EEDEN26A

Multi model application
Air Conditioning Technical Data
2MXF-B

2MXF40B2V1B
2MXF50B2V1B

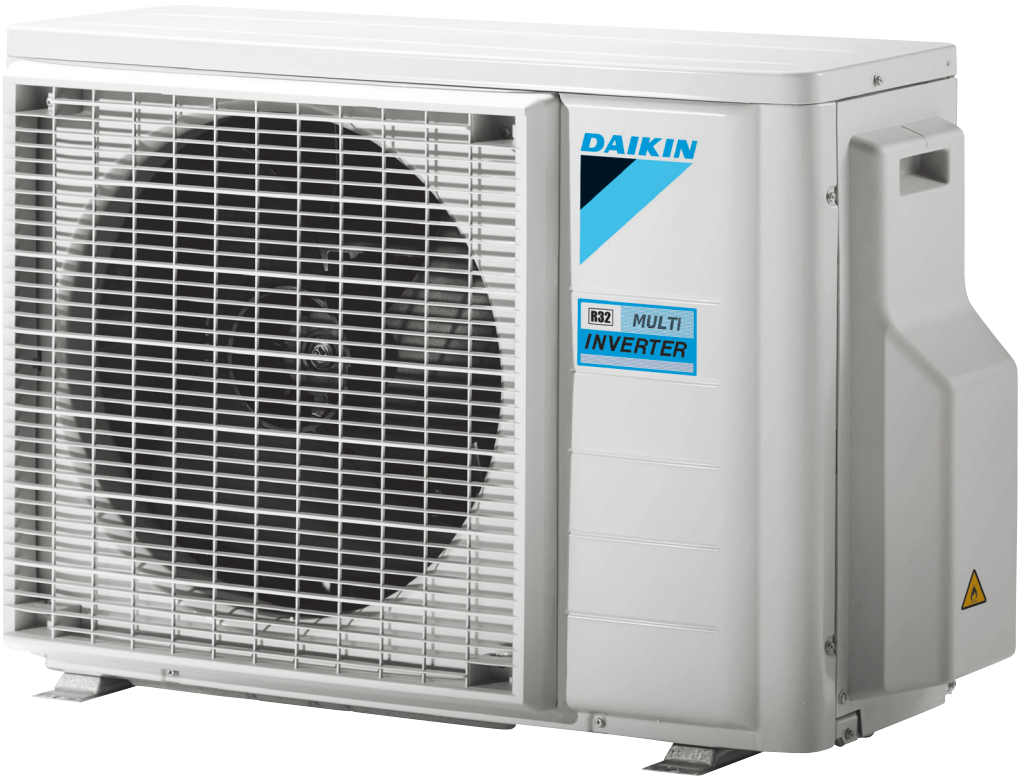
TABLE OF CONTENTS

2MXF-B

1 Features

1 - 1 2MXF-B

› 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

Inverter

2 Specifications

2 - 1 Specifications

Technical specifications					2MXF40B	2MXF50B
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	41
	Packed unit			kg	38	43
Heat exchanger	Length			mm	805	810
	Rows	Quantity			2	
	Fin pitch			mm	1.50	
	Stages	Quantity			24	
	Passes	Quantity			3.2	
	Tube type				7.0 Hi-XD	8.1 Hi-XA
	Tube diameter			mm	7.0	8.1
	Fin	Type			WF fin	
		Treatment			Anti-corrosion treatment	
Fan	Type				Propeller fan	
	Discharge direction				Horizontal	
	Quantity				1	
	Air flow rate	Cooling	High	m^3/min	36	37
				cfm	1,271	1,306
			Medium	m^3/min	33	34
				cfm	1,165	1,200
			Silent operation	m^3/min	20	
				cfm	706	
		Heating	High	m^3/min	32	34
				cfm	1,130	1,200
			Medium	m^3/min	32	34
				cfm	1,130	1,200
			Silent operation	m^3/min	18	22
				cfm	636	777
Fan motor	Quantity				1	
	Model				LFD-280-23-8F	
	Output			W	50	
	Speed	Cooling	High	rpm	900	950
			Medium	rpm	840	890
			Super low	rpm	500	
		Heating	High	rpm	820	890
			Super low	rpm	320	500
Compressor	Quantity				1	
	Model				1YC25GXD#C	2YC40JXD#C
	Oil Amount			cm^3	375	650
	Type				Hermetically sealed swing compressor	
	Output			W	800	1,300
	Oil Type				FW68DA	
	Power input	Cooling	Nom.	W	970	1,246
		Heating	Nom.	W	981	1,372
Sound power level	Cooling	Nom.		dBA	60	61
	Heating	Nom.		dBA	62	
Sound power level - Low sound mode (Stb. 2020, 189)	Cooling	Nom.		dBA	60.0	61.0
	Heating	Nom.		dBA	62.0	
Sound pressure level	Cooling	High		dBA	46	48
	Heating	High		dBA	48	50
Refrigerant	Type				R-32	
	Charge			kg	0.84	1.09
	Charge			tCO2Eq	0.57	0.74
	Control				Expansion valve	
	GWP				675	
Piping connections	Liquid	Quantity			2	
		Type			Flare connection	
		OD		mm	6.40	
	Gas	Quantity			2	1
		Type			Flare connection	
		OD		mm	9.5	
	Drain	Quantity			1	
		Type			Drain Joint	
		OD		mm	16 (inner diameter of connecting hose)	
	Gas 2	Quantity			-	1
		Type			-	Flare connection
		OD		mm	-	12.70

2 Specifications

2 - 1 Specifications

Technical specifications					2MXF40B	2MXF50B
Piping connections	Piping length	OU - IU	Min.	m	3 (1)	
			Max.	m	20 (1)	
		System	Chargeless	m	20	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 20m)	
	Level difference	IU - OU	Max.	m	15.0	
		IU - IU	Max.	m	7.5	
	Heat insulation				Both liquid and gas pipes	
	Total piping length	System	Actual	m	30.0	
Capacity control	Method				Variable (inverter)	

Standard accessories: Installation manual;Quantity: 1;

Standard accessories: Drain plug;Quantity: 1;

Standard accessories: Screw bag;Quantity: 1;

Standard accessories: Reducer assembly;Quantity: 1;

Electrical specifications				2MXF40B	2MXF50B
Power supply	Phase			1~	
	Frequency		Hz	50	
	Voltage		V	220-230-240	
Wiring connections	For power supply	Quantity		3	
		Remark		Earth wire included	
	For connection with indoor	Quantity		4	
		Remark		Earth wire included	

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

3 Electrical data

3 - 1 Electrical Data

2MXF-B

Outdoor Unit	Power Supply			·RA· indoor units (·10·% safety factor) See note ·5·.		Other indoor units (·10·% safety factor)		Compressor		Outdoor Fan Motor	
Model Name	Hz	Voltage	Voltage Range	MCA	MFA	MCA	MFA	RHz	RLA	kW	FLA
2AMXF40B2V1B	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	9.80	16	9.80	16	-	5,1	0.040	0.17
	50	230							5,3		
	50	240							5,6		
2AMXF50B2V1B	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	12.83	16	12.83	16	-	5,9	0.042	0.18
	50	230							6,2		
	50	240							6,5		
2MXF40B2V1B	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	9.80	16	9.80	16	-	5,1	0.040	0.17
	50	230							5,3		
	50	240							5,6		
2MXF50B2V1B	50	220	Maximum ·50·Hz ·264·V Minimum ·50·Hz ·198·V	12.83	16	12.83	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.
5) Only for wall-mounted ·FTXF-F· 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 Combination table

4 - 1 Combination Table

2MXF40B

Notes

1) The total capacity of each connected indoor unit is up to ·6·kW.
2) The values mentioned in this document are for connecting with the following indoor unit types:
   · 2.0, 2.5, 3.5 · kW class
   Wall-mounted ·FTXF-F, CTXF-F· series
3) These indoor units can only be used in a multi-unit setup.
4) Cooling capacity conditions
   Indoor temperature ·27·°C DB / ·19·°C WB
   Outdoor temperature ·35·°C DB
5) Heating capacity conditions
   Indoor temperature ·20·°C DB
   Outdoor temperature ·7·°C DB / ·6·°C DB

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2MXF40B

Cooling ·230V 50Hz·

Outdoor unit	Indoor unit	Cooling capacity [kW]		Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room ·A·	Room ·B·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
2MXF40B2V1B	2.0	2,00	-	1,30	2,00	2,40	0,33	0,42	0,55	1,61	2,07	2,68	89
	2.5	2,50	-	1,30	2,50	3,00	0,33	0,59	0,77	1,61	2,87	3,76	89
	3.5	3,50	-	1,30	3,50	4,00	0,33	1,00	1,30	1,61	4,89	6,35	89
	2.0+2.0	2,00	2,00	1,50	4,00	4,20	0,30	1,03	1,16	1,47	5,01	5,64	89
	2.0+2.5	2,00	2,50	1,50	4,00	4,30	0,30	0,97	1,16	1,47	4,75	5,64	89
	2.0+3.5	1,82	3,18	1,50	4,00	4,40	0,30	0,96	1,20	1,47	4,70	5,88	89
	2.5+2.5	2,50	2,50	1,50	4,00	4,50	0,30	0,95	1,24	1,47	4,66	6,07	89
	2.5+3.5	2,08	2,92	1,50	4,00	4,60	0,30	0,94	1,23	1,47	4,61	6,02	89

