



Air Conditioning Technical Data

2MXM-M

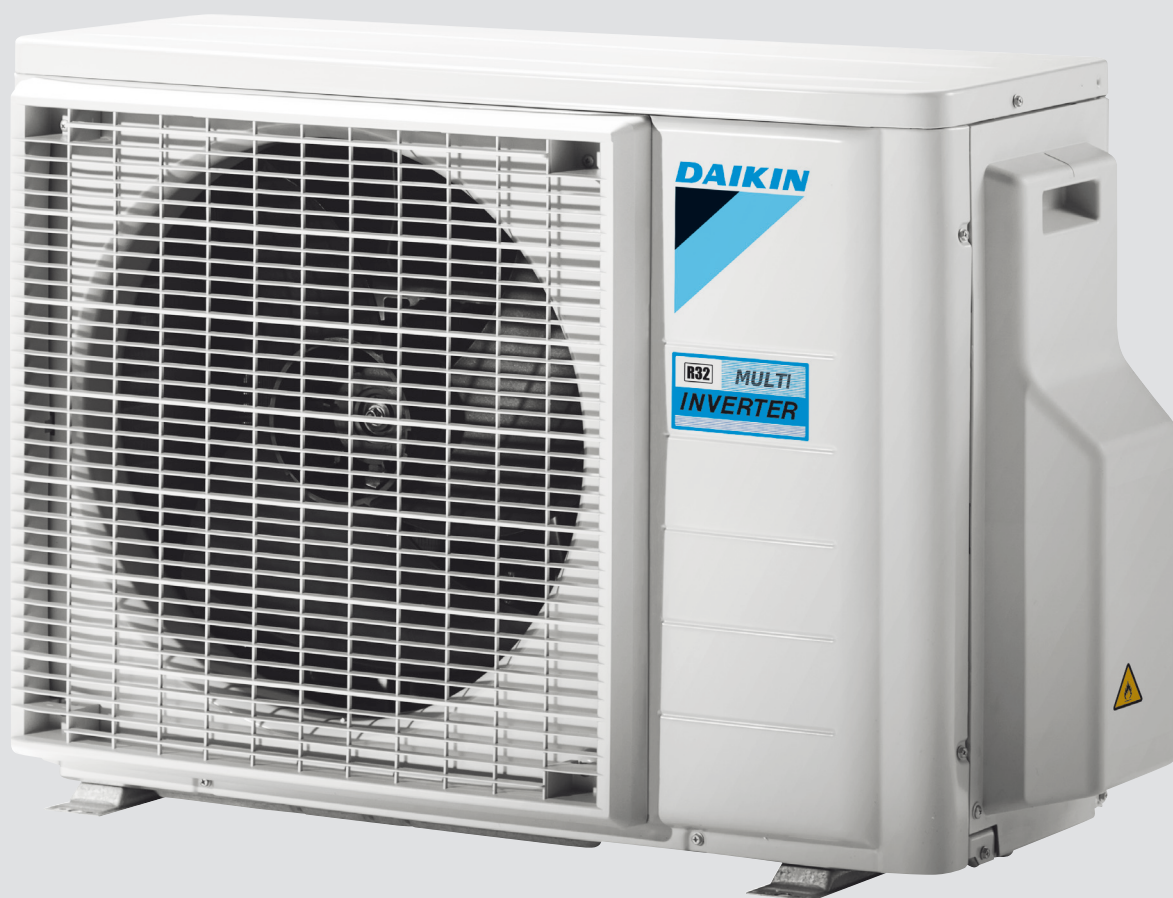


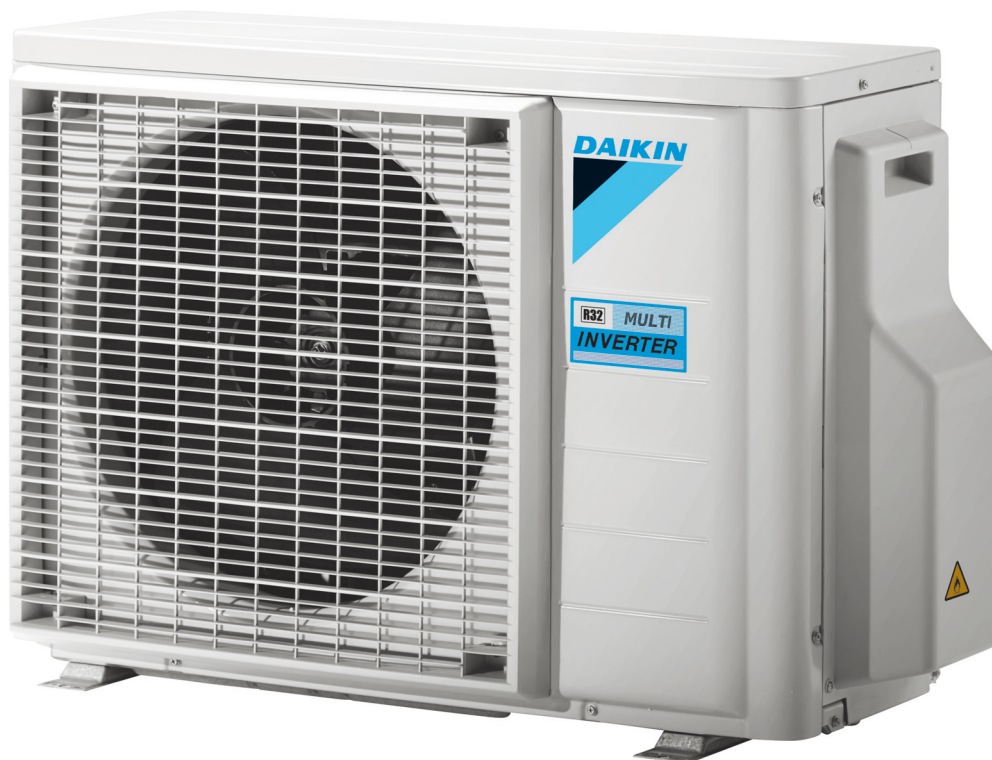
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1 Features

- 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 2 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					2MXM40M		
Casing	Colour				Ivory white		
Dimensions	Unit	Height	mm		550		
		Width	mm		765		
		Depth	mm		285		
	Packed unit	Height	mm		614		
		Width	mm		900		
		Depth	mm		357		
Weight	Unit		kg		36		
	Packed unit		kg		38		
Packing	Weight		kg		2		
Heat exchanger	Length		mm		805		
	Rows	Quantity		2			
	Fin pitch		mm		1.5		
	Stages	Quantity		24			
	Tube type				7.0 Hi-XD		
	Fin	Type		WF fin			
		Treatment		Anti-corrosion treatment			
	Compressor	Model				1YC25GXD#C	
Type				Hermetically sealed swing compressor			
Output		W		800			
Fan	Type				Propeller fan		
	Air flow rate	Cooling	High	m³/min	36		
				cfm	1,271		
			Nom.	m³/min	33		
				cfm	1,165		
		Super low	m³/min	30			
			cfm	1,059			
		Heating	High	m³/min	32		
				cfm	1,130		
	Nom.		m³/min	32			
			cfm	1,130			
	Super low	m³/min	32				
cfm		1,130					
Fan motor	Model				D50M-28		
	Output		W		50		
	Speed	Cooling	High	rpm	900		
				rpm	840		
			Super low	rpm	760		
		Heating		High	rpm	820	
			rpm		820		
			Super low	rpm	820		
Sound power level	Cooling		dBA		60		
	Heating		dBA		62		
Sound pressure level	Cooling	Nom.		dBA		48	
	Heating	Nom.		dBA		50	
Operation range	Cooling	Ambient	Min.	°CDB		-10	
			Max.	°CDB		46	
	Heating	Ambient	Min.	°CWB		-15	
			Max.	°CWB		18	
Refrigerant	Type				R-32		
	Charge		kg		0.88		
			TCO ₂ eq		0.6		
	GWP				675		

2 Specifications

2-1 Technical Specifications					2MXM40M
Piping connections	Liquid	Quantity			2
		OD	mm		6,35
	Gas	Quantity			2
		OD	mm		9.5
	Drain	OD			16
	Piping length	OU - IU	Max.	m	20
		System	Chargeless	m	20
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 20m)
	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	30
	Type				FW68DA
	Charged volume			l	0.375

Standard Accessories : Installation manual;

Standard Accessories : Screw bag;

Standard Accessories : Drain plug;

Standard Accessories : Reducer assembly; Quantity : 1;

2-2 Electrical Specifications					2MXM40M
Power supply	Name				V1
	Phase				1~
	Frequency		Hz		50
	Voltage		V		220-240
Current - 50Hz	Maximum fuse amps (MFA)		A		16
Current	Nominal running current (RLA)	Cooling	A		5.34
		Heating	A		5.4
	Starting current	Cooling	A		4.6
		Heating	A		4.6

Notes

Contains fluorinated greenhouse gases

3 Electrical data

3 - 1 Electrical Data

2MXM40M

MODEL		UNITS				POWER SUPPLY		COMP.		OFM	
OUTDOOR	H/P C/O	HZ	VOLTS	MIN.	MAX.	MCA	MFA	MSC	RLA	W	FLA
2MXM40M2V1B	H/P	50	220	198	242	11.5	16	5.8	5.59	40	0.17
2AMXM40M2V1B			230	207	253			5.8	5.34		
			240	216	264			5.8	5.12		

NOTES:

1. RLA IS BASED ON THE FOLLOWING CONDITIONS.
COOLING
INDOOR TEMP: 27° C DB/19.0° C WB
OUTDOOR TEMP: 35° C DB
2. VOLTAGE RANGE
UNITS ARE SUITABLE FOR USE ON ELECTRICAL SYSTEMS WHERE VOLTAGE SUPPLIED TO UNIT
TERMINAL IS NOT BELOW OR ABOVE LISTED RANGE LIMITS.
3. MAXIMUM ALLOWABLE VOLTAGE VARIATION BETWEEN PHASES IS 2%.
4. MCA REPRESENTS MAXIMUM INPUT CURRENT. MFA REPRESENTS CAPACITY WHICH MAY ACCEPT MCA.
5. SELECT WIRE SIZE BASED ON THE VALUE OF MCA.
6. MFA IS USED TO SELECT THE CIRCUIT BREAKER AND THE GROUND FAULT CIRCUIT INTERRUPTER
(EARTH LEAKAGE CIRCUIT BREAKER).

SYMBOLS:

MCA : MAX. CIRCUIT AMPS. (A)
MFA : MAX. FUSE AMPS (SEE NOTE 6). (A)
MSC : MAX. CURRENT DURING THE STARTING COMPRESSOR. (A)
RLA : RATED LOAD AMPS. (A)
OFM : OUTDOOR FAN MOTOR. (A)
FLA : FULL LOAD AMPS. (A)
W : FAN MOTOR RATED OUTPUT. (W)

3D101350

2MXM40M

Outdoor unit	Power supply					COMP		OFM	
Model name	Hz	Voltage	Voltage range	MCA	MFA	MSC	RLA	kW	FLA
2MXM40M3V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	12,21	16	-	5,1	0,040	0,17
	50	230					5,3		
	50	240					5,6		
2MXM50M2V1B9	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,93	16	-	5,9	0,042	0,18
	50	230					6,2		
	50	240					6,5		
2AMXM40M3V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	12,21	16	-	5,1	0,040	0,17
	50	230					5,3		
	50	240					5,6		
2AMXM50M3V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	14,93	16	-	5,9	0,042	0,18
	50	230					6,2		
	50	240					6,5		

