

Air Conditioning  
Technical Data

**3MXF-A**



- > 3MXF52A2V1B
- > 3MXF68A2V1B



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



Inverter

## 2 Specifications

2-1 Technical Specifications					3MXF52A		3MXF68A	
Capacity control	Method				Variable (inverter)			
Casing	Colour				Ivory white			
Dimensions	Unit	Height	mm		734			
		Width	mm		958			
		Depth	mm		340			
	Packed unit	Height	mm		820			
		Width	mm		1,050			
Depth		mm		480				
Weight	Unit		kg	57.0		62.0		
	Packed unit		kg	61.0		66.0		
Heat exchanger	Length		mm		920			
	Rows	Quantity			2			
	Fin pitch		mm		1.40			
	Stages	Quantity			32			
	Passes	Quantity			6.4			
	Tube type		Hi-XA					
	Tube diameter		mm		8			
	Fin	Type			WHS8 FIN-HYDROPHILIC			
		Treatment			Anti-corrosion treatment			
	Compressor	Quantity				1		
Model				2YC40JXD#C		2YC71DXD#C		
Oil Amount		cm <sup>3</sup>		650		900		
Type				Hermetically sealed swing compressor				
Output		W		1,300		2,400		
Oil Type				FW68DA				
Fan	Type				Propeller			
	Air flow rate	Cooling	High	m <sup>3</sup> /min	42.0		46.5	
				cfm	1,483		1,642	
			Nom.	m <sup>3</sup> /min	42.0		42.5	
				cfm	1,483		1,501	
		Heating	High	m <sup>3</sup> /min	41.0		43.8	
				cfm	1,447		1,547	
	Nom.		m <sup>3</sup> /min	41.0		43.8		
	cfm	1,447		1,547				
Quantity				1				
Model				D55F-31				
Output		W		55				
Speed	Cooling	High	rpm	700		760		
			Super low	rpm				420
	Heating	High	rpm	680		720		
			Super low	rpm	420		300	
Sound power level	Cooling		dBA	59.0		61.0		
	Heating		dBA	59.0		61.0		
Sound pressure level	Cooling	Nom.	dBA	46.0		48.0		
	Heating	Nom.	dBA	47.0		48.0		
Operation range	Cooling	Ambient	Min.	°CDB		-10		
			Max.	°CDB		46		
	Heating	Ambient	Max.	°CDB		24		
Refrigerant	Type				R-32			
	Charge		kg	1.80		2.00		
			TCO <sub>2</sub> eq	1.22		1.35		
	GWP				675.0			

## 2 Specifications

2

2-1 Technical Specifications				3MXF52A	3MXF68A	
Piping connections	Liquid	OD	mm	6,35		
	Gas	Quantity		1		
		OD	mm	9.50		
	Drain	Quantity		1		
		OD	mm	16		
	Gas 2	Quantity		2		
		OD	mm	12.70		
	Piping length	OU - IU	Min.	m	3 (1)	
			Max.	m	25 (1)	
		System	Chargeless	m	30	
	Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 30m)	
	Level difference	IU - OU	Max.	m	15.0	
		IU - IU	Max.	m	7.5	
Total piping length	System	Actual	m	50		

Standard Accessories : Installation manual; Quantity : 1;

Standard Accessories : Screw bag; Quantity : 1;

Standard Accessories : Drain plug; Quantity : 1;

Standard Accessories : Reducer assembly; Quantity : 1;

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

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

2-2 Electrical Specifications				3MXF52A	3MXF68A
Power supply	Phase			1~	
	Frequency		Hz	50	
	Voltage		V	220-240	
Wiring connections	For power supply		Quantity	3	
			Remark	Earth wire included	
	For connection with indoor		Quantity	4	
			Remark	Earth wire included	

