	2,16	1,86	6,21	9,78	96
	1.5+2.0+4.2	1,32	1,77	3,71	1,80	6,80	8,10	0,41	1,36	2,14	1,86	6,16	9,69	96
	1.5+2.0+5.0	1,20	1,60	4,00	2,00	6,80	8,30	0,41	1,31	2,07	1,86	5,94	9,38	96
	1.5+2.5+2.5	1,57	2,62	2,62	1,60	6,80	8,00	0,41	1,38	2,12	1,86	6,25	9,60	96
	1.5+2.5+3.5	1,36	2,27	3,17	1,80	6,80	8,10	0,41	1,37	2,13	1,86	6,21	9,65	96
	1.5+2.5+4.2	1,24	2,07	3,48	1,80	6,80	8,10	0,41	1,36	2,11	1,86	6,16	9,56	96
	1.5+2.5+5.0	1,13	1,89	3,78	2,00	6,80	8,30	0,41	1,30	2,09	1,86	5,89	9,47	96
	1.5+3.5+3.5	1,20	2,80	2,80	1,60	6,80	8,20	0,41	1,36	2,14	1,86	6,16	9,69	96
	2.0+2.0+2.0	2,27	2,27	2,27	1,60	6,80	8,00	0,41	1,39	2,13	1,86	6,30	9,65	96
	2.0+2.0+2.5	2,09	2,09	2,62	1,60	6,80	8,00	0,41	1,38	2,11	1,86	6,25	9,56	96
	2.0+2.0+3.5	1,81	1,81	3,17	1,80	6,80	8,10	0,41	1,37	2,12	1,86	6,21	9,60	96
	2.0+2.0+4.2	1,66	1,66	3,48	1,80	6,80	8,10	0,41	1,36	2,10	1,86	6,16	9,51	96
	2.0+2.0+5.0	1,51	1,51	3,78	2,00	6,80	8,30	0,41	1,29	2,08	1,86	5,85	9,42	96
	2.0+2.5+2.5	1,94	2,43	2,43	1,60	6,80	8,00	0,41	1,37	2,09	1,86	6,21	9,47	96
	2.0+2.5+3.5	1,70	2,13	2,98	1,90	6,80	8,10	0,41	1,36	2,11	1,86	6,16	9,56	96
	2.0+2.5+4.2	1,56	1,95	3,28	1,90	6,80	8,10	0,41	1,35	2,11	1,86	6,12	9,56	96
	2.0+3.5+3.5	1,51	2,64	2,64	1,90	6,80	8,20	0,41	1,35	2,15	1,86	6,12	9,74	96
	2.5+2.5+2.5	2,27	2,27	2,27	1,80	6,80	8,00	0,41	1,36	2,07	1,86	6,16	9,38	96
	2.5+2.5+3.5	2,00	2,00	2,80	1,90	6,80	8,10	0,41	1,35	2,09	1,86	6,12	9,47	96

Notes

1) The total capacity of each connected indoor unit is up to ·9.0·kW.
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
3) Heating capacity conditions
   Indoor temperature ·20·°C DB
   Outdoor temperature ·7·°C DB / ·6·°C WB
4) Cooling capacity conditions
   Indoor temperature ·27·°C DB / ·19·°C WB
   Outdoor temperature ·35·°C DB

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5 Combination table

5 - 1 Combination Table

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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·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
4MWXM52A2V1B	1,5	1,50	---	---	1,80	1,50	2,40	0,43	0,36	0,63	1,95	1,62	2,86	96
	2,0	2,00	---	---	2,00	2,00	3,00	0,46	0,48	0,78	2,08	2,17	3,51	96
	2,5	2,50	---	---	2,00	2,50	3,20	0,46	0,64	0,87	2,08	2,89	3,92	96
	3,5	3,50	---	---	2,00	3,50	4,20	0,47	0,98	1,30	2,13	4,43	5,88	96
	4,2	4,20	---	---	2,00	4,20	4,60	0,47	1,21	1,49	2,13	5,47	6,70	96
	5,0	---	5,00	---	2,00	5,00	5,40	0,45	1,76	2,03	2,04	7,94	9,18	96
	6,0	---	---	5,10	2,10	5,10	6,00	0,45	1,11	2,15	2,04	5,03	9,74	96
	7,1	---	---	5,20	2,10	5,20	6,40	0,45	1,11	2,30	2,04	5,03	10,42	96
	1.5+1.5	1,50	1,50	---	2,10	3,00	4,70	0,45	0,55	1,32	2,04	2,50	5,98	96
	1.5+2.0	1,50	2,00	---	2,10	3,50	4,70	0,45	0,66	1,30	2,04	2,99	5,88	96
	1.5+2.5	1,50	2,50	---	2,10	4,00	5,00	0,45	0,78	1,92	2,04	3,54	8,66	96
	1.5+3.5	1,50	3,50	---	2,10	5,00	6,00	0,45	1,06	2,17	2,04	4,81	9,80	96
	1.5+4.2	1,37	3,83	---	2,10	5,20	6,10	0,45	1,10	2,26	2,04	4,99	10,21	96
	1.5+5.0	1,20	4,00	---	2,10	5,20	6,30	0,45	1,10	2,28	2,04	4,99	10,31	96
	2.0+2.0	2,00	2,00	---	2,10	4,00	6,00	0,45	0,85	2,25	2,04	3,85	10,16	96
	2.0+2.5	2,00	2,50	---	2,10	4,50	6,20	0,45	0,95	2,21	2,04	4,31	9,99	96
	2.0+3.5	1,89	3,31	---	2,10	5,20	6,30	0,45	1,10	2,30	2,04	4,99	10,38	96
	2.0+4.2	1,68	3,52	---	2,10	5,20	6,30	0,45	1,09	2,25	2,04	4,94	10,18	96
	2.0+5.0	1,49	3,71	---	2,10	5,20	6,50	0,45	1,09	2,19	2,04	4,94	9,89	96
	2.5+2.5	2,50	2,50	---	2,10	5,00	6,30	0,45	1,04	2,34	2,04	4,72	10,59	96
	2.5+3.5	2,17	3,03	---	2,10	5,20	6,30	0,45	1,09	2,28	2,04	4,94	10,31	96
	2.5+4.2	1,94	3,26	---	2,10	5,20	6,40	0,45	1,09	2,30	2,04	4,94	10,41	96
	2.5+5.0	1,73	3,47	---	2,10	5,20	6,50	0,45	1,06	2,14	2,04	4,81	9,68	96
	3.5+3.5	2,60	2,60	---	2,10	5,20	6,40	0,45	1,08	2,28	2,04	4,90	10,31	96
	3.5+4.2	2,36	2,84	---	2,10	5,20	6,40	0,45	1,08	2,26	2,04	4,90	10,21	96
	3.5+5.0	2,14	3,06	---	2,1	5,20	6,60	0,45	1,06	2,19	2,04	4,81	9,89	96
	4.2+4.2	2,60	2,60	---	2,10	5,20	6,50	0,45	1,07	2,24	2,04	4,85	10,11	96
	1.5+1.5+1.5	1,50	1,50	1,50	2,30	4,50	6,70	0,47	0,90	2,28	2,13	4,08	10,30	96
	1.5+1.5+2.0	1,50	1,50	2,00	2,30	5,00	6,70	0,47	1,06	2,26	2,13	4,81	10,20	96
	1.5+1.5+2.5	1,42	1,42	2,36	2,30	5,20	6,70	0,47	1,09	2,23	2,13	4,94	10,10	96
	1.5+1.5+3.5	1,20	1,20	2,80	2,40	5,20	6,80	0,47	1,09	2,28	2,13	4,94	10,30	96
	1.5+1.5+4.2	1,08	1,08	3,03	2,40	5,20	6,80	0,47	1,08	2,26	2,13	4,90	10,20	96
	1.5+1.5+5.0	0,98	0,98	3,25	2,50	5,20	7,10	0,45	1,05	2,17	2,04	4,76	9,80	96
	1.5+2.0+2.0	1,42	1,89	1,89	2,30	5,20	6,70	0,47	1,10	2,21	2,13	4,99	10,00	96
	1.5+2.0+2.5	1,30	1,73	2,17	2,30	5,20	6,70	0,47	1,09	2,19	2,13	4,94	9,90	96
	1.5+2.0+3.5	1,11	1,49	2,60	2,40	5,20	6,80	0,47	1,08	2,23	2,13	4,90	10,10	96
	1.5+2.0+4.2	1,01	1,35	2,84	2,40	5,20	6,80	0,47	1,08	2,19	2,13	4,90	9,90	96
	1.5+2.0+5.0	0,92	1,22	3,06	2,50	5,20	7,20	0,45	1,04	2,15	2,04	4,72	9,70	96
	1.5+2.5+2.5	1,20	2,00	2,00	2,30	5,20	6,70	0,47	1,09	2,17	2,13	4,94	9,80	96
	1.5+2.5+3.5	1,04	1,73	2,43	2,40	5,20	6,80	0,47	1,08	2,21	2,13	4,90	10,00	96
	1.5+2.5+4.2	0,95	1,59	2,66	2,40	5,20	6,80	0,47	1,07	2,19	2,13	4,85	9,90	96
	1.5+2.5+5.0	0,87	1,44	2,89	2,50	5,20	7,30	0,45	1,04	2,17	2,04	4,72	9,80	96
	1.5+3.5+3.5	0,92	2,14	2,14	2,30	5,20	7,30	0,47	1,07	2,15	2,13	4,85	9,70	96
	2.0+2.0+2.0	1,73	1,73	1,73	2,30	5,20	7,00	0,47	1,07	2,22	2,13	4,85	10,05	96
	2.0+2.0+2.5	1,60	1,60	2,00	2,30	5,20	7,00	0,47	1,06	2,21	2,13	4,81	10,00	96
	2.0+2.0+3.5	1,39	1,39	2,43	2,40	5,20	7,20	0,50	1,05	2,17	2,26	4,76	9,80	96
	2.0+2.0+4.2	1,27	1,27	2,66	2,40	5,20	7,20	0,50	1,04	2,15	2,26	4,72	9,70	96
	2.0+2.0+5.0	1,16	1,16	2,89	2,50	5,20	7,30	0,47	1,03	2,19	2,13	4,67	9,91	96
	2.0+2.5+2.5	1,49	1,86	1,86	2,30	5,20	7,10	0,50	1,05	2,12	2,26	4,76	9,60	96
	2.0+2.5+3.5	1,30	1,63	2,28	2,40	5,20	7,20	0,50	1,04	2,15	2,26	4,72	9,70	96
	2.0+2.5+4.2	1,20	1,49	2,51	2,40	5,20	7,20	0,50	1,04	2,14	2,26	4,72	9,65	96
	2.0+3.5+3.5	1,16	2,02	2,02	2,40	5,20	7,30	0,50	1,04	2,15	2,26	4,72	9,70	96
	2.5+2.5+2.5	1,73	1,73	1,73	2,40	5,20	7,10	0,50	1,04	2,19	2,26	4,72	9,90	96
	2.5+2.5+3.5	1,53	1,53	2,14	2,40	5,20	7,20	0,50	1,04	2,16	2,26	4,72	9,75	96

Notes

1) The total capacity of each connected indoor unit is up to ·9.0·kW.
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
3) Heating capacity conditions
   Indoor temperature ·20·°C DB
   Outdoor temperature ·7·°C DB / ·6·°C WB
4) Cooling capacity conditions
   Indoor temperature ·27·°C DB / ·19·°C WB
   Outdoor temperature ·35·°C DB

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6 Capacity tables

6 - 1 Cooling Capacity Tables

4MWXM-A Cooling · (50Hz 230V)·

①	②	Indoor air temperature [°C WB] 14°C TC	14°C PI	16°C TC	16°C PI	18°C TC	18°C PI	19°C TC	19°C PI	22°C TC	22°C PI	24°C TC	24°C PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5	22.0	2.19	0.44	2.55	0.51	2.68	0.52	2.74	0.53	2.94	0.55	3.07	0.56
	25.0	2.19	0.48	2.47	0.53	2.60	0.54	2.66	0.55	2.86	0.57	2.99	0.58
	32.0	2.15	0.58	2.28	0.59	2.41	0.60	2.48	0.61	2.68	0.62	2.81	0.63
	35.0	2.07	0.60	2.20	0.61	2.33	0.62	2.40	0.63	2.60	0.65	2.73	0.66
	40.0	1.94	0.65	2.07	0.66	2.20	0.67	2.27	0.68	2.46	0.69	2.59	0.71
	43.0	1.86	0.68	1.99	0.69	2.12	0.70	2.19	0.71	2.38	0.72	2.52	0.73
	46.0	1.78	0.71	1.91	0.72	2.04	0.73	2.11	0.74	2.31	0.75	2.44	0.76
2.0	22.0	2.79	0.59	3.15	0.66	3.28	0.67	3.34	0.68	3.54	0.70	3.67	0.71
	25.0	2.79	0.63	3.07	0.68	3.20	0.69	3.26	0.70	3.46	0.72	3.59	0.73
	32.0	2.75	0.73	2.88	0.74	3.01	0.75	3.08	0.76	3.28	0.77	3.41	0.78
	35.0	2.67	0.75	2.80	0.76	2.93	0.77	3.00	0.78	3.20	0.80	3.33	0.81
	40.0	2.54	0.80	2.67	0.81	2.80	0.82	2.87	0.83	3.06	0.84	3.19	0.86
	43.0	2.46	0.83	2.59	0.84	2.72	0.85	2.79	0.86	2.98	0.87	3.12	0.88
	46.0	2.38	0.86	2.51	0.87	2.64	0.88	2.71	0.89	2.91	0.90	3.04	0.91
2.5	22.0	2.99	0.68	3.35	0.75	3.48	0.76	3.54	0.77	3.74	0.79	3.87	0.80
	25.0	2.99	0.72	3.27	0.77	3.40	0.78	3.46	0.79	3.66	0.81	3.79	0.82
	32.0	2.95	0.82	3.08	0.83	3.21	0.84	3.28	0.85	3.48	0.86	3.61	0.87
	35.0	2.87	0.84	3.00	0.85	3.13	0.86	3.20	0.87	3.40	0.89	3.53	0.90
	40.0	2.74	0.89	2.87	0.90	3.00	0.91	3.07	0.92	3.26	0.93	3.39	0.95
	43.0	2.66	0.92	2.79	0.93	2.92	0.94	2.99	0.95	3.18	0.96	3.32	0.97
	46.0	2.58	0.95	2.71	0.96	2.84	0.97	2.91	0.98	3.11	0.99	3.24	1.00
3.5	22.0	3.02	0.68	3.70	0.85	4.44	1.05	4.71	1.12	4.99	1.15	5.19	1.17
	25.0	3.02	0.73	3.70	0.91	4.44	1.13	4.59	1.16	4.88	1.19	5.07	1.21
	32.0	3.02	0.86	3.70	1.08	4.22	1.25	4.32	1.26	4.61	1.29	4.80	1.31
	35.0	3.02	0.92	3.70	1.17	4.10	1.29	4.20	1.30	4.49	1.33	4.68	1.35
	40.0	3.02	1.05	3.70	1.34	3.91	1.37	4.01	1.38	4.29	1.41	4.49	1.43
	43.0	3.02	1.15	3.70	1.40	3.79	1.42	3.89	1.43	4.18	1.46	4.37	1.48
	46.0	3.02	1.25	3.48	1.45	3.68	1.47	3.77	1.48	4.06	1.51	4.25	1.53
4.2	22.0	3.42	0.87	4.10	1.04	4.84	1.24	5.11	1.31	5.39	1.34	5.59	1.36
	25.0	3.42	0.92	4.10	1.10	4.84	1.32	4.99	1.35	5.28	1.38	5.47	1.40
	32.0	3.42	1.05	4.10	1.27	4.62	1.44	4.72	1.45	5.01	1.48	5.20	1.50
	35.0	3.42	1.11	4.10	1.36	4.50	1.48	4.60	1.49	4.89	1.52	5.08	1.54
	40.0	3.42	1.24	4.10	1.53	4.31	1.56	4.41	1.57	4.69	1.60	4.89	1.62
	43.0	3.42	1.34	4.10	1.59	4.19	1.61	4.29	1.62	4.58	1.65	4.77	1.67
	46.0	3.42	1.44	3.88	1.64	4.08	1.66	4.17	1.67	4.46	1.70	4.65	1.72
5.0	22.0	3.68	0.92	4.52	1.18	5.43	1.49	5.90	1.68	6.43	1.80	6.68	1.83
	25.0	3.68	0.98	4.52	1.27	5.43	1.61	5.90	1.81	6.28	1.86	6.52	1.89
	32.0	3.68	1.17	4.52	1.51	5.43	1.95	5.55	1.96	5.92	2.01	6.17	2.04
	35.0	3.68	1.26	4.52	1.64	5.28	2.02	5.40	2.03	5.77	2.08	6.02	2.11
	40.0	3.68	1.45	4.52	1.91	5.02	2.14	5.15	2.16	5.52	2.21	5.77	2.24
	43.0	3.68	1.58	4.52	2.10	4.87	2.22	5.00	2.24	5.37	2.28	5.62	2.32
	46.0	3.68	1.74	4.33	2.07	4.53	2.07	4.63	2.07	4.93	2.07	5.12	2.07