Heating ·230V 50Hz·

Outdoor unit	Indoor unit	Heating capacity [kW]		Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room ·A·	Room ·B·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
2MXF40B2V1B	2.0	3,00	-	1,00	3,00	3,70	0,26	0,74	1,17	1,27	3,63	5,73	89
	2.5	3,40	-	1,00	3,40	4,10	0,26	0,91	1,40	1,27	4,46	6,82	89
	3.5	4,00	-	1,00	3,80	4,40	0,26	1,15	1,61	1,27	5,60	7,87	89
	2.0+2.0	2,60	2,60	1,30	4,20	4,60	0,24	1,02	1,06	1,17	5,00	5,18	89
	2.0+2.5	2,49	3,11	1,30	4,20	4,70	0,24	0,90	1,08	1,17	4,42	5,27	89
	2.0+3.5	2,04	3,56	1,30	4,20	4,70	0,24	0,90	1,06	1,17	4,37	5,18	89
	2.5+2.5	2,80	2,80	1,30	4,20	4,80	0,24	0,89	1,06	1,17	4,33	5,18	89
	2.5+3.5	2,33	3,27	1,30	4,20	4,80	0,24	0,88	1,06	1,17	4,29	5,18	89

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4 Combination table

4 - 1 Combination Table

2MXF50B

Notes

1) The total capacity of each connected indoor unit is up to ·7·kW.
2) The values mentioned in this document are for connecting with the following indoor unit types:
   · 2.0, 2.5, 3.5, 4.2 · kW class
   Wall-mounted ·FTXF-F, CTXF-F· series
3) These indoor units can only be used in a multi-unit setup.
4) Cooling capacity conditions
   Indoor temperature ·27·°C DB / ·19·°C WB
   Outdoor temperature ·35·°C DB
5) Heating capacity conditions
   Indoor temperature ·20·°C DB
   Outdoor temperature ·7·°C DB / ·6·°C DB

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2MXF50B

Cooling ·230V 50Hz·

Outdoor unit	Indoor unit	Cooling capacity [kW]		Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room ·A·	Room ·B·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
2MXF50B2V1B	2.0	2,00	-	1,40	2,00	2,60	0,31	0,47	0,65	1,51	2,30	3,16	89
	2.5	2,50	-	1,40	2,50	3,10	0,31	0,67	0,86	1,51	3,27	4,21	89
	3.5	3,50	-	1,40	3,50	4,00	0,31	1,09	1,33	1,51	5,32	6,51	89
	4,2	4,20	-	1,40	4,20	4,40	0,31	1,12	1,49	1,51	5,47	7,26	89
	2.0+2.0	2,00	2,00	1,80	4,00	5,00	0,43	1,12	1,39	2,10	5,47	6,78	89
	2.0+2.5	2,00	2,50	1,80	4,50	5,10	0,44	1,27	1,42	2,15	6,20	6,92	89
	2.0+3.5	1,82	3,18	1,80	5,00	5,20	0,46	1,48	1,54	2,25	7,23	7,51	89
	2.0+4.2	1,61	3,39	1,80	5,00	5,40	0,46	1,47	1,61	2,25	7,18	7,88	89
	2.5+2.5	2,50	2,50	1,80	5,00	5,40	0,46	1,49	1,55	2,25	7,25	7,56	89
	2.5+3.5	2,08	2,92	1,80	5,00	5,40	0,46	1,47	1,57	2,25	7,18	7,67	89
	2.5+4.2	1,87	3,13	1,80	5,00	5,40	0,46	1,47	1,57	2,25	7,18	7,65	89
	3.5+3.5	2,50	2,50	1,80	5,00	5,40	0,45	1,45	1,53	2,20	7,08	7,47	89

Heating ·230V 50Hz·

Outdoor unit	Indoor unit	Heating capacity [kW]		Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room ·A·	Room ·B·	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
2MXF50B2V1B	2.0	3,00	-	1,10	3,00	3,70	0,27	0,82	1,01	1,32	4,01	4,91	89
	2.5	3,40	-	1,10	3,40	4,10	0,25	0,99	1,19	1,22	4,84	5,82	89
	3.5	4,00	-	1,10	4,00	4,60	0,25	1,24	1,36	1,22	6,06	6,65	89
	4,2	4,60	-	1,10	4,60	5,70	0,25	1,32	1,36	1,22	6,45	6,64	89
	2.0+2.0	2,60	2,60	1,20	5,20	5,70	0,30	1,40	1,36	1,47	6,84	6,65	89
	2.0+2.5	2,49	3,11	1,20	5,60	5,80	0,30	1,50	1,38	1,47	7,33	6,74	89
	2.0+3.5	2,04	3,56	1,20	5,60	5,80	0,30	1,35	1,38	1,47	6,61	6,74	89
	2.0+4.2	1,81	3,79	1,20	5,60	5,90	0,30	1,49	1,39	1,47	7,28	6,78	89
	2.5+2.5	2,80	2,80	1,20	5,60	6,00	0,31	1,48	1,41	1,51	7,23	6,91	89
	2.5+3.5	2,33	3,27	1,20	5,60	6,00	0,33	1,48	1,43	1,61	7,23	6,99	89
	2.5+4.2	2,09	3,51	1,20	5,60	6,00	0,33	1,48	1,43	1,61	7,23	6,99	89
	3.5+3.5	2,80	2,80	1,30	5,60	6,10	0,33	1,47	1,43	1,61	7,18	7,00	89

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5 Capacity tables

5 - 1 Cooling Capacity Tables

2MXF40B

Symbols

TC: Total capacity [kW]

PI: Power input [kW]

①: Indoor unit combinations

②: Outdoor 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:
   ·2.0, 2.5, 3.5· kW class
   Wall-mounted ·FTXF-F, CTXF-F· series

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2MXF40B

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

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	10,0	4,91	0,79	5,14	0,82	5,38	0,84	5,50	0,84	5,83	0,86	6,07	0,91
	12,0	4,81	0,82	5,05	0,84	5,28	0,84	5,40	0,86	5,75	0,88	5,99	0,91
	15,0	4,65	0,84	4,89	0,86	5,12	0,89	5,24	0,88	5,59	0,93	5,83	0,96
	18,0	4,52	0,89	4,75	0,88	4,99	0,91	5,10	0,93	5,46	0,95	5,69	0,98
	20,0	4,42	0,91	4,65	0,93	4,89	0,93	-0,80	0,95	5,36	0,97	5,59	1,00
	22,0	4,34	0,93	4,57	0,96	4,79	0,98	4,91	0,98	5,26	1,00	5,50	1,02
	25,0	4,18	0,95	4,42	0,97	4,65	1,00	4,77	1,02	5,12	1,05	5,36	1,07
	28,0	4,05	1,00	4,28	1,02	4,52	1,05	4,63	1,07	4,99	1,09	5,22	1,11
	32,0	3,85	1,07	4,08	1,09	4,32	1,12	4,30	1,16	4,79	1,14	5,03	1,16
	35,0	3,71	1,11	3,95	1,14	4,18	1,16	4,30	1,16	4,65	1,18	4,89	1,20
	40,0	3,48	1,18	3,71	1,21	3,95	1,23	4,06	1,25	4,42	1,27	4,65	1,30
	43,0	3,34	1,25	3,57	1,25	3,81	1,27	3,93	1,30	4,28	1,32	4,52	1,34
	46,0	3,18	1,30	3,42	1,32	3,65	1,34	3,77	1,34	4,12	1,39	4,36	1,41
2.0+3.5	10,0	5,04	0,78	5,28	0,80	5,53	0,83	5,66	0,84	6,03	0,87	6,28	0,92
	12,0	4,93	0,80	5,18	0,83	5,43	0,85	5,56	0,86	5,93	0,89	6,18	0,92
	15,0	4,78	0,84	5,03	0,86	5,28	0,88	5,41	0,89	5,78	0,93	6,03	0,96
	18,0	4,63	0,87	4,88	0,90	5,13	0,92	5,25	0,94	5,63	0,98	5,88	1,00
	20,0	4,53	0,90	4,78	0,93	5,03	0,95	5,15	0,97	5,53	0,99	5,78	1,02
	22,0	4,43	0,93	4,68	0,96	4,93	0,98	5,05	1,00	5,43	1,03	5,68	1,05
	25,0	4,28	0,98	4,53	1,00	4,78	1,02	4,90	1,03	5,28	1,07	5,52	1,10
	28,0	4,13	1,02	4,38	1,05	4,63	1,07	4,75	1,08	5,13	1,12	5,37	1,14
	32,0	3,93	1,09	4,18	1,12	4,43	1,13	4,40	1,20	4,92	1,18	5,17	1,21
	35,0	3,78	1,14	4,03	1,16	4,28	1,19	4,40	1,20	4,77	1,24	5,02	1,27
	40,0	3,53	1,24	3,78	1,26	4,02	1,28	4,15	1,29	4,52	1,33	4,77	1,36
	43,0	3,38	1,29	3,62	1,32	4,87	1,34	4,00	1,35	4,37	1,39	4,62	1,41
	46,0	3,22	1,36	3,47	1,38	3,72	1,40	3,85	1,41	4,22	1,45	4,47	1,47
2.5+2.5	10,0	5,12	0,84	5,37	0,86	5,61	0,88	5,73	0,89	6,10	0,93	6,34	0,97
	12,0	5,02	0,86	5,27	0,88	5,51	0,90	5,64	0,92	6,00	0,95	6,25	0,97
	15,0	4,88	0,89	5,12	0,92	5,37	0,94	5,49	0,95	5,85	0,99	6,10	1,01
	18,0	4,73	0,93	4,97	0,95	5,22	0,98	5,34	0,99	5,71	1,03	5,95	1,04
	20,0	4,63	0,95	4,87	0,98	5,12	1,00	5,24	1,02	5,61	1,05	5,85	1,07
	22,0	4,53	0,98	4,78	1,01	5,02	1,03	5,14	1,04	5,51	1,08	5,75	1,10
	25,0	4,38	1,03	4,63	1,05	4,87	1,07	4,99	1,09	5,36	1,11	5,60	1,14
	28,0	4,24	1,07	4,48	1,10	4,72	1,11	4,85	1,13	5,21	1,16	5,46	1,19
	32,0	4,04	1,13	4,28	1,16	4,53	1,18	4,50	1,24	5,01	1,22	5,26	1,25
	35,0	3,89	1,19	4,13	1,20	4,38	1,23	4,50	1,24	4,87	1,28	5,11	1,30
	40,0	3,64	1,28	3,89	1,29	4,13	1,32	4,25	1,33	4,62	1,37	4,86	1,38
	43,0	3,49	1,33	3,74	1,35	3,98	1,37	4,11	1,38	4,47	1,42	4,72	1,45
	46,0	3,35	1,38	3,59	1,41	3,83	1,44	3,96	1,45	4,32	1,48	4,57	1,50
2.5+3.5	10,0	5,24	0,82	5,48	0,85	5,73	0,87	5,86	0,88	6,23	0,91	6,48	0,97
	12,0	5,13	0,85	5,39	0,87	5,63	0,89	5,76	0,91	6,13	0,94	6,38	0,97
	15,0	4,98	0,88	5,23	0,91	5,48	0,92	5,60	0,94	5,97	0,97	6,23	1,00
	18,0	4,84	0,91	5,08	0,94	5,33	0,96	5,45	0,97	5,83	1,01	6,07	1,03
	20,0	4,73	0,95	4,98	0,96	5,23	0,99	5,36	1,00	5,73	1,03	5,97	1,06
	22,0	4,63	0,98	4,88	0,99	5,13	1,02	5,26	1,03	5,63	1,07	5,88	1,08
	25,0	4,48	1,02	4,73	1,03	4,98	1,06	5,10	1,08	5,47	1,11	5,73	1,13
	28,0	4,33	1,06	4,58	1,08	4,83	1,10	4,95	1,12	5,33	1,15	5,57	1,18
	32,0	4,13	1,12	4,37	1,14	4,63	1,17	4,60	1,23	5,12	1,21	5,38	1,24
	35,0	3,98	1,17	4,23	1,20	4,47	1,22	4,60	1,23	4,97	1,26	5,22	1,29
	40,0	3,73	1,26	3,97	1,29	4,23	1,31	4,34	1,32	4,72	1,36	4,97	1,38
	43,0	3,58	1,31	3,82	1,34	4,07	1,37	4,20	1,38	4,57	1,41	4,82	1,43
	46,0	3,42	1,38	3,68	1,40	3,92	1,43	4,05	1,43	4,42	1,47	4,67	1,49