Notes

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

Symbols

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

3D110207

4 Combination table

4 - 1 Combination Table

2MXM40M

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-	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
2MXM40M2V1B 2MXM40M3V1B	1.5	1.50	---	1.30	1.50	2.00	0.33	0.31	0.40	1.78	1.70	2.17	79
	2.0	2.00	---	1.30	2.00	2.40	0.33	0.44	0.57	1.78	2.38	3.09	79
	2.5	2.50	---	1.30	2.50	3.00	0.33	0.61	0.80	1.78	3.33	4.40	79
	3.5	3.50	---	1.30	3.50	4.00	0.33	1.04	1.35	1.78	5.71	7.38	79
	1.5+1.5	1.50	1.50	1.50	3.00	3.60	0.31	0.60	0.73	1.67	3.33	4.00	79
	1.5+2.0	1.50	2.00	1.50	3.50	4.00	0.31	0.79	0.91	1.67	4.35	4.98	79
	1.5+2.5	1.50	2.50	1.50	4.00	4.20	0.31	0.98	1.03	1.67	5.37	5.64	79
	1.5+3.5	1.20	2.80	1.50	4.00	4.40	0.31	0.96	1.06	1.67	5.30	5.83	79
	2.0+2.0	2.00	2.00	1.50	4.00	4.20	0.31	0.97	1.02	1.67	5.34	5.61	79
	2.0+2.5	1.78	2.22	1.50	4.00	4.30	0.31	0.96	1.04	1.67	5.30	5.70	79
	2.0+3.5	1.45	2.55	1.50	4.00	4.50	0.31	0.95	1.08	1.67	5.25	5.91	79
	2.5+2.5	2.00	2.00	1.50	4.00	4.40	0.31	0.96	1.06	1.67	5.27	5.80	79
	2.5+3.5	1.67	2.33	1.50	4.00	4.60	0.31	0.94	1.09	1.67	5.20	5.98	79

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-	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.	
2MXM40M2V1B 2MXM40M3V1B	1.5	2.00	---	1.00	2.00	3.45	0.26	0.68	1.19	1.43	3.66	5.69	79
	2	3.00	---	1.00	3.00	3.70	0.26	0.83	1.24	1.43	4.52	6.78	79
	2.5	3.40	---	1.00	3.40	4.10	0.26	1.02	1.48	1.43	5.59	8.09	79
	3.5	3.80	---	1.00	3.80	4.40	0.26	1.28	1.71	1.43	7.02	9.40	79
	1.5+1.5	1.75	1.75	1.20	3.50	4.30	0.24	0.80	0.99	1.31	4.43	5.45	79
	1.5+2.0	1.63	2.17	1.20	3.80	4.50	0.24	0.88	1.04	1.31	4.85	5.75	79
	1.5+2.5	1.58	2.63	1.20	4.20	4.60	0.24	1.00	1.10	1.31	5.53	6.06	79
	1.5+3.5	1.26	2.94	1.20	4.20	4.70	0.24	0.96	1.08	1.31	5.29	5.92	79
	2.0+2.0	2.10	2.10	1.30	4.20	4.60	0.24	0.98	1.08	1.31	5.41	5.93	79
	2.0+2.5	1.87	2.33	1.30	4.20	4.70	0.24	0.97	1.09	1.31	5.36	6.00	79
	2.0+3.5	1.53	2.67	1.30	4.20	4.80	0.24	0.95	1.09	1.31	5.25	6.00	79
	2.5+2.5	2.10	2.10	1.30	4.20	4.70	0.24	0.96	1.08	1.31	5.29	5.92	79
	2.5+3.5	1.75	2.45	1.30	4.20	4.80	0.24	0.94	1.08	1.31	5.19	5.94	79

Notes

- The total capacity of each connected indoor unit is up to 6.0 kW.
- The values above are for connecting with the following indoor unit types:
1.5, 2.0, 2.5, 3.5 kW class
- Wall-mounted -C TXM-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
Cooling capacity conditions
Indoor temperature :27°C DB / 19°C WB
Outdoor temperature :35°C DB

3D102222B

5 Capacity tables

5 - 1 Cooling Capacity Tables

2MXM40

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	10,0	2,28	0,24	2,39	0,25	2,50	0,26	2,56	0,26	2,72	0,28	2,84	0,29
	12,0	2,24	0,25	2,35	0,26	2,46	0,27	2,51	0,27	2,68	0,29	2,79	0,29
	15,0	2,17	0,26	2,28	0,27	2,39	0,28	2,45	0,29	2,61	0,30	2,72	0,31
	18,0	2,10	0,28	2,21	0,29	2,32	0,30	2,38	0,30	2,55	0,31	2,66	0,32
	20,0	2,06	0,29	2,17	0,30	2,28	0,31	2,34	0,31	2,50	0,32	2,61	0,33
	22,0	2,01	0,30	2,12	0,31	2,24	0,32	2,29	0,32	2,46	0,33	2,57	0,34
	25,0	1,95	0,32	2,06	0,32	2,17	0,33	2,22	0,34	2,39	0,35	2,50	0,36
	28,0	1,88	0,33	1,99	0,34	2,10	0,35	2,16	0,36	2,32	0,37	2,43	0,38
	32,0	1,79	0,36	1,90	0,37	2,01	0,38	2,07	0,38	2,23	0,39	2,34	0,40
	35,0	1,72	0,38	1,83	0,39	1,94	0,40	2,00	0,40	2,17	0,41	2,28	0,42
	40,0	1,61	0,41	1,72	0,42	1,83	0,43	1,89	0,44	2,05	0,45	2,16	0,46
	43,0	1,54	0,43	1,66	0,44	1,77	0,45	1,82	0,46	1,99	0,47	2,10	0,48
	46,0	1,48	0,46	1,59	0,47	1,70	0,48	1,75	0,48	1,92	0,49	2,03	0,50
2	10,0	2,68	0,41	2,79	0,42	2,90	0,43	2,96	0,43	3,12	0,45	3,24	0,46
	12,0	2,64	0,42	2,75	0,43	2,86	0,44	2,91	0,44	3,08	0,46	3,19	0,46
	15,0	2,57	0,43	2,68	0,44	2,79	0,45	2,85	0,46	3,01	0,47	3,12	0,48
	18,0	2,50	0,45	2,61	0,46	2,72	0,47	2,78	0,47	2,95	0,48	3,06	0,49
	20,0	2,46	0,46	2,57	0,47	2,68	0,48	2,74	0,48	2,90	0,49	3,01	0,50
	22,0	2,41	0,47	2,52	0,48	2,64	0,49	2,69	0,49	2,86	0,50	2,97	0,51
	25,0	2,35	0,49	2,46	0,49	2,57	0,50	2,62	0,51	2,79	0,52	2,90	0,53
	28,0	2,28	0,50	2,39	0,51	2,50	0,52	2,56	0,53	2,72	0,54	2,83	0,55
	32,0	2,19	0,53	2,30	0,54	2,41	0,55	2,47	0,55	2,63	0,56	2,74	0,57
	35,0	2,12	0,55	2,23	0,56	2,34	0,57	2,40	0,57	2,57	0,58	2,68	0,59
	40,0	2,01	0,58	2,12	0,59	2,23	0,60	2,29	0,61	2,45	0,62	2,56	0,63
	43,0	1,94	0,60	2,06	0,61	2,17	0,62	2,22	0,63	2,39	0,64	2,50	0,65
	46,0	1,88	0,63	1,99	0,64	2,10	0,65	2,15	0,65	2,32	0,66	2,43	0,67
2,5	10,0	3,28	0,59	3,39	0,60	3,50	0,62	3,56	0,63	3,72	0,68	3,84	0,69
	12,0	3,24	0,60	3,35	0,62	3,46	0,64	3,51	0,65	3,68	0,69	3,79	0,69
	15,0	3,17	0,63	3,28	0,65	3,39	0,68	3,45	0,67	3,61	0,70	3,72	0,71
	18,0	3,10	0,66	3,21	0,69	3,32	0,70	3,38	0,70	3,55	0,71	3,66	0,72
	20,0	3,06	0,69	3,17	0,70	3,28	0,71	3,34	0,71	3,50	0,72	3,61	0,73
	22,0	3,01	0,70	3,12	0,71	3,24	0,72	3,29	0,72	3,46	0,73	3,57	0,74
	25,0	2,95	0,72	3,06	0,72	3,17	0,73	3,22	0,74	3,39	0,75	3,50	0,76
	28,0	2,88	0,73	2,99	0,74	3,10	0,75	3,16	0,76	3,32	0,77	3,43	0,78
	32,0	2,79	0,76	2,90	0,77	3,01	0,78	3,07	0,78	3,23	0,79	3,34	0,80
	35,0	2,72	0,78	2,83	0,79	2,94	0,80	3,00	0,80	3,17	0,81	3,28	0,82
	40,0	2,61	0,81	2,72	0,82	2,83	0,83	2,89	0,84	3,05	0,85	3,16	0,86
	43,0	2,54	0,83	2,66	0,84	2,77	0,85	2,82	0,86	2,99	0,87	3,10	0,90
	46,0	2,48	0,86	2,59	0,87	2,70	0,88	2,75	0,90	2,92	0,92	3,03	0,92

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
3,5	10,0	4,57	0,83	4,65	0,99	4,84	1,01	4,93	1,02	5,21	1,06	5,39	1,08
	12,0	4,46	0,87	4,58	1,01	4,76	1,03	4,86	1,04	5,13	1,08	5,32	1,10
	15,0	4,35	0,93	4,47	1,04	4,65	1,07	4,75	1,08	5,02	1,11	5,21	1,13
	18,0	4,24	0,99	4,36	1,08	4,54	1,10	4,63	1,11	4,91	1,14	5,09	1,17
	20,0	4,13	1,04	4,28	1,10	4,47	1,13	4,56	1,14	4,84	1,17	5,02	1,19
	22,0	4,02	1,10	4,21	1,13	4,39	1,15	4,48	1,16	4,76	1,19	4,94	1,22
	25,0	3,91	1,15	4,10	1,17	4,28	1,19	4,37	1,20	4,65	1,23	4,83	1,26
	28,0	3,80	1,19	3,98	1,21	4,17	1,23	4,26	1,24	4,54	1,28	4,72	1,30
	32,0	3,65	1,25	3,84	1,27	4,02	1,29	4,11	1,30	4,39	1,34	4,57	1,36
	35,0	3,54	1,30	3,72	1,32	3,91	1,34	4,00	1,35	4,28	1,38	4,46	1,41
	40,0	3,35	1,38	3,54	1,40	3,72	1,42	3,81	1,43	4,09	1,47	4,27	1,49
	43,0	3,24	1,43	3,43	1,46	3,61	1,48	3,70	1,49	3,93	1,49	4,08	1,49
	46,0	2,87	1,29	3,01	1,29	3,14	1,29	3,21	1,29	3,50	1,29	3,62	1,29
1,5 + 1,5	10,0	4,09	0,42	4,29	0,43	4,48	0,45	4,58	0,46	4,87	0,49	5,06	0,51
	12,0	4,02	0,43	4,21	0,45	4,40	0,47	4,50	0,48	4,79	0,50	4,98	0,52
	15,0	3,90	0,46	4,09	0,48	4,29	0,50	4,38	0,50	4,67	0,53	4,87	0,55
	18,0	3,78	0,49	3,97	0,51	4,17	0,52	4,26	0,53	4,56	0,56	4,75	0,58
	20,0	3,70	0,51	3,90	0,53	4,09	0,55	4,19	0,55	4,48	0,58	4,67	0,60
	22,0	3,62	0,53	3,82	0,55	4,01	0,57	4,11	0,58	4,40	0,60	4,59	0,62
	25,0	3,51	0,56	3,70	0,58	3,89	0,60	3,99	0,61	4,28	0,64	4,47	0,65
	28,0	3,39	0,60	3,58	0,62	3,78	0,63	3,87	0,64	4,16	0,67	4,36	0,69
	32,0	3,23	0,65	3,43	0,67	3,62	0,68	3,72	0,69	4,01	0,72	4,20	0,74
	35,0	3,12	0,69	3,31	0,70	3,50	0,72	3,60	0,73	3,89	0,76	4,08	0,78
	40,0	2,92	0,76	3,11	0,77	3,31	0,79	3,40	0,80	3,69	0,83	3,89	0,84
	43,0	2,80	0,80	3,00	0,82	3,19	0,83	3,29	0,84	3,58	0,87	3,77	0,87
	46,0	2,69	0,84	2,88	0,86	3,07	0,88	3,17	0,87	3,45	0,88	3,60	0,89
1,5 + 2,0	10,0	4,59	0,65	4,69	0,66	4,88	0,67	4,98	0,67	5,27	0,69	5,46	0,69
	12,0	4,47	0,66	4,61	0,67	4,80	0,68	4,90	0,68	5,19	0,70	5,38	0,70
	15,0	4,35	0,67	4,49	0,68	4,69	0,68	4,78	0,70	5,07	0,71	5,27	0,73
	18,0	4,28	0,69	4,37	0,69	4,57	0,70	4,66	0,71	4,96	0,74	5,15	0,76
	20,0	4,15	0,69	4,30	0,71	4,49	0,73	4,59	0,73	4,88	0,76	5,07	0,78
	22,0	4,07	0,71	4,22	0,73	4,41	0,75	4,51	0,76	4,80	0,78	4,99	0,80
	25,0	3,96	0,74	4,10	0,76	4,29	0,78	4,39	0,79	4,68	0,82	4,87	0,83
	28,0	3,84	0,78	3,98	0,80	4,18	0,81	4,27	0,82	4,56	0,85	4,76	0,87
	32,0	3,68	0,83	3,88	0,85	4,02	0,86	4,12	0,87	4,41	0,90	4,60	0,92
	35,0	3,57	0,87	3,76	0,88	3,95	0,90	4,00	0,91	4,29	0,94	4,48	0,96
	40,0	3,37	0,94	3,56	0,95	3,76	0,97	3,85	0,98	4,09	1,01	4,29	1,02
	43,0	3,25	0,98	3,45	1,00	3,64	1,01	3,74	1,02	3,98	1,05	4,17	1,07
	46,0	3,14	1,02	3,28	1,04	3,47	1,06	3,62	1,07	3,85	1,09	4,00	1,09