①	②	Indoor air temperature [°C WB] 14°C TC	14°C PI	16°C TC	16°C PI	18°C TC	18°C PI	19°C TC	19°C PI	22°C TC	22°C PI	24°C TC	24°C PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5	22.0	4.00	0.68	5.01	1.01	5.28	1.04	5.42	1.06	5.83	1.10	6.11	1.13
	25.0	4.00	0.78	4.84	1.07	5.12	1.10	5.26	1.11	5.67	1.16	5.94	1.19
	32.0	4.00	1.08	4.45	1.21	4.73	1.24	4.87	1.26	5.28	1.30	5.55	1.33
	35.0	4.00	1.24	4.29	1.28	4.56	1.31	4.70	1.32	5.11	1.37	5.39	1.40
	40.0	3.74	1.36	4.01	1.39	4.29	1.42	4.42	1.44	4.83	1.49	5.11	1.52
	43.0	3.57	1.44	3.84	1.47	4.12	1.50	4.26	1.51	4.67	1.56	4.94	1.59
	46.0	3.37	1.48	3.60	1.48	3.84	1.48	3.95	1.48	4.29	1.48	4.50	1.48
1.5+2.0	22.0	4.00	0.66	5.01	0.99	5.28	1.02	5.42	1.04	5.83	1.08	6.11	1.11
	25.0	4.00	0.76	4.84	1.05	5.12	1.08	5.26	1.09	5.67	1.14	5.94	1.17
	32.0	4.00	1.06	4.45	1.19	4.73	1.22	4.87	1.24	5.28	1.28	5.55	1.31
	35.0	4.00	1.22	4.29	1.26	4.56	1.29	4.70	1.30	5.11	1.35	5.39	1.38
	40.0	3.74	1.34	4.01	1.37	4.29	1.40	4.42	1.42	4.83	1.47	5.11	1.50
	43.0	3.57	1.42	3.84	1.45	4.12	1.48	4.26	1.49	4.67	1.54	4.94	1.57
	46.0	3.37	1.46	3.60	1.46	3.84	1.46	3.95	1.46	4.29	1.46	4.50	1.46
1.5+2.5	22.0	4.30	1.28	5.31	1.61	5.58	1.64	5.72	1.66	6.13	1.70	6.41	1.73
	25.0	4.30	1.38	5.14	1.67	5.42	1.70	5.56	1.71	5.97	1.76	6.24	1.79
	32.0	4.30	1.68	4.75	1.81	5.03	1.84	5.17	1.86	5.58	1.90	5.85	1.93
	35.0	4.30	1.84	4.59	1.88	4.86	1.91	5.00	1.92	5.41	1.97	5.69	2.00
	40.0	4.04	1.96	4.31	1.99	4.59	2.02	4.72	2.04	5.13	2.09	5.41	2.12
	43.0	3.87	2.04	4.14	2.07	4.42	2.10	4.56	2.11	4.97	2.16	5.24	2.19
	46.0	3.67	2.08	3.90	2.08	4.14	2.08	4.25	2.08	4.59	2.08	4.80	2.08
1.5+3.5	22.0	5.39	1.52	6.32	1.83	6.61	1.87	6.76	1.88	7.19	1.93	7.47	1.97
	25.0	5.39	1.64	6.15	1.90	6.44	1.93	6.58	1.95	7.01	1.99	7.30	2.03
	32.0	5.39	1.98	5.74	2.05	6.03	2.08	6.17	2.10	6.61	2.15	6.89	2.18
	35.0	5.28	2.09	5.57	2.12	5.86	2.16	6.00	2.17	6.43	2.22	6.72	2.25
	40.0	4.99	2.22	5.28	2.25	5.57	2.28	5.71	2.30	6.14	2.35	6.43	2.38
	43.0	4.82	2.30	5.10	2.33	5.39	2.36	5.54	2.38	5.97	2.43	6.25	2.46
	46.0	4.45	2.17	4.68	2.17	4.91	2.17	5.03	2.17	5.36	2.17	5.57	2.17
1.5+4.2	22.0	5.49	1.61	6.42	1.92	6.71	1.96	6.86	1.97	7.29	2.02	7.57	2.06
	25.0	5.49	1.73	6.25	1.99	6.54	2.02	6.68	2.04	7.11	2.08	7.40	2.12
	32.0	5.49	2.07	5.84	2.14	6.13	2.17	6.27	2.19	6.71	2.24	6.99	2.27
	35.0	5.38	2.18	5.67	2.21	5.96	2.25	6.10	2.26	6.53	2.31	6.82	2.34
	40.0	5.09	2.31	5.38	2.34	5.67	2.37	5.81	2.39	6.24	2.44	6.53	2.47
	43.0	4.92	2.39	5.20	2.42	5.49	2.45	5.64	2.47	6.07	2.52	6.35	2.55
	46.0	4.55	2.26	4.78	2.26	5.01	2.26	5.13	2.26	5.46	2.26	5.67	2.26
1.5+5.0	22.0	6.14	1.81	6.64	1.93	6.93	1.97	7.08	1.98	7.53	2.03	7.83	2.07
	25.0	6.14	1.95	6.46	1.99	6.75	2.03	6.90	2.05	7.35	2.10	7.65	2.13
	32.0	5.74	2.12	6.03	2.16	6.33	2.19	6.48	2.21	6.93	2.26	7.23	2.29
	35.0	5.55	2.20	5.85	2.23	6.15	2.27	6.30	2.28	6.75	2.33	7.05	2.37
	40.0	5.25	2.33	5.55	2.36	5.85	2.40	6.00	2.41	6.45	2.47	6.74	2.50
	43.0	5.07	2.41	5.37	2.45	5.67	2.48	5.82	2.50	6.27	2.55	6.56	2.58
	46.0	4.62	2.20	4.86	2.20	5.09	2.20	5.20	2.20	5.53	2.20	5.75	2.20

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   ·1.5, 2.0, 2.5, 3.5, 4.2, 5.0· kW class
   Wall-mountend ·CTXM-M, FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

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

3D105326

4MWXM-A Cooling · (50Hz 230V)·

①	②	Indoor air temperature [°C WB] 14°C TC	14°C PI	16°C TC	16°C PI	18°C TC	18°C PI	19°C TC	19°C PI	22°C TC	22°C PI	24°C TC	24°C PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0	22.0	5.30	1.61	6.31	1.94	6.58	1.97	6.72	1.99	7.13	2.03	7.41	2.06
	25.0	5.30	1.71	6.14	2.00	6.42	2.03	6.56	2.04	6.97	2.09	7.24	2.12
	32.0	5.30	2.01	5.75	2.14	6.03	2.17	6.17	2.19	6.58	2.23	6.85	2.26
	35.0	5.30	2.17	5.59	2.21	5.86	2.24	6.00	2.25	6.41	2.30	6.69	2.33
	40.0	5.04	2.29	5.31	2.32	5.59	2.35	5.72	2.37	6.13	2.42	6.41	2.45
	43.0	4.87	2.37	5.14	2.40	5.42	2.43	5.56	2.44	5.97	2.49	6.24	2.52
	46.0	4.67	2.41	4.90	2.41	5.14	2.41	5.25	2.41	5.59	2.41	5.80	2.41
2.0+2.5	22.0	5.50	1.57	6.51	1.90	6.78	1.93	6.92	1.95	7.33	1.99	7.61	2.02
	25.0	5.50	1.67	6.34	1.96	6.62	1.99	6.76	2.00	7.17	2.05	7.44	2.08
	32.0	5.50	1.97	5.95	2.10	6.23	2.13	6.37	2.15	6.78	2.19	7.05	2.22
	35.0	5.50	2.13	5.79	2.17	6.06	2.20	6.20	2.21	6.61	2.26	6.89	2.29
	40.0	5.24	2.25	5.51	2.28	5.79	2.31	5.92	2.33	6.33	2.38	6.61	2.41
	43.0	5.07	2.33	5.34	2.36	5.62	2.39	5.76	2.40	6.17	2.45	6.44	2.48
	46.0	4.87	2.37	5.10	2.37	5.34	2.37	5.45	2.37	5.79	2.37	6.00	2.37
2.0+3.5	22.0	5.69	1.65	6.62	1.96	6.91	2.00	7.06	2.01	7.49	2.06	7.77	2.10
	25.0	5.69	1.77	6.45	2.03	6.74	2.06	6.88	2.08	7.31	2.12	7.60	2.16
	32.0	5.69	2.11	6.04	2.18	6.33	2.21	6.47	2.23	6.91	2.28	7.19	2.31
	35.0	5.58	2.22	5.87	2.25	6.16	2.29	6.30	2.30	6.73	2.35	7.02	2.38
	40.0	5.29	2.35	5.58	2.38	5.87	2.41	6.01	2.43	6.44	2.48	6.73	2.51
	43.0	5.12	2.43	5.40	2.46	5.69	2.49	5.84	2.51	6.27	2.56	6.55	2.59
	46.0	4.75	2.30	4.98	2.30	5.21	2.30	5.33	2.30	5.66	2.30	5.87	2.30
2.0+4.2	22.0	5.69	1.60	6.62	1.91	6.91	1.95	7.06	1.96	7.49	2.01	7.77	2.05
	25.0	5.69	1.72	6.45	1.98	6.74	2.01	6.88	2.03	7.31	2.07	7.60	2.11
	32.0	5.69	2.06	6.04	2.13	6.33	2.16	6.47	2.18	6.91	2.23	7.19	2.26
	35.0	5.58	2.17	5.87	2.20	6.16	2.24	6.30	2.25	6.73	2.30	7.02	2.33
	40.0	5.29	2.30	5.58	2.33	5.87	2.36	6.01	2.38	6.44	2.43	6.73	2.46
	43.0	5.12	2.38	5.40	2.41	5.69	2.44	5.84	2.46	6.27	2.51	6.55	2.54
	46.0	4.75	2.25	4.98	2.25	5.21	2.25	5.33	2.25	5.66	2.25	5.87	2.25
2.0+5.0	22.0	6.34	1.72	6.84	1.84	7.13	1.88	7.28	1.89	7.73	1.94	8.03	1.98
	25.0	6.34	1.86	6.66	1.90	6.95	1.94	7.10	1.96	7.55	2.01	7.85	2.04
	32.0	5.94	2.03	6.23	2.07	6.53	2.10	6.68	2.12	7.13	2.17	7.43	2.20
	35.0	5.75	2.11	6.05	2.14	6.35	2.18	6.50	2.19	6.95	2.24	7.25	2.28
	40.0	5.45	2.24	5.75	2.27	6.05	2.31	6.20	2.32	6.65	2.38	6.94	2.41
	43.0	5.27	2.32	5.57	2.36	5.87	2.39	6.02	2.41	6.47	2.46	6.76	2.49
	46.0	4.82	2.11	5.06	2.11	5.29	2.11	5.40	2.11	5.73	2.11	5.95	2.11
2.5+2.5	22.0	5.60	1.70	6.61	2.03	6.88	2.06	7.02	2.08	7.43	2.12	7.71	2.15
	25.0	5.60	1.80	6.44	2.09	6.72	2.12	6.86	2.13	7.27	2.18	7.54	2.21
	32.0	5.60	2.10	6.05	2.23	6.33	2.26	6.47	2.28	6.88	2.32	7.15	2.35
	35.0	5.60	2.26	5.89	2.30	6.16	2.33	6.30	2.34	6.71	2.39	6.99	2.42
	40.0	5.34	2.38	5.61	2.41	5.89	2.44	6.02	2.46	6.43	2.51	6.71	2.54
	43.0	5.17	2.46	5.44	2.49	5.72	2.52	5.86	2.53	6.27	2.58	6.54	2.61
	46.0	4.97	2.50	5.20	2.50	5.44	2.50	5.55	2.50	5.89	2.50	6.10	2.50

①	②	Indoor air temperature [°C WB] 14°C TC	14°C PI	16°C TC	16°C PI	18°C TC	18°C PI	19°C TC	19°C PI	22°C TC	22°C PI	24°C TC	24°C PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5	22.0	5.69	1.63	6.62	1.94	6.91	1.98	7.06	1.99	7.49	2.04	7.77	2.08
	25.0	5.69	1.75	6.45	2.01	6.74	2.04	6.88	2.06	7.31	2.10	7.60	2.14
	32.0	5.69	2.09	6.04	2.16	6.33	2.19	6.47	2.21	6.91	2.26	7.19	2.29
	35.0	5.58	2.20	5.87	2.23	6.16	2.27	6.30	2.28	6.73	2.33	7.02	2.36
	40.0	5.29	2.33	5.58	2.36	5.87	2.39	6.01	2.41	6.44	2.46	6.73	2.49
	43.0	5.12	2.41	5.40	2.44	5.69	2.47	5.84	2.49	6.27	2.54	6.55	2.57
	46.0	4.75	2.28	4.98	2.28	5.21	2.28	5.33	2.28	5.66	2.28	5.87	2.28
2.5+4.2	22.0	5.79	1.65	6.72	1.96	7.01	2.00	7.16	2.01	7.59	2.06	7.87	2.10
	25.0	5.79	1.77	6.55	2.03	6.84	2.06	6.98	2.08	7.41	2.12	7.70	2.16
	32.0	5.79	2.11	6.14	2.18	6.43	2.21	6.57	2.23	7.01	2.28	7.29	2.31
	35.0	5.68	2.22	5.97	2.25	6.26	2.29	6.40	2.30	6.83	2.35	7.12	2.38
	40.0	5.39	2.35	5.68	2.38	5.97	2.41	6.11	2.43	6.54	2.48	6.83	2.51
	43.0	5.22	2.43	5.50	2.46	5.79	2.49	5.94	2.51	6.37	2.56	6.65	2.59
	46.0	4.85	2.30	5.08	2.30	5.31	2.30	5.43	2.30	5.76	2.30	5.97	2.30
2.5+5.0	22.0	6.34	1.67	6.84	1.79	7.13	1.83	7.28	1.84	7.73	1.89	8.03	1.93
	25.0	6.34	1.81	6.66	1.85	6.95	1.89	7.10	1.91	7.55	1.96	7.85	1.99
	32.0	5.94	1.98	6.23	2.02	6.53	2.05	6.68	2.07	7.13	2.12	7.43	2.15
	35.0	5.75	2.06	6.05	2.09	6.35	2.13	6.50	2.14	6.95	2.19	7.25	2.23
	40.0	5.45	2.19	5.75	2.22	6.05	2.26	6.20	2.27	6.65	2.33	6.94	2.36
	43.0	5.27	2.27	5.57	2.31	5.87	2.34	6.02	2.36	6.47	2.41	6.76	2.44
	46.0	4.82	2.06	5.06	2.06	5.29	2.06	5.40	2.06	5.73	2.06	5.95	2.06
3.5+3.5	22.0	6.00	1.67	6.73	1.92	7.03	1.95	7.17	1.97	7.62	2.02	7.91	2.06
	25.0	6.00	1.81	6.55	1.98	6.85	2.02	7.00	2.04	7.44	2.09	7.73	2.13
	32.0	5.84	2.11	6.14	2.15	6.43	2.19	6.58	2.20	7.02	2.26	7.32	2.29
	35.0	5.68	2.19	5.96	2.23	6.25	2.26	6.40	2.28	6.84	2.34	7.14	2.37
	40.0	5.36	2.33	5.66	2.37	5.95	2.40	6.10	2.42	6.54	2.47	6.84	2.51
	43.0	5.19	2.42	5.48	2.45	5.78	2.49	5.92	2.51	6.37	2.56	6.66	2.60
	46.0	4.69	2.10	4.91	2.10	5.13	2.10	5.24	2.10	5.56	2.10	5.77	2.10
3.5+4.2	22.0	6.00	1.65	6.73	1.90	7.03	1.93	7.17	1.95	7.62	2.00	7.91	2.04
	25.0	6.00	1.79	6.55	1.96	6.85	2.00	7.00	2.02	7.44	2.07	7.73	2.11
	32.0	5.84	2.09	6.14	2.13	6.43	2.17	6.58	2.18	7.02	2.24	7.32	2.27
	35.0	5.66	2.17	5.96	2.21	6.25	2.24	6.40	2.26	6.84	2.32	7.14	2.35
	40.0	5.36	2.31	5.66	2.35	5.95	2.38	6.10	2.40	6.54	2.45	6.84	2.49
	43.0	5.19	2.40	5.48	2.43	5.78	2.47	5.92	2.49	6.37	2.54	6.66	2.58
	46.0	4.69	2.08	4.91	2.08	5.13	2.08	5.24	2.08	5.56	2.08	5.77	2.08
3.5+5.0	22.0	6.64	1.82	6.94	1.85	7.24	1.88	7.39	1.90	7.83	1.95	8.13	1.98
	25.0	6.46	1.88	6.76	1.91	7.05	1.95	7.20	1.96	7.65	2.01	7.95	2.05
	32.0	6.03	2.04	6.33	2.07	6.63	2.10	6.78	2.12	7.23	2.17	7.53	2.20
	35.0	5.85	2.11	6.15	2.14	6.45	2.18	6.60	2.19	7.05	2.24	7.35	2.28
	40.0	5.55	2.24	5.85	2.27	6.15	2.30	6.30	2.32	6.75	2.37	7.05	2.40
	43.0	5.37	2.32	5.67	2.35	5.97	2.39	6.12	2.40	6.56	2.45	6.86	2.49
	46.0	4.96	2.17	5.20	2.17	5.44	2.17	5.55	2.17	5.89	2.17	6.11	2.17

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   ·2.0, 2.5, 3.5, 4.2, 5.0· kW class
   Wall-mountend ·FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