4D162841

5 Capacity tables

5 - 1 Cooling Capacity Tables

2MXF50B

Symbols

TC: Total capacity [kW]
PI: Power input [kW]
①: Indoor unit combinations
②: Outdoor 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:
   ·2.0, 2.5, 3.5, 4.2· kW class
   Wall-mounted ·FTXF-F, CTXF-F· series

4D162843

2MXF50B

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

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	10,0	4,88	1,09	5,06	1,12	5,25	1,14	5,34	1,14	5,60	1,17	5,78	1,22
	12,0	4,80	1,12	4,98	1,14	5,17	1,14	5,26	1,17	5,54	1,19	5,72	1,22
	15,0	4,68	1,14	4,86	1,17	5,05	1,19	5,14	1,19	5,42	1,24	5,60	1,27
	18,0	4,57	1,19	4,75	1,19	4,94	1,22	5,03	1,24	5,31	1,27	5,49	1,29
	20,0	4,49	1,22	4,68	1,24	4,86	1,24	4,95	1,27	5,23	1,29	5,42	1,31
	22,0	4,43	1,24	4,62	1,27	4,78	1,29	4,88	1,29	5,15	1,31	5,34	1,34
	25,0	4,31	1,27	4,49	1,29	4,68	1,31	4,77	1,34	5,05	1,36	5,23	1,39
	28,0	4,20	1,31	4,38	1,34	4,57	1,36	4,66	1,39	4,94	1,41	5,12	1,44
	32,0	4,05	1,39	4,23	1,41	4,42	1,44	4,40	1,49	4,78	1,46	4,97	1,49
	35,0	3,94	1,44	4,12	1,46	4,31	1,49	4,40	1,49	4,68	1,51	4,86	1,53
	40,0	3,75	1,51	3,94	1,53	4,12	1,56	4,22	1,58	4,49	1,61	4,68	1,63
	43,0	3,65	1,58	3,83	1,58	4,02	1,61	4,11	1,63	4,38	1,66	4,57	1,68
	46,0	3,52	1,63	3,71	1,66	3,89	1,68	3,98	1,68	4,26	1,73	4,45	1,76
2.0+2.0	10,0	5,60	1,03	5,83	1,05	6,06	1,08	6,17	1,07	6,50	1,09	6,73	1,14
	12,0	5,50	1,05	5,73	1,08	5,96	1,07	6,08	1,10	6,42	1,12	6,65	1,14
	15,0	5,35	1,07	5,58	1,10	5,81	1,12	5,92	1,12	6,27	1,16	6,50	1,19
	18,0	5,21	1,12	5,44	1,12	5,67	1,14	5,79	1,16	6,13	1,18	6,37	1,21
	20,0	5,12	1,14	5,35	1,17	5,58	1,16	0,00	1,19	6,04	1,21	6,27	1,23
	22,0	5,04	1,17	5,27	1,19	5,48	1,21	5,60	1,21	5,94	1,23	6,17	1,25
	25,0	4,88	1,18	5,12	1,21	5,35	1,23	5,46	1,25	5,81	1,28	6,04	1,30
	28,0	4,75	1,23	4,98	1,25	5,21	1,28	5,33	1,30	5,67	1,32	5,90	1,34
	32,0	4,56	1,30	4,79	1,32	5,02	1,34	5,00	1,39	5,48	1,36	5,71	1,39
	35,0	4,42	1,34	4,65	1,37	4,88	1,39	5,00	1,39	5,35	1,41	5,58	1,43
	40,0	4,19	1,41	4,42	1,43	4,65	1,45	4,77	1,48	5,12	1,50	5,35	1,52
	43,0	4,06	1,48	4,29	1,48	4,52	1,50	4,63	1,52	4,98	1,54	5,21	1,57
	46,0	3,90	1,52	4,13	1,55	4,37	1,57	4,48	1,57	4,83	1,61	5,06	1,64
2.0+2.5	10,0	5,71	1,05	5,94	1,07	6,18	1,10	6,30	1,10	6,63	1,12	6,87	1,16
	12,0	5,61	1,07	5,85	1,10	6,08	1,09	6,20	1,12	6,55	1,14	6,79	1,16
	15,0	5,45	1,10	5,69	1,12	5,92	1,14	6,04	1,14	6,39	1,19	6,63	1,21
	18,0	5,32	1,14	5,55	1,14	5,79	1,16	5,90	1,19	6,26	1,21	6,49	1,23
	20,0	5,22	1,17	5,45	1,19	5,69	1,19	0,00	1,21	6,16	1,23	6,39	1,25
	22,0	5,14	1,19	5,37	1,21	5,59	1,24	5,71	1,23	6,06	1,25	6,30	1,28
	25,0	4,98	1,21	5,22	1,23	5,45	1,25	5,57	1,28	5,92	1,30	6,16	1,32
	28,0	4,85	1,25	5,08	1,28	5,32	1,30	5,43	1,33	5,79	1,35	6,02	1,37
	32,0	4,65	1,33	4,88	1,35	5,12	1,37	5,10	1,42	5,59	1,39	5,83	1,41
	35,0	4,51	1,37	4,75	1,39	4,98	1,42	5,10	1,42	5,45	1,44	5,69	1,46
	40,0	4,28	1,44	4,51	1,46	4,75	1,48	4,86	1,51	5,22	1,53	5,45	1,55
	43,0	4,14	1,51	4,37	1,51	4,61	1,53	4,73	1,55	5,08	1,58	5,32	1,60
	46,0	3,98	1,55	4,22	1,58	4,45	1,60	4,57	1,60	4,92	1,65	5,16	1,67