Notes

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

Symbols

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

3D102270

5 Capacity tables

5 - 1 Cooling Capacity Tables

2MXM40M

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	10,0	4,69	0,72	4,89	0,73	5,08	0,75	5,18	0,76	5,47	0,79	5,66	0,81
	12,0	4,62	0,73	4,81	0,75	5,00	0,77	5,10	0,78	5,39	0,80	5,58	0,82
	15,0	4,50	0,76	4,69	0,78	4,89	0,80	4,98	0,80	5,27	0,83	5,47	0,85
	18,0	4,38	0,79	4,57	0,81	4,77	0,82	4,86	0,83	5,16	0,86	5,35	0,88
	20,0	4,30	0,81	4,50	0,83	4,69	0,85	4,79	0,85	5,08	0,88	5,27	0,90
	22,0	4,22	0,83	4,42	0,85	4,61	0,87	4,71	0,88	5,00	0,90	5,19	0,92
	25,0	4,11	0,86	4,30	0,88	4,49	0,90	4,59	0,91	4,88	0,94	5,07	0,95
	28,0	3,99	0,90	4,18	0,92	4,38	0,93	4,47	0,94	4,76	0,97	4,96	0,99
	32,0	3,83	0,95	4,03	0,97	4,22	0,98	4,32	0,99	4,61	1,02	4,80	1,04
	35,0	3,72	0,99	3,91	1,00	4,10	1,02	4,20	1,03	4,49	1,06	4,68	1,08
	40,0	3,52	1,06	3,71	1,07	3,91	1,09	4,00	1,10	4,29	1,13	4,49	1,14
	43,0	3,40	1,10	3,60	1,12	3,79	1,13	3,89	1,14	4,18	1,17	4,37	1,19
1.5 + 3.5	10,0	4,93	0,64	5,14	0,65	5,34	0,67	5,45	0,68	5,76	0,71	5,97	0,73
	12,0	4,85	0,65	5,05	0,67	5,26	0,69	5,36	0,70	5,67	0,72	5,88	0,74
	15,0	4,72	0,68	4,93	0,70	5,13	0,72	5,24	0,72	5,55	0,75	5,76	0,77
	18,0	4,59	0,71	4,80	0,73	5,01	0,74	5,11	0,75	5,42	0,78	5,63	0,80
	20,0	4,51	0,73	4,72	0,75	4,92	0,77	5,03	0,77	5,34	0,80	5,55	0,82
	22,0	4,43	0,75	4,63	0,77	4,84	0,79	4,94	0,80	5,26	0,82	5,46	0,84
	25,0	4,35	0,78	4,51	0,80	4,72	0,82	4,82	0,83	5,13	0,86	5,34	0,87
	28,0	4,23	0,82	4,38	0,84	4,59	0,85	4,69	0,86	5,00	0,89	5,21	0,91
	32,0	4,06	0,87	4,31	0,89	4,42	0,90	4,53	0,91	4,84	0,94	5,04	0,96
	35,0	3,93	0,91	4,18	0,92	4,30	0,94	4,40	0,95	4,71	0,98	4,92	1,00
	40,0	3,72	0,98	3,97	0,99	4,14	1,01	4,21	1,02	4,50	1,05	4,71	1,06
	43,0	3,60	1,02	3,84	1,04	4,01	1,05	4,10	1,06	4,38	1,09	4,58	1,11
2.0 + 2.0	10,0	4,69	0,71	4,89	0,72	5,08	0,74	5,18	0,75	5,47	0,78	5,66	0,80
	12,0	4,62	0,72	4,81	0,74	5,00	0,76	5,10	0,77	5,39	0,79	5,58	0,81
	15,0	4,50	0,75	4,69	0,77	4,89	0,79	4,98	0,79	5,27	0,82	5,47	0,84
	18,0	4,38	0,78	4,57	0,80	4,77	0,81	4,86	0,82	5,16	0,85	5,35	0,87
	20,0	4,30	0,80	4,50	0,82	4,69	0,84	4,79	0,84	5,08	0,87	5,27	0,89
	22,0	4,22	0,82	4,42	0,84	4,61	0,86	4,71	0,87	5,00	0,89	5,19	0,91
	25,0	4,11	0,85	4,30	0,87	4,49	0,89	4,59	0,90	4,88	0,93	5,07	0,94
	28,0	3,99	0,89	4,18	0,91	4,38	0,92	4,47	0,93	4,76	0,96	4,96	0,98
	32,0	3,83	0,94	4,03	0,96	4,22	0,97	4,32	0,98	4,61	1,01	4,80	1,03
	35,0	3,72	0,98	3,91	0,99	4,10	1,01	4,20	1,02	4,49	1,05	4,68	1,07
	40,0	3,52	1,05	3,71	1,06	3,91	1,08	4,00	1,09	4,29	1,12	4,49	1,13
	43,0	3,40	1,09	3,60	1,11	3,79	1,12	3,89	1,13	4,18	1,16	4,37	1,18
2.0 + 2.5	10,0	4,69	0,71	4,89	0,72	5,08	0,74	5,18	0,75	5,47	0,78	5,66	0,80
	12,0	4,62	0,72	4,81	0,74	5,00	0,76	5,10	0,77	5,39	0,79	5,58	0,81
	15,0	4,50	0,75	4,69	0,77	4,89	0,79	4,98	0,79	5,27	0,82	5,47	0,84
	18,0	4,38	0,78	4,57	0,80	4,77	0,81	4,86	0,82	5,16	0,85	5,35	0,87
	20,0	4,30	0,80	4,50	0,82	4,69	0,84	4,79	0,84	5,08	0,87	5,27	0,89
	22,0	4,22	0,82	4,42	0,84	4,61	0,86	4,71	0,87	5,00	0,89	5,19	0,91
	25,0	4,11	0,85	4,30	0,87	4,49	0,89	4,59	0,90	4,88	0,93	5,07	0,94
	28,0	3,99	0,89	4,18	0,91	4,38	0,92	4,47	0,93	4,76	0,96	4,96	0,98
	32,0	3,83	0,94	4,03	0,96	4,22	0,97	4,32	0,98	4,61	1,01	4,80	1,03
	35,0	3,72	0,98	3,91	0,99	4,10	1,01	4,20	1,02	4,49	1,05	4,68	1,07
	40,0	3,52	1,05	3,71	1,06	3,91	1,08	4,00	1,09	4,29	1,12	4,49	1,13
	43,0	3,40	1,09	3,60	1,11	3,79	1,12	3,89	1,13	4,18	1,16	4,37	1,18
2.0 + 3.5	10,0	4,93	0,64	5,14	0,65	5,34	0,67	5,45	0,68	5,76	0,71	5,97	0,73
	12,0	4,85	0,65	5,05	0,67	5,26	0,69	5,36	0,70	5,67	0,72	5,88	0,74
	15,0	4,72	0,68	4,93	0,70	5,13	0,72	5,24	0,72	5,55	0,75	5,76	0,77
	18,0	4,59	0,71	4,80	0,73	5,01	0,74	5,11	0,75	5,42	0,78	5,63	0,80
	20,0	4,51	0,73	4,72	0,75	4,92	0,77	5,03	0,77	5,34	0,80	5,55	0,82
	22,0	4,43	0,75	4,63	0,77	4,84	0,79	4,94	0,80	5,26	0,82	5,46	0,84
	25,0	4,35	0,78	4,51	0,80	4,72	0,82	4,82	0,83	5,13	0,86	5,34	0,87
	28,0	4,23	0,82	4,38	0,84	4,59	0,85	4,69	0,86	5,00	0,89	5,21	0,91
	32,0	4,06	0,87	4,31	0,89	4,42	0,90	4,53	0,91	4,84	0,94	5,04	0,96
	35,0	3,93	0,91	4,18	0,92	4,30	0,94	4,40	0,95	4,71	0,98	4,92	1,00
	40,0	3,72	0,98	3,97	0,99	4,14	1,01	4,21	1,02	4,50	1,05	4,71	1,06
	43,0	3,60	1,02	3,84	1,04	4,01	1,05	4,10	1,06	4,38	1,09	4,58	1,11
2.5 + 2.5	10,0	4,69	0,71	4,89	0,72	5,08	0,74	5,18	0,75	5,47	0,78	5,66	0,80
	12,0	4,62	0,72	4,81	0,74	5,00	0,76	5,10	0,77	5,39	0,79	5,58	0,81
	15,0	4,50	0,75	4,69	0,77	4,89	0,79	4,98	0,79	5,27	0,82	5,47	0,84
	18,0	4,38	0,78	4,57	0,80	4,77	0,81	4,86	0,82	5,16	0,85	5,35	0,87
	20,0	4,30	0,80	4,50	0,82	4,69	0,84	4,79	0,84	5,08	0,87	5,27	0,89
	22,0	4,22	0,82	4,42	0,84	4,61	0,86	4,71	0,87	5,00	0,89	5,19	0,91
	25,0	4,11	0,85	4,30	0,87	4,49	0,89	4,59	0,90	4,88	0,93	5,07	0,94
	28,0	3,99	0,89	4,18	0,91	4,38	0,92	4,47	0,93	4,76	0,96	4,96	0,98
	32,0	3,83	0,94	4,03	0,96	4,22	0,97	4,32	0,98	4,61	1,01	4,80	1,03
	35,0	3,72	0,98	3,91	0,99	4,10	1,01	4,20	1,02	4,49	1,05	4,68	1,07
	40,0	3,52	1,05	3,71	1,06	3,91	1,08	4,00	1,09	4,29	1,12	4,49	1,13
	43,0	3,40	1,09	3,60	1,11	3,79	1,12	3,89	1,13	4,18	1,16	4,37	1,18
2.5 + 3.5	10,0	4,93	0,64	5,14	0,65	5,34	0,67	5,45	0,68	5,76	0,71	5,97	0,73
	12,0	4,85	0,65	5,05	0,67	5,26	0,69	5,36	0,70	5,67	0,72	5,88	0,74
	15,0	4,72	0,68	4,93	0,70	5,13	0,72	5,24	0,72	5,55	0,75	5,76	0,77
	18,0	4,59	0,71	4,80	0,73	5,01	0,74	5,11	0,75	5,42	0,78	5,63	0,80
	20,0	4,51	0,73	4,72	0,75	4,92	0,77	5,03	0,77	5,34	0,80	5,55	0,82
	22,0	4,43	0,75	4,63	0,77	4,84	0,79	4,94	0,80	5,26	0,82	5,46	0,84
	25,0	4,35	0,78	4,51	0,80	4,72	0,82	4,82	0,83	5,13	0,86	5,34	0,87
	28,0	4,23	0,82	4,38	0,84	4,59	0,85	4,69	0,86	5,00	0,89	5,21	0,91
	32,0	4,06	0,87	4,31	0,89	4,42	0,90	4,53	0,91	4,84	0,94	5,04	0,96
	35,0	3,93	0,91	4,18	0,92	4,30	0,94	4,40	0,95	4,71	0,98	4,92	1,00
	40,0	3,72	0,98	3,97	0,99	4,14	1,01	4,21	1,02	4,50	1,05	4,71	1,06
	43,0	3,60	1,02	3,84	1,04	4,01	1,05	4,10	1,06	4,38	1,09	4,58	1,11
3.0 + 3.5	10,0	4,93	0,64	5,14	0,65	5,34	0,67	5,45	0,68	5,76	0,71	5,97	0,73
	12,0	4,85	0,65	5,05	0,67	5,26	0,69	5,36	0,70	5,67	0,72	5,88	0,74
	15,0	4,72	0,68	4,93	0,70	5,13	0,72	5,24	0,72	5,55	0,75	5,76	0,77
	18,0	4,59	0,71	4,80	0,73	5,01	0,74	5,11	0,75	5,42	0,78	5,63	0