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

3D105327

6 Capacity tables

6 - 1 Cooling Capacity Tables

4MWXM-A

Cooling · (50Hz 230V)·

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
4.2+4.2	22.0	6.10	1.63	6.83	1.88	7.13	1.91	7.27	1.93	7.72	1.98	8.01	2.02
	25.0	6.10	1.77	6.65	1.94	6.95	1.98	7.10	2.00	7.54	2.05	7.83	2.09
	32.0	5.94	2.07	6.24	2.11	6.53	2.15	6.68	2.16	7.12	2.22	7.42	2.25
	35.0	5.76	2.15	6.06	2.19	6.35	2.22	6.50	2.24	6.94	2.30	7.24	2.33
	40.0	5.46	2.29	5.76	2.33	6.05	2.36	6.20	2.38	6.64	2.43	6.94	2.47
	43.0	5.29	2.38	5.58	2.41	5.88	2.45	6.02	2.47	6.47	2.52	6.76	2.56
	46.0	4.79	2.06	5.01	2.06	5.23	2.06	5.34	2.06	5.66	2.06	5.87	2.06
1.5+1.5+1.5	22.0	6.74	1.90	7.07	1.93	7.39	1.96	7.55	1.98	8.04	2.03	8.36	2.07
	25.0	6.54	1.96	6.87	1.99	7.19	2.03	7.36	2.05	7.84	2.10	8.17	2.13
	32.0	6.09	2.12	6.41	2.16	6.73	2.19	6.90	2.21	7.38	2.26	7.71	2.29
	35.0	5.89	2.20	6.21	2.23	6.54	2.27	6.70	2.28	7.19	2.33	7.51	2.37
	40.0	5.56	2.33	5.89	2.36	6.21	2.40	6.37	2.41	6.86	2.47	7.18	2.50
	43.0	5.36	2.41	5.69	2.45	6.01	2.48	6.18	2.50	6.66	2.55	6.99	2.59
	46.0	4.83	2.19	5.08	2.19	5.33	2.19	5.45	2.19	5.80	2.19	6.03	2.19
1.5+1.5+2.0	22.0	6.74	1.88	7.07	1.91	7.39	1.94	7.55	1.96	8.04	2.01	8.36	2.05
	25.0	6.54	1.94	6.87	1.97	7.19	2.01	7.36	2.03	7.84	2.08	8.17	2.11
	32.0	6.09	2.10	6.41	2.14	6.73	2.17	6.90	2.19	7.38	2.24	7.71	2.27
	35.0	5.89	2.18	6.21	2.21	6.54	2.25	6.70	2.26	7.19	2.31	7.51	2.35
	40.0	5.56	2.31	5.89	2.34	6.21	2.38	6.37	2.39	6.86	2.45	7.18	2.48
	43.0	5.36	2.39	5.69	2.43	6.01	2.46	6.18	2.48	6.66	2.53	6.99	2.57
	46.0	4.83	2.17	5.08	2.17	5.33	2.17	5.45	2.17	5.80	2.17	6.03	2.17
1.5+1.5+2.5	22.0	6.74	1.85	7.07	1.88	7.39	1.91	7.55	1.93	8.04	1.98	8.36	2.02
	25.0	6.54	1.91	6.87	1.94	7.19	1.98	7.36	2.00	7.84	2.05	8.17	2.08
	32.0	6.09	2.07	6.41	2.11	6.73	2.14	6.90	2.16	7.38	2.21	7.71	2.24
	35.0	5.89	2.15	6.21	2.18	6.54	2.22	6.70	2.23	7.19	2.28	7.51	2.32
	40.0	5.56	2.28	5.89	2.31	6.21	2.35	6.37	2.36	6.86	2.42	7.18	2.45
	43.0	5.36	2.36	5.69	2.40	6.01	2.43	6.18	2.45	6.66	2.50	6.99	2.54
	46.0	4.83	2.14	5.08	2.14	5.33	2.14	5.45	2.14	5.80	2.14	6.03	2.14
1.5+1.5+3.5	22.0	6.84	1.90	7.17	1.93	7.49	1.96	7.65	1.98	8.14	2.03	8.47	2.07
	25.0	6.64	1.96	6.97	1.99	7.29	2.03	7.46	2.05	7.95	2.10	8.27	2.13
	32.0	6.18	2.12	6.51	2.16	6.83	2.19	7.00	2.21	7.49	2.26	7.81	2.29
	35.0	5.99	2.20	6.31	2.23	6.64	2.27	6.80	2.28	7.29	2.33	7.61	2.37
	40.0	5.66	2.33	5.98	2.36	6.31	2.40	6.47	2.41	6.96	2.47	7.28	2.50
	43.0	5.46	2.41	5.79	2.45	6.11	2.48	6.27	2.51	6.76	2.55	7.09	2.59
	46.0	4.92	2.19	5.18	2.19	5.42	2.19	5.55	2.19	5.90	2.19	6.13	2.19
1.5+1.5+4.2	22.0	6.84	1.88	7.17	1.91	7.49	1.94	7.65	1.96	8.14	2.01	8.47	2.05
	25.0	6.64	1.94	6.97	1.97	7.29	2.01	7.46	2.03	7.95	2.08	8.27	2.11
	32.0	6.18	2.10	6.51	2.14	6.83	2.17	7.00	2.19	7.49	2.24	7.81	2.27
	35.0	5.99	2.18	6.31	2.21	6.64	2.25	6.80	2.26	7.29	2.31	7.61	2.35
	40.0	5.66	2.31	5.98	2.34	6.31	2.38	6.47	2.39	6.96	2.45	7.28	2.48
	43.0	5.46	2.39	5.79	2.43	6.11	2.46	6.27	2.49	6.76	2.53	7.09	2.57
	46.0	4.92	2.17	5.18	2.17	5.42	2.17	5.55	2.17	5.90	2.17	6.13	2.17

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+5.0	22.0	7.14	1.77	7.48	1.80	7.82	1.84	7.98	1.86	8.49	1.91	8.82	1.95
	25.0	6.94	1.83	7.28	1.87	7.61	1.91	7.78	1.92	8.28	1.98	8.62	2.01
	32.0	6.46	2.00	6.80	2.04	7.14	2.08	7.30	2.09	7.81	2.15	8.14	2.18
	35.0	6.26	2.08	6.60	2.12	6.93	2.15	7.10	2.17	7.60	2.23	7.94	2.26
	40.0	5.92	2.22	6.26	2.26	6.59	2.29	6.76	2.31	7.26	2.37	7.60	2.40
	43.0	5.72	2.31	6.05	2.34	6.39	2.38	6.56	2.40	7.06	2.45	7.40	2.49
	46.0	5.07	1.98	5.32	1.98	5.56	1.98	5.68	1.98	6.04	1.98	6.27	1.98
1.5+2.0+2.0	22.0	6.74	1.83	7.07	1.86	7.39	1.89	7.55	1.91	8.04	1.96	8.36	2.00
	25.0	6.54	1.89	6.87	1.92	7.19	1.96	7.36	1.98	7.84	2.03	8.17	2.06
	32.0	6.09	2.05	6.41	2.09	6.73	2.12	6.90	2.14	7.38	2.19	7.71	2.22
	35.0	5.89	2.13	6.21	2.16	6.54	2.20	6.70	2.21	7.19	2.26	7.51	2.30
	40.0	5.56	2.26	5.89	2.29	6.21	2.33	6.37	2.34	6.86	2.40	7.18	2.43
	43.0	5.36	2.34	5.69	2.38	6.01	2.41	6.18	2.43	6.66	2.48	6.99	2.52
	46.0	4.83	2.12	5.08	2.12	5.33	2.12	5.45	2.12	5.80	2.12	6.03	2.12
1.5+2.0+2.5	22.0	6.74	1.81	7.07	1.84	7.39	1.87	7.55	1.89	8.04	1.94	8.36	1.98
	25.0	6.54	1.87	6.87	1.90	7.19	1.94	7.36	1.96	7.84	2.01	8.17	2.04
	32.0	6.09	2.03	6.41	2.07	6.73	2.10	6.90	2.12	7.38	2.17	7.71	2.20
	35.0	5.89	2.11	6.21	2.14	6.54	2.18	6.70	2.19	7.19	2.24	7.51	2.28
	40.0	5.56	2.24	5.89	2.27	6.21	2.31	6.37	2.32	6.86	2.38	7.18	2.41
	43.0	5.36	2.32	5.69	2.36	6.01	2.39	6.18	2.41	6.66	2.46	6.99	2.50
	46.0	4.83	2.10	5.08	2.10	5.33	2.10	5.45	2.10	5.80	2.10	6.03	2.10
1.5+2.0+3.5	22.0	6.84	1.85	7.17	1.88	7.49	1.91	7.65	1.93	8.14	1.98	8.47	2.02
	25.0	6.64	1.91	6.97	1.94	7.29	1.98	7.46	2.00	7.95	2.05	8.27	2.08
	32.0	6.18	2.07	6.51	2.11	6.83	2.14	7.00	2.16	7.49	2.21	7.81	2.24
	35.0	5.99	2.15	6.31	2.18	6.64	2.22	6.80	2.23	7.29	2.28	7.61	2.32
	40.0	5.66	2.28	5.98	2.31	6.31	2.35	6.47	2.36	6.96	2.42	7.28	2.45
	43.0	5.46	2.36	5.79	2.40	6.11	2.43	6.27	2.46	6.76	2.50	7.09	2.54
	46.0	4.92	2.14	5.18	2.14	5.42	2.14	5.55	2.14	5.90	2.14	6.13	2.14
1.5+2.0+4.2	22.0	6.84	1.81	7.17	1.84	7.49	1.87	7.65	1.89	8.14	1.94	8.47	1.98
	25.0	6.64	1.87	6.97	1.90	7.29	1.94	7.46	1.96	7.95	2.01	8.27	2.04
	32.0	6.18	2.03	6.51	2.07	6.83	2.10	7.00	2.12	7.49	2.17	7.81	2.20
	35.0	5.99	2.11	6.31	2.14	6.64	2.18	6.80	2.19	7.29	2.24	7.61	2.28
	40.0	5.66	2.24	5.98	2.27	6.31	2.31	6.47	2.32	6.96	2.38	7.28	2.41
	43.0	5.46	2.32	5.79	2.36	6.11	2.39	6.27	2.42	6.76	2.46	7.09	2.50
	46.0	4.92	2.10	5.18	2.10	5.42	2.10	5.55	2.10	5.90	2.10	6.13	2.10
1.5+2.0+5.0	22.0	7.24	1.75	7.58	1.78	7.92	1.82	8.08	1.84	8.59	1.89	8.92	1.93
	25.0	7.04	1.81	7.38	1.85	7.71	1.89	7.88	1.90	8.38	1.96	8.72	1.99
	32.0	6.56	1.98	6.90	2.02	7.24	2.06	7.40	2.07	7.91	2.13	8.24	2.16
	35.0	6.36	2.06	6.70	2.10	7.03	2.13	7.20	2.15	7.70	2.21	8.04	2.24
	40.0	6.02	2.20	6.36	2.24	6.69	2.27	6.86	2.29	7.36	2.35	7.70	2.38
	43.0	5.82	2.29	6.15	2.32	6.49	2.36	6.66	2.38	7.16	2.43	7.50	2.47
	46.0	5.17	1.96	5.42	1.96	5.66	1.96	5.78	1.96	6.14	1.96	6.37	1.96

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   · 1.5, 2.0, 2.5, 3.5, 4.2, 5.0 · kW class
   Wall-mountend ·CTXM-M, FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

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

3D105328

4MWXM-A

Cooling · (50Hz 230V)·

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+2.5	22.0	6.74	1.79	7.07	1.82	7.39	1.85	7.55	1.87	8.04	1.92	8.36	1.96
	25.0	6.54	1.85	6.87	1.88	7.19	1.92	7.36	1.94	7.84	1.99	8.17	2.02
	32.0	6.09	2.01	6.41	2.05	6.73	2.08	6.90	2.10	7.38	2.15	7.71	2.18
	35.0	5.89	2.09	6.21	2.12	6.54	2.16	6.70	2.17	7.19	2.22	7.51	2.26
	40.0	5.56	2.22	5.89	2.25	6.21	2.29	6.37	2.30	6.86	2.36	7.18	2.39
	43.0	5.36	2.30	5.69	2.34	6.01	2.37	6.18	2.39	6.66	2.44	6.99	2.48
	46.0	4.83	2.08	5.08	2.08	5.33	2.08	5.45	2.08	5.80	2.08	6.03	2.08
1.5+2.5+3.5	22.0	6.84	1.83	7.17	1.86	7.49	1.89	7.65	1.91	8.14	1.96	8.47	2.00
	25.0	6.64	1.89	6.97	1.92	7.29	1.96	7.46	1.98	7.95	2.03	8.27	2.06
	32.0	6.18	2.05	6.51	2.09	6.83	2.12	7.00	2.14	7.49	2.19	7.81	2.22
	35.0	5.99	2.13	6.31	2.16	6.64	2.20	6.80	2.21	7.29	2.26	7.61	2.30
	40.0	5.66	2.26	5.98	2.29	6.31	2.33	6.47	2.34	6.96	2.40	7.28	2.43
	43.0	5.46	2.34	5.79	2.38	6.11	2.41	6.27	2.44	6.76	2.48	7.09	2.52
	46.0	4.92	2.12	5.18	2.12	5.42	2.12	5.55	2.12	5.90	2.12	6.13	2.12
1.5+2.5+4.2	22.0	6.84	1.81	7.17	1.84	7.49	1.87	7.65	1.89	8.14	1.94	8.47	1.98
	25.0	6.64	1.87	6.97	1.90	7.29	1.94	7.46	1.96	7.95	2.01	8.27	2.04
	32.0	6.18	2.03	6.51	2.07	6.83	2.10	7.00	2.12	7.49	2.17	7.81	2.20
	35.0	5.99	2.11	6.31	2.14	6.64	2.18	6.80	2.19	7.29	2.24	7.61	2.28
	40.0	5.66	2.24	5.98	2.27	6.31	2.31	6.47	2.32	6.96	2.38	7.28	2.41
	43.0	5.46	2.32	5.79	2.36	6.11	2.39	6.27	2.42	6.76	2.46	7.09	2.50
	46.0	4.92	2.10	5.18	2.10	5.42	2.10	5.55	2.10	5.90	2.10	6.13	2.10
1.5+2.5+5.0	22.0	7.34	1.77	7.68	1.80	8.02	1.84	8.18	1.86	8.69	1.91	9.02	1.95
	25.0	7.14	1.83	7.48	1.87	7.81	1.91	7.98	1.92	8.48	1.98	8.82	2.01
	32.0	6.66	2.00	7.00	2.04	7.34	2.08	7.50	2.09	8.01	2.15	8.34	2.18
	35.0	6.46	2.08	6.80	2.12	7.13	2.15	7.30	2.17	7.80	2.23	8.14	2.26
	40.0	6.12	2.22	6.46	2.26	6.79	2.29	6.96	2.31	7.46	2.37	7.80	2.40
	43.0	5.92	2.31	6.25	2.34	6.59	2.38	6.76	2.40	7.26	2.45	7.60	2.49
	46.0	5.27	1.98	5.52	1.98	5.76	1.98	5.88	1.98	6.24	1.98	6.47	1.98
1.5+3.5+3.5	22.0	7.34	1.77	7.67	1.80	7.99	1.83	8.16	1.85	8.64	1.90	8.97	1.94
	25.0	7.14	1.83	7.47	1.86	7.80	1.90	7.96	1.92	8.45	1.97	8.77	2.00
	32.0	6.68	1.99	7.01	2.03	7.33	2.06	7.50	2.08	7.99	2.13	8.31	2.16
	35.0	6.49	2.07	6.81	2.10	7.14	2.14	7.30	2.15	7.79	2.20	8.11	2.24
	40.0	6.16	2.20	6.48	2.23	6.81	2.27	6.97	2.28	7.46	2.34	7.79	2.37
	43.0	5.96	2.28	6.28	2.32	6.61	2.35	6.77	2.37	7.26	2.42	7.59	2.46
	46.0	5.42	2.06	5.67	2.06	5.92	2.06	6.04	2.06	6.40	2.06	6.63	2.06
2.0+2.0+2.0	22.0	7.04	1.84	7.37	1.87	7.69	1.90	7.85	1.92	8.34	1.97	8.66	2.01
	25.0	6.84	1.90	7.17	1.93	7.49	1.97	7.66	1.99	8.14	2.04	8.47	2.07
	32.0	6.39	2.06	6.71	2.10	7.03	2.13	7.20	2.15	7.68	2.20	8.01	2.23
	35.0	6.19	2.14	6.51	2.17	6.84	2.21	7.00	2.22	7.49	2.27	7.81	2.31
	40.0	5.86	2.27	6.19	2.30	6.51	2.34	6.67	2.35	7.16	2.41	7.48	2.44
	43.0	5.66	2.35	5.99	2.39	6.31	2.42	6.48	2.44	6.96	2.49	7.29	2.53
	46.0	5.13	2.13	5.38	2.13	5.63	2.13	5.75	2.13	6.10	2.13	6.33	2.13