4D162843

5 Capacity tables

5 - 1 Cooling Capacity Tables

2MXF50B

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+3.5	10,0	6,04	1,12	6,28	1,14	6,53	1,17	6,66	1,17	7,03	1,21	7,28	1,26
	12,0	5,93	1,14	6,18	1,17	6,43	1,18	6,56	1,20	6,93	1,23	7,18	1,26
	15,0	5,78	1,17	6,03	1,20	6,28	1,22	6,41	1,23	6,78	1,27	7,03	1,30
	18,0	5,63	1,21	5,88	1,24	6,13	1,26	6,25	1,28	6,63	1,31	6,88	1,33
	20,0	5,53	1,24	5,78	1,27	6,03	1,29	6,15	1,31	6,53	1,33	6,78	1,36
	22,0	5,43	1,27	5,68	1,30	5,93	1,31	6,05	1,33	6,43	1,37	6,68	1,39
	25,0	5,28	1,31	5,53	1,34	5,78	1,36	5,90	1,37	6,28	1,41	6,52	1,44
	28,0	5,13	1,36	5,38	1,39	5,63	1,41	5,75	1,42	6,13	1,45	6,37	1,48
	32,0	4,93	1,43	5,18	1,45	5,43	1,47	5,40	1,54	5,92	1,52	6,17	1,55
	35,0	4,78	1,48	5,03	1,50	5,28	1,53	5,40	1,54	5,77	1,58	6,02	1,60
	40,0	4,53	1,58	4,78	1,59	5,02	1,62	5,15	1,63	5,52	1,67	5,77	1,70
	43,0	4,38	1,63	4,62	1,66	5,87	1,68	5,00	1,69	5,37	1,72	5,62	1,75
	46,0	4,22	1,70	4,47	1,71	4,72	1,74	4,85	1,75	5,22	1,79	5,47	1,81
2.0+4.2	10,0	6,04	1,19	6,28	1,21	6,53	1,24	6,66	1,25	7,03	1,29	7,28	1,33
	12,0	5,93	1,21	6,18	1,24	6,43	1,26	6,56	1,28	6,93	1,30	7,18	1,33
	15,0	5,78	1,25	6,03	1,28	6,28	1,30	6,41	1,30	6,78	1,34	7,03	1,37
	18,0	5,63	1,29	5,88	1,32	6,13	1,33	6,25	1,35	6,63	1,39	6,88	1,41
	20,0	5,53	1,32	5,78	1,34	6,03	1,36	6,15	1,38	6,53	1,41	6,78	1,44
	22,0	5,43	1,34	5,68	1,37	5,93	1,39	6,05	1,41	6,43	1,45	6,68	1,46
	25,0	5,28	1,39	5,53	1,42	5,78	1,44	5,90	1,44	6,28	1,48	6,52	1,51
	28,0	5,13	1,44	5,38	1,46	5,63	1,48	5,75	1,49	6,13	1,53	6,37	1,56
	32,0	4,93	1,50	5,18	1,53	5,43	1,55	5,40	1,61	5,92	1,59	6,17	1,62
	35,0	4,78	1,56	5,03	1,58	5,28	1,60	5,40	1,61	5,77	1,65	6,02	1,68
	40,0	4,53	1,65	4,78	1,67	5,02	1,70	5,15	1,71	5,52	1,74	5,77	1,77
	43,0	4,38	1,71	4,62	1,74	5,87	1,75	5,00	1,76	5,37	1,80	5,62	1,83
	46,0	4,22	1,77	4,47	1,79	4,72	1,82	4,85	1,83	5,22	1,86	5,47	1,88
2.5+2.5	10,0	6,02	1,15	6,27	1,17	6,51	1,19	6,63	1,20	7,00	1,24	7,24	1,28
	12,0	5,92	1,17	6,17	1,19	6,41	1,21	6,54	1,23	6,90	1,26	7,15	1,28
	15,0	5,78	1,20	6,02	1,23	6,27	1,25	6,39	1,26	6,75	1,30	7,00	1,32
	18,0	5,63	1,24	5,87	1,26	6,12	1,29	6,24	1,30	6,61	1,34	6,85	1,35
	20,0	5,53	1,26	5,77	1,29	6,02	1,31	6,14	1,33	6,51	1,36	6,75	1,38
	22,0	5,43	1,29	5,68	1,32	5,92	1,34	6,04	1,35	6,41	1,39	6,65	1,41
	25,0	5,28	1,34	5,53	1,36	5,77	1,38	5,89	1,40	6,26	1,42	6,50	1,45
	28,0	5,14	1,38	5,38	1,41	5,62	1,42	5,75	1,44	6,11	1,47	6,36	1,50
	32,0	4,94	1,44	5,18	1,47	5,43	1,49	5,40	1,55	5,91	1,53	6,16	1,56
	35,0	4,79	1,50	5,03	1,51	5,28	1,54	5,40	1,55	5,77	1,59	6,01	1,61
	40,0	4,54	1,59	4,79	1,60	5,03	1,63	5,15	1,64	5,52	1,68	5,76	1,69
	43,0	4,39	1,64	4,64	1,66	4,88	1,68	5,01	1,69	5,37	1,73	5,62	1,76
	46,0	4,25	1,69	4,49	1,72	4,73	1,75	4,86	1,76	5,22	1,79	5,47	1,81

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	6,04	1,16	6,28	1,19	6,53	1,21	6,66	1,22	7,03	1,25	7,28	1,31
	12,0	5,93	1,19	6,19	1,21	6,43	1,23	6,56	1,25	6,93	1,28	7,18	1,31
	15,0	5,78	1,22	6,03	1,25	6,28	1,26	6,40	1,28	6,77	1,31	7,03	1,34
	18,0	5,64	1,25	5,88	1,28	6,13	1,30	6,25	1,31	6,63	1,35	6,87	1,37
	20,0	5,53	1,29	5,78	1,30	6,03	1,33	6,16	1,34	6,53	1,37	6,77	1,40
	22,0	5,43	1,32	5,68	1,33	5,93	1,36	6,06	1,37	6,43	1,41	6,68	1,42
	25,0	5,28	1,36	5,53	1,37	5,78	1,40	5,90	1,42	6,28	1,45	6,53	1,47
	28,0	5,13	1,40	5,38	1,42	5,63	1,44	5,75	1,46	6,13	1,49	6,37	1,52
	32,0	4,93	1,46	5,17	1,48	5,43	1,51	5,40	1,57	5,92	1,55	6,18	1,58
	35,0	4,78	1,51	5,03	1,54	5,27	1,56	5,40	1,57	5,77	1,60	6,02	1,63
	40,0	4,53	1,60	4,77	1,63	5,03	1,65	5,14	1,66	5,52	1,70	5,77	1,72
	43,0	4,38	1,65	4,62	1,68	4,87	1,71	5,00	1,72	5,37	1,75	5,62	1,77
	46,0	4,22	1,72	4,48	1,74	4,72	1,77	4,85	1,77	5,22	1,81	5,47	1,83
2.5+4.2	10,0	6,04	1,16	6,28	1,19	6,53	1,21	6,66	1,22	7,03	1,25	7,28	1,31
	12,0	5,93	1,19	6,19	1,21	6,43	1,23	6,56	1,25	6,93	1,28	7,18	1,31
	15,0	5,78	1,22	6,03	1,25	6,28	1,26	6,40	1,28	6,77	1,31	7,03	1,34
	18,0	5,64	1,25	5,88	1,28	6,13	1,30	6,25	1,31	6,63	1,35	6,87	1,37
	20,0	5,53	1,29	5,78	1,30	6,03	1,33	6,16	1,34	6,53	1,37	6,77	1,40
	22,0	5,43	1,32	5,68	1,33	5,93	1,36	6,06	1,37	6,43	1,41	6,68	1,42
	25,0	5,28	1,36	5,53	1,37	5,78	1,40	5,90	1,42	6,27	1,45	6,53	1,47
	28,0	5,13	1,40	5,38	1,42	5,63	1,44	5,75	1,46	6,13	1,49	6,37	1,52
	32,0	4,93	1,46	5,17	1,48	5,43	1,51	5,40	1,57	5,92	1,55	6,18	1,58
	35,0	4,78	1,51	5,03	1,54	5,27	1,56	5,40	1,57	5,77	1,60	6,02	1,63
	40,0	4,53	1,60	4,77	1,63	5,03	1,65	5,14	1,66	5,52	1,70	5,77	1,72
	43,0	4,38	1,65	4,62	1,68	4,87	1,71	5,00	1,72	5,37	1,75	5,62	1,77
	46,0	4,22	1,72	4,48	1,74	4,72	1,77	4,85	1,77	5,22	1,81	5,47	1,83
3.5+3.5	10,0	6,04	1,13	6,28	1,15	6,53	1,17	6,66	1,19	7,03	1,22	7,28	1,26
	12,0	5,93	1,15	6,18	1,17	6,43	1,20	6,56	1,21	6,93	1,24	7,18	1,26
	15,0	5,78	1,19	6,03	1,21	6,28	1,24	6,41	1,24	6,78	1,28	7,03	1,30
	18,0	5,63	1,23	5,88	1,24	6,13	1,27	6,25	1,28	6,63	1,32	6,88	1,34
	20,0	5,53	1,24	5,78	1,27	6,03	1,29	6,15	1,31	6,53	1,33	6,78	1,36
	22,0	5,43	1,27	5,68	1,30	5,93	1,32	6,05	1,34	6,43	1,36	6,68	1,39
	25,0	5,28	1,32	5,53	1,33	5,78	1,36	5,90	1,37	6,28	1,41	6,52	1,43
	28,0	5,13	1,36	5,38	1,38	5,63	1,41	5,75	1,42	6,13	1,46	6,37	1,47
	32,0	4,93	1,43	5,18	1,45	5,43	1,48	5,40	1,53	5,92	1,51	6,17	1,54
	35,0	4,78	1,47	5,03	1,49	5,28	1,52	5,40	1,53	5,77	1,57	6,02	1,58
	40,0	4,53	1,56	4,78	1,59	5,02	1,60	5,15	1,62	5,52	1,65	5,77	1,68
	43,0	4,38	1,62	4,62	1,64	4,87	1,66	5,00	1,68	5,37	1,70	5,62	1,73
	46,0	4,22	1,68	4,47	1,70	4,72	1,72	4,85	1,73	5,22	1,77	5,47	1,79

4D162843

5 Capacity tables

5 - 2 Heating Capacity Tables

2MXF40B

Symbols

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

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· kW class
   Wall-mounted ·FTXF-F, CTXF-F· series
4. The heating capacity does not include the capacity drop that occurs during a frosting period and defrost operation.