5 Capacity tables

5 - 1 Cooling Capacity Tables

2MXM40M

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
2.5 + 3.5	10,0	5,14	0,72	5,35	0,74	5,58	0,76	5,67	0,77	5,99	0,81	6,20	0,83
	12,0	5,06	0,74	5,27	0,76	5,48	0,78	5,59	0,79	5,90	0,83	6,12	0,85
	15,0	4,93	0,77	5,14	0,80	5,35	0,82	5,46	0,83	5,77	0,86	5,99	0,88
	18,0	4,80	0,81	5,01	0,83	5,22	0,85	5,33	0,86	5,65	0,89	5,86	0,91
	20,0	4,71	0,83	4,92	0,85	5,14	0,87	5,24	0,88	5,56	0,92	5,77	0,94
	22,0	4,63	0,86	4,84	0,88	5,05	0,90	5,16	0,91	5,47	0,94	5,69	0,96
	25,0	4,50	0,90	4,71	0,92	4,92	0,94	5,03	0,95	5,35	0,98	5,56	1,00
	28,0	4,37	0,94	4,58	0,96	4,79	0,98	4,90	0,99	5,22	1,02	5,43	1,04
	32,0	4,20	0,99	4,41	1,01	4,62	1,04	4,73	1,05	5,05	1,08	5,26	1,10
	35,0	4,07	1,04	4,28	1,06	4,49	1,08	4,60	1,09	4,92	1,12	5,13	1,14
	40,0	3,86	1,12	4,07	1,14	4,28	1,16	4,39	1,17	4,70	1,20	4,92	1,22
	43,0	3,73	1,17	3,94	1,19	4,15	1,21	4,26	1,22	4,58	1,25	4,79	1,28
	46,0	3,57	1,19	3,73	1,22	3,97	1,24	4,15	1,26	4,47	1,29	4,61	1,32

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:

2.0,3.5 kW class

Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature
[°C DB]

3D102417

5 Capacity tables

5 - 2 Heating Capacity Tables

2MXM40M

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
1.5	-10.0	2.07	0.86	2.01	0.87	1.96	0.88	1.94	0.88	1.91	0.89	1.86	0.90
	-7.0	2.32	0.89	2.26	0.90	2.21	0.91	2.19	0.91	2.16	0.92	2.11	0.93
	-5.0	2.48	0.91	2.43	0.92	2.38	0.93	2.36	0.93	2.33	0.94	2.28	0.95
	-2.0	2.73	0.94	2.68	0.95	2.63	0.96	2.61	0.96	2.58	0.97	2.53	0.98
	0.0	2.90	0.96	2.85	0.97	2.80	0.98	2.77	0.98	2.75	0.99	2.70	1.00
	1.0	2.98	0.97	2.93	0.98	2.88	0.99	2.86	0.99	2.83	1.00	2.78	1.01
	3.0	3.15	0.99	3.10	1.00	3.05	1.01	3.02	1.02	3.00	1.02	2.95	1.03
	6.0	3.40	1.02	3.35	1.03	3.30	1.04	3.27	1.05	3.25	1.05	3.20	1.06
	8.0	3.57	1.04	3.52	1.05	3.47	1.06	3.44	1.07	3.42	1.07	3.36	1.08
	10.0	3.74	1.06	3.69	1.07	3.63	1.08	3.61	1.09	3.58	1.09	3.53	1.10
	12.0	3.90	1.08	3.85	1.09	3.80	1.10	3.78	1.11	3.75	1.11	3.70	1.12
	15.0	4.15	1.11	4.10	1.12	4.05	1.13	4.03	1.14	4.00	1.14	3.95	1.15
	18.0	3.62	0.83	3.56	0.84	3.59	0.85	3.46	0.86	3.43	0.87	3.37	0.88
	-10.0	2.47	1.06	2.41	1.07	2.36	1.08	2.34	1.08	2.31	1.09	2.26	1.10
2.0	-7.0	2.72	1.09	2.66	1.10	2.61	1.11	2.59	1.11	2.56	1.12	2.51	1.13
	-5.0	2.88	1.11	2.83	1.12	2.78	1.13	2.76	1.13	2.73	1.14	2.68	1.15
	-2.0	3.13	1.14	3.08	1.15	3.03	1.16	3.01	1.16	2.98	1.17	2.93	1.18
	0.0	3.30	1.16	3.25	1.17	3.20	1.18	3.17	1.18	3.15	1.19	3.10	1.20
	1.0	3.38	1.17	3.33	1.18	3.28	1.19	3.26	1.19	3.23	1.20	3.18	1.21
	3.0	3.55	1.19	3.50	1.20	3.45	1.21	3.42	1.22	3.40	1.22	3.35	1.23
	6.0	3.80	1.22	3.75	1.23	3.70	1.24	3.67	1.25	3.65	1.25	3.60	1.26
	8.0	3.97	1.24	3.92	1.25	3.87	1.26	3.84	1.27	3.82	1.27	3.76	1.28
	10.0	4.14	1.26	4.09	1.27	4.03	1.28	4.01	1.29	3.98	1.29	3.93	1.30
	12.0	4.30	1.28	4.25	1.29	4.20	1.30	4.18	1.31	4.15	1.31	4.10	1.32
	15.0	4.55	1.31	4.50	1.32	4.45	1.33	4.43	1.34	4.40	1.34	4.35	1.35
	18.0	3.62	1.03	3.56	1.04	3.59	1.05	3.46	1.06	3.43	1.07	3.37	1.08
	-10.0	2.67	1.30	2.61	1.31	2.56	1.32	2.54	1.32	2.51	1.33	2.46	1.34
	-7.0	2.92	1.33	2.86	1.34	2.81	1.35	2.79	1.35	2.76	1.36	2.71	1.37
2.5	-5.0	3.28	1.35	3.13	1.36	3.08	1.37	3.06	1.37	3.03	1.38	2.98	1.39
	-2.0	3.53	1.38	3.48	1.39	3.43	1.40	3.41	1.40	3.38	1.41	3.33	1.42
	0.0	3.70	1.40	3.65	1.41	3.60	1.42	3.57	1.42	3.55	1.43	3.50	1.44
	1.0	3.78	1.41	3.73	1.42	3.68	1.43	3.66	1.43	3.63	1.44	3.58	1.45
	3.0	3.95	1.43	3.90	1.44	3.85	1.45	3.82	1.46	3.80	1.46	3.75	1.47
	6.0	4.20	1.46	4.15	1.47	4.10	1.48	4.07	1.49	4.05	1.49	4.00	1.50
	8.0	4.37	1.48	4.32	1.49	4.27	1.50	4.24	1.51	4.22	1.51	4.16	1.52
	10.0	4.54	1.50	4.49	1.51	4.43	1.52	4.41	1.53	4.38	1.53	4.33	1.54
	12.0	4.70	1.52	4.65	1.53	4.60	1.54	4.58	1.55	4.55	1.55	4.50	1.56
	15.0	4.55	1.39	4.50	1.41	4.45	1.43	4.43	1.45	4.40	1.47	4.35	1.49
	18.0	3.72	1.03	3.66	1.04	3.64	1.06	3.56	1.08	3.53	1.10	3.47	1.12
	-10.0	2.96	0.87	2.90	0.88	2.84	0.89	2.81	0.89	2.77	0.90	2.71	0.91
	-7.0	3.28	0.91	3.21	0.91	3.15	0.92	3.12	0.93	3.09	0.93	3.02	0.94
	-5.0	3.48	0.92	3.42	0.93	3.36	0.94	3.33	0.94	3.29	0.95	3.23	0.96
	-2.0	3.80	0.95	3.73	0.96	3.67	0.97	3.64	0.97	3.61	0.98	3.54	0.99

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
3.5	-10.0	2.93	1.45	2.87	1.47	2.81	1.48	2.78	1.49	2.75	1.50	2.69	1.51
	-7.0	3.23	1.49	3.17	1.51	3.11	1.53	3.08	1.53	3.05	1.54	2.99	1.56
	-5.0	3.43	1.52	3.37	1.54	3.31	1.55	3.28	1.56	3.25	1.57	3.19	1.59
	-2.0	3.73	1.57	3.67	1.58	3.61	1.60	3.57	1.60	3.54	1.61	3.48	1.63
	0.0	3.93	1.59	3.86	1.61	3.80	1.63	3.77	1.63	3.74	1.64	3.68	1.66
	1.0	4.02	1.61	3.96	1.62	3.90	1.64	3.87	1.65	3.84	1.65	3.78	1.67
	3.0	4.22	1.64	4.16	1.65	4.10	1.67	4.07	1.68	4.04	1.68	3.98	1.70
	6.0	4.52	1.68	4.46	1.69	4.40	1.71	4.37	1.72	4.34	1.73	4.28	1.74
	8.0	4.72	1.71	4.66	1.72	4.60	1.74	4.57	1.75	4.54	1.75	4.48	1.77
	10.0	4.92	1.74	4.86	1.75	4.80	1.77	4.77	1.77	4.74	1.78	4.68	1.80
	12.0	5.12	1.76	5.06	1.78	5.00	1.79	4.97	1.80	4.94	1.81	4.87	1.83
	15.0	4.79	1.41	4.71	1.43	4.64	1.45	4.60	1.47	4.57	1.49	4.49	1.51
	18.0	3.76	1.06	3.71	1.08	3.66	1.10	3.63	1.12	3.61	1.14	3.56	1.16
	-10.0	2.76	0.82	2.70	0.83	2.64	0.84	2.61	0.85	2.57	0.85	2.51	0.86
1.5 + 1.5	-7.0	3.08	0.86	3.01	0.86	2.95	0.87	2.92	0.88	2.89	0.88	2.82	0.89
	-5.0	3.28	0.87	3.22	0.88	3.16	0.89	3.13	0.89	3.09	0.90	3.03	0.91
	-2.0	3.60	0.90	3.53	0.91	3.47	0.92	3.44	0.92	3.41	0.93	3.34	0.94
	0.0	3.80	0.91	3.74	0.92	3.68	0.93	3.64	0.94	3.61	0.94	3.55	0.95
	1.0	3.91	0.92	3.84	0.93	3.78	0.94	3.75	0.95	3.72	0.95	3.65	0.96
	3.0	4.12	0.94	4.05	0.95	3.99	0.96	3.96	0.97	3.92	0.97	3.86	0.98
	6.0	4.43	0.97	4.36	0.98	4.30	0.99	4.27	1.00	4.24	1.00	4.17	1.01
	8.0	4.63	0.99	4.57	1.00	4.51	1.01	4.48	1.01	4.44	1.02	4.38	1.03
	10.0	4.84	1.01	4.78	1.02	4.72	1.03	4.68	1.03	4.65	1.04	4.59	1.05
	12.0	5.05	1.05	4.99	1.04	4.92	1.05	4.89	1.05	4.86	1.06	4.80	1.07
	15.0	5.56	1.05	5.30	1.06	5.23	1.07	5.20	1.08	5.17	1.08	5.11	1.09
	18.0	5.07	0.79	4.97	0.80	4.88	0.81	4.84	0.82	4.79	0.83	4.70	0.84
	-10.0	2.96	0.87	2.90	0.88	2.84	0.89	2.81	0.90	2.77	0.90	2.71	0.91
	-7.0	3.28	0.91	3.21	0.91	3.15	0.92	3.12	0.93	3.09	0.93	3.02	0.94
	-5.0	3.48	0.92	3.42	0.93	3.36	0.94	3.33	0.94	3.29	0.95	3.23	0.96
1.5 + 2.0	-2.0	3.80	0.95	3.73	0.96	3.67	0.97	3.64	0.97	3.61	0.98	3.54	0.99
	0.0	4.00	0.96	3.94	0.97	3.88	0.98	3.84	0.99	3.81	0.99	3.75	1.00
	1.0	4.11	0.97	4.04	0.98	3.98	0.99	3.95	1.00	3.92	1.00	3.85	1.01
	3.0	4.32	0.99	4.25	1.00	4.19	1.01	4.16	1.02	4.12	1.02	4.06	1.03
	6.0	4.63	1.02	4.56	1.03	4.50	1.04	4.47	1.05	4.44	1.05	4.37	1.06
	8.0	4.83	1.04	4.77	1.05	4.71	1.06	4.68	1.07	4.64	1.07	4.58	1.08
	10.0	5.04	1.06	4.98	1.07	4.92	1.08	4.88	1.09	4.85	1.09	4.79	1.10
	12.0	5.25	1.10	5.19	1.09	5.12	1.10	5.09	1.11	5.06	1.11	5.00	1.12
	15.0	5.76	1.12	5.50	1.13	5.43	1.14	5.40	1.15	5.37	1.15	5.31	1.16
	18.0	5.27	0.94	5.17	0.95	5.08	0.96	5.04	0.97	4.99	0.98	4.90	0.99