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5	22.0	7.04	1.83	7.37	1.86	7.69	1.89	7.85	1.91	8.34	1.96	8.66	2.00
	25.0	6.84	1.89	7.17	1.92	7.49	1.96	7.66	1.98	8.14	2.03	8.47	2.06
	32.0	6.39	2.05	6.71	2.09	7.03	2.12	7.20	2.14	7.68	2.19	8.01	2.22
	35.0	6.19	2.13	6.51	2.16	6.84	2.20	7.00	2.21	7.49	2.26	7.81	2.30
	40.0	5.86	2.26	6.19	2.29	6.51	2.33	6.67	2.34	7.16	2.40	7.48	2.43
	43.0	5.66	2.34	5.99	2.38	6.31	2.41	6.48	2.43	6.96	2.48	7.29	2.52
	46.0	5.13	2.12	5.38	2.12	5.63	2.12	5.75	2.12	6.10	2.12	6.33	2.12
2.0+2.0+3.5	22.0	7.24	1.79	7.57	1.82	7.89	1.85	8.05	1.87	8.54	1.92	8.87	1.96
	25.0	7.04	1.85	7.37	1.88	7.69	1.92	7.86	1.94	8.35	1.99	8.67	2.02
	32.0	6.58	2.01	6.91	2.05	7.23	2.08	7.40	2.10	7.89	2.15	8.21	2.18
	35.0	6.39	2.09	6.71	2.12	7.04	2.16	7.20	2.17	7.69	2.22	8.01	2.26
	40.0	6.06	2.22	6.38	2.25	6.71	2.29	6.87	2.30	7.36	2.36	7.68	2.39
	43.0	5.86	2.30	6.19	2.34	6.51	2.37	6.67	2.40	7.16	2.44	7.49	2.48
	46.0	5.32	2.08	5.58	2.08	5.82	2.08	5.95	2.08	6.30	2.08	6.53	2.08
2.0+2.0+4.2	22.0	7.24	1.77	7.57	1.80	7.89	1.83	8.05	1.85	8.54	1.90	8.87	1.94
	25.0	7.04	1.83	7.37	1.86	7.69	1.90	7.86	1.92	8.35	1.97	8.67	2.00
	32.0	6.58	1.99	6.91	2.03	7.23	2.06	7.40	2.08	7.89	2.13	8.21	2.16
	35.0	6.39	2.07	6.71	2.10	7.04	2.14	7.20	2.15	7.69	2.20	8.01	2.24
	40.0	6.06	2.20	6.38	2.23	6.71	2.27	6.87	2.28	7.36	2.34	7.68	2.37
	43.0	5.86	2.28	6.19	2.32	6.51	2.35	6.67	2.38	7.16	2.42	7.49	2.46
	46.0	5.32	2.06	5.58	2.06	5.82	2.06	5.95	2.06	6.30	2.06	6.53	2.06
2.0+2.0+5.0	22.0	7.34	1.79	7.68	1.82	8.02	1.86	8.18	1.88	8.69	1.93	9.02	1.97
	25.0	7.14	1.85	7.48	1.89	7.81	1.93	7.98	1.94	8.48	2.00	8.82	2.03
	32.0	6.66	2.02	7.00	2.06	7.34	2.10	7.50	2.11	8.01	2.17	8.34	2.20
	35.0	6.46	2.10	6.80	2.14	7.13	2.17	7.30	2.19	7.80	2.25	8.14	2.28
	40.0	6.12	2.24	6.46	2.28	6.79	2.31	6.96	2.33	7.46	2.39	7.80	2.42
	43.0	5.92	2.33	6.25	2.36	6.59	2.40	6.76	2.42	7.26	2.47	7.60	2.51
	46.0	5.27	2.00	5.52	2.00	5.76	2.00	5.88	2.00	6.24	2.00	6.47	2.00
2.0+2.5+2.5	22.0	7.14	1.74	7.47	1.77	7.79	1.80	7.95	1.82	8.44	1.87	8.76	1.91
	25.0	6.94	1.80	7.27	1.83	7.59	1.87	7.76	1.89	8.24	1.94	8.57	1.97
	32.0	6.49	1.96	6.81	2.00	7.13	2.03	7.30	2.05	7.78	2.10	8.11	2.13
	35.0	6.29	2.04	6.61	2.07	6.94	2.11	7.10	2.12	7.59	2.17	7.91	2.21
	40.0	5.96	2.17	6.29	2.20	6.61	2.24	6.77	2.25	7.26	2.31	7.58	2.34
	43.0	5.76	2.25	6.09	2.29	6.41	2.32	6.58	2.34	7.06	2.39	7.39	2.43
	46.0	5.23	2.03	5.48	2.03	5.73	2.03	5.85	2.03	6.20	2.03	6.43	2.03
2.0+2.5+3.5	22.0	7.24	1.77	7.57	1.80	7.89	1.83	8.05	1.85	8.54	1.90	8.87	1.94
	25.0	7.04	1.83	7.37	1.86	7.69	1.90	7.86	1.92	8.35	1.97	8.67	2.00
	32.0	6.58	1.99	6.91	2.03	7.23	2.06	7.40	2.08	7.89	2.13	8.21	2.16
	35.0	6.39	2.07	6.71	2.10	7.04	2.14	7.20	2.15	7.69	2.20	8.01	2.24
	40.0	6.06	2.20	6.38	2.23	6.71	2.27	6.87	2.28	7.36	2.34	7.68	2.37
	43.0	5.86	2.28	6.19	2.32	6.51	2.35	6.67	2.38	7.16	2.42	7.49	2.46
	46.0	5.32	2.06	5.58	2.06	5.82	2.06	5.95	2.06	6.30	2.06	6.53	2.06

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   · 1.5, 2.0, 2.5, 3.5, 4.2, 5.0 · kW class
   Wall-mountend ·CTXM-M, FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

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

3D105329

6 Capacity tables

6 - 1 Cooling Capacity Tables

4MWXM-A

Cooling · (50Hz 230V)·

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+4.2	22.0	7.24	1.76	7.57	1.79	7.89	1.82	8.05	1.84	8.54	1.89	8.87	1.93
	25.0	7.04	1.82	7.37	1.85	7.69	1.89	7.86	1.91	8.35	1.96	8.67	1.99
	32.0	6.58	1.98	6.91	2.02	7.23	2.05	7.40	2.07	7.89	2.12	8.21	2.15
	35.0	6.39	2.06	6.71	2.09	7.04	2.13	7.20	2.14	7.69	2.19	8.01	2.23
	40.0	6.06	2.19	6.38	2.22	6.71	2.26	6.87	2.27	7.36	2.33	7.68	2.36
	43.0	5.86	2.27	6.19	2.31	6.51	2.34	6.67	2.36	7.16	2.41	7.49	2.45
	46.0	5.32	2.05	5.58	2.05	5.82	2.05	5.95	2.05	6.30	2.05	6.53	2.05
2.0+3.5+3.5	22.0	7.34	1.77	7.67	1.80	7.99	1.83	8.16	1.85	8.64	1.90	8.97	1.94
	25.0	7.14	1.83	7.47	1.86	7.80	1.90	7.96	1.92	8.45	1.97	8.77	2.00
	32.0	6.68	1.99	7.01	2.03	7.33	2.06	7.50	2.08	7.99	2.13	8.31	2.16
	35.0	6.49	2.07	6.81	2.10	7.14	2.14	7.30	2.15	7.79	2.20	8.11	2.24
	40.0	6.16	2.20	6.48	2.23	6.81	2.27	6.97	2.28	7.46	2.34	7.79	2.37
	43.0	5.96	2.28	6.28	2.32	6.61	2.35	6.77	2.37	7.26	2.42	7.59	2.46
	46.0	5.42	2.06	5.67	2.06	5.92	2.06	6.04	2.06	6.40	2.06	6.63	2.06
2.5+2.5+2.5	22.0	7.14	1.81	7.47	1.84	7.79	1.87	7.95	1.89	8.44	1.94	8.76	1.98
	25.0	6.94	1.87	7.27	1.90	7.59	1.94	7.76	1.96	8.24	2.01	8.57	2.04
	32.0	6.49	2.03	6.81	2.07	7.13	2.10	7.30	2.12	7.78	2.17	8.11	2.20
	35.0	6.29	2.11	6.61	2.14	6.94	2.18	7.10	2.19	7.59	2.24	7.91	2.28
	40.0	5.96	2.24	6.29	2.27	6.61	2.31	6.77	2.32	7.26	2.38	7.58	2.41
	43.0	5.76	2.32	6.09	2.36	6.41	2.39	6.58	2.41	7.06	2.46	7.39	2.50
	46.0	5.23	2.10	5.48	2.10	5.73	2.10	5.85	2.10	6.20	2.10	6.43	2.10
2.5+2.5+3.5	22.0	7.24	1.78	7.57	1.81	7.89	1.84	8.05	1.86	8.54	1.91	8.87	1.95
	25.0	7.04	1.84	7.37	1.87	7.69	1.91	7.86	1.93	8.35	1.98	8.67	2.01
	32.0	6.58	2.00	6.91	2.04	7.23	2.07	7.40	2.09	7.89	2.14	8.21	2.17
	35.0	6.39	2.08	6.71	2.11	7.04	2.15	7.20	2.16	7.69	2.21	8.01	2.25
	40.0	6.06	2.21	6.38	2.24	6.71	2.28	6.87	2.29	7.36	2.35	7.68	2.38
	43.0	5.86	2.29	6.19	2.33	6.51	2.36	6.67	2.39	7.16	2.43	7.49	2.47
	46.0	5.32	2.07	5.58	2.07	5.82	2.07	5.95	2.07	6.30	2.07	6.53	2.07

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   · 2.0, 2.5, 3.5, 4.2 · kW class
   Wall-mountend ·FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

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

3D105330

6 Capacity tables

6 - 1 Cooling Capacity Tables

4MWXM-A

Cooling

①	②	Indoor air temperature [°C WB]											
		14°C		16°C		18°C		19°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
6,0	22,0	5,42	1,53	6,30	1,83	6,58	1,86	6,72	1,87	7,13	1,92	7,40	1,96
	25,0	5,42	1,64	6,14	1,89	6,42	1,92	6,55	1,94	6,96	1,98	7,24	2,02
	32,0	5,42	1,97	5,75	2,04	6,03	2,06	6,16	2,08	6,58	2,13	6,85	2,16
	35,0	5,31	2,07	5,59	2,10	5,87	2,14	6,00	2,15	6,41	2,20	6,69	2,23
	40,0	5,04	2,20	5,31	2,23	5,59	2,26	5,72	2,27	6,13	2,32	6,41	2,35
	43,0	4,88	2,27	5,14	2,30	5,42	2,33	5,56	2,35	5,97	2,40	6,24	2,43
	46,0	4,52	2,15	4,74	2,15	4,96	2,15	5,08	2,15	5,39	2,15	5,59	2,15
7,1	22,0	6,00	1,68	6,73	1,94	7,03	1,97	7,17	1,99	7,62	2,04	7,91	2,08
	25,0	6,00	1,83	6,55	2,00	6,85	2,04	7,00	2,06	7,44	2,11	7,73	2,15
	32,0	5,84	2,13	6,14	2,17	6,43	2,21	6,58	2,22	7,02	2,28	7,32	2,31
	35,0	5,66	2,21	5,96	2,25	6,25	2,28	6,40	2,30	6,84	2,36	7,14	2,39
	40,0	5,36	2,35	5,66	2,39	5,95	2,42	6,10	2,44	6,54	2,49	6,84	2,53
	43,0	5,19	2,44	5,48	2,47	5,78	2,51	5,92	2,53	6,37	2,58	6,66	2,62
	46,0	4,69	2,12	4,91	2,12	5,13	2,12	5,24	2,12	5,56	2,12	5,77	2,12

Heating

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
6,0	-15,0	3,90	1,84	3,81	1,87	3,71	1,89	3,66	1,90	3,61	1,91	3,52	1,93
	-10,0	4,68	1,94	4,58	1,96	4,50	1,98	4,45	1,99	4,40	2,00	4,30	2,02
	-5,0	5,47	2,03	5,37	2,05	5,27	2,08	5,23	2,09	5,18	2,10	5,09	2,12
	0,0	6,25	2,14	6,15	2,16	6,06	2,18	6,01	2,19	5,96	2,20	5,87	2,22
	6,0	7,19	2,25	7,10	2,27	7,00	2,29	6,95	2,30	6,90	2,31	6,81	2,33
	10,0	7,82	2,32	7,72	2,34	7,63	2,37	7,58	2,38	7,53	2,39	7,43	2,41
	15,0	8,61	2,42	8,51	2,44	8,41	2,46	8,36	2,47	8,31	2,48	8,22	2,50
7,1	-15,0	4,02	1,92	3,93	1,94	3,83	1,96	3,78	1,97	3,73	1,98	3,63	2,01
	-10,0	4,82	2,02	4,72	2,04	4,63	2,06	4,58	2,07	4,53	2,08	4,43	2,10
	-5,0	5,63	2,11	5,53	2,14	5,43	2,16	5,39	2,17	5,34	2,18	5,24	2,20
	0,0	6,43	2,21	6,33	2,23	6,23	2,25	6,18	2,26	6,13	2,28	6,04	2,30
	6,0	7,40	2,33	7,30	2,35	7,20	2,37	7,15	2,38	7,10	2,39	7,00	2,41
	10,0	8,04	2,41	7,94	2,43	7,84	2,45	7,79	2,46	7,74	2,47	7,64	2,49
	15,0	8,85	2,50	8,75	2,52	8,65	2,54	8,60	2,55	8,55	2,57	8,45	2,59

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

Notes

1) The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5· m
   Level difference: ·0·m
2) The bold cells indicate the standard conditions.
3) The values above are for connecting with the following indoor unit types:
   ·FBA-A(9)· series

4D139742

6 Capacity tables

6 - 2 Heating Capacity Tables

4MWXM-A

Heating · (50Hz 230V)·

①	②	Indoor air temperature [°C DB] 16°C TC	16°C PI	18°C TC	18°C PI	20°C TC	20°C PI	21°C TC	21°C PI	22°C TC	22°C PI	24°C TC	24°C PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5	-15.0	1.73	0.86	1.67	0.87	1.62	0.88	1.60	0.89	1.57	0.89	1.52	0.90
	-10.0	2.15	0.91	2.10	0.92	2.04	0.93	2.02	0.94	1.99	0.94	1.94	0.95
	-5.0	2.57	0.96	2.52	0.97	2.47	0.98	2.44	0.99	2.42	0.99	2.36	1.00
	0.0	3.00	1.01	2.94	1.02	2.89	1.03	2.87	1.04	2.84	1.04	2.79	1.05
	6.0	3.50	1.07	3.45	1.08	3.40	1.09	3.37	1.10	3.35	1.10	3.30	1.11
	10.0	3.84	1.11	3.79	1.12	3.74	1.13	3.71	1.13	3.69	1.14	3.64	1.15
	15.0	4.27	1.16	4.21	1.17	4.16	1.18	4.14	1.18	4.11	1.19	4.06	1.20
2.0	-15.0	2.13	1.04	2.07	1.05	2.02	1.06	2.00	1.07	1.97	1.07	1.92	1.08
	-10.0	2.55	1.09	2.50	1.10	2.44	1.11	2.42	1.12	2.39	1.12	2.34	1.13
	-5.0	2.97	1.14	2.92	1.15	2.87	1.16	2.84	1.17	2.82	1.17	2.76	1.18
	0.0	3.40	1.19	3.34	1.20	3.29	1.21	3.27	1.22	3.24	1.22	3.19	1.23
	6.0	3.90	1.25	3.85	1.26	3.80	1.27	3.77	1.28	3.75	1.28	3.70	1.29
	10.0	4.24	1.29	4.19	1.30	4.14	1.31	4.11	1.31	4.09	1.32	4.04	1.33
	15.0	4.67	1.34	4.61	1.35	4.56	1.36	4.54	1.36	4.51	1.37	4.46	1.38
2.5	-15.0	2.53	1.13	2.47	1.14	2.42	1.15	2.40	1.16	2.37	1.16	2.32	1.17
	-10.0	2.95	1.18	2.90	1.19	2.84	1.20	2.82	1.21	2.79	1.21	2.74	1.22
	-5.0	3.37	1.23	3.32	1.24	3.27	1.25	3.24	1.30	3.22	1.30	3.16	1.31
	0.0	3.80	1.28	3.74	1.29	3.69	1.30	3.67	1.31	3.64	1.31	3.59	1.32
	6.0	4.30	1.34	4.25	1.35	4.20	1.36	4.17	1.37	4.15	1.37	4.10	1.38
	10.0	4.64	1.38	4.59	1.39	4.54	1.40	4.51	1.40	4.49	1.41	4.44	1.42
	15.0	5.07	1.43	5.01	1.44	4.96	1.45	4.94	1.45	4.91	1.46	4.86	1.47
3.5	-15.0	2.65	1.42	2.58	1.43	2.51	1.45	2.48	1.46	2.45	1.46	2.38	1.48
	-10.0	3.19	1.49	3.12	1.50	3.06	1.52	3.03	1.53	2.99	1.53	2.93	1.55
	-5.0	3.74	1.56	3.67	1.57	3.60	1.59	3.57	1.60	3.54	1.60	3.47	1.62
	0.0	4.28	1.63	4.21	1.64	4.15	1.66	4.11	1.66	4.08	1.67	4.01	1.69
	6.0	4.93	1.71	4.87	1.72	4.80	1.74	4.77	1.75	4.73	1.76	4.67	1.77
	10.0	5.37	1.77	5.30	1.78	5.24	1.80	5.20	1.80	5.17	1.81	5.10	1.83
	15.0	5.91	1.83	5.85	1.85	5.78	1.86	5.75	1.87	5.71	1.88	5.65	1.89
4.2	-15.0	3.45	1.71	3.38	1.72	3.31	1.74	3.28	1.75	3.25	1.75	3.18	1.77
	-10.0	3.99	1.78	3.92	1.79	3.86	1.81	3.83	1.82	3.79	1.82	3.73	1.84
	-5.0	4.54	1.85	4.47	1.86	4.40	1.88	4.37	1.89	4.34	1.89	4.27	1.91
	0.0	5.08	1.92	5.01	1.93	4.95	1.95	4.91	1.95	4.88	1.96	4.81	1.98
	6.0	5.73	2.00	5.67	2.01	5.60	2.03	5.57	2.04	5.53	2.05	5.47	2.06
	10.0	6.17	2.06	6.10	2.07	6.04	2.09	6.00	2.09	5.97	2.10	5.90	2.12
	15.0	6.71	2.12	6.65	2.14	6.58	2.15	6.55	2.16	6.51	2.17	6.45	2.18
5.0	-15.0	3.77	2.09	3.67	2.11	3.58	2.13	3.53	2.14	3.49	2.16	3.39	2.18
	-10.0	4.53	2.19	4.44	2.22	4.35	2.24	4.30	2.25	4.25	2.26	4.16	2.29
	-5.0	5.30	2.30	5.21	2.32	5.11	2.35	5.07	2.36	5.02	2.37	4.93	2.39
	0.0	6.07	2.41	5.97	2.43	5.88	2.45	5.83	2.46	5.79	2.48	5.69	2.50
	6.0	6.99	2.53	6.89	2.56	6.80	2.58	6.75	2.59	6.71	2.60	6.61	2.63
	10.0	7.60	2.62	7.51	2.64	7.41	2.67	7.34	2.68	7.16	2.69	6.80	2.72
	15.0	8.23	2.63	7.87	2.66	7.51	2.69	7.44	2.70	7.26	2.71	6.90	2.74