4D162842

2MXF40B

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

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	-15,0	1,51	0,76	1,49	0,77	1,39	0,78	1,35	0,80	1,30	0,80	1,24	0,81
	-11,0	2,15	0,81	2,08	0,83	2,00	0,84	1,96	0,84	1,92	0,85	1,84	0,86
	-6,0	3,06	0,89	2,98	0,91	2,90	0,92	2,86	0,92	2,82	0,93	2,74	0,94
	0,0	3,96	0,97	3,88	0,99	3,80	1,00	3,76	1,01	3,72	1,01	3,64	1,02
	6,0	4,86	1,05	4,78	1,07	**4,70**	**1,08**	4,66	1,09	4,62	1,09	4,54	1,11
	10,0	5,37	1,10	5,29	1,11	5,21	1,13	5,18	1,13	5,14	1,14	5,06	1,15
	15,0	6,02	1,16	5,94	1,17	5,86	1,18	5,82	1,19	5,78	1,20	5,70	1,21
2.0+3.5	-15,0	1,51	0,73	1,49	0,74	1,43	0,75	1,41	0,77	1,36	0,77	1,30	0,77
	-11,0	2,09	0,80	2,03	0,82	1,97	0,83	1,94	0,84	1,90	0,84	1,84	0,84
	-6,0	3,00	0,87	2,92	0,89	2,83	0,90	2,79	0,91	2,75	0,91	2,67	0,92
	0,0	3,93	0,95	3,85	0,97	3,77	0,98	3,73	0,99	3,69	0,99	3,60	1,00
	6,0	4,86	1,03	4,78	1,05	**4,70**	**1,06**	4,66	1,07	4,62	1,07	4,54	1,09
	10,0	5,40	1,08	5,31	1,09	5,23	1,11	5,19	1,11	5,15	1,12	5,07	1,13
	15,0	6,06	1,14	5,98	1,15	5,90	1,16	5,86	1,17	5,82	1,18	5,74	1,19
2.5+2.5	-15,0	1,65	0,73	1,56	0,74	1,54	0,75	1,45	0,76	1,42	0,77	1,35	0,78
	-11,0	2,30	0,79	2,18	0,81	2,12	0,82	2,06	0,82	2,02	0,83	1,94	0,84
	-6,0	3,23	0,87	3,08	0,89	3,00	0,90	2,96	0,90	2,92	0,91	2,84	0,92
	0,0	4,14	0,95	3,98	0,97	3,90	0,98	3,86	0,99	3,82	0,99	3,74	1,00
	6,0	5,06	1,03	4,88	1,05	**4,80**	**1,06**	4,76	1,07	4,72	1,07	4,64	1,09
	10,0	5,58	1,08	5,39	1,09	5,31	1,11	5,28	1,11	5,24	1,12	5,16	1,13
	15,0	6,24	1,14	6,04	1,15	5,96	1,16	5,92	1,17	5,88	1,18	5,80	1,19
2.5+3.5	-15,0	1,51	0,74	1,50	0,75	1,43	0,76	1,40	0,77	1,37	0,78	1,30	0,79
	-11,0	2,16	0,82	2,08	0,84	2,00	0,85	1,96	0,86	1,92	0,86	1,84	0,87
	-6,0	3,10	0,90	3,02	0,92	2,93	0,93	2,89	0,94	2,85	0,94	2,77	0,95
	0,0	4,03	0,98	3,95	1,00	3,87	1,01	3,83	1,02	3,79	1,02	3,70	1,03
	6,0	4,96	1,06	4,88	1,08	**4,80**	**1,06**	4,76	1,10	4,72	1,10	4,64	1,12
	10,0	5,50	1,11	5,41	1,12	5,33	1,14	5,29	1,14	5,25	1,15	5,17	1,16
	15,0	6,16	1,17	6,08	1,18	6,00	1,19	5,96	1,20	5,92	1,21	5,84	1,21

4D162842

5 Capacity tables

5 - 2 Heating Capacity Tables

2MXF50B

5

Symbols

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

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-mounted ·FTXF-F, CTXF-F· series
4. The heating capacity does not include the capacity drop that occurs during a frosting period and defrost operation.

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2MXF50B

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	-15,0	2,05	0,73	1,99	0,74	1,94	0,75	1,92	0,76	1,89	0,76	1,84	0,77
	-11,0	2,47	0,80	2,41	0,81	2,36	0,82	2,34	0,83	2,31	0,83	2,26	0,84
	-6,0	2,88	0,87	2,83	0,88	2,78	0,89	2,76	0,89	2,73	0,90	2,68	0,90
	0,0	3,30	0,93	3,25	0,94	3,20	0,95	3,17	0,95	3,15	0,96	3,10	0,97
	6,0	3,80	0,99	3,75	1,00	3,70	1,01	3,67	1,01	3,65	1,02	3,60	1,03
	10,0	4,14	1,03	4,09	1,04	4,03	1,05	4,01	1,05	3,98	1,06	3,93	1,07
	15,0	4,55	1,07	4,50	1,08	4,45	1,09	4,43	1,09	4,40	1,10	4,35	1,11
2,5	-15,0	2,45	1,03	2,34	1,04	2,29	1,05	2,27	1,06	2,24	1,06	2,19	1,07
	-11,0	2,67	1,05	2,61	1,06	2,56	1,07	2,54	1,07	2,51	1,08	2,46	1,09
	-6,0	3,28	1,09	3,13	1,10	3,08	1,11	3,06	1,11	3,03	1,12	2,98	1,13
	0,0	3,70	1,14	3,65	1,15	3,60	1,16	3,57	1,16	3,55	1,17	3,50	1,17
	6,0	4,20	1,19	4,15	1,20	4,10	1,19	4,07	1,21	4,05	1,22	4,00	1,23
	10,0	4,54	1,23	4,49	1,24	4,43	1,25	4,41	1,25	4,38	1,26	4,33	1,27
	15,0	4,95	1,27	4,90	1,28	4,85	1,29	4,83	1,29	4,80	1,30	4,75	1,31
3,5	-15,0	2,64	1,13	2,58	1,14	2,53	1,15	2,50	1,16	2,47	1,17	2,42	1,18
	-11,0	2,93	1,14	2,87	1,15	2,81	1,16	2,78	1,17	2,75	1,18	2,69	1,19
	-6,0	3,43	1,19	3,37	1,20	3,31	1,21	3,28	1,22	3,25	1,22	3,19	1,24
	0,0	4,00	1,27	3,94	1,28	3,87	1,30	3,84	1,30	3,81	1,31	3,75	1,32
	6,0	4,73	1,35	4,66	1,37	4,60	1,36	4,58	1,39	4,54	1,39	4,47	1,41
	10,0	5,14	1,40	5,08	1,41	5,02	1,43	4,98	1,43	4,95	1,44	4,89	1,45
	15,0	5,66	1,46	5,60	1,48	5,53	1,49	5,50	1,49	5,47	1,50	5,38	1,50
4,2	-15,0	2,50	1,03	2,43	1,04	2,35	1,05	2,31	1,06	2,27	1,07	2,19	1,08
	-11,0	3,15	1,09	3,08	1,11	3,00	1,12	2,96	1,12	2,92	1,13	2,84	1,14
	-6,0	4,06	1,17	3,98	1,19	3,90	1,20	3,86	1,20	3,82	1,21	3,74	1,22
	0,0	4,96	1,25	4,88	1,27	4,80	1,28	4,76	1,29	4,72	1,29	4,64	1,30
	6,0	5,86	1,33	5,78	1,35	5,70	1,36	5,66	1,37	5,62	1,37	5,54	1,39
	10,0	6,37	1,38	6,29	1,39	6,21	1,41	6,18	1,41	6,14	1,42	6,06	1,43
	15,0	7,02	1,44	6,94	1,45	6,86	1,46	6,82	1,47	6,78	1,48	6,70	1,49
2.0+2.0	-15,0	2,51	1,04	2,49	1,05	2,43	1,06	2,40	1,07	2,36	1,07	2,30	1,08
	-11,0	3,15	1,09	3,08	1,11	3,00	1,12	2,96	1,12	2,92	1,13	2,84	1,14
	-6,0	4,06	1,17	3,98	1,19	3,90	1,20	3,86	1,20	3,82	1,21	3,74	1,22
	0,0	4,96	1,25	4,88	1,27	4,80	1,28	4,76	1,29	4,72	1,29	4,64	1,30
	6,0	5,86	1,33	5,78	1,35	5,70	1,36	5,66	1,37	5,62	1,37	5,54	1,39
	10,0	6,37	1,38	6,29	1,39	6,21	1,41	6,18	1,41	6,14	1,42	6,06	1,43
	15,0	7,02	1,44	6,94	1,45	6,86	1,46	6,82	1,47	6,78	1,48	6,70	1,49
2.0+2.5	-15,0	2,61	1,06	2,59	1,07	2,49	1,08	2,45	1,10	2,40	1,10	2,34	1,11
	-11,0	3,25	1,11	3,18	1,13	3,10	1,14	3,06	1,14	3,02	1,15	2,94	1,16
	-6,0	4,16	1,19	4,08	1,21	4,00	1,22	3,96	1,22	3,92	1,23	3,84	1,24
	0,0	5,06	1,27	4,98	1,29	4,90	1,30	4,86	1,31	4,82	1,31	4,74	1,32
	6,0	5,96	1,35	5,88	1,37	5,80	1,38	5,76	1,39	5,72	1,39	5,64	1,41
	10,0	6,47	1,40	6,39	1,41	6,31	1,43	6,28	1,43	6,24	1,44	6,16	1,45
	15,0	7,12	1,46	7,04	1,47	6,96	1,48	6,92	1,49	6,88	1,50	6,80	1,51