### Notes

(1) For one room

See separate drawing for operation range

See separate drawing for electrical data

Contains fluorinated greenhouse gases

# 3 Electrical data

## 3 - 1 Electrical Data

### 3MXF-A

Outdoor unit Model name	Power supply			RA: indoor units (·10% safety factor) See note 5		Other indoor units (·10% safety factor)		COMP		OFM	
	Hz	Voltage	Voltage range	MCA	MFA	MCA	MFA	RHz	RLA	kW	FLA
3MXM40N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	17,88	20	19,95	20	-	2,9	0,056	0,37
	50	230							3,0		
	50	240							3,1		
3MXM52N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	18,19	20	20,28	25	-	4,5	0,056	0,37
	50	230							4,7		
	50	240							4,9		
3MXM68N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	20,80	25	23,97	25	-	8,0	0,056	0,37
	50	230							8,4		
	50	240							8,7		
4MXM68N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	21,00	25	23,97	25	-	7,0	0,056	0,37
	50	230							7,3		
	50	240							7,6		
4MXM80N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	21,46	25	25,64	32	-	8,5	0,075	0,50
	50	230							8,9		
	50	240							9,3		
5MXM90N2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	21,70	25	25,88	32	-	9,2	0,075	0,50
	50	230							9,6		
	50	240							10,0		
3AMXM52M3V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	18,19	20	20,28	25	-	4,5	0,056	0,37
	50	230							4,7		
	50	240							4,9		
3MXF52A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	18,19	20	20,28	25	-	4,5	0,056	0,37
	50	230							4,7		
	50	240							4,9		
3AMXF52A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	18,19	20	20,28	25	-	4,5	0,056	0,37
	50	230							4,7		
	50	240							4,9		
3MXF68A2V1B	50	220	MAX. 50Hz 264V MIN. 50Hz 198V	20,80	25	23,97	25	-	8,0	0,056	0,37
	50	230							8,4		
	50	240							8,7		

**Notes**

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

**Symbols**

- MCA: Minimum Circuit Ampere [A]  
MFA: Maximum Fuse Ampere [A]  
RLA: Rated load amps [A]  
OFM: Outdoor fan motor  
RHz: Rated operating frequency [Hz]  
FLA: Full Load Ampere [A]  
kW: Fan motor rated output [kW]

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# 4 Combination table

## 4 - 1 Combination Table

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### 3MXF52A

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]			Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
3MXF52A2V1B	2.0	2.00	---	---	1.60	2.00	3.00	0.36	0.57	0.88	1.60	2.57	3.96	96
	2.5	2.50	---	---	1.60	2.50	3.20	0.36	0.76	0.98	1.62	3.43	4.41	96
	3.5	3.50	---	---	1.60	3.50	4.20	0.37	1.16	1.48	1.63	5.27	6.89	96
	2.0+2.0	2.00	2.00	---	1.70	4.00	6.00	0.35	1.01	2.64	1.55	4.58	11.95	96
	2.0+2.5	2.00	2.50	---	1.70	4.50	6.20	0.35	1.13	2.53	1.55	5.12	11.43	96
	2.0+3.5	1.89	3.31	---	1.70	5.20	6.30	0.35	1.31	2.64	1.55	5.92	11.95	96
	2.5+2.5	2.50	2.50	---	1.70	5.00	6.30	0.35	1.24	2.68	1.55	5.60	12.13	96
	2.5+3.5	2.17	3.03	---	1.70	5.20	6.30	0.35	1.29	2.61	1.55	5.87	11.77	96
	3.5+3.5	2.60	2.60	---	1.70	5.20	6.40	0.35	1.28	2.61	1.55	5.81	11.81	96
	2.0+2.0+2.0	1.73	1.73	1.73	1.80	5.20	7.00	0.37	1.27	2.54	1.65	5.76	11.48	96
	2.0+2.0+2.5	1.60	1.60	2.00	1.80	5.20	7.00	0.37	1.26	2.53	1.65	5.71	11.43	96
	2.0+2.0+3.5	1.39	1.39	2.43	1.90	5.20	7.20	0.39	1.25	2.49	1.75	5.65	11.24	96
	2.0+2.5+2.5	1.49	1.86	1.86	1.80	5.20	7.10	0.39	1.25	2.43	1.75	5.65	11.00	96
	2.0+2.5+3.5	1.30	1.63	2.28	1.90	5.20	7.20	0.39	1.24	2.46	1.75	5.60	11.10	96
	2.0+3.5+3.5	1.16	2.02	2.02	1.90	5.20	7.30	0.39	1.24	2.46	1.75	5.60	11.10	96
	2.5+2.5+2.5	1.73	1.73	1.73	1.90	5.20	7.10	0.39	1.24	2.51	1.75	5.60	11.34	96
	2.5+2.5+3.5	1.53	1.53	2.14	1.90	5.20	7.20	0.39	1.24	2.47	1.75	5.60	11.15	96