①	②	Indoor air temperature [°C DB] 16°C TC	16°C PI	18°C TC	18°C PI	20°C TC	20°C PI	21°C TC	21°C PI	22°C TC	22°C PI	24°C TC	24°C PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5	-15.0	2.67	1.18	2.58	1.21	2.48	1.23	2.43	1.24	2.38	1.25	2.29	1.27
	-10.0	3.46	1.28	3.37	1.30	3.27	1.32	3.22	1.33	3.17	1.34	3.08	1.36
	-5.0	4.25	1.37	4.16	1.39	4.06	1.41	4.01	1.42	3.96	1.43	3.87	1.45
	0.0	5.04	1.47	4.95	1.49	4.85	1.51	4.80	1.52	4.75	1.53	4.66	1.55
	6.0	5.99	1.58	5.90	1.60	5.80	1.62	5.75	1.63	5.70	1.64	5.61	1.66
	10.0	6.63	1.65	6.53	1.67	6.43	1.70	6.38	1.71	6.34	1.72	6.24	1.74
	15.0	7.42	1.75	7.32	1.77	7.22	1.79	7.17	1.80	7.13	1.81	7.03	1.83
1.5+2.0	-15.0	2.67	1.16	2.58	1.19	2.48	1.21	2.43	1.22	2.38	1.23	2.29	1.25
	-10.0	3.46	1.26	3.37	1.28	3.27	1.30	3.22	1.31	3.17	1.32	3.08	1.34
	-5.0	4.25	1.35	4.16	1.37	4.06	1.39	4.01	1.40	3.96	1.41	3.87	1.43
	0.0	5.04	1.45	4.95	1.47	4.85	1.49	4.80	1.50	4.75	1.51	4.66	1.53
	6.0	5.99	1.56	5.90	1.58	5.80	1.60	5.75	1.61	5.70	1.62	5.61	1.64
	10.0	6.63	1.63	6.53	1.65	6.43	1.68	6.38	1.69	6.34	1.70	6.24	1.72
	15.0	7.42	1.73	7.32	1.75	7.22	1.77	7.17	1.78	7.13	1.79	7.03	1.81
1.5+2.5	-15.0	3.77	1.63	3.68	1.65	3.58	1.67	3.53	1.68	3.48	1.69	3.39	1.71
	-10.0	4.56	1.72	4.47	1.74	4.37	1.76	4.32	1.77	4.27	1.78	4.18	1.80
	-5.0	5.35	1.82	5.26	1.84	5.16	1.86	5.11	1.87	5.06	1.88	4.97	1.90
	0.0	6.14	1.91	6.05	1.93	5.95	1.95	5.90	1.96	5.85	1.97	5.76	1.99
	6.0	7.09	2.02	7.00	2.04	6.90	2.06	6.85	2.07	6.80	2.08	6.71	2.10
	10.0	7.73	2.09	7.63	2.11	7.53	2.13	7.48	2.14	7.44	2.15	7.34	2.17
	15.0	8.52	2.19	8.42	2.21	8.32	2.23	8.27	2.24	8.23	2.25	8.13	2.27
1.5+3.5	-15.0	3.86	1.81	3.76	1.84	3.66	1.86	3.61	1.87	3.56	1.88	3.47	1.90
	-10.0	4.65	1.91	4.55	1.93	4.46	1.95	4.41	1.96	4.36	1.97	4.26	1.99
	-5.0	5.45	2.00	5.35	2.02	5.25	2.04	5.20	2.05	5.15	2.06	5.06	2.08
	0.0	6.24	2.10	6.14	2.12	6.05	2.14	6.00	2.15	5.95	2.16	5.85	2.18
	6.0	7.19	2.21	7.10	2.23	7.00	2.25	6.95	2.26	6.90	2.27	6.81	2.29
	10.0	7.83	2.28	7.73	2.30	7.64	2.33	7.59	2.34	7.54	2.35	7.44	2.37
	15.0	8.63	2.38	8.53	2.40	8.43	2.42	8.38	2.43	8.33	2.44	8.24	2.46
1.5+4.2	-15.0	3.86	1.79	3.76	1.82	3.66	1.84	3.61	1.85	3.56	1.86	3.47	1.88
	-10.0	4.65	1.89	4.55	1.91	4.46	1.93	4.41	1.94	4.36	1.95	4.26	1.97
	-5.0	5.45	1.98	5.35	2.00	5.25	2.02	5.20	2.03	5.15	2.04	5.06	2.06
	0.0	6.24	2.08	6.14	2.10	6.05	2.12	6.00	2.13	5.95	2.14	5.85	2.16
	6.0	7.19	2.19	7.10	2.21	7.00	2.23	6.95	2.24	6.90	2.25	6.81	2.27
	10.0	7.83	2.26	7.73	2.28	7.64	2.31	7.59	2.32	7.54	2.33	7.44	2.35
	15.0	8.63	2.36	8.53	2.38	8.43	2.40	8.38	2.41	8.33	2.42	8.24	2.44
1.5+5.0	-15.0	3.98	1.86	3.88	1.88	3.79	1.90	3.74	1.91	3.69	1.92	3.59	1.94
	-10.0	4.80	1.95	4.70	1.97	4.60	1.99	4.55	2.00	4.50	2.02	4.40	2.04
	-5.0	5.61	2.05	5.51	2.07	5.41	2.09	5.36	2.10	5.31	2.11	5.21	2.13
	0.0	6.42	2.14	6.32	2.16	6.22	2.19	6.17	2.20	6.12	2.21	6.03	2.23
	6.0	7.40	2.26	7.30	2.28	7.20	2.30	7.15	2.31	7.10	2.32	7.00	2.34
	10.0	8.05	2.33	7.95	2.36	7.85	2.38	7.80	2.39	7.75	2.40	7.65	2.42
	15.0	8.86	2.43	8.76	2.45	8.66	2.47	8.61	2.48	8.56	2.49	8.46	2.51

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   ·1.5, 2.0, 2.5, 3.5, 4.2, 5.0· kW class
   Wall-mountend ·CTXM-M, FTXM-M· series

Symbols

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

3D105331A

4MWXM-A

Heating · (50Hz 230V)·

①	②	Indoor air temperature [°C DB] 16°C TC	16°C PI	18°C TC	18°C PI	20°C TC	20°C PI	21°C TC	21°C PI	22°C TC	22°C PI	24°C TC	24°C PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0	-15.0	3.87	1.82	3.78	1.85	3.68	1.87	3.63	1.88	3.58	1.89	3.49	1.91
	-10.0	4.66	1.92	4.57	1.94	4.47	1.96	4.42	1.97	4.37	1.98	4.28	2.00
	-5.0	5.45	2.01	5.36	2.03	5.26	2.05	5.21	2.06	5.16	2.07	5.07	2.09
	0.0	6.24	2.11	6.15	2.13	6.05	2.15	6.00	2.16	5.95	2.17	5.86	2.19
	6.0	7.19	2.22	7.10	2.24	7.00	2.26	6.95	2.27	6.90	2.28	6.81	2.30
	10.0	7.83	2.29	7.73	2.31	7.63	2.34	7.58	2.35	7.54	2.36	7.44	2.38
	15.0	8.62	2.39	8.52	2.41	8.42	2.43	8.37	2.44	8.33	2.45	8.23	2.47
2.0+2.5	-15.0	3.87	1.81	3.78	1.84	3.68	1.86	3.63	1.87	3.58	1.88	3.49	1.90
	-10.0	4.66	1.91	4.57	1.93	4.47	1.95	4.42	1.96	4.37	1.97	4.28	1.99
	-5.0	5.45	2.00	5.36	2.02	5.26	2.04	5.21	2.05	5.16	2.06	5.07	2.08
	0.0	6.24	2.10	6.15	2.12	6.05	2.14	6.00	2.15	5.95	2.16	5.86	2.18
	6.0	7.19	2.21	7.10	2.23	7.00	2.25	6.95	2.26	6.90	2.27	6.81	2.29
	10.0	7.83	2.28	7.73	2.30	7.63	2.33	7.58	2.34	7.54	2.35	7.44	2.37
	15.0	8.62	2.38	8.52	2.40	8.42	2.42	8.37	2.43	8.33	2.44	8.23	2.46
2.0+3.5	-15.0	3.96	1.82	3.86	1.85	3.76	1.87	3.71	1.88	3.66	1.89	3.57	1.91
	-10.0	4.75	1.92	4.65	1.94	4.56	1.96	4.51	1.97	4.46	1.98	4.36	2.00
	-5.0	5.55	2.01	5.45	2.03	5.35	2.05	5.30	2.06	5.25	2.07	5.16	2.09
	0.0	6.34	2.11	6.24	2.13	6.15	2.15	6.10	2.16	6.05	2.17	5.95	2.19
	6.0	7.29	2.22	7.20	2.24	7.10	2.26	7.05	2.27	7.00	2.28	6.91	2.30
	10.0	7.93	2.29	7.83	2.31	7.74	2.34	7.69	2.35	7.64	2.36	7.54	2.38
	15.0	8.73	2.39	8.63	2.41	8.53	2.43	8.48	2.44	8.43	2.45	8.34	2.47
2.0+4.2	-15.0	3.96	1.80	3.86	1.83	3.76	1.85	3.71	1.86	3.66	1.87	3.57	1.89
	-10.0	4.75	1.90	4.65	1.92	4.56	1.94	4.51	1.95	4.46	1.96	4.36	1.98
	-5.0	5.55	1.99	5.45	2.01	5.35	2.03	5.30	2.04	5.25	2.05	5.16	2.07
	0.0	6.34	2.09	6.24	2.11	6.15	2.13	6.10	2.14	6.05	2.15	5.95	2.17
	6.0	7.29	2.20	7.20	2.22	7.10	2.24	7.05	2.25	7.00	2.26	6.91	2.28
	10.0	7.93	2.27	7.83	2.29	7.74	2.32	7.69	2.33	7.64	2.34	7.54	2.36
	15.0	8.73	2.37	8.63	2.39	8.53	2.41	8.48	2.42	8.43	2.43	8.34	2.45
2.0+5.0	-15.0	4.02	1.84	3.92	1.86	3.81	1.88	3.76	1.89	3.71	1.90	3.61	1.92
	-10.0	4.85	1.93	4.75	1.95	4.64	1.97	4.59	1.98	4.54	2.00	4.44	2.02
	-5.0	5.58	2.03	5.48	2.05	5.37	2.07	5.32	2.08	5.27	2.09	5.17	2.11
	0.0	6.41	2.12	6.31	2.14	6.20	2.17	6.15	2.18	6.10	2.19	6.00	2.21
	6.0	7.40	2.24	7.30	2.26	7.20	2.28	7.15	2.29	7.10	2.30	7.00	2.32
	10.0	8.07	2.31	7.97	2.34	7.86	2.36	7.81	2.37	7.76	2.38	7.66	2.40
	15.0	8.90	2.41	8.80	2.43	8.69	2.45	8.64	2.46	8.59	2.47	8.49	2.49
2.5+2.5	-15.0	3.87	1.79	3.78	1.82	3.68	1.84	3.63	1.85	3.58	1.86	3.49	1.88
	-10.0	4.66	1.89	4.57	1.91	4.47	1.93	4.42	1.94	4.37	1.95	4.28	1.97
	-5.0	5.45	1.98	5.36	2.00	5.26	2.02	5.21	2.03	5.16	2.04	5.07	2.06
	0.0	6.24	2.08	6.15	2.10	6.05	2.12	6.00	2.13	5.95	2.14	5.86	2.16
	6.0	7.19	2.19	7.10	2.21	7.00	2.23	6.95	2.24	6.90	2.25	6.81	2.27
	10.0	7.83	2.26	7.73	2.28	7.63	2.31	7.58	2.32	7.54	2.33	7.44	2.35
	15.0	8.62	2.36	8.52	2.38	8.42	2.40	8.37	2.41	8.33	2.42	8.23	2.44

①	②	Indoor air temperature [°C DB] 16°C TC	16°C PI	18°C TC	18°C PI	20°C TC	20°C PI	21°C TC	21°C PI	22°C TC	22°C PI	24°C TC	24°C PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.5+3.5	-15.0	4.06	1.91	3.96	1.94	3.86	1.96	3.81	1.97	3.76	1.98	3.67	2.00
	-10.0	4.85	2.01	4.75	2.03	4.66	2.05	4.61	2.06	4.56	2.07	4.46	2.09
	-5.0	5.65	2.10	5.55	2.12	5.45	2.14	5.40	2.15	5.35	2.16	5.26	2.18
	0.0	6.44	2.20	6.34	2.22	6.25	2.24	6.20	2.25	6.15	2.26	6.05	2.28
	6.0	7.39	2.31	7.30	2.33	7.20	2.35	7.15	2.36	7.10	2.37	7.01	2.39
	10.0	8.03	2.38	7.93	2.40	7.84	2.43	7.79	2.44	7.74	2.45	7.64	2.47
	15.0	8.83	2.48	8.73	2.50	8.63	2.52	8.58	2.53	8.53	2.54	8.44	2.56
2.5+4.2	-15.0	4.06	1.89	3.96	1.92	3.86	1.94	3.81	1.95	3.76	1.96	3.67	1.98
	-10.0	4.85	1.99	4.75	2.01	4.66	2.03	4.61	2.04	4.56	2.05	4.46	2.07
	-5.0	5.65	2.08	5.55	2.10	5.45	2.12	5.40	2.13	5.35	2.14	5.26	2.16
	0.0	6.44	2.18	6.34	2.20	6.25	2.22	6.20	2.23	6.15	2.24	6.05	2.26
	6.0	7.39	2.29	7.30	2.31	7.20	2.33	7.15	2.34	7.10	2.35	7.01	2.37
	10.0	8.03	2.36	7.93	2.38	7.84	2.41	7.79	2.42	7.74	2.43	7.64	2.45
	15.0	8.83	2.46	8.73	2.48	8.63	2.50	8.58	2.51	8.53	2.52	8.44	2.54
2.5+5.0	-15.0	4.18	1.89	4.08	1.92	3.99	1.94	3.94	1.95	3.89	1.96	3.79	1.98
	-10.0	5.00	1.99	4.90	2.01	4.80	2.03	4.75	2.04	4.70	2.05	4.60	2.07
	-5.0	5.81	2.08	5.71	2.10	5.61	2.12	5.56	2.13	5.51	2.14	5.41	2.16
	0.0	6.62	2.18	6.52	2.20	6.42	2.22	6.37	2.23	6.32	2.24	6.23	2.26
	6.0	7.60	2.29	7.50	2.31	7.40	2.33	7.35	2.34	7.30	2.35	7.20	2.37
	10.0	8.25	2.36	8.15	2.39	8.05	2.41	8.00	2.42	7.95	2.43	7.85	2.45
	15.0	9.06	2.46	8.96	2.48	8.86	2.50	8.81	2.51	8.76	2.52	8.66	2.54
3.5+3.5	-15.0	4.08	1.93	3.98	1.95	3.88	1.97	3.83	1.98	3.78	1.99	3.68	2.02
	-10.0	4.89	2.03	4.79	2.05	4.69	2.07	4.64	2.08	4.59	2.09	4.49	2.11
	-5.0	5.71	2.12	5.61	2.15	5.51	2.17	5.46	2.18	5.41	2.19	5.31	2.21
	0.0	6.52	2.22	6.42	2.24	6.32	2.26	6.27	2.27	6.22	2.29	6.12	2.31
	6.0	7.50	2.34	7.40	2.36	7.30	2.38	7.25	2.39	7.20	2.40	7.10	2.42
	10.0	8.15	2.42	8.05	2.44	7.95	2.46	7.90	2.47	7.85	2.48	7.75	2.50
	15.0	8.97	2.51	8.87	2.53	8.77	2.55	8.72	2.56	8.67	2.58	8.57	2.60
3.5+4.2	-15.0	4.08	1.91	3.98	1.93	3.88	1.95	3.83	1.96	3.78	1.97	3.68	2.00
	-10.0	4.89	2.01	4.79	2.03	4.69	2.05	4.64	2.06	4.59	2.07	4.49	2.09
	-5.0	5.71	2.10	5.61	2.13	5.51	2.15	5.46	2.16	5.41	2.17	5.31	2.19
	0.0	6.52	2.20	6.42	2.22	6.32	2.24	6.27	2.25	6.22	2.27	6.12	2.29
	6.0	7.50	2.32	7.40	2.34	7.30	2.36	7.25	2.37	7.20	2.38	7.10	2.40
	10.0	8.15	2.40	8.05	2.42	7.95	2.44	7.90	2.45	7.85	2.46	7.75	2.48
	15.0	8.97	2.49	8.87	2.51	8.77	2.53	8.72	2.54	8.67	2.56	8.57	2.58
3.5+5.0	-15.0	4.15	1.86	4.05	1.88	3.94	1.90	3.89	1.91	3.84	1.92	3.74	1.94
	-10.0	5.00	1.95	4.89	1.97	4.79	2.00	4.74	2.01	4.69	2.02	4.58	2.04
	-5.0	5.84	2.05	5.74	2.07	5.64	2.09	5.59	2.10	5.53	2.11	5.43	2.13
	0.0	6.69	2.14	6.59	2.17	6.48	2.19	6.43	2.20	6.38	2.21	6.28	2.23
	6.0	7.71	2.26	7.60	2.28	7.50	2.30	7.45	2.31	7.40	2.32	7.29	2.34
	10.0	8.38	2.33	8.28	2.36	8.18	2.38	8.13	2.39	8.07	2.40	7.97	2.42
	15.0	9.23	2.43	9.13	2.45	9.02	2.47	8.97	2.48	8.92	2.49	8.82	2.51