Notes

1. The capacities are based on the following conditions:

Corresponding refrigerant piping length: 5 m

Level difference: 0m

2. The bold cells indicate the standard conditions.

3. The values above are for connecting with the following indoor unit types:

1.5,2.0,2.5,3.5 kW class

Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI

5 Capacity tables

5 - 2 Heating Capacity Tables

2MXM40M

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	-10.0	3.06	0.93	3.00	0.94	2.94	0.95	2.91	0.96	2.87	0.96	2.81	0.97
	-7.0	3.38	0.97	3.31	0.97	3.25	0.98	3.22	0.99	3.19	0.99	3.12	1.00
	-5.0	3.58	0.98	3.52	0.99	3.46	1.00	3.43	1.00	3.39	1.01	3.33	1.02
	-2.0	3.90	1.01	3.83	1.02	3.77	1.03	3.74	1.03	3.71	1.04	3.64	1.05
	0.0	4.10	1.02	4.04	1.03	3.98	1.04	3.94	1.05	3.91	1.05	3.85	1.06
	1.0	4.21	1.03	4.14	1.04	4.08	1.05	4.05	1.06	4.02	1.06	3.95	1.07
	3.0	4.42	1.05	4.35	1.06	4.29	1.07	4.26	1.08	4.22	1.08	4.16	1.09
	6.0	4.73	1.08	4.66	1.09	4.60	1.10	4.57	1.11	4.54	1.11	4.47	1.12
	8.0	4.93	1.10	4.87	1.11	4.81	1.12	4.78	1.12	4.74	1.13	4.68	1.14
	10.0	5.14	1.12	5.08	1.13	5.02	1.14	4.98	1.14	4.95	1.15	4.89	1.16
	12.0	5.35	1.16	5.29	1.15	5.22	1.16	5.19	1.16	5.16	1.17	5.10	1.18
	15.0	5.86	1.16	5.60	1.17	5.53	1.18	5.50	1.19	5.47	1.19	5.41	1.20
	18.0	5.27	1.05	5.17	1.05	5.08	1.05	5.04	1.05	4.99	1.05	4.90	1.05
	-10.0	3.16	0.87	3.15	0.92	3.10	0.93	3.01	0.94	2.97	0.94	2.91	0.95
	-7.0	3.48	0.91	3.46	0.93	3.35	0.92	3.32	0.97	3.29	0.97	3.22	0.98
	-5.0	3.68	0.92	3.67	0.95	3.56	0.94	3.53	0.98	3.49	0.98	3.43	1.00
1.5 + 3.5	-2.0	4.00	0.95	3.98	0.98	3.87	0.97	3.84	1.01	3.81	1.01	3.74	1.02
	0.0	4.20	0.96	4.19	1.01	4.08	1.02	4.04	1.03	4.01	1.03	3.95	1.04
	1.0	4.31	0.97	4.29	1.02	4.18	1.03	4.15	1.04	4.12	1.04	4.05	1.05
	3.0	4.52	0.99	4.50	1.04	4.39	1.05	4.36	1.06	4.32	1.06	4.26	1.07
	6.0	4.83	1.02	4.81	1.07	4.70	1.08	4.68	1.09	4.64	1.09	4.57	1.10
	8.0	5.03	1.04	5.04	1.09	4.91	1.10	4.88	1.10	4.86	1.11	4.78	1.12
	10.0	5.24	1.06	5.25	1.11	5.12	1.12	5.13	1.12	5.10	1.13	4.99	1.14
	12.0	5.45	1.10	5.46	1.13	5.37	1.14	5.34	1.14	5.31	1.15	5.25	1.16
	15.0	5.96	1.10	5.77	1.15	5.68	1.16	5.65	1.17	5.62	1.17	5.56	1.18
	18.0	5.47	1.01	5.44	1.03	5.33	1.03	5.29	1.03	5.24	1.03	5.10	1.03
	-10.0	3.06	0.91	3.00	0.92	2.94	0.93	2.91	0.94	2.87	0.94	2.81	0.95
	-7.0	3.38	0.95	3.31	0.95	3.25	0.96	3.22	0.97	3.19	0.97	3.12	0.98
	-5.0	3.58	0.96	3.52	0.97	3.46	0.98	3.43	0.98	3.39	0.99	3.33	1.00
	-2.0	3.90	0.99	3.83	1.00	3.77	1.01	3.74	1.01	3.71	1.02	3.64	1.03
	0.0	4.10	1.00	4.04	1.01	3.98	1.02	3.94	1.03	3.91	1.03	3.85	1.04
	1.0	4.21	1.01	4.14	1.02	4.08	1.03	4.05	1.04	4.02	1.04	3.95	1.05
2.0 + 2.0	3.0	4.42	1.03	4.35	1.04	4.29	1.05	4.26	1.06	4.22	1.06	4.16	1.07
	6.0	4.73	1.06	4.66	1.07	4.60	1.08	4.57	1.09	4.54	1.09	4.47	1.10
	8.0	4.93	1.08	4.87	1.09	4.81	1.10	4.78	1.11	4.74	1.11	4.68	1.12
	10.0	5.14	1.10	5.08	1.11	5.02	1.12	4.98	1.12	4.95	1.13	4.89	1.14
	12.0	5.35	1.14	5.29	1.13	5.22	1.14	5.19	1.14	5.16	1.15	5.10	1.16
	15.0	5.86	1.14	5.60	1.16	5.53	1.17	5.50	1.18	5.47	1.18	5.41	1.19
	18.0	5.27	1.03	5.17	1.03	5.08	1.03	5.04	1.03	4.99	1.03	4.90	1.03

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	-10.0	3.06	0.92	3.10	0.93	3.01	0.94	2.96	0.95	2.92	0.95	2.86	0.96
	-7.0	3.38	0.96	3.41	0.96	3.32	0.97	3.29	0.98	3.26	0.98	3.19	0.99
	-5.0	3.58	0.97	3.62	0.98	3.53	0.99	3.50	0.99	3.46	1.00	3.40	1.01
	-2.0	3.90	1.00	3.93	1.01	3.84	1.02	3.81	1.02	3.78	1.03	3.71	1.04
	0.0	4.10	1.01	4.14	1.02	4.05	1.03	4.01	1.04	3.98	1.04	3.92	1.05
	1.0	4.21	1.02	4.24	1.03	4.15	1.04	4.12	1.05	4.09	1.05	4.02	1.06
	3.0	4.42	1.04	4.45	1.05	4.36	1.06	4.33	1.07	4.29	1.07	4.23	1.08
	6.0	4.73	1.07	4.76	1.08	4.70	1.09	4.67	1.10	4.64	1.10	4.57	1.11
	8.0	4.93	1.09	4.97	1.10	4.91	1.11	4.88	1.11	4.84	1.12	4.78	1.13
	10.0	5.14	1.11	5.18	1.12	5.12	1.13	5.08	1.13	5.05	1.14	4.99	1.15
	12.0	5.35	1.15	5.39	1.14	5.32	1.15	5.29	1.15	5.26	1.16	5.20	1.17
	15.0	5.86	1.15	5.70	1.16	5.63	1.17	5.60	1.18	5.57	1.18	5.51	1.19
	18.0	5.37	1.04	5.37	1.04	5.08	1.04	5.04	1.04	4.99	1.04	4.90	1.04
	-10.0	3.26	0.92	3.20	0.93	3.14	0.94	3.11	0.95	3.07	0.95	3.01	0.96
	-7.0	3.58	0.96	3.51	0.96	3.45	0.97	3.42	0.98	3.39	0.98	3.32	0.99
	-5.0	3.78	0.97	3.72	0.98	3.66	0.99	3.63	0.99	3.59	1.00	3.53	1.01
	-2.0	4.10	1.00	4.03	1.01	3.97	1.02	3.94	1.02	3.91	1.03	3.84	1.04
2.0 + 3.5	0.0	4.30	1.01	4.24	1.02	4.18	1.03	4.14	1.04	4.11	1.04	4.05	1.05
	1.0	4.41	1.02	4.34	1.03	4.28	1.04	4.25	1.05	4.22	1.05	4.15	1.06
	3.0	4.62	1.04	4.55	1.05	4.49	1.06	4.46	1.07	4.42	1.07	4.36	1.08
	6.0	4.93	1.07	4.86	1.08	4.80	1.09	4.87	1.10	4.74	1.10	4.67	1.11
	8.0	5.13	1.09	5.07	1.10	5.01	1.11	4.98	1.11	4.94	1.12	4.88	1.13
	10.0	5.34	1.11	5.28	1.12	5.22	1.13	5.18	1.13	5.15	1.14	5.09	1.15
	12.0	5.55	1.15	5.49	1.14	5.42	1.15	5.39	1.15	5.36	1.16	5.30	1.17
	15.0	6.06	1.15	5.80	1.16	5.73	1.17	5.70	1.18	5.67	1.18	5.61	1.19
	18.0	5.57	1.04	5.47	1.04	5.38	1.04	5.34	1.04	5.29	1.04	5.20	1.04
	-10.0	3.13	0.90	3.12	0.92	3.10	0.93	2.97	0.94	2.94	0.94	2.87	0.95
	-7.0	3.45	0.93	3.44	0.94	3.32	0.95	3.29	0.97	3.26	0.97	3.19	0.98
	-5.0	3.66	0.95	3.65	0.96	3.53	0.97	3.50	0.98	3.47	0.98	3.40	1.00
	-2.0	3.98	0.98	3.97	0.99	3.85	1.00	3.82	1.01	3.79	1.01	3.72	1.02
	0.0	4.19	1.00	4.18	1.01	4.06	1.02	4.03	1.03	4.00	1.03	3.93	1.04
	1.0	4.30	1.01	4.28	1.02	4.17	1.03	4.14	1.04	4.10	1.04	4.04	1.05
	3.0	4.51	1.03	4.50	1.04	4.38	1.05	4.35	1.06	4.32	1.06	4.25	1.07
2.5 + 2.5	6.0	4.83	1.06	4.81	1.07	4.70	1.08	4.67	1.09	4.64	1.09	4.57	1.10
	8.0	4.99	1.08	5.03	1.09	4.91	1.10	4.88	1.11	4.85	1.11	4.78	1.12
	10.0	5.19	1.10	5.24	1.11	5.12	1.12	5.09	1.12	5.06	1.13	4.99	1.14
	12.0	5.39	1.12	5.45	1.13	5.34	1.14	5.30	1.14	5.27	1.15	5.21	1.16
	15.0	5.88	1.13	5.77	1.16	5.66	1.17	5.62	1.17	5.59	1.18	5.53	1.19
	18.0	5.38	1.01	5.39	1.03	5.10	1.03	5.06	1.03	5.02	1.03	4.93	1.03