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+3.5	-15,0	2,61	1,05	2,59	1,06	2,53	1,07	2,51	1,08	2,46	1,09	2,40	1,09
	-11,0	3,19	1,12	3,13	1,14	3,07	1,15	3,04	1,16	3,00	1,16	2,94	1,16
	-6,0	4,10	1,19	4,02	1,21	3,93	1,22	3,89	1,23	3,85	1,23	3,77	1,24
	0,0	5,03	1,27	4,95	1,29	4,87	1,30	4,83	1,31	4,79	1,31	4,70	1,32
	6,0	5,96	1,35	5,88	1,37	5,80	1,38	5,76	1,39	5,72	1,39	5,64	1,41
	10,0	6,50	1,40	6,41	1,41	6,33	1,43	6,29	1,43	6,25	1,44	6,17	1,45
	15,0	7,16	1,46	7,08	1,47	7,00	1,48	6,96	1,49	6,92	1,50	6,84	1,51
2.0+4.2	-15,0	2,61	1,07	2,60	1,08	2,53	1,09	2,50	1,10	2,47	1,11	2,40	1,12
	-11,0	3,26	1,15	3,18	1,17	3,10	1,18	3,06	1,19	3,02	1,19	2,94	1,20
	-6,0	4,20	1,23	4,12	1,25	4,03	1,26	3,99	1,27	3,95	1,27	3,87	1,28
	0,0	5,13	1,31	5,05	1,33	4,97	1,34	4,93	1,35	4,89	1,35	4,80	1,36
	6,0	6,06	1,39	5,98	1,41	5,90	1,39	5,86	1,43	5,82	1,43	5,74	1,45
	10,0	6,60	1,44	6,51	1,45	6,43	1,47	6,39	1,47	6,35	1,48	6,27	1,49
	15,0	7,26	1,50	7,18	1,51	7,10	1,52	7,06	1,53	7,02	1,54	6,94	1,54
2.5+2.5	-15,0	2,85	1,08	2,76	1,09	2,74	1,10	2,65	1,11	2,62	1,12	2,55	1,13
	-11,0	3,50	1,14	3,38	1,16	3,32	1,17	3,26	1,17	3,22	1,18	3,14	1,19
	-6,0	4,43	1,22	4,28	1,24	4,20	1,25	4,16	1,25	4,12	1,26	4,04	1,27
	0,0	5,34	1,30	5,18	1,32	5,10	1,33	5,06	1,34	5,02	1,34	4,94	1,35
	6,0	6,26	1,38	6,08	1,40	6,00	1,41	5,96	1,42	5,92	1,42	5,84	1,44
	10,0	6,78	1,43	6,59	1,44	6,51	1,46	6,48	1,46	6,44	1,47	6,36	1,48
	15,0	7,44	1,49	7,24	1,50	7,16	1,51	7,12	1,52	7,08	1,53	7,00	1,54
2.5+3.5	-15,0	2,71	1,11	2,70	1,12	2,63	1,13	2,60	1,14	2,57	1,15	2,50	1,16
	-11,0	3,36	1,19	3,28	1,21	3,20	1,22	3,16	1,23	3,12	1,23	3,04	1,24
	-6,0	4,30	1,27	4,22	1,29	4,13	1,30	4,09	1,31	4,05	1,31	3,97	1,32
	0,0	5,23	1,35	5,15	1,37	5,07	1,38	5,03	1,39	4,99	1,39	4,90	1,40
	6,0	6,16	1,43	6,08	1,45	6,00	1,43	5,96	1,47	5,92	1,47	5,84	1,49
	10,0	6,70	1,48	6,61	1,49	6,53	1,51	6,49	1,51	6,45	1,52	6,37	1,53
	15,0	7,36	1,54	7,28	1,55	7,20	1,56	7,16	1,57	7,12	1,58	7,04	1,58
2.5+4.2	-15,0	2,58	1,09	2,50	1,10	2,41	1,12	2,36	1,12	2,32	1,13	2,24	1,14
	-11,0	3,28	1,15	3,19	1,16	3,11	1,18	3,06	1,18	3,02	1,19	2,94	1,20
	-6,0	4,24	1,24	4,16	1,25	4,07	1,26	4,03	1,27	3,99	1,27	3,90	1,29
	0,0	5,20	1,32	5,12	1,33	5,04	1,35	4,99	1,35	4,95	1,36	4,87	1,37
	6,0	6,17	1,40	6,08	1,42	6,00	1,43	5,96	1,44	5,92	1,44	5,83	1,46
	10,0	6,72	1,45	6,64	1,46	6,55	1,48	6,51	1,48	6,47	1,49	6,38	1,50
	15,0	7,41	1,51	7,32	1,53	7,24	1,54	7,20	1,54	7,16	1,55	7,07	1,56
3.5+3.5	-15,0	2,68	1,09	2,60	1,10	2,51	1,12	2,46	1,12	2,42	1,13	2,34	1,14
	-11,0	3,38	1,15	3,29	1,16	3,21	1,18	3,16	1,18	3,12	1,19	3,04	1,20
	-6,0	4,34	1,24	4,26	1,25	4,17	1,26	4,13	1,27	4,09	1,27	4,00	1,29
	0,0	5,30	1,32	5,22	1,33	5,14	1,35	5,09	1,35	5,05	1,36	4,97	1,37
	6,0	6,27	1,40	6,18	1,42	6,10	1,43	6,06	1,44	6,02	1,44	5,93	1,46
	10,0	6,82	1,45	6,74	1,46	6,65	1,48	6,61	1,48	6,57	1,49	6,48	1,50
	15,0	7,51	1,51	7,42	1,53	7,34	1,54	7,30	1,54	7,26	1,55	7,17	1,56

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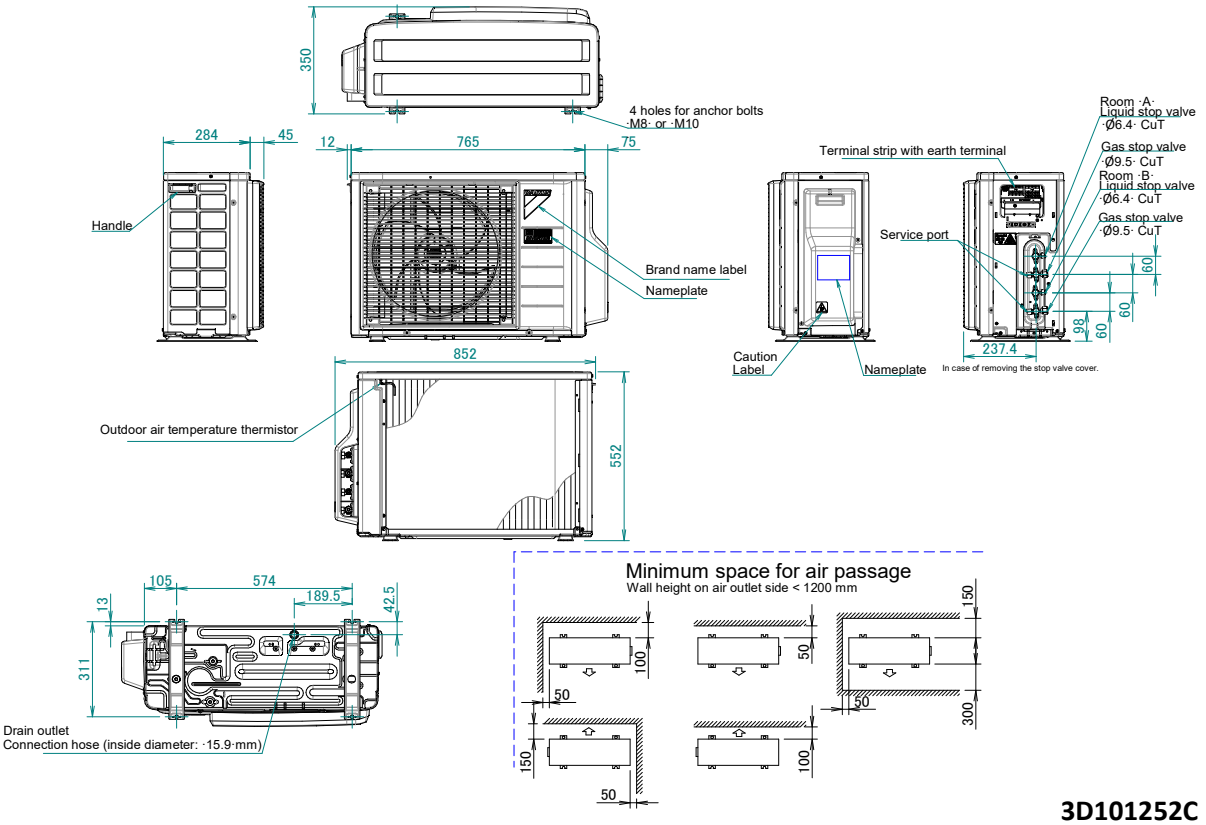
6 Dimensional drawings