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   ·2.0, 2.5, 3.5, 4.2, 5.0· kW class
   Wall-mountend · FTXM-M· series

Symbols

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

3D105332A

6 Capacity tables

6 - 2 Heating Capacity Tables

4MWXM-A

Heating · (50Hz 230V)·

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
4.2+4.2	-15.0	4.08	190	3.98	192	3.88	194	3.83	195	3.78	196	3.68	199
	-10.0	4.89	2.00	4.79	2.02	4.69	2.04	4.64	2.05	4.59	2.06	4.49	2.08
	-5.0	5.71	2.09	5.61	2.12	5.51	2.14	5.46	2.15	5.41	2.16	5.31	2.18
	0.0	6.52	2.19	6.42	2.21	6.32	2.23	6.27	2.24	6.22	2.26	6.12	2.28
	6.0	7.50	2.31	7.40	2.33	7.30	2.35	7.25	2.36	7.20	2.37	7.10	2.39
	10.0	8.15	2.39	8.05	2.41	7.95	2.43	7.90	2.44	7.85	2.45	7.75	2.47
	15.0	8.97	2.48	8.87	2.50	8.77	2.52	8.72	2.53	8.67	2.55	8.57	2.57
1.5+1.5+1.5	-15.0	4.42	171	4.31	173	4.20	175	4.14	176	4.09	177	3.97	179
	-10.0	5.32	180	5.21	182	5.10	184	5.05	185	4.99	186	4.88	188
	-5.0	6.23	189	6.12	191	6.01	193	5.95	194	5.90	195	5.79	196
	0.0	7.13	198	7.02	199	6.91	2.01	6.86	2.02	6.80	2.03	6.69	2.05
	6.0	8.22	2.08	8.11	2.10	8.00	2.12	7.94	2.13	7.89	2.14	7.78	2.16
	10.0	8.95	2.16	8.84	2.17	8.72	2.19	8.67	2.20	8.61	2.21	8.50	2.23
	15.0	9.85	2.24	9.74	2.26	9.63	2.28	9.57	2.29	9.52	2.30	9.41	2.32
1.5+1.5+2.0	-15.0	4.42	169	4.31	171	4.20	173	4.14	174	4.09	175	3.97	177
	-10.0	5.32	178	5.21	180	5.10	182	5.05	183	4.99	184	4.88	186
	-5.0	6.23	187	6.12	189	6.01	191	5.95	192	5.90	193	5.79	194
	0.0	7.13	196	7.02	197	6.91	199	6.86	2.00	6.80	2.01	6.69	2.03
	6.0	8.22	2.06	8.11	2.08	8.00	2.10	7.94	2.11	7.89	2.12	7.78	2.14
	10.0	8.95	2.13	8.84	2.15	8.72	2.17	8.67	2.18	8.61	2.19	8.50	2.21
	15.0	9.85	2.22	9.74	2.24	9.63	2.26	9.57	2.27	9.52	2.28	9.41	2.30
1.5+1.5+2.5	-15.0	4.42	167	4.31	169	4.20	171	4.14	172	4.09	173	3.97	175
	-10.0	5.32	176	5.21	178	5.10	180	5.05	181	4.99	182	4.88	184
	-5.0	6.23	185	6.12	187	6.01	189	5.95	190	5.90	191	5.79	192
	0.0	7.13	194	7.02	195	6.91	197	6.86	198	6.80	199	6.69	2.01
	6.0	8.22	2.04	8.11	2.06	8.00	2.08	7.94	2.09	7.89	2.10	7.78	2.12
	10.0	8.95	2.11	8.84	2.13	8.72	2.15	8.67	2.16	8.61	2.17	8.50	2.19
	15.0	9.85	2.20	9.74	2.22	9.63	2.24	9.57	2.25	9.52	2.26	9.41	2.28
1.5+1.5+3.5	-15.0	4.50	172	4.39	174	4.28	176	4.23	177	4.17	178	4.06	180
	-10.0	5.41	181	5.30	183	5.19	185	5.14	186	5.08	187	4.97	189
	-5.0	6.32	190	6.21	192	6.10	194	6.04	195	5.99	196	5.88	197
	0.0	7.23	199	7.12	2.00	7.01	2.02	6.95	2.03	6.90	2.04	6.79	2.06
	6.0	8.32	2.09	8.21	2.11	8.10	2.13	8.04	2.14	7.99	2.15	7.88	2.17
	10.0	9.05	2.16	8.94	2.18	8.83	2.20	8.77	2.21	8.72	2.22	8.60	2.24
	15.0	9.96	2.25	9.85	2.27	9.74	2.29	9.68	2.30	9.63	2.31	9.51	2.33
1.5+1.5+4.2	-15.0	4.50	170	4.39	172	4.28	174	4.23	175	4.17	176	4.06	178
	-10.0	5.41	179	5.30	181	5.19	183	5.14	184	5.08	185	4.97	187
	-5.0	6.32	188	6.21	190	6.10	192	6.04	193	5.99	194	5.88	195
	0.0	7.23	197	7.12	198	7.01	2.00	6.95	2.01	6.90	2.02	6.79	2.04
	6.0	8.32	2.07	8.21	2.09	8.10	2.11	8.04	2.12	7.99	2.13	7.88	2.15
	10.0	9.05	2.14	8.94	2.16	8.83	2.18	8.77	2.19	8.72	2.20	8.60	2.22
	15.0	9.96	2.23	9.85	2.25	9.74	2.27	9.68	2.28	9.63	2.29	9.51	2.31

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+1.5+5.0	-15.0	4.61	169	4.49	171	4.38	173	4.32	173	4.26	174	4.15	176
	-10.0	5.54	177	5.43	179	5.31	181	5.25	182	5.20	183	5.08	185
	-5.0	6.47	186	6.36	188	6.25	190	6.19	191	6.13	192	6.02	194
	0.0	7.41	195	7.29	197	7.18	199	7.12	2.00	7.07	2.00	6.95	2.02
	6.0	8.53	2.05	8.41	2.07	8.30	2.09	8.24	2.10	8.19	2.11	8.07	2.13
	10.0	9.28	2.12	9.16	2.14	9.05	2.16	8.99	2.17	8.93	2.18	8.82	2.20
	15.0	10.21	2.21	10.10	2.23	9.98	2.25	9.92	2.26	9.87	2.27	9.75	2.28
1.5+2.0+2.0	-15.0	4.42	173	4.31	175	4.20	177	4.14	178	4.09	179	3.97	181
	-10.0	5.32	182	5.21	184	5.10	186	5.05	187	4.99	188	4.88	190
	-5.0	6.23	191	6.12	193	6.01	195	5.95	196	5.90	197	5.79	198
	0.0	7.13	2.00	7.02	2.01	6.91	2.03	6.86	2.04	6.80	2.05	6.69	2.07
	6.0	8.22	2.10	8.11	2.12	8.00	2.14	7.94	2.15	7.89	2.16	7.78	2.18
	10.0	8.95	2.17	8.84	2.19	8.72	2.21	8.67	2.22	8.61	2.23	8.50	2.25
	15.0	9.85	2.26	9.74	2.28	9.63	2.30	9.57	2.31	9.52	2.32	9.41	2.34
1.5+2.0+2.5	-15.0	4.42	171	4.31	173	4.20	175	4.14	176	4.09	177	3.97	179
	-10.0	5.32	180	5.21	182	5.10	184	5.05	185	4.99	186	4.88	188
	-5.0	6.23	189	6.12	191	6.01	193	5.95	194	5.90	195	5.79	196
	0.0	7.13	198	7.02	199	6.91	2.01	6.86	2.02	6.80	2.03	6.69	2.05
	6.0	8.22	2.08	8.11	2.10	8.00	2.12	7.94	2.13	7.89	2.14	7.78	2.16
	10.0	8.95	2.15	8.84	2.17	8.72	2.19	8.67	2.20	8.61	2.21	8.50	2.23
	15.0	9.85	2.24	9.74	2.26	9.63	2.28	9.57	2.29	9.52	2.30	9.41	2.32
1.5+2.0+3.5	-15.0	4.50	175	4.39	177	4.28	179	4.23	180	4.17	181	4.06	183
	-10.0	5.41	184	5.30	186	5.19	188	5.14	189	5.08	190	4.97	192
	-5.0	6.32	193	6.21	195	6.10	197	6.04	198	5.99	199	5.88	2.00
	0.0	7.23	2.02	7.12	2.03	7.01	2.05	6.95	2.06	6.90	2.07	6.79	2.09
	6.0	8.32	2.12	8.21	2.14	8.10	2.16	8.04	2.17	7.99	2.18	7.88	2.20
	10.0	9.05	2.19	8.94	2.21	8.83	2.23	8.77	2.24	8.72	2.25	8.60	2.27
	15.0	9.96	2.28	9.85	2.30	9.74	2.32	9.68	2.33	9.63	2.34	9.51	2.36
1.5+2.0+4.2	-15.0	4.50	173	4.39	175	4.28	177	4.23	178	4.17	179	4.06	181
	-10.0	5.41	182	5.30	184	5.19	186	5.14	187	5.08	188	4.97	190
	-5.0	6.32	191	6.21	193	6.10	195	6.04	196	5.99	197	5.88	198
	0.0	7.23	2.00	7.12	2.01	7.01	2.03	6.95	2.04	6.90	2.05	6.79	2.07
	6.0	8.32	2.10	8.21	2.12	8.10	2.14	8.04	2.15	7.99	2.16	7.88	2.18
	10.0	9.05	2.17	8.94	2.19	8.83	2.21	8.77	2.22	8.72	2.23	8.60	2.25
	15.0	9.96	2.26	9.85	2.28	9.74	2.30	9.68	2.31	9.63	2.32	9.51	2.34
1.5+2.0+5.0	-15.0	4.61	167	4.49	169	4.38	171	4.32	171	4.26	172	4.15	174
	-10.0	5.54	175	5.43	177	5.31	179	5.25	180	5.20	181	5.08	183
	-5.0	6.47	184	6.36	186	6.25	188	6.19	189	6.13	190	6.02	192
	0.0	7.41	193	7.29	195	7.18	197	7.12	198	7.07	198	6.95	2.00
	6.0	8.53	2.03	8.41	2.05	8.30	2.07	8.24	2.08	8.19	2.09	8.07	2.11
	10.0	9.28	2.10	9.16	2.12	9.05	2.14	8.99	2.15	8.93	2.16	8.82	2.18
	15.0	10.21	2.19	10.10	2.21	9.98	2.23	9.92	2.24	9.87	2.25	9.75	2.26

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   ·1.5, 2.0, 2.5, 3.5, 4.2, 5.0· kW class
   Wall-mountend ·CTXM-M, FTXM-M· series
4. Editable data for this drawing are available in ·GDE· system.

Symbols

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

3D105333

4MWXM-A

Heating · (50Hz 230V)·

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
1.5+2.5+2.5	-15.0	4.78	1.67	4.68	1.69	4.58	1.71	4.53	1.72	4.48	1.73	4.38	1.76
	-10.0	5.59	1.77	5.49	1.79	5.39	1.81	5.34	1.82	5.29	1.83	5.19	1.85
	-5.0	6.41	1.86	6.31	1.89	6.21	1.91	6.16	1.92	6.11	1.93	6.01	1.95
	0.0	7.22	1.96	7.12	1.98	7.02	2.00	6.97	2.01	6.92	2.03	6.82	2.05
	6.0	8.20	2.08	8.10	2.10	8.00	2.12	7.95	2.13	7.90	2.14	7.80	2.16
	10.0	8.85	2.16	8.75	2.18	8.65	2.20	8.60	2.21	8.55	2.22	8.45	2.24
	15.0	9.67	2.25	9.57	2.27	9.47	2.29	9.42	2.30	9.37	2.32	9.27	2.34
1.5+2.5+3.5	-15.0	4.88	1.72	4.78	1.74	4.68	1.76	4.63	1.77	4.58	1.78	4.48	1.80
	-10.0	5.69	1.81	5.59	1.83	5.49	1.85	5.44	1.86	5.39	1.87	5.29	1.89
	-5.0	6.51	1.90	6.41	1.92	6.31	1.94	6.26	1.95	6.21	1.96	6.11	1.97
	0.0	7.23	1.99	7.12	2.00	7.12	2.02	7.07	2.03	7.02	2.04	6.92	2.06
	6.0	8.32	2.09	8.21	2.11	8.10	2.13	8.04	2.14	7.99	2.15	7.88	2.17
	10.0	9.05	2.16	8.94	2.18	8.82	2.20	8.77	2.21	8.71	2.22	8.60	2.24
	15.0	9.95	2.25	9.84	2.27	9.73	2.29	9.67	2.30	9.62	2.32	9.51	2.34
1.5+2.5+4.2	-15.0	4.88	1.70	4.78	1.72	4.68	1.74	4.63	1.75	4.58	1.76	4.48	1.78
	-10.0	5.69	1.79	5.59	1.81	5.49	1.83	5.44	1.84	5.39	1.85	5.29	1.87
	-5.0	6.51	1.88	6.41	1.90	6.31	1.92	6.26	1.93	6.21	1.94	6.11	1.95
	0.0	7.23	1.97	7.12	1.98	7.12	2.00	7.07	2.01	7.02	2.02	6.92	2.04
	6.0	8.32	2.07	8.21	2.09	8.10	2.11	8.04	2.12	7.99	2.13	7.88	2.15
	10.0	9.05	2.14	8.94	2.16	8.82	2.18	8.77	2.19	8.71	2.20	8.60	2.22
	15.0	9.95	2.23	9.84	2.25	9.73	2.27	9.67	2.28	9.62	2.29	9.51	2.31
1.5+2.5+5.0	-15.0	4.98	1.68	4.88	1.70	4.78	1.72	4.73	1.73	4.68	1.74	4.58	1.76
	-10.0	5.79	1.77	5.69	1.79	5.59	1.81	5.54	1.82	5.49	1.83	5.39	1.85
	-5.0	6.61	1.86	6.51	1.88	6.41	1.90	6.36	1.91	6.31	1.92	6.21	1.93
	0.0	7.43	1.95	7.32	1.96	7.21	1.98	7.16	1.99	7.10	2.00	6.99	2.02
	6.0	8.52	2.05	8.41	2.07	8.30	2.09	8.24	2.10	8.19	2.11	8.08	2.13
	10.0	9.25	2.12	9.14	2.14	9.02	2.16	8.97	2.17	8.91	2.18	8.80	2.20
	15.0	10.15	2.21	10.04	2.23	9.93	2.25	9.87	2.26	9.82	2.27	9.71	2.29
1.5+3.5+3.5	-15.0	4.60	1.73	4.49	1.75	4.38	1.77	4.33	1.78	4.27	1.79	4.16	1.81
	-10.0	5.51	1.82	5.40	1.84	5.29	1.86	5.24	1.87	5.18	1.88	5.07	1.90
	-5.0	6.42	1.91	6.31	1.93	6.20	1.95	6.14	1.96	6.09	1.97	5.98	1.98
	0.0	7.33	2.00	7.22	2.01	7.11	2.03	7.05	2.04	7.00	2.05	6.89	2.07
	6.0	8.42	2.10	8.31	2.12	8.20	2.14	8.14	2.15	8.09	2.16	7.98	2.18
	10.0	9.15	2.17	9.04	2.19	8.93	2.21	8.87	2.22	8.82	2.23	8.70	2.25
	15.0	10.06	2.26	9.95	2.28	9.84	2.30	9.78	2.31	9.73	2.32	9.61	2.34
2.0+2.0+2.0	-15.0	4.40	1.72	4.29	1.74	4.18	1.76	4.13	1.77	4.07	1.78	3.96	1.80
	-10.0	5.31	1.81	5.20	1.83	5.09	1.85	5.04	1.86	4.98	1.87	4.87	1.89
	-5.0	6.22	1.90	6.11	1.92	6.00	1.94	5.94	1.95	5.89	1.96	5.78	1.97
	0.0	7.13	1.99	7.02	2.00	6.91	2.02	6.85	2.03	6.80	2.04	6.69	2.06
	6.0	8.22	2.09	8.11	2.11	8.00	2.13	7.94	2.14	7.89	2.15	7.78	2.17
	10.0	8.95	2.16	8.84	2.18	8.73	2.20	8.67	2.21	8.62	2.22	8.50	2.24
	15.0	9.86	2.25	9.75	2.27	9.64	2.29	9.58	2.30	9.53	2.31	9.41	2.33