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]			Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
3MXF52A2V1B	2.0	2.70	---	---	1.10	2.70	3.80	0.30	0.95	1.37	1.34	4.25	6.20	96
	2.5	3.40	---	---	1.10	3.40	4.20	0.30	1.26	1.46	1.34	5.67	6.61	96
	3.5	4.20	---	---	1.10	4.20	4.80	0.30	1.77	1.88	1.34	7.99	8.51	96
	2.0+2.0	3.40	3.40	---	1.20	6.80	7.00	0.32	1.99	2.45	1.44	9.00	11.10	96
	2.0+2.5	3.02	3.78	---	1.20	6.80	7.00	0.32	1.97	2.44	1.44	8.95	11.05	96
	2.0+3.5	2.47	4.33	---	1.20	6.80	7.10	0.32	1.96	2.45	1.44	8.89	11.10	96
	2.5+2.5	3.40	3.40	---	1.20	6.80	7.00	0.32	1.91	2.41	1.44	8.66	10.91	96
	2.5+3.5	2.83	3.97	---	1.30	6.80	7.20	0.32	1.91	2.55	1.44	8.66	11.55	96
	3.5+3.5	3.40	3.40	---	1.40	6.80	7.30	0.32	1.90	2.58	1.44	8.61	11.68	96
	2.0+2.0+2.0	2.27	2.27	2.27	1.30	6.80	8.00	0.32	1.73	2.31	1.44	7.84	10.46	96
	2.0+2.0+2.5	2.05	2.05	2.62	1.30	6.80	8.00	0.32	1.72	2.28	1.44	7.81	10.33	96
	2.0+2.0+3.5	1.81	1.81	3.17	1.40	6.80	8.10	0.32	1.71	2.29	1.44	7.76	10.37	96
	2.0+2.5+2.5	1.94	2.43	2.43	1.30	6.80	8.00	0.32	1.71	2.26	1.44	7.76	10.24	96
	2.0+2.5+3.5	1.70	2.13	2.98	1.50	6.80	8.10	0.32	1.70	2.28	1.44	7.70	10.33	96
	2.0+3.5+3.5	1.51	2.64	2.64	1.50	6.80	8.20	0.32	1.69	2.33	1.44	7.64	10.55	96
	2.5+2.5+2.5	2.27	2.27	2.27	1.40	6.80	8.00	0.32	1.70	2.24	1.44	7.70	10.14	96
	2.5+2.5+3.5	2.00	2.00	2.80	1.50	6.80	8.10	0.32	1.69	2.26	1.44	7.64	10.24	96

Notes

- The total capacity of each connected indoor unit is up to 8.5 kW.
- The values above are for connecting with the following indoor unit types: 2.0, 2.5, 3.5 kW class
- Wall-mounted FTXF-A, FTXF-B series
- These indoor units can only be used in a multi-unit setup.
- Cooling capacity conditions  
Indoor temperature: 27°C DB / 19°C WB  
Outdoor temperature: 35°C DB
- Heating capacity conditions  
Indoor temperature: 20°C DB  
Outdoor temperature: 7°C DB / 6°C WB

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### 3MXF68A

Cooling (50Hz 230V)

Outdoor unit	Indoor unit	Cooling capacity [kW]			Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
3MXF68A2V1B	2.0	2.00	---	---	1.66	2.00	2.68	0.42	0.48	0.66	1.91	2.30	3.02	95
	2.5	2.50	---	---	1.74	2.50	3.44	0.44	0.49	0.90	2.00	2.90	4.12	95
	3.5	3.50	---	---	1.93	3.50	4.86	0.46	0.51	1.37	2.09	4.26	7.19	95
	2.0+2.0	2.00	2.00	---	1.95	4.00	5.12	0.40	0.83	1.42	1.81	3.80	6.50	95
	2.0+2.5	2.00	2.50	---	1.95	4.50	5.44	0.40	0.98	1.57	1.81	4.51	7.19	95
	2.0+3.5	2.00	3.50	---	1.95	5.50	6.30	0.39	1.29	2.10	1.77	5.93	9.61	95
	2.5+2.5	2.50	2.50	---	1.95	5.00	6.10	0.41	1.12	1.96	1.89	5.12	8.97	95
	2.5+3.5	2.50	3.50	---	1.95	6.00	6.57	0.40	1.43	2.32	1.81	6.54	10.62	95
	3.5+3.5	3.40	3.40	---	1.95	6.80	7.13	0.38	1.60	2.61	1.73	7.35	11.95	95
	2.0+2.0+2.0	2.00	2.00	2.00	1.96	6.00	6.64	0.39	1.48	1.85	1.77	6.79	8.47	95
	2.0+2.0+2.5	2.00	2.00	2.50	1.96	6.50	7.03	0.39	1.80	2.08	1.77	8.26	9.52	95
	2.0+2.0+3.5	1.81	1.81	3.17	1.96	6.80	7.40	0.38	1.98	2.30	1.73	9.07	10.53	95
	2.0+2.5+2.5	1.94	2.43	2.43	1.96	6.80	7.24	0.38	1.95	2.21	1.73	8.93	10.11	95
	2.0+2.5+3.5	1.70	2.13	2.98	1.96	6.80	7.74	0.38	1.95	2.54	1.64	8.92	11.62	95
	2.0+3.5+3.5	1.51	2.64	2.64	1.96	6.80	8.07	0.37	1.93	2.79	1.68	8.82	12.77	95
	2.5+2.5+2.5	2.27	2.27	2.27	1.96	6.80	7.53	0.38	1.95	2.40	1.73	8.92	10.98	95
	2.5+2.5+3.5	2.00	2.00	2.80	1.96	6.80	7.94	0.36	1.90	2.70	1.64	8.71	12.36	95
	2.5+3.5+3.5	1.79	2.51	2.51	2.27	6.80	8.30	0.40	1.88	2.99	1.85	8.61	13.68	95
	3.5+3.5+3.5	2.27	2.27	2.27	2.38	6.80	8.59	0.40	1.86	3.26	1.81	8.51	14.92	95