6 - 1 Dimensional Drawings

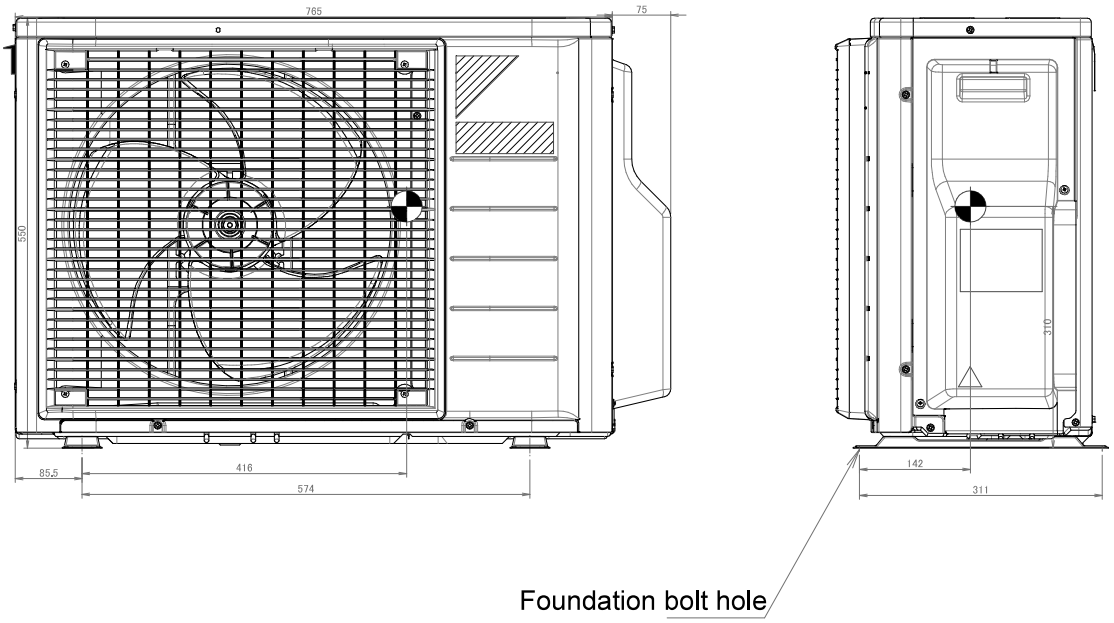
2MXF-B



7 Centre of gravity

7 - 1 Centre of Gravity

2MXF-B



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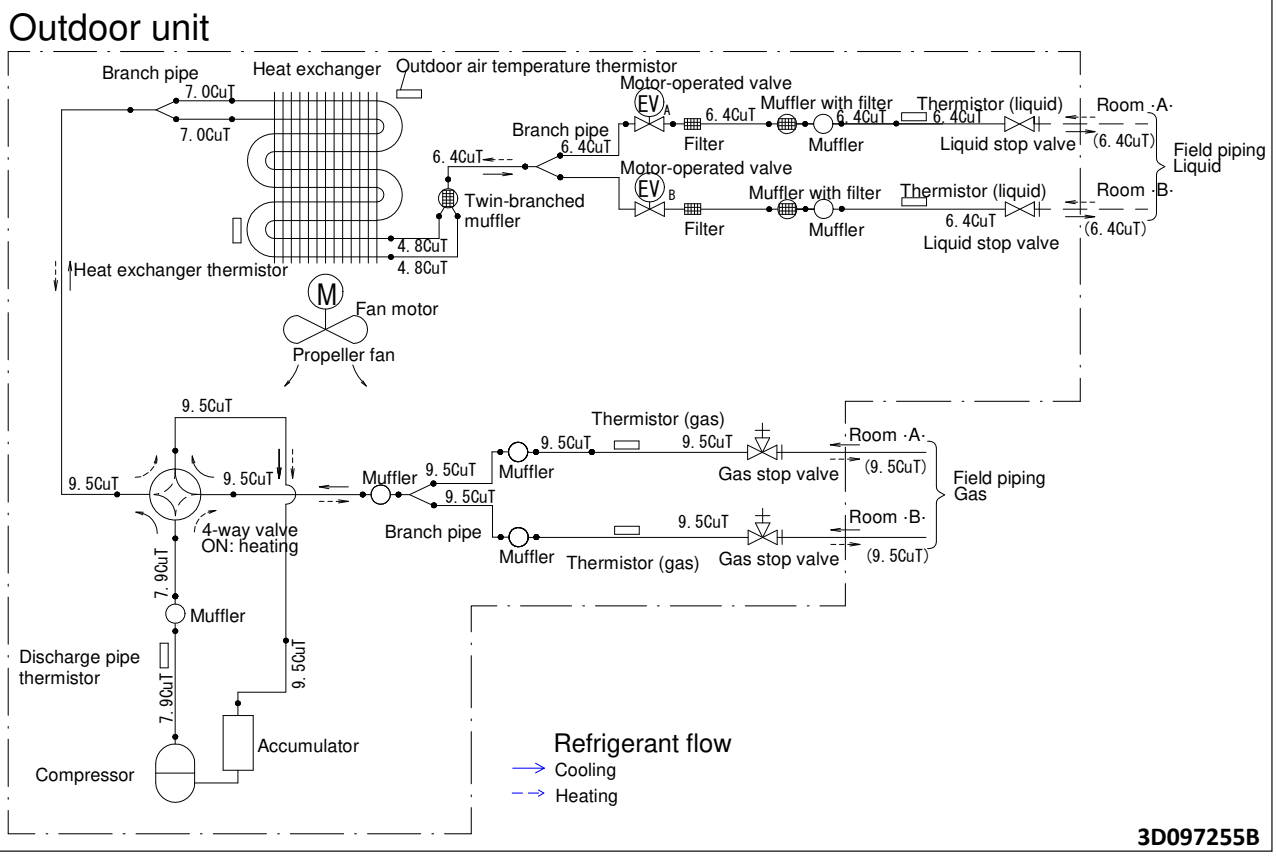
8 Piping diagrams

8 - 1 Piping Diagrams

2MXF40B



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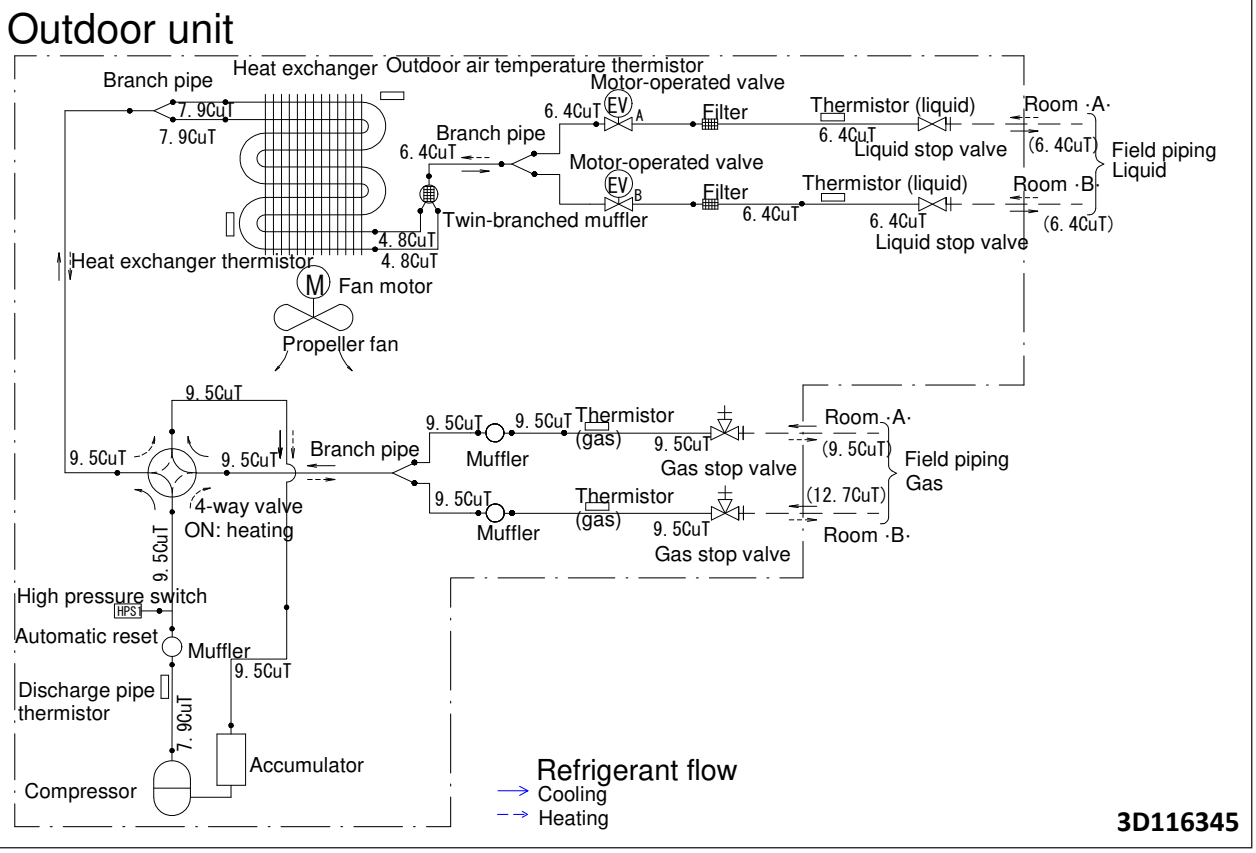
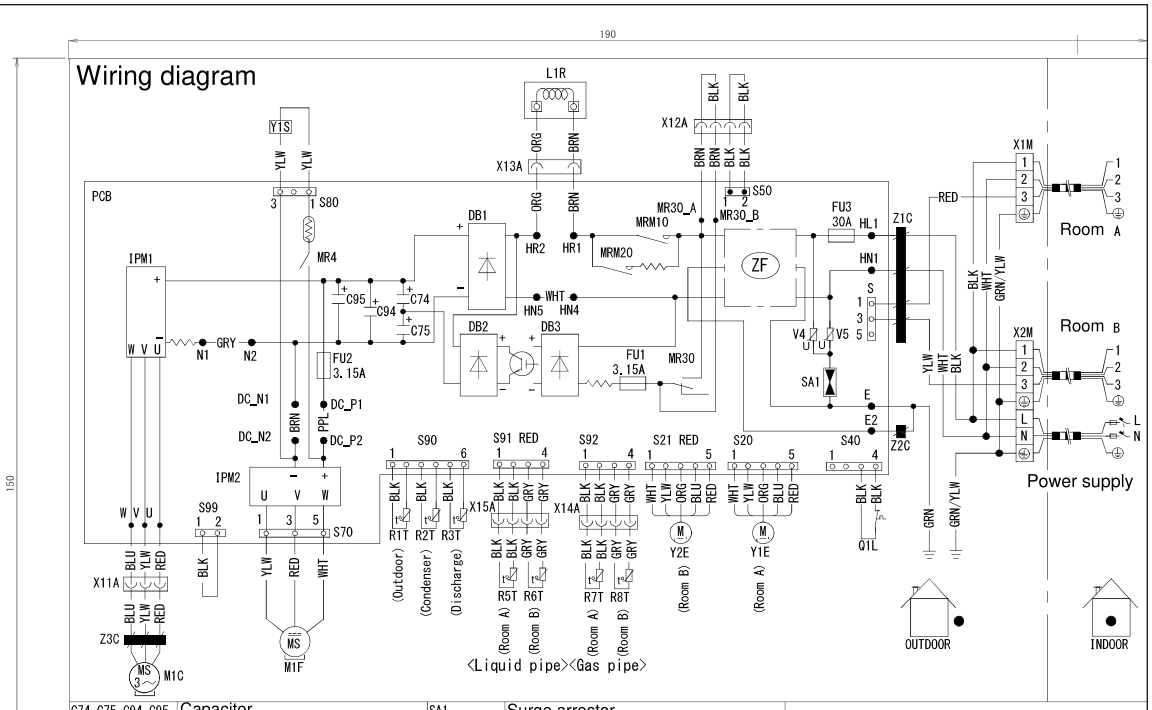