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.0+2.5	-15.0	4.40	1.71	4.29	1.73	4.18	1.75	4.13	1.75	4.07	1.76	3.96	1.78
	-10.0	5.31	1.79	5.20	1.81	5.09	1.83	5.04	1.84	4.98	1.85	4.87	1.87
	-5.0	6.22	1.88	6.11	1.90	6.00	1.92	5.94	1.93	5.89	1.94	5.78	1.96
	0.0	7.13	1.97	7.02	1.99	6.91	2.01	6.85	2.02	6.80	2.02	6.69	2.04
	6.0	8.23	2.07	8.11	2.09	8.00	2.11	7.94	2.12	7.89	2.13	7.78	2.15
	10.0	8.98	2.14	8.86	2.16	8.75	2.18	8.69	2.19	8.63	2.20	8.52	2.22
	15.0	9.91	2.23	9.80	2.25	9.68	2.27	9.62	2.28	9.57	2.29	9.45	2.30
2.0+2.0+3.5	-15.0	4.52	1.71	4.41	1.73	4.30	1.75	4.24	1.76	4.19	1.77	4.07	1.79
	-10.0	5.42	1.80	5.31	1.82	5.20	1.84	5.15	1.85	5.09	1.86	4.98	1.88
	-5.0	6.33	1.89	6.22	1.91	6.11	1.93	6.05	1.94	6.00	1.95	5.89	1.96
	0.0	7.23	1.98	7.12	1.99	7.01	2.01	6.96	2.02	6.90	2.03	6.79	2.05
	6.0	8.32	2.08	8.21	2.10	8.10	2.12	8.04	2.13	7.99	2.14	7.88	2.16
	10.0	9.05	2.15	8.94	2.17	8.82	2.19	8.77	2.20	8.71	2.21	8.60	2.23
	15.0	9.95	2.24	9.84	2.26	9.73	2.28	9.67	2.29	9.62	2.30	9.51	2.32
2.0+2.0+4.2	-15.0	4.52	1.69	4.41	1.71	4.30	1.73	4.24	1.74	4.19	1.75	4.07	1.77
	-10.0	5.42	1.78	5.31	1.80	5.20	1.82	5.15	1.83	5.09	1.84	4.98	1.86
	-5.0	6.33	1.87	6.22	1.89	6.11	1.91	6.05	1.92	6.00	1.93	5.89	1.94
	0.0	7.23	1.96	7.12	1.97	7.01	1.99	6.96	2.00	6.90	2.01	6.79	2.03
	6.0	8.32	2.06	8.21	2.08	8.10	2.10	8.04	2.11	7.99	2.12	7.88	2.14
	10.0	9.05	2.13	8.94	2.15	8.82	2.17	8.77	2.18	8.71	2.19	8.60	2.21
	15.0	9.95	2.22	9.84	2.24	9.73	2.26	9.67	2.27	9.62	2.28	9.51	2.30
2.0+2.0+5.0	-15.0	4.70	1.67	4.59	1.69	4.48	1.71	4.43	1.72	4.37	1.73	4.26	1.75
	-10.0	5.61	1.76	5.50	1.78	5.39	1.80	5.34	1.81	5.28	1.82	5.17	1.84
	-5.0	6.52	1.85	6.41	1.87	6.30	1.89	6.24	1.90	6.19	1.91	6.08	1.92
	0.0	7.43	1.94	7.32	1.95	7.21	1.97	7.15	1.98	7.10	1.99	6.99	2.01
	6.0	8.52	2.04	8.41	2.06	8.30	2.08	8.24	2.09	8.19	2.10	8.08	2.12
	10.0	9.25	2.11	9.14	2.13	9.03	2.15	8.97	2.16	8.92	2.17	8.80	2.19
	15.0	10.16	2.20	10.05	2.22	9.94	2.24	9.88	2.25	9.83	2.26	9.71	2.28
2.0+2.5+2.5	-15.0	4.40	1.68	4.29	1.70	4.18	1.72	4.13	1.73	4.07	1.74	3.96	1.76
	-10.0	5.31	1.77	5.20	1.79	5.09	1.81	5.04	1.82	4.98	1.83	4.87	1.85
	-5.0	6.22	1.86	6.11	1.88	6.00	1.90	5.94	1.91	5.89	1.92	5.78	1.93
	0.0	7.13	1.95	7.02	1.96	6.91	1.98	6.85	1.99	6.80	2.00	6.69	2.02
	6.0	8.22	2.05	8.11	2.07	8.00	2.09	7.94	2.10	7.89	2.11	7.78	2.13
	10.0	8.95	2.12	8.84	2.14	8.73	2.16	8.67	2.17	8.62	2.18	8.50	2.20
	15.0	9.86	2.21	9.75	2.23	9.64	2.25	9.58	2.26	9.53	2.27	9.41	2.29
2.0+2.5+3.5	-15.0	4.41	1.71	4.29	1.73	4.18	1.75	4.18	1.75	4.12	1.76	4.01	1.78
	-10.0	5.34	1.79	5.23	1.81	5.11	1.83	5.05	1.84	5.00	1.85	4.88	1.87
	-5.0	6.27	1.88	6.16	1.90	6.05	1.92	5.99	1.93	5.93	1.94	5.82	1.96
	0.0	7.21	1.97	7.09	1.99	6.98	2.01	6.92	2.02	6.87	2.02	6.75	2.04
	6.0	8.33	2.07	8.21	2.09	8.10	2.11	8.04	2.12	7.99	2.13	7.87	2.15
	10.0	9.08	2.14	8.96	2.16	8.85	2.18	8.79	2.19	8.73	2.20	8.62	2.22
	15.0	10.01	2.23	9.90	2.25	9.78	2.27	9.72	2.28	9.67	2.29	9.55	2.30

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: ·5·m
   Level difference: ·0·m
2. The bold cells indicate the standard conditios.
3. The values above are for connecting with the following indoor unit types:
   ·1.5, 2.0, 2.5, 3.5, 4.2, 5.0· kW class
   Wall-mountend ·CTXM-M, FTXM-M· series

Symbols

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

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6 Capacity tables

6 - 2 Heating Capacity Tables

4MWXM-A

Heating (50Hz 230V)

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
2.0+2.5+4.2	-15.0	4.50	1.71	4.39	1.73	4.28	1.75	4.23	1.75	4.17	1.76	4.06	1.78
	-10.0	5.41	1.79	5.30	1.81	5.19	1.83	5.14	1.84	5.08	1.85	4.97	1.87
	-5.0	6.32	1.88	6.21	1.90	6.10	1.92	6.04	1.93	5.99	1.94	5.88	1.96
	0.0	7.23	1.97	7.12	1.99	7.01	2.01	6.95	2.02	6.90	2.02	6.79	2.04
	6.0	8.38	2.07	8.21	2.09	8.10	2.11	8.04	2.12	7.99	2.13	7.88	2.15
	10.0	9.13	2.14	9.01	2.16	8.90	2.18	8.84	2.19	8.78	2.20	8.67	2.22
	15.0	10.06	2.23	9.95	2.25	9.83	2.27	9.77	2.28	9.72	2.29	9.60	2.31
2.0+3.5+3.5	-15.0	4.59	1.74	4.48	1.76	4.37	1.78	4.31	1.79	4.26	1.80	4.14	1.82
	-10.0	5.50	1.83	5.39	1.85	5.28	1.87	5.22	1.88	5.17	1.89	5.06	1.91
	-5.0	6.42	1.92	6.30	1.94	6.19	1.96	6.14	1.97	6.08	1.98	5.97	1.99
	0.0	7.33	2.01	7.22	2.02	7.11	2.04	7.05	2.05	6.99	2.06	6.88	2.08
	6.0	8.42	2.11	8.31	2.13	8.20	2.15	8.14	2.16	8.09	2.17	7.98	2.19
	10.0	9.15	2.18	9.04	2.20	8.93	2.22	8.87	2.23	8.82	2.24	8.71	2.26
	15.0	10.07	2.27	9.95	2.29	9.84	2.31	9.79	2.32	9.73	2.33	9.62	2.35
2.5+2.5+2.5	-15.0	4.42	1.66	4.31	1.68	4.20	1.70	4.14	1.71	4.09	1.72	3.97	1.74
	-10.0	5.32	1.75	5.21	1.77	5.10	1.79	5.05	1.80	4.99	1.81	4.88	1.83
	-5.0	6.23	1.84	6.12	1.86	6.01	1.88	5.95	1.89	5.90	1.90	5.79	1.91
	0.0	7.13	1.93	7.02	1.94	6.91	1.96	6.86	1.97	6.80	1.98	6.69	2.00
	6.0	8.22	2.03	8.11	2.05	8.00	2.07	7.94	2.08	7.89	2.09	7.78	2.11
	10.0	8.95	2.10	8.84	2.12	8.72	2.14	8.67	2.15	8.61	2.16	8.50	2.18
	15.0	9.85	2.19	9.74	2.21	9.63	2.23	9.57	2.24	9.52	2.25	9.41	2.27
2.5+2.5+3.5	-15.0	4.50	1.68	4.39	1.70	4.28	1.72	4.23	1.73	4.17	1.74	4.06	1.76
	-10.0	5.41	1.77	5.30	1.79	5.19	1.81	5.14	1.82	5.08	1.83	4.97	1.85
	-5.0	6.32	1.86	6.21	1.88	6.10	1.90	6.04	1.91	5.99	1.92	5.88	1.93
	0.0	7.23	1.95	7.12	1.96	7.01	1.98	6.95	1.99	6.90	2.00	6.79	2.02
	6.0	8.32	2.05	8.21	2.07	8.10	2.09	8.04	2.10	7.99	2.11	7.88	2.13
	10.0	9.05	2.12	8.94	2.14	8.83	2.16	8.77	2.17	8.72	2.18	8.60	2.20
	15.0	9.96	2.21	9.85	2.23	9.74	2.25	9.68	2.26	9.63	2.27	9.51	2.29

Notes

1. The capacities are based on the following conditions:
   Corresponding refrigerant piping length: 5 m
   Level difference: 0 m
2. The bold cells indicate the standard conditions.
3. The values above are for connecting with the following indoor unit types:
   2.0, 2.5, 3.5, 4.2 kW class
   Wall-mountend CTXM-M, FTXM-M series

Symbols

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

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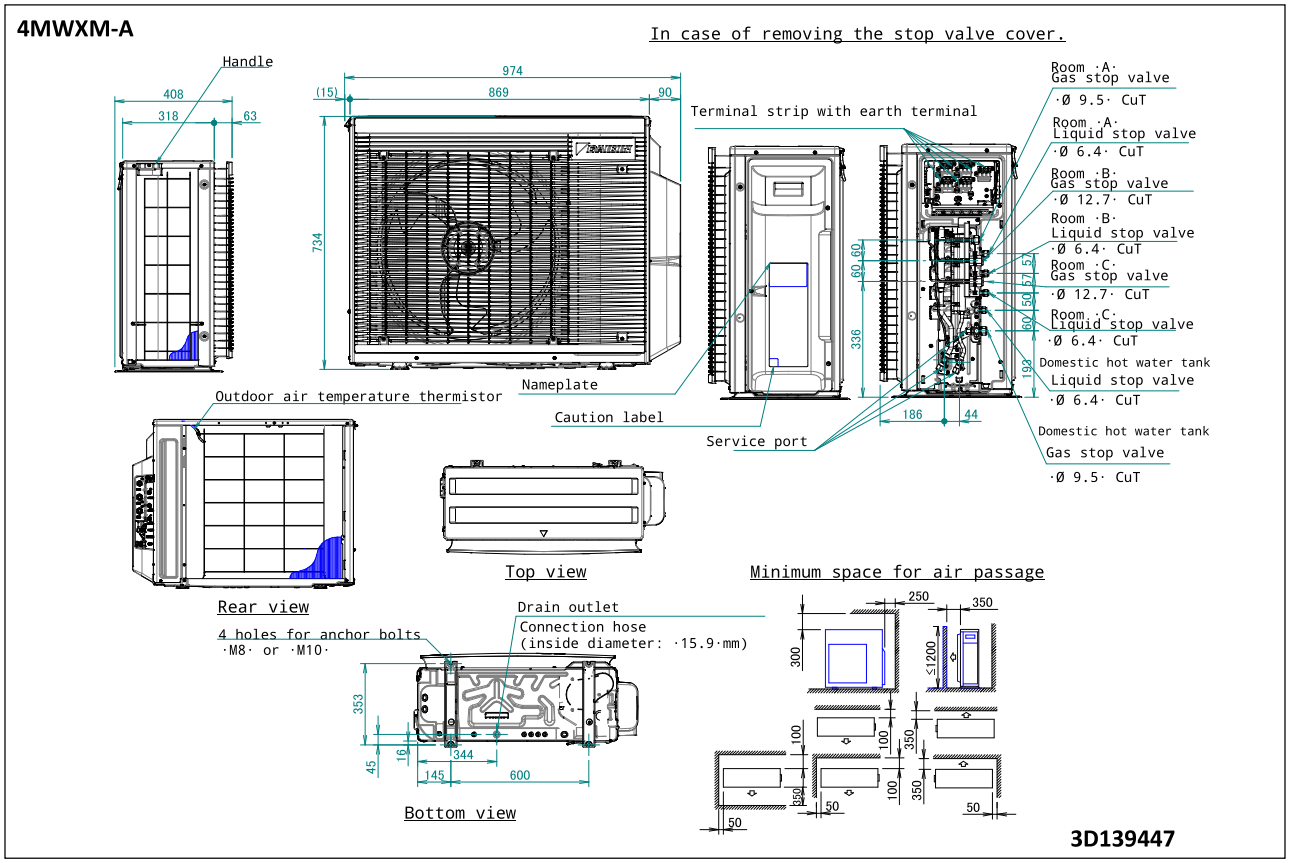
7 Dimensional drawings