Heating (50Hz 230V)

Outdoor unit	Indoor unit	Heating capacity [kW]			Total capacity [kW]			Power input [kW]			Total current [A]			Power factor [%]
		Room A	Room B	Room C	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	Minimum	Nominal	Maximum	
3MXF68A2V1B	2.0	2.72	---	---	1.48	2.72	4.09	0.43	0.82	1.41	1.95	4.00	6.45	95
	2.5	3.40	---	---	1.44	3.40	4.30	0.42	1.13	1.51	1.91	5.57	6.91	95
	3.5	4.30	---	---	1.45	4.30	4.90	0.40	1.56	1.93	1.82	7.68	8.83	95
	2.0+2.0	3.25	3.25	---	1.65	6.50	7.95	0.36	1.52	2.54	1.63	6.98	11.62	95
	2.0+2.5	3.07	3.83	---	1.65	6.90	8.12	0.36	1.69	2.55	1.63	7.74	11.67	95
	2.0+3.5	2.73	4.77	---	1.80	7.50	8.67	0.37	1.95	2.67	1.68	8.92	12.22	95
	2.5+2.5	3.60	3.60	---	1.65	7.20	8.49	0.36	1.80	2.60	1.63	8.25	11.90	95
	2.5+3.5	3.29	4.61	---	1.89	7.90	9.03	0.38	2.13	2.93	1.72	9.73	13.41	95
	3.5+3.5	4.30	4.30	---	2.17	8.60	9.98	0.42	2.51	3.15	1.94	11.51	14.42	95
	2.0+2.0+2.0	2.60	2.60	2.60	2.01	7.80	10.44	0.41	1.91	2.73	1.89	8.76	12.49	95
	2.0+2.0+2.5	2.52	2.52	3.15	2.10	8.20	10.52	0.42	2.04	2.77	1.94	9.32	12.68	95
	2.0+2.0+3.5	2.29	2.29	4.01	2.31	8.60	10.68	0.44	2.27	2.93	2.02	10.39	13.41	95
	2.0+2.5+2.5	2.46	3.07	3.07	2.20	8.60	10.59	0.43	2.25	2.89	1.98	10.30	13.23	95
	2.0+2.5+3.5	2.15	2.69	3.76	2.40	8.60	10.88	0.48	2.25	2.93	2.11	10.29	13.41	95
	2.0+3.5+3.5	1.91	3.34	3.34	2.69	8.60	10.77	0.52	2.23	3.16	2.37	10.19	14.46	95
	2.5+2.5+2.5	2.87	2.87	2.87	2.31	8.60	10.65	0.45	2.21	2.90	2.06	10.14	13.27	95
	2.5+2.5+3.5	2.53	2.53	3.54	2.50	8.60	10.87	0.48	2.21	2.99	2.19	10.14	13.68	95
	2.5+3.5+3.5	2.26	3.17	3.17	2.78	8.60	11.00	0.53	2.18	2.99	2.41	9.98	13.68	95
	3.5+3.5+3.5	2.87	2.87	2.87	2.98	8.60	11.06	0.57	2.16	3.07	2.62	9.88	14.05	95