Notes

1. The capacities are based on the following conditions:

Corresponding refrigerant piping length: 5 m

Level difference: 0m

2. The bold cells indicate the standard conditions.

3. The values above are for connecting with the following indoor unit types:

1.5,2.0,2.5,3.5 kW class

Wall-mounted CTXM-M,FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature
[°C WB]

3D102273

5 Capacity tables

5 - 2 Heating Capacity Tables

2MXM40M

5

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
2.5 + 3.5	10,0	5,14	0,72	5,35	0,74	5,58	0,76	5,67	0,77	5,99	0,81	6,20	0,83
	12,0	5,06	0,74	5,27	0,76	5,48	0,78	5,59	0,79	5,90	0,83	6,12	0,85
	15,0	4,93	0,77	5,14	0,80	5,35	0,82	5,46	0,83	5,77	0,86	5,99	0,88
	18,0	4,80	0,81	5,01	0,83	5,22	0,85	5,33	0,86	5,65	0,89	5,86	0,91
	20,0	4,71	0,83	4,92	0,85	5,14	0,87	5,24	0,88	5,56	0,92	5,77	0,94
	22,0	4,63	0,86	4,84	0,88	5,05	0,90	5,16	0,91	5,47	0,94	5,69	0,96
	25,0	4,50	0,90	4,71	0,92	4,92	0,94	5,03	0,95	5,35	0,98	5,56	1,00
	28,0	4,37	0,94	4,58	0,96	4,79	0,98	4,90	0,99	5,22	1,02	5,43	1,04
	32,0	4,20	0,99	4,41	1,01	4,62	1,04	4,73	1,05	5,05	1,08	5,26	1,10
	35,0	4,07	1,04	4,28	1,06	4,49	1,08	4,60	1,09	4,92	1,12	5,13	1,14
	40,0	3,86	1,12	4,07	1,14	4,28	1,16	4,39	1,17	4,70	1,20	4,92	1,22
	43,0	3,73	1,17	3,94	1,19	4,15	1,21	4,26	1,22	4,58	1,25	4,79	1,28
	46,0	3,57	1,19	3,73	1,22	3,97	1,24	4,15	1,26	4,47	1,29	4,61	1,32

Notes

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

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature [°C DB]

3D102417

5 Capacity tables

5 - 2 Heating Capacity Tables

2MXM40M

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
2.5 + 3.5	-10,0	3,28	0,91	3,22	0,92	3,15	0,93	3,12	0,94	3,09	0,94	3,02	0,95
	-7,0	3,60	0,94	3,54	0,95	3,47	0,96	3,44	0,97	3,41	0,97	3,34	0,98
	-5,0	3,81	0,96	3,75	0,97	3,68	0,98	3,65	0,98	3,62	0,99	3,55	1,00
	-2,0	4,13	0,97	4,07	1,00	4,00	1,01	3,97	1,01	3,94	1,02	3,87	1,03
	0,0	4,34	0,99	4,28	1,01	4,21	1,03	4,18	1,03	4,15	1,04	4,08	1,05
	1,0	4,45	1,01	4,38	1,02	4,32	1,03	4,29	1,04	4,25	1,04	4,19	1,05
	3,0	4,66	1,03	4,60	1,04	4,53	1,05	4,50	1,06	4,47	1,06	4,40	1,07
	6,0	4,98	1,06	4,91	1,07	4,80	1,08	4,82	1,09	4,79	1,09	4,72	1,10
	8,0	5,19	1,08	5,13	1,09	5,06	1,10	5,03	1,10	5,00	1,11	4,93	1,12
	10,0	5,40	1,10	5,34	1,11	5,27	1,12	5,24	1,12	5,21	1,13	5,14	1,14
	12,0	5,62	1,11	5,55	1,12	5,49	1,13	5,45	1,14	5,42	1,14	5,36	1,15
	15,0	6,09	1,12	5,87	1,15	5,81	1,16	5,77	1,17	5,74	1,17	5,68	1,18
	18,0	5,67	1,03	5,58	1,03	5,48	1,03	5,44	1,03	5,39	1,03	5,30	1,03

Notes

1. The capacities are based on the following conditions:

Corresponding refrigerant piping length: 5 m

Level difference: 0m

2. The bold cells indicate the standard conditions.

3. The values above are for connecting with the following indoor unit types:

2.5,3.5 kW class

Wall-mounted FTXM-M series

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

② Outdoor air temperature
[°C WB]

3D102419

5 Capacity tables

5 - 2 Heating Capacity Tables

2MXM40M

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	TC	PI
1,5	-15,0	1,89	0,96	1,85	0,97	1,80	0,98	1,77	0,99	1,75	0,99	1,70	1,00		
	-11,0	2,23	1,01	2,18	1,02	2,14	1,03	2,11	1,04	2,09	1,04	2,04	1,05		
	-6,0	2,62	1,06	2,57	1,07	2,52	1,08	2,50	1,09	2,48	1,09	2,43	1,10		
	0,0	3,08	1,11	3,03	1,12	2,98	1,13	2,96	1,14	2,94	1,14	2,89	1,15		
	6,0	3,54	1,17	3,50	1,18	3,45	1,19	3,43	1,20	3,40	1,20	3,36	1,21		
	10,0	3,85	1,21	3,81	1,22	3,76	1,23	3,74	1,23	3,71	1,24	3,66	1,25		
	15,0	4,24	1,26	4,19	1,27	4,15	1,28	4,12	1,28	4,10	1,29	4,05	1,30		
2,0	-15,0	2,05	1,00	1,99	1,01	1,94	1,02	1,91	1,03	1,89	1,03	1,84	1,05		
	-11,0	2,38	1,05	2,33	1,06	2,28	1,07	2,25	1,08	2,23	1,08	2,18	1,10		
	-6,0	2,80	1,10	2,75	1,11	2,70	1,12	2,67	1,13	2,65	1,14	2,60	1,15		
	0,0	3,30	1,15	3,25	1,17	3,20	1,18	3,17	1,18	3,15	1,19	3,10	1,20		
	6,0	3,80	1,22	3,75	1,23	3,70	1,24	3,67	1,25	3,65	1,25	3,60	1,26		
	10,0	4,14	1,26	4,09	1,27	4,03	1,28	4,01	1,29	3,98	1,29	3,93	1,30		
	15,0	4,55	1,31	4,50	1,32	4,45	1,33	4,43	1,34	4,40	1,35	4,35	1,36		
2,5	-15,0	2,27	1,21	2,21	1,24	2,16	1,25	2,13	1,26	2,10	1,27	2,04	1,29		
	-11,0	2,64	1,25	2,58	1,27	2,53	1,28	2,50	1,29	2,47	1,29	2,41	1,31		
	-6,0	3,10	1,31	3,05	1,33	2,99	1,34	2,96	1,35	2,93	1,36	2,88	1,37		
	0,0	3,66	1,38	3,60	1,39	3,54	1,40	3,51	1,41	3,49	1,42	3,43	1,43		
	6,0	4,21	1,45	4,16	1,47	4,10	1,48	4,07	1,49	4,04	1,49	3,99	1,51		
	10,0	4,58	1,50	4,53	1,52	4,47	1,53	4,44	1,54	4,41	1,54	4,36	1,56		
	15,0	4,85	1,48	4,77	1,48	4,69	1,48	4,65	1,48	4,61	1,48	4,54	1,48		
3,5	-15,0	2,55	1,48	2,48	1,50	2,42	1,52	2,39	1,53	2,35	1,54	2,29	1,56		
	-11,0	2,93	1,45	2,87	1,47	2,81	1,48	2,78	1,49	2,75	1,50	2,69	1,51		
	-6,0	3,43	1,52	3,37	1,54	3,31	1,55	3,28	1,56	3,25	1,57	3,19	1,58		
	0,0	3,93	1,59	3,86	1,61	3,80	1,62	3,77	1,63	3,74	1,64	3,68	1,66		
	6,0	4,52	1,68	4,46	1,69	4,40	1,71	4,37	1,72	4,34	1,73	4,28	1,74		
	10,0	4,92	1,74	4,86	1,75	4,80	1,77	4,77	1,77	4,74	1,78	4,68	1,80		
	15,0	4,77	1,50	4,70	1,50	4,62	1,50	4,59	1,50	4,55	1,50	4,48	1,50		
1.5+1.5	-15,0	2,40	0,78	2,34	0,79	2,28	0,80	2,25	0,80	2,22	0,81	2,16	0,82		
	-11,0	2,88	0,82	2,82	0,83	2,76	0,84	2,73	0,85	2,70	0,85	2,64	0,86		
	-6,0	3,36	0,87	3,30	0,88	3,24	0,89	3,21	0,89	3,18	0,90	3,12	0,91		
	0,0	3,84	0,92	3,78	0,93	3,72	0,94	3,69	0,94	3,66	0,95	3,61	0,96		
	6,0	4,42	0,97	4,36	0,98	4,30	0,99	4,27	1,00	4,24	1,00	4,18	1,01		
	10,0	4,80	1,01	4,74	1,02	4,68	1,03	4,66	1,03	4,63	1,04	4,57	1,05		
	15,0	5,28	1,05	5,22	1,06	5,17	1,07	5,14	1,08	5,11	1,08	5,05	1,09		
1.5+2.0	-15,0	2,52	0,82	2,46	0,83	2,40	0,84	2,37	0,84	2,33	0,85	2,27	0,86		
	-11,0	3,02	0,87	2,96	0,88	2,90	0,89	2,87	0,89	2,83	0,90	2,77	0,91		
	-6,0	3,52	0,92	3,46	0,93	3,40	0,94	3,37	0,94	3,34	0,95	3,27	0,96		
	0,0	4,02	0,96	3,96	0,97	3,90	0,98	3,87	0,99	3,84	0,99	3,78	1,00		
	6,0	4,62	1,02	4,56	1,03	4,50	1,04	4,47	1,05	4,44	1,05	4,38	1,06		
	10,0	5,02	1,06	4,96	1,07	4,90	1,08	4,87	1,08	4,84	1,09	4,78	1,10		
	15,0	5,53	1,10	5,46	1,11	5,40	1,13	5,37	1,13	5,34	1,14	5,28	1,15		