9 Wiring diagrams

9 - 1 Wiring Diagrams - Single Phase

2MXF40B



C74, C75, C94, C95	Capacitor	SA1	Surge arrestor		
DB1, DB2, DB3	Diode bridge				
FU1, FU2, FU3	Fuse	V4, V5	Varistor		
IPM1	Intelligent power module	X1M–X2M	Terminal strip with earth terminal	Field wiring	
L1R	Reactor	Y1E–Y2E	Electronic expansion valve coil	Screw terminal	
M1C	Compressor motor	Y1S	Reversing solenoid valve coil	Connector	
M1F	Fan motor	ZF	Noise filter	WHT: white	GRY: grey
MRM10, MRM20	Magnetic relay	Z1C–Z3C	Ferrite core	BLK: black	ORG: orange
MR4, MR30	Magnetic relay	S2–S502	Connector	BLU: blue	RED: red
PCB	Printed circuit board	X11A–X15A	Connector	BRN: brown	YLW: yellow
Q1L	Overload protector	S99	Heating-to-cooling changeover	GRN: green	
R1T–R8T	Thermistor			PPL: purple	

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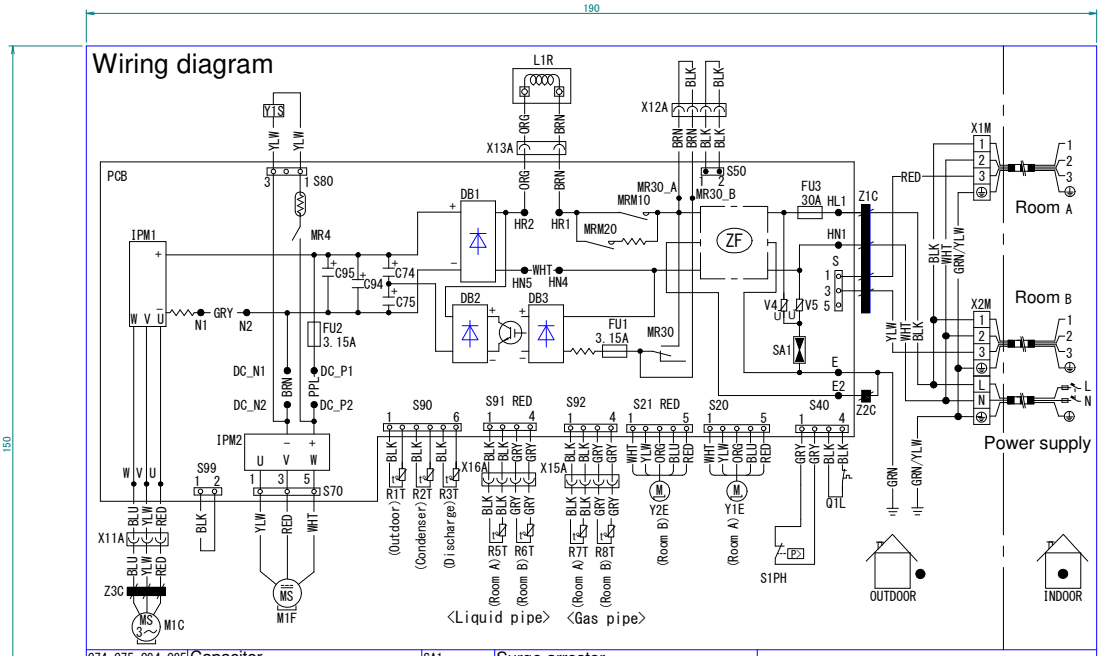

C74, C75, C94, C95	Capacitor	SA1	Surge arrestor		
DB1, DB2, DB3	Diode bridge	S1PH	High pressure switch		
FU1, FU2, FU3	Fuse	V4, V5	Varistor		
IPM1	Intelligent power module	X1M–X2M	Terminal strip with earth terminal	Field wiring	
L1R	Reactor	Y1E–Y2E	Electronic expansion valve coil	Screw terminal	
M1C	Compressor motor	Y1S	Reversing solenoid valve coil	Connector	
M1F	Fan motor	ZF	Noise filter	WHT: white	GRY: grey
MRM10, MRM20	Magnetic relay	Z1C–Z3C	Ferrite core	BLK: black	ORG: orange
MR4, MR30	Magnetic relay	S2–S502	Connector	BLU: blue	RED: red
PCB	Printed circuit board	X11A–X16A	Connector	BRN: brown	YLW: yellow
Q1L	Overload protector	S99	Heating-to-cooling changeover	GRN: green	
R1T–R8T	Thermistor			PPL: purple	

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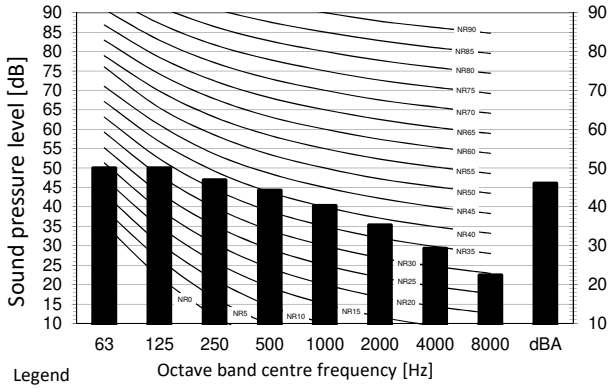
10 Sound data

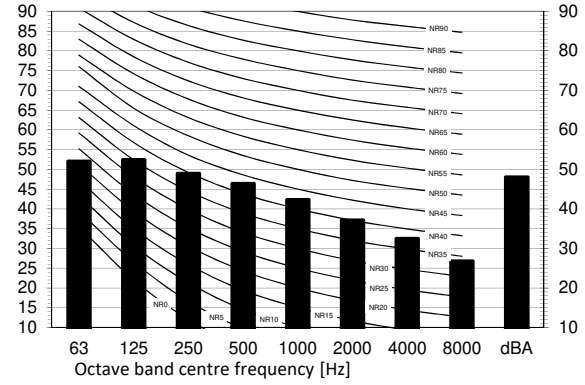
10 - 1 Sound Pressure Spectrum

2MXF40B

Cooling mode



Heating mode



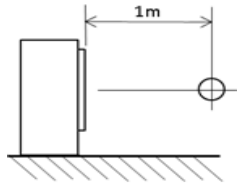
Legend

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 JISC9612.

5 Measuring location: anechoic chamber

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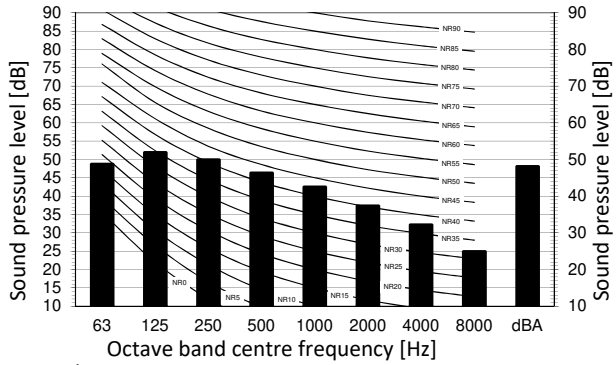
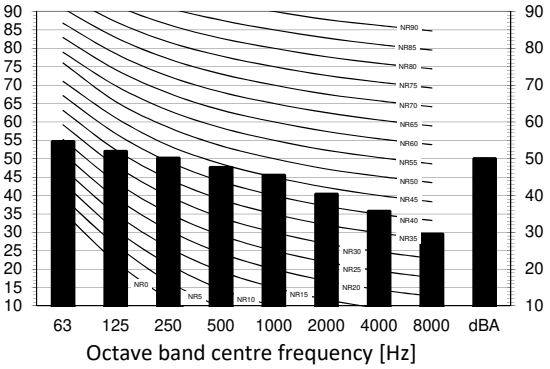
2MXF50B

Cooling mode



Heating mode



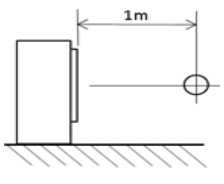
Legend

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	48

Heating Total dB

A	B
dBA	50

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 JISC9612.

5 Measuring location: anechoic chamber

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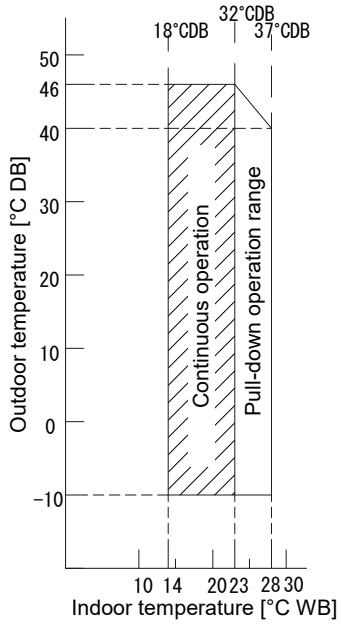
11 Operation range

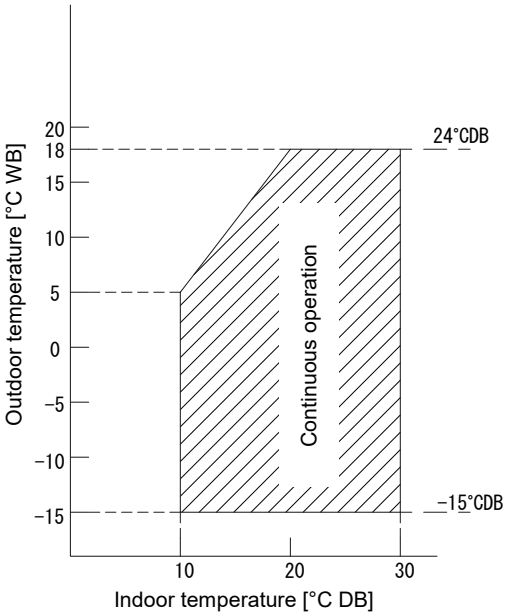
11 - 1 Operation Range

2MXF-B

Cooling



Heating



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

3D101376D

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