Notes

- The total capacity of each connected indoor unit is up to 10.5 kW.
- The values above are for connecting with the following indoor unit types: 2.0, 2.5, 3.5 kW class
- Wall-mounted FTXF-A, FTXF-B series
- These indoor units can only be used in a multi-unit setup.
- Cooling capacity conditions  
Indoor temperature: 27°C DB / 19°C WB  
Outdoor temperature: 35°C DB
- Heating capacity conditions  
Indoor temperature: 20°C DB  
Outdoor temperature: 7°C DB / 6°C WB

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## 5 Capacity tables

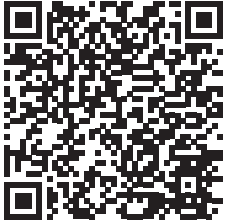
### 5 - 1 Capacity Table Legend

In order to fulfill more your requirements on quick access of data in the format you require, we have developed a tool to consult capacity tables.

Below you can find the link to the capacity table database and an overview of all the tools we have to help you select the correct product:

- **Capacity table database:** lets you find back and export quickly the capacity information you are looking for based upon unit model, refrigerant temperature and connection ratio.
- You can access the capacity table viewer here:

[https://my.daikin.eu/content/denv/en\\_US/home/applications/software-finder/capacity-table-viewer.html](https://my.daikin.eu/content/denv/en_US/home/applications/software-finder/capacity-table-viewer.html)



- An overview of **all software tools** that we offer can be found here:

[https://my.daikin.eu/denv/en\\_US/home/applications/software-finder.html](https://my.daikin.eu/denv/en_US/home/applications/software-finder.html)



# 5 Capacity tables

## 5 - 2 Cooling Capacity Tables

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### 3MXF52A

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
2.0	22.0	2.79	0.68	3.15	0.78	3.28	0.77	3.34	0.78	3.54	0.80	3.67	0.81
	25.0	2.79	0.72	3.07	0.78	3.20	0.79	3.26	0.80	3.46	0.82	3.59	0.83
	32.0	2.75	0.83	2.88	0.84	3.01	0.85	3.08	0.86	3.28	0.87	3.41	0.88
	35.0	2.67	0.85	2.80	0.86	2.93	0.87	3.00	0.88	3.20	0.90	3.33	0.91
	40.0	2.54	0.90	2.67	0.91	2.80	0.92	2.87	0.93	3.06	0.94	3.19	0.96
	43.0	2.46	0.93	2.59	0.94	2.72	0.95	2.79	0.96	2.98	0.97	3.12	0.98
	46.0	2.38	0.96	2.51	0.97	2.64	0.98	2.71	0.99	2.91	1.00	3.04	1.01
	22.0	2.99	0.79	3.35	0.87	3.48	0.88	3.54	0.89	3.74	0.91	3.87	0.92
2.5	25.0	2.99	0.83	3.27	0.89	3.40	0.90	3.46	0.91	3.66	0.93	3.79	0.94
	32.0	2.95	0.94	3.08	0.95	3.21	0.96	3.28	0.97	3.48	0.97	3.61	0.98
	35.0	2.87	0.95	3.00	0.96	3.13	0.97	3.20	0.98	3.40	1.00	3.53	1.01
	40.0	2.74	1.00	2.87	1.01	3.00	1.02	3.07	1.03	3.26	1.04	3.39	1.07
	43.0	2.66	1.03	2.79	1.04	2.92	1.05	2.99	1.07	3.18	1.07	3.32	1.08
	46.0	2.58	1.07	2.71	1.07	2.84	1.08	2.91	1.09	3.11	1.10	3.24	1.11
	22.0	3.02	0.79	3.70	0.98	4.44	1.22	4.71	1.30	4.99	1.33	5.19	1.35
	25.0	3.02	0.84	3.70	1.05	4.44	1.31	4.59	1.34	4.88	1.37	5.07	1.39
3.5	32.0	3.02	0.98	3.70	1.24	4.22	1.43	4.32	1.44	4.61	1.47	4.80	1.49
	35.0	3.02	1.05	3.70	1.34	4.10	1.47	4.20	1.48	4.49	1.51	4.68	1.53
	40.0	3.02	1.19	3.70	1.52	3.91	1.55	4.01	1.56	4.29	1.59	4.49	1.61
	43.0	3.02	1.30	3.70	1.58	3.79	1.60	3.89	1.61	4.18	1.64	4.37	1.66
	46.0	3.02	1.41	3.48	1.63	3.68	1.65	3.77	1.66	4.06	1.69	4.25	1.71
	22.0	5.30	1.89	6.31	2.27	6.58	2.30	6.72	2.32	7.13	2.36	7.41	2.39
	25.0	5.30	2.00	6.14	2.33	6.42	2.36	6.56	2.37	6.97	2.42	7.24	2.45
	32.0	5.30	2.32	5.75	2.47	6.03	2.50	6.17	2.52	6.58	2.56	6.85	2.59
2.0+2.0	35.0	5.30	2.50	5.59	2.54	5.86	2.57	6.00	2.64	6.41	2.63	6.69	2.66
	40.0	5.04	2.62	5.31	2.65	5.59	2.68	5.72	2.70	6.13	2.75	6.41	2.78
	43.0	4.87	2.70	5.14	2.73	5.42	2.76	5.56	2.77	5.97	2.82	6.24	2.85
	46.0	4.67	2.73	4.90	2.73	5.14	2.72	5.25	2.72	5.59	2.71	5.80	2.71
	22.0	5.50	1.84	6.51	2.23	6.78	2.26	6.92	2.28	7.33	2.31	7.61	2.34
	25.0	5.50	1.95	6.34	2.29	6.62	2.32	6.76	2.32	7.17	2.38	7.44	2.40
	32.0	5.50	2.28	5.95	2.42	6.23	2.45	6.37	2.47	6.78	2.51	7.05	2.54
	35.0	5.50	2.45	5.79	2.49	6.06	2.52	6.20	2.53	6.61	2.58	6.89	2.61
2.0+2.5	40.0	5.24	2.57	5.51	2.60	5.79	2.63	5.92	2.65	6.33	2.70	6.61	2.73
	43.0	5.07	2.65	5.34	2.68	5.62	2.71	5.76	2.72	6.17	2.77	6.44	2.80
	46.0	4.87	2.69	5.10	2.68	5.34	2.68	5.45	2.68	5.79	2.67	6.00	2.67