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	-15,0	2,55	0,87	2,49	0,88	2,43	0,89	2,39	0,89	2,36	0,90	2,30	0,91		
	-11,0	3,07	0,92	3,01	0,93	2,95	0,94	2,91	0,94	2,88	0,95	2,82	0,96		
	-6,0	3,59	0,97	3,53	0,98	3,46	0,99	3,43	0,99	3,40	1,00	3,34	1,01		
	0,0	4,11	1,02	4,04	1,03	3,98	1,04	3,95	1,05	3,92	1,05	3,85	1,06		
	6,0	4,73	1,08	4,66	1,09	4,60	1,10	4,57	1,11	4,54	1,11	4,47	1,12		
	10,0	5,14	1,12	5,08	1,13	5,01	1,14	4,98	1,15	4,95	1,15	4,89	1,16		
	15,0	5,66	1,17	5,59	1,18	5,53	1,19	5,50	1,20	5,47	1,20	5,40	1,21		
1.5+3.5	-15,0	2,60	0,85	2,54	0,86	2,47	0,87	2,44	0,88	2,41	0,88	2,34	0,89		
	-11,0	3,13	0,90	3,07	0,91	3,00	0,92	2,97	0,93	2,94	0,93	2,87	0,94		
	-6,0	3,66	0,95	3,60	0,96	3,53	0,97	3,50	0,98	3,47	0,98	3,40	0,99		
	0,0	4,19	1,00	4,13	1,01	4,06	1,02	4,03	1,03	4,00	1,03	3,93	1,04		
	6,0	4,83	1,06	4,76	1,07	4,70	1,08	4,67	1,09	4,64	1,09	4,57	1,10		
	10,0	5,25	1,10	5,19	1,11	5,12	1,12	5,09	1,12	5,06	1,13	4,99	1,14		
	15,0	5,79	1,15	5,72	1,16	5,66	1,17	5,62	1,17	5,59	1,18	5,53	1,19		
2.0+2.0	-15,0	2,54	0,85	2,48	0,87	2,42	0,88	2,39	0,88	2,35	0,89	2,29	0,90		
	-11,0	3,06	0,90	3,00	0,92	2,94	0,93	2,91	0,93	2,87	0,94	2,81	0,95		
	-6,0	3,58	0,95	3,52	0,96	3,46	0,97	3,43	0,98	3,39	0,98	3,33	1,00		
	0,0	4,10	1,00	4,04	1,01	3,98	1,02	3,94	1,03	3,91	1,03	3,85	1,04		
	6,0	4,73	1,06	4,66	1,07	4,60	1,08	4,57	1,09	4,54	1,09	4,47	1,10		
	10,0	5,14	1,10	5,08	1,11	5,02	1,12	4,98	1,12	4,95	1,13	4,89	1,14		
	15,0	5,66	1,15	5,60	1,16	5,53	1,17	5,50	1,17	5,47	1,18	5,41	1,19		
2.0+2.5	-15,0	2,60	0,86	2,54	0,87	2,47	0,88	2,44	0,89	2,41	0,89	2,34	0,90		
	-11,0	3,13	0,91	3,07	0,92	3,00	0,93	2,97	0,94	2,94	0,94	2,87	0,95		
	-6,0	3,66	0,96	3,60	0,97	3,53	0,98	3,50	0,99	3,47	0,99	3,40	1,00		
	0,0	4,19	1,01	4,13	1,02	4,06	1,03	4,03	1,04	4,00	1,04	3,93	1,05		
	6,0	4,83	1,07	4,76	1,08	4,70	1,09	4,67	1,10	4,64	1,10	4,57	1,11		
	10,0	5,25	1,11	5,19	1,12	5,12	1,13	5,09	1,14	5,06	1,14	4,99	1,15		
	15,0	5,79	1,16	5,72	1,17	5,66	1,18	5,62	1,19	5,59	1,19	5,53	1,20		
2.0+3.5	-15,0	2,70	0,86	2,64	0,87	2,57	0,88	2,54	0,89	2,51	0,89	2,44	0,90		
	-11,0	3,23	0,91	3,17	0,92	3,10	0,93	3,07	0,94	3,04	0,94	2,97	0,95		
	-6,0	3,76	0,96	3,70	0,97	3,63	0,98	3,60	0,99	3,57	0,99	3,50	1,00		
	0,0	4,29	1,01	4,23	1,02	4,16	1,03	4,13	1,04	4,10	1,04	4,03	1,05		
	6,0	4,93	1,07	4,86	1,08	4,80	1,09	4,77	1,10	4,74	1,10	4,67	1,11		
	10,0	5,35	1,11	5,29	1,12	5,22	1,13	5,19	1,13	5,16	1,14	5,09	1,15		
	15,0	5,89	1,16	5,82	1,17	5,76	1,18	5,72	1,18	5,69	1,19	5,63	1,20		
2.5+2.5	-15,0	2,60	0,85	2,54	0,86	2,47	0,87	2,44	0,88	2,41	0,88	2,34	0,89		
	-11,0	3,13	0,90	3,07	0,91	3,00	0,92	2,97	0,93	2,94	0,93	2,87	0,94		
	-6,0	3,66	0,95	3,60	0,96	3,53	0,97	3,50	0,98	3,47	0,98	3,40	0,99		
	0,0	4,19	1,00	4,13	1,01	4,06	1,02	4,03	1,03	4,00	1,03	3,93	1,04		
	6,0	4,83	1,06	4,76	1,07	4,70	1,08	4,67	1,09	4,64	1,09	4,57	1,10		
	10,0	5,25	1,10	5,19	1,11	5,12	1,12	5,09	1,12	5,06	1,13	4,99	1,14		
	15,0	5,79	1,15	5,72	1,16	5,66	1,17	5,62	1,17	5,59	1,18	5,53	1,19		

5 Capacity tables

5 - 2 Heating Capacity Tables

2MXM40M

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
2.5+3.5	-15,0	2,70	0,85	2,64	0,86	2,57	0,87	2,54	0,88	2,51	0,89	2,44	0,90
	-11,0	3,23	0,90	3,17	0,91	3,10	0,92	3,07	0,93	3,04	0,94	2,97	0,95
	-6,0	3,76	0,95	3,70	0,96	3,63	0,97	3,60	0,98	3,57	0,98	3,50	0,99
	0,0	4,29	1,00	4,23	1,01	4,16	1,02	4,13	1,03	4,10	1,03	4,03	1,04
	6,0	4,93	1,06	4,86	1,07	4,80	1,08	4,77	1,09	4,74	1,09	4,67	1,10
	10,0	5,35	1,10	5,29	1,11	5,22	1,12	5,19	1,12	5,16	1,13	5,09	1,14
	15,0	5,89	1,15	5,82	1,16	5,76	1,17	5,72	1,17	5,69	1,18	5,63	1,19

Notes

- The capacities are based on the following conditions:
Corresponding refrigerant piping length: 5 m
Level difference: 0m
- The bold cells indicate the standard conditions.
- The values above are for connecting with the following indoor unit types:
2.0,2.5,3.5,5.0 kW class
Wall-mounted ATXM-M series
- The heating capacity does not include the capacity drop that occurs during a frosting period and defrost operation.

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

① Indoor unit combinations

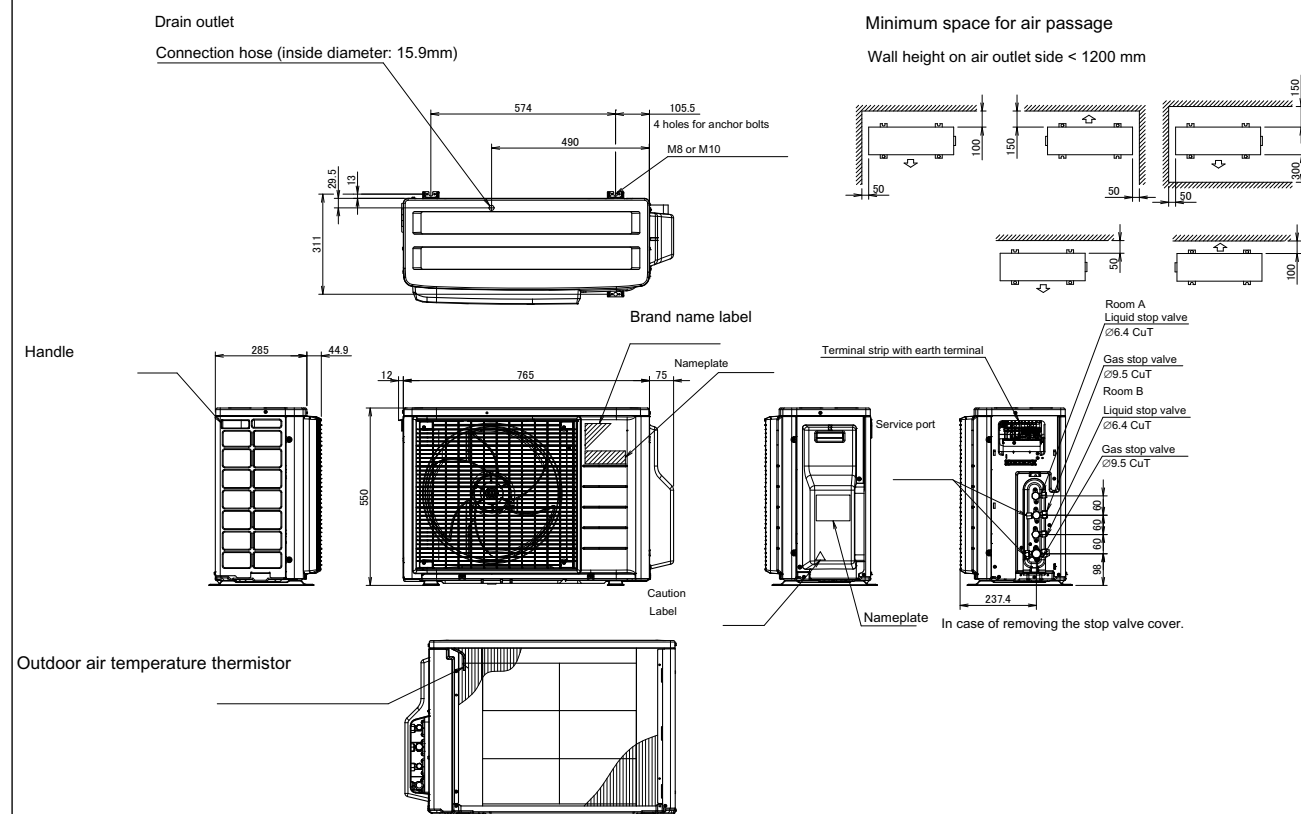
② Outdoor air temperature [°C WB]

3D104456

6 Dimensional drawings

6 - 1 Dimensional Drawings

2MXM40M

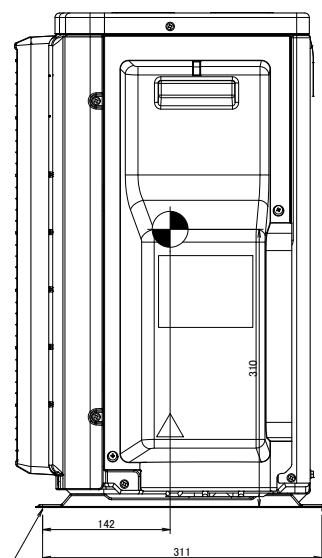
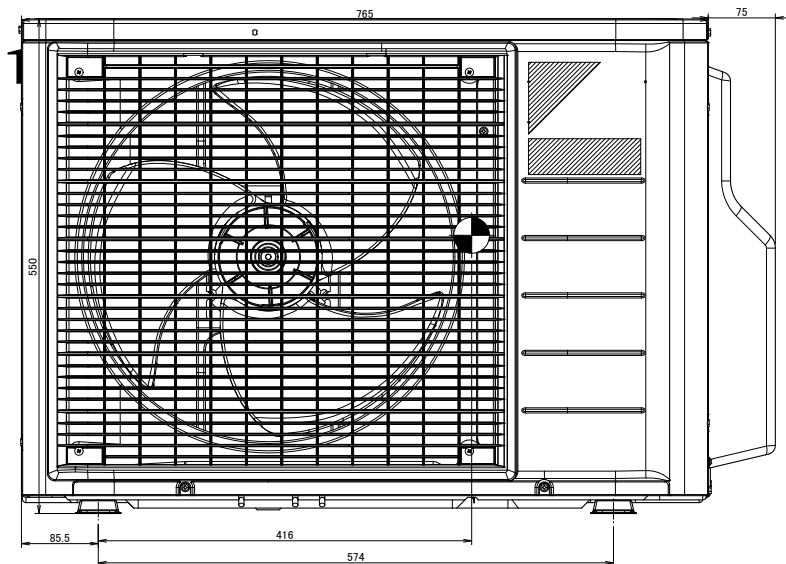