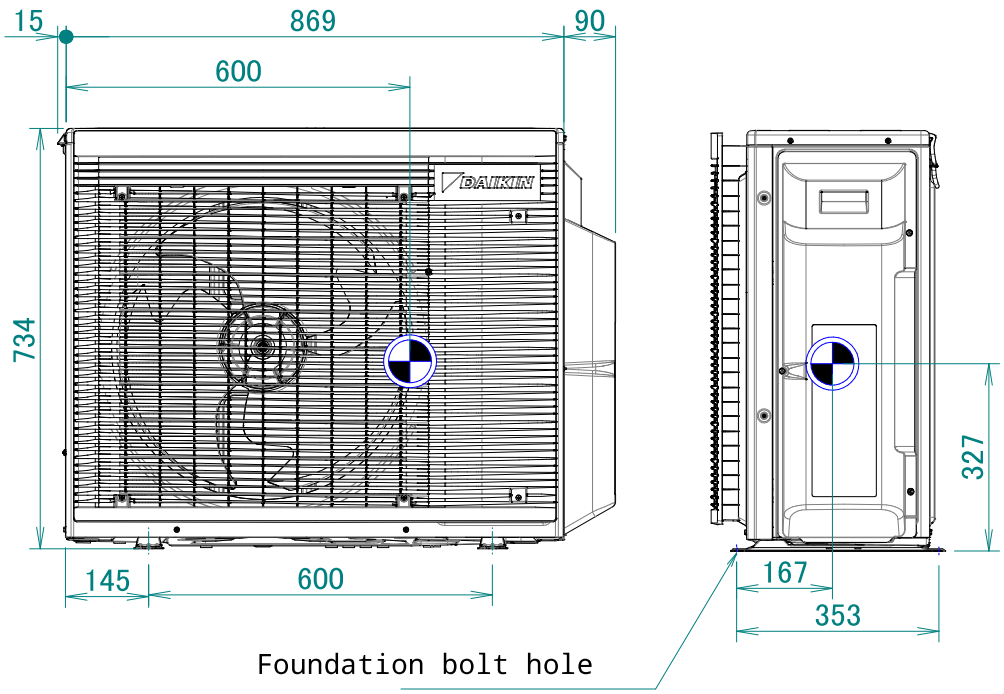
7 - 1 Dimensional Drawings



8 Centre of gravity

8 - 1 Centre of Gravity

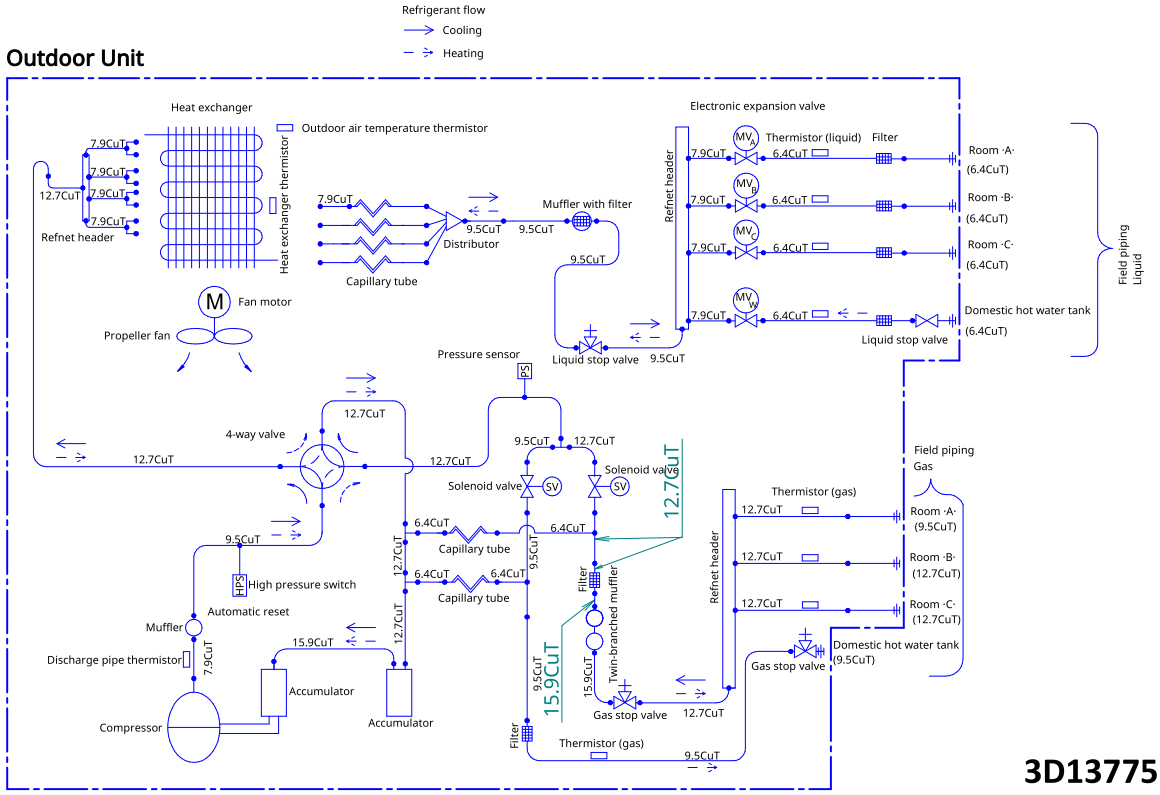
4MWXM-A



9 Piping diagrams

9 - 1 Piping Diagrams

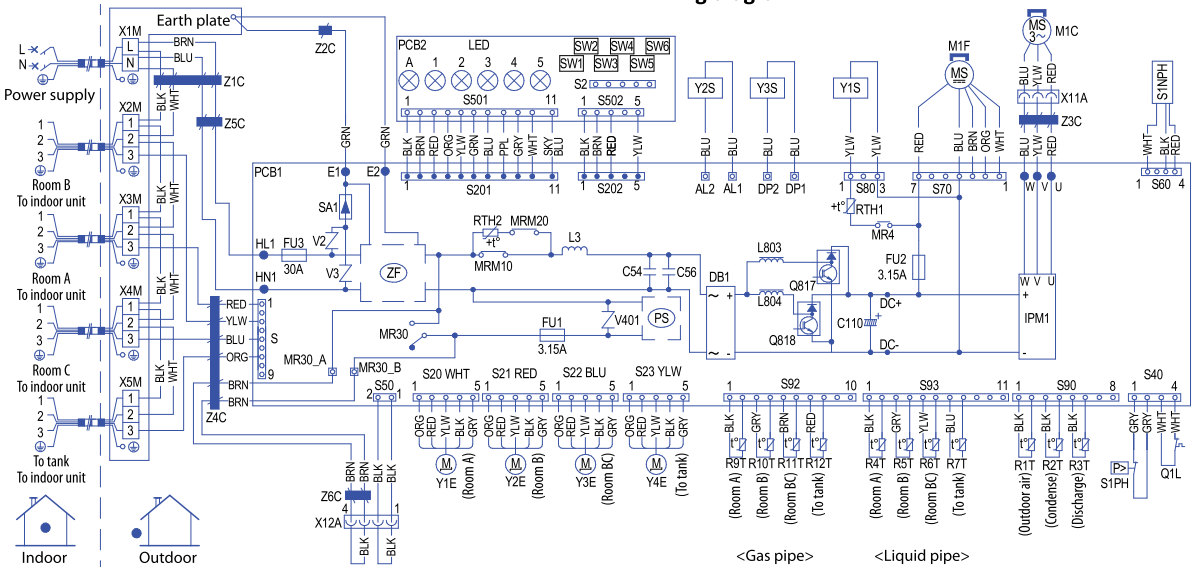
4MWXM-A



10 Wiring diagrams

10 - 1 Wiring Diagrams - Three Phase

4MWXM-A **Wiring diagram**



AL1, AL2	Connector
C110, C54, C56	Capacitor
DB1	Diode bridge
DP1, DP2	Connector
E1, E2	Earth connection (soldered)
FU1, FU2, FU3	Fuse
HL1, HN1	Power supply connection (soldered)
IPM1	Intelligent power module
L3	Inductor
L803, L804	Reactor
LED 1-5, LED A	Light-emitting diode

M1C	Compressor motor
M1F	Fan motor
MR30_A, MR30_B	Connector
MRM10, MRM20, MR4, MR30	Magnetic relay
PCB1, PCB2	Printed circuit board
PS	Switching power supply
Q817, Q818	IGBT Module
Q1L	Overload protector
R1T-R12T	Thermistor
RTH1, RTH2	Positive thermistor
S, S2-S502	Connector

S1NPH	High pressure sensor
S1PH	High pressure switch
SA1	Surge arrester
SW1-SW6	Switch
U,V,W	Compressor connection (soldered)
V2, V3, V401	Varistor
X11A, X12A	Connector
X1M-X5	Terminal strip with earth terminal
Y1E-Y4E	Electronic expansion valve coil
Y1S - Y3S	Solenoid valve coil
Z1C-Z6C	Ferrite core
ZF	Noise filter

Field wiring
Screw terminal
Connector

BLK : black
BLU : blue
BRN : brown
GRN : green
GRY : grey
ORG : orange
PPL : purple
RED : red

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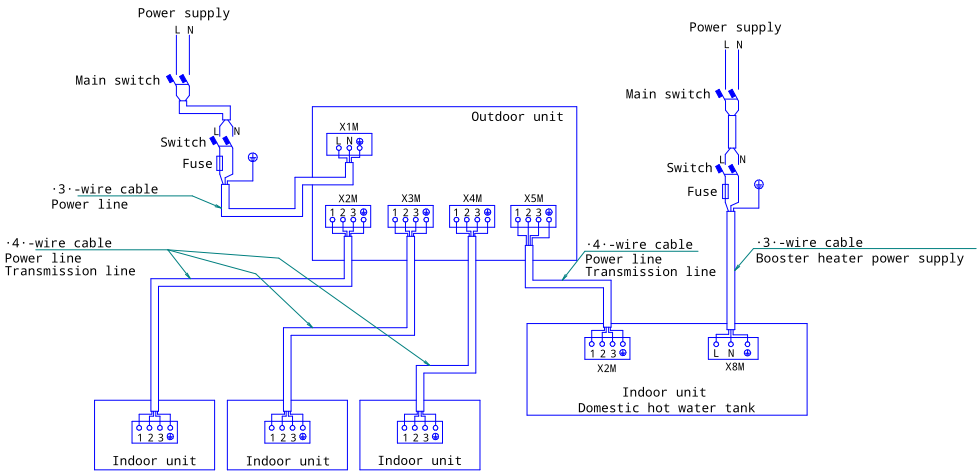
11 External connection diagrams

11 - 1 External Connection Diagrams

4MWXM-A

External connection diagram



Notes
1. All wiring, components and materials to be procured on-site must comply with the applicable legislation.
2. Use copper conductors only
3. For more details, refer to the wiring diagram of the unit.
4. Install a circuit breaker for safety.
5. All field wiring and components must be provided by an authorised electrician.
6. Unit has to be grounded in compliance with the applicable legislation.
7. The wiring shown is a general points-of-connection guide and is not intended to include all details for a specific installation.
8. Make sure to install the switch and the fuse to the power line of each equipement.
9. Install a main to switch to (if necessary) immediately interrupt all the system's power sources.
10. If there exists the possibility of reversed phase, loose phase or momentary blackout, or if the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
11. Install an earth leakage circuit breaker.

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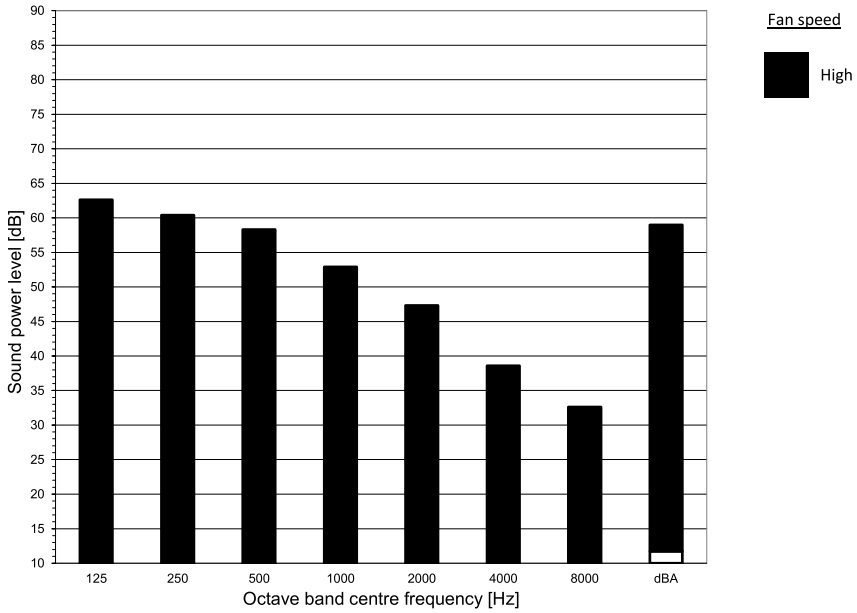
12 Sound data

12 - 1 Sound Power Spectrum

4MWXM-A

Cooling mode



Notes
- dBA = A-weighted sound power level (A scale according to IEC).
- Reference acoustic intensity 0dB = ·10^ -12 W·
- Measured according to ISO 3744

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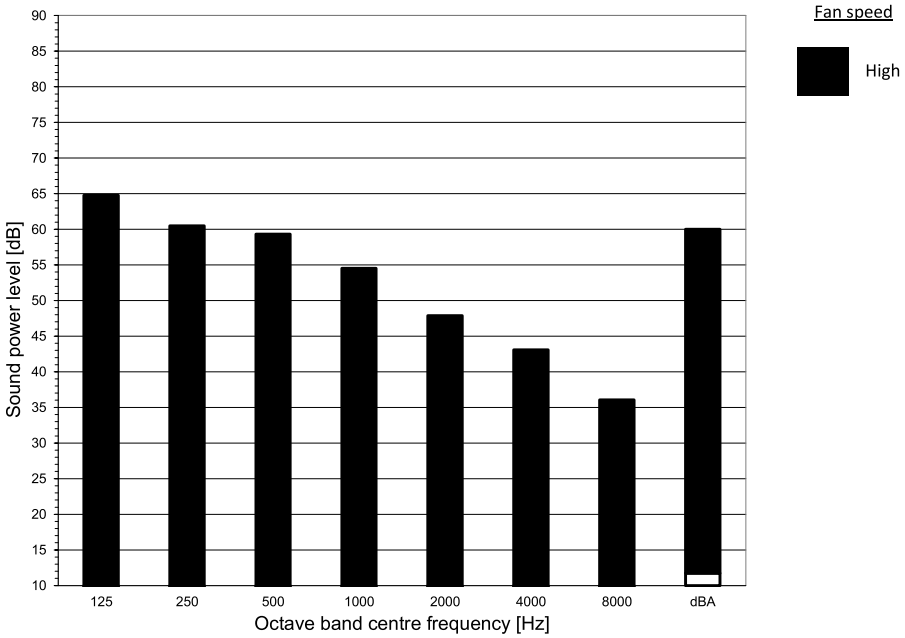
4MWXM-A

Heating mode



Notes
- dBA = A-weighted sound power level (A scale according to IEC).
- Reference acoustic intensity 0dB = ·10^ -12 W·
- Measured according to ISO 3744

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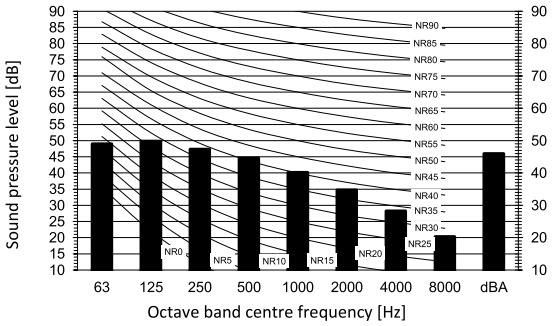
12 Sound data

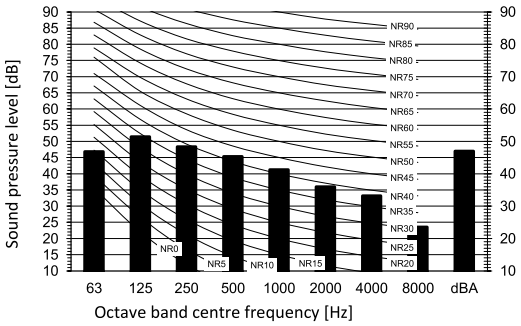
12 - 2 Sound Pressure Spectrum

4MWXM-A

Cooling mode



Heating mode



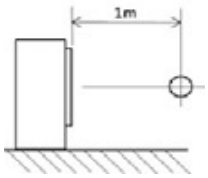
Legend

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

A Scale Fan speed

B High

Location of microphone



Cooling Total dB

A	B
dBA	46,0

Heating Total dB

A	B
dBA	47,0

Notes

1 . Operating conditions: power source ·220-240/220·V ·50/60·Hz; JIS standard
2 . Background noise already taken into account.
3 . Operating noise varies depending on operation and ambient conditions.
4 . The operation noise measuring method is in accordance with JISC9612.
5 . Measuring location: anechoic chamber
7 . The values mentioned in this document are for connecting with the following indoor unit types:
1.5, 2.0, 2.5, 3.5, 4.2, 5.0, 6.0, 7.1 kW Class

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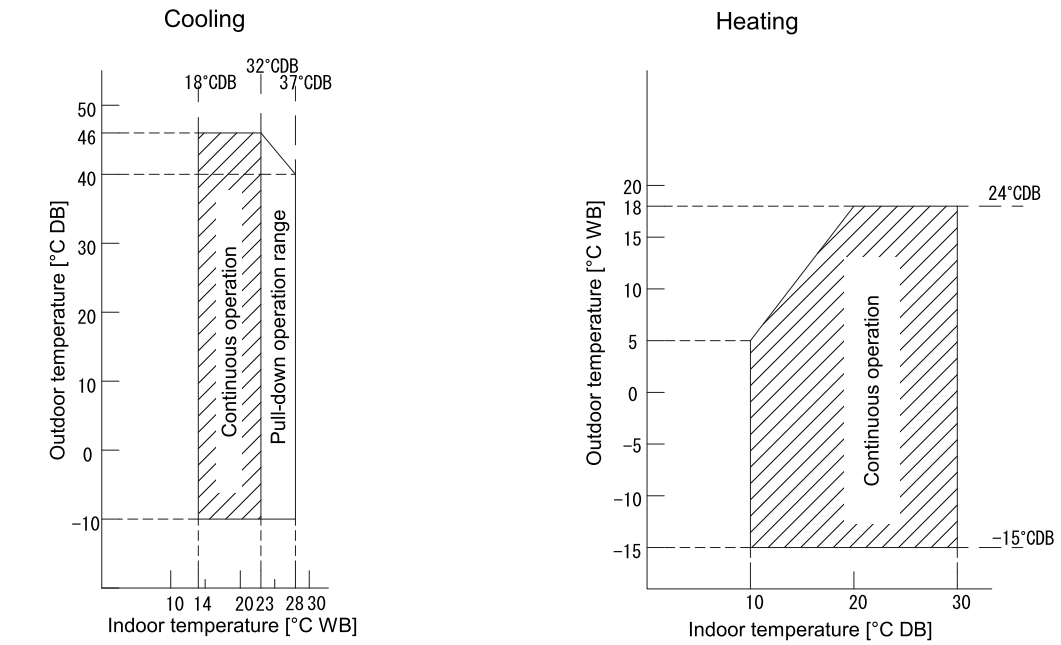
13 Operation range

13 - 1 Operation Range

13

4MWXM-A



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

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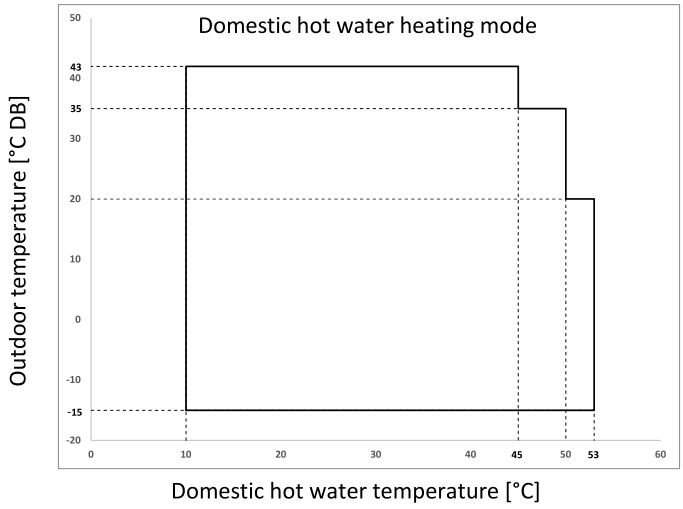
4MWXM-A



Notes

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

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