3D101252

7 Centre of gravity

7 - 1 Centre of Gravity

2MXM40M



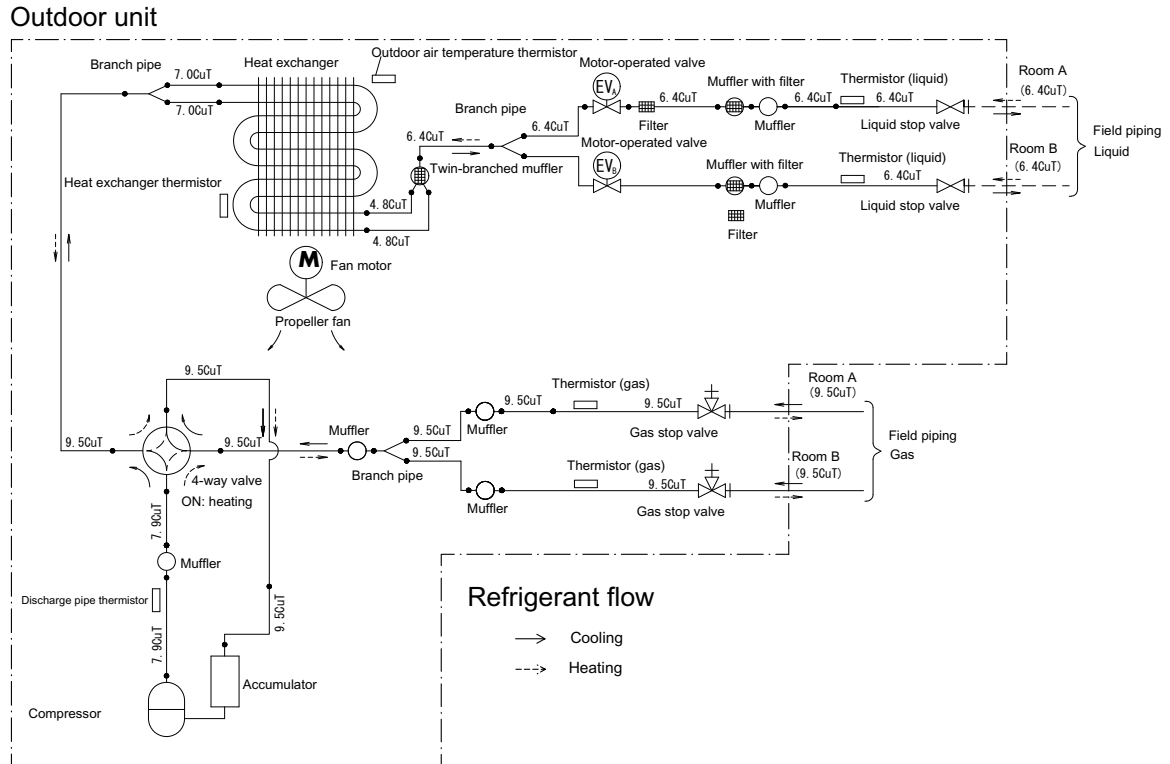
Foundation bolt hole

4D101315A

8 Piping diagrams

8 - 1 Piping Diagrams

2MXM40M



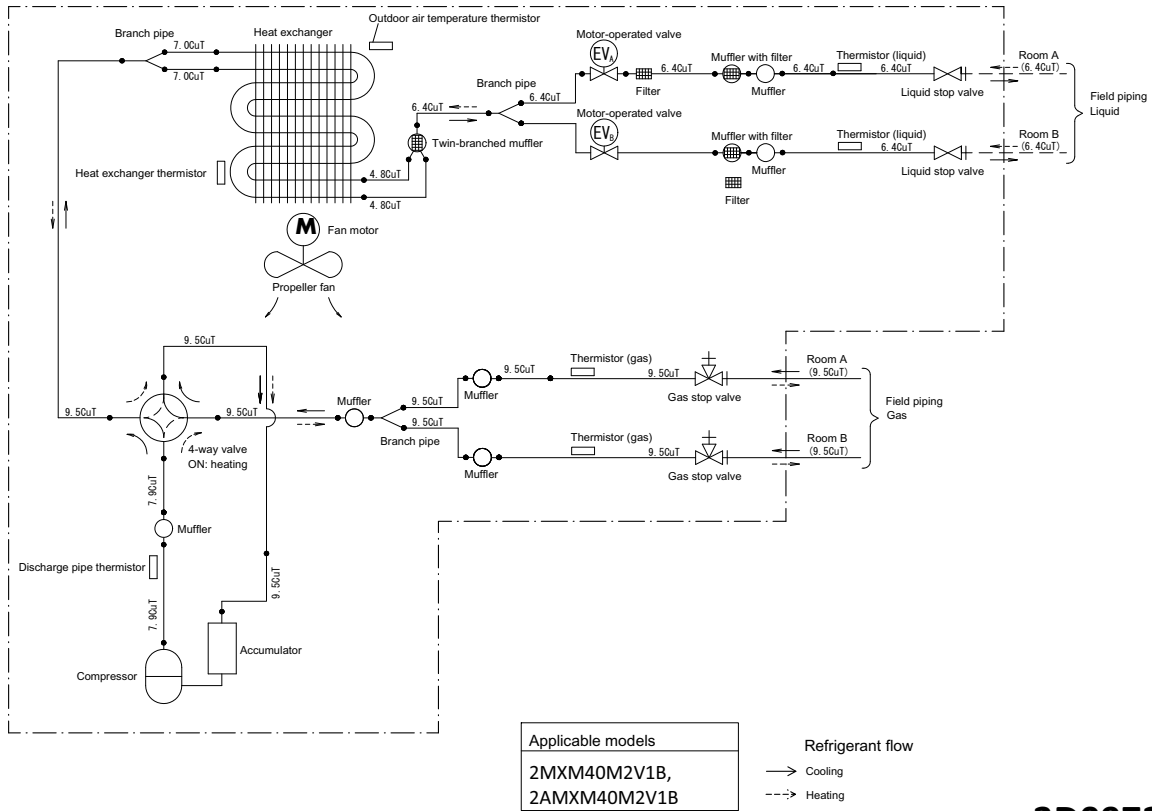
3D097255A

9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

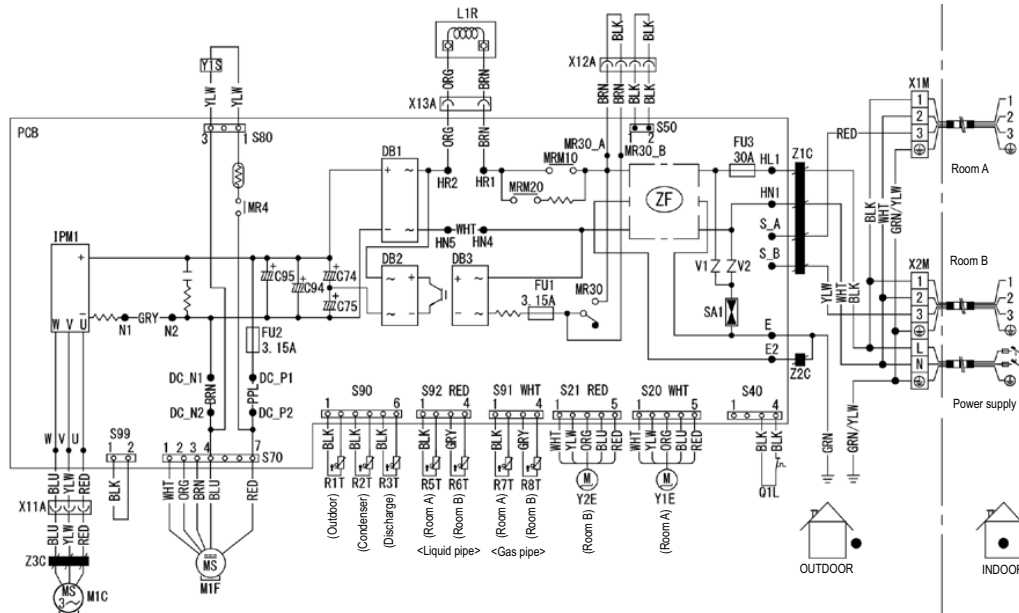
2MXM40M

Outdoor unit



3D097255

2MXM40M



LEGEND

C74, C75, C94, C95	Capacitor
DB1, DB2, DB3	Diode bridge
FU1, FU2, FU3	Fuse
IPM1	Intelligent power module
L1R	Reactor
M1C	Compressor motor
M1F	Fan motor
MRM10, MRM20	Magnetic relay
MR4, MR20	Magnetic relay
PCB	Printed circuit board
QTL	Overload protector
R1T-R8T	Thermistor

SA1	Surge arrester
V4, V5	Varistor
X1M-X2M	Terminal strip with earth terminal
Y1E-Y2E	Electronic expansion valve coil
Y1S	Reversing solenoid valve coil
ZF	Noise filter
Z1C-Z3C	Ferrite core
S2-S502	Connector
U, V, W	Connector
X11A-X13A	Connector
S99	Heating-to-cooling changeover

	Field wiring
	Screw terminal
	Connector
WHT: white	GRY: grey
BLK: black	ORG: orange
BLU: blue	RED: red
BRN: brown	YW: yellow
GRN: green	

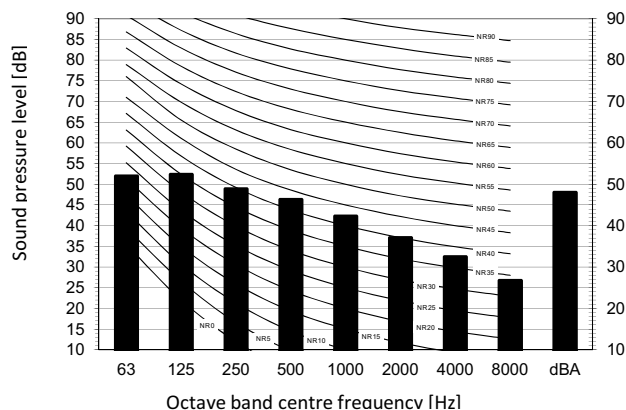
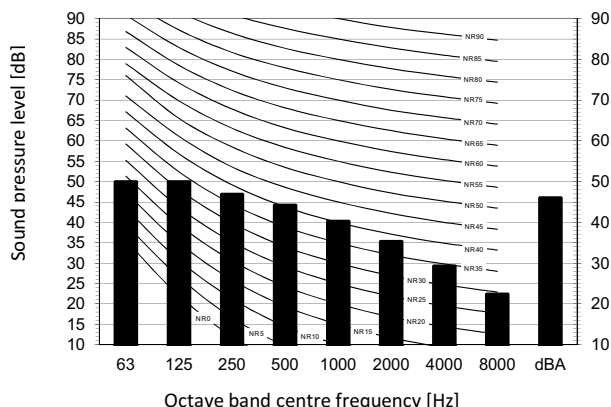
3D100356

10 Sound data

10 - 1 Sound Pressure Spectrum

10

2MXM40M



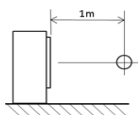
Legend

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

A Scale

B Fan speed: High

Location of microphone



Cooling

Total dB

A	B
dBA	46

Heating

Total dB

A	B
dBA	48

Notes

- 1 Background noise already taken into account.
- 2 Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
- 3 Operating noise varies depending on operation and ambient conditions.
- 4 The operation noise measuring method is in accordance with JISC 9612.
- 5 Measuring location: anechoic chamber

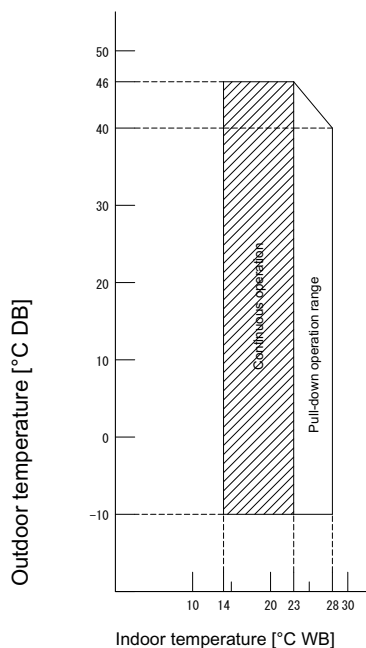
3D102207A

11 Operation range

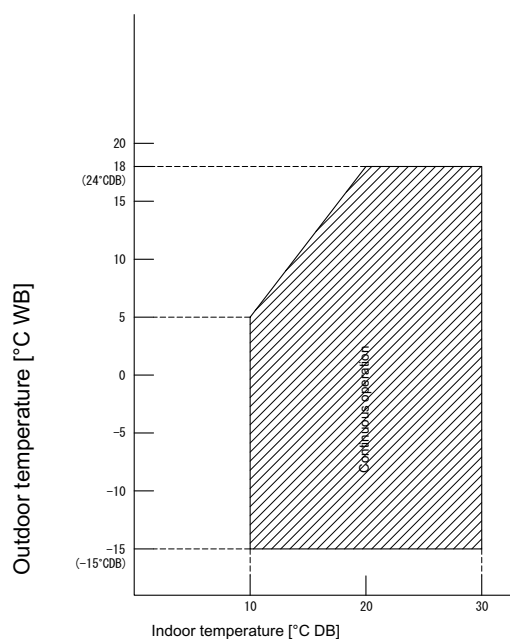
11 - 1 Operation Range

2MXM40M

Cooling



Heating



Notes

1. The graph is based on the following conditions.

Corresponding refrigerant piping length: 5 m

Level difference: 0m

Air flow rate High

3D101376

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