Notes

- The capacities are based on the following conditions:  
Corresponding refrigerant piping length: 5 m  
Level difference: 0 m
- 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- kW class  
Wall-mounted -FTXF-A, FTXF-B series

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
2.0+3.5	22.0	5.69	1.94	6.62	2.30	6.91	2.34	7.06	2.35	7.49	2.40	7.77	2.44
	25.0	5.69	2.07	6.45	2.37	6.74	2.40	6.88	2.42	7.31	2.46	7.60	2.50
	32.0	5.69	2.44	6.04	2.52	6.33	2.55	6.47	2.57	6.91	2.62	7.19	2.65
	35.0	5.58	2.56	5.87	2.59	6.16	2.63	6.30	2.64	6.73	2.69	7.02	2.71
	40.0	5.29	2.69	5.58	2.72	5.87	2.75	6.01	2.77	6.44	2.82	6.73	2.85
	43.0	5.12	2.77	5.40	2.80	5.69	2.83	5.84	2.85	6.27	2.90	6.55	2.93
	46.0	4.75	2.81	4.98	2.80	5.21	2.80	5.33	2.80	5.66	2.89	5.87	2.90
	22.0	5.60	2.00	6.61	2.38	6.88	2.41	7.02	2.43	7.43	2.47	7.71	2.50
2.5+2.5	25.0	5.60	2.10	6.44	2.44	6.72	2.47	6.86	2.48	7.27	2.53	7.54	2.56
	32.0	5.60	2.43	6.05	2.57	6.33	2.60	6.47	2.62	6.88	2.66	7.15	2.69
	35.0	5.60	2.60	5.89	2.64	6.16	2.67	6.30	2.68	6.71	2.73	6.99	2.76
	40.0	5.34	2.72	5.61	2.75	5.89	2.78	6.02	2.80	6.43	2.85	6.71	2.88
	43.0	5.17	2.80	5.44	2.83	5.72	2.86	5.86	2.87	6.27	2.92	6.54	2.95
	46.0	4.97	2.84	5.20	2.83	5.44	2.82	5.55	2.82	5.89	2.82	6.10	2.81
	22.0	5.69	1.91	6.62	2.27	6.91	2.32	7.06	2.32	7.49	2.37	7.77	2.41
	25.0	5.69	2.04	6.45	2.34	6.74	2.37	6.88	2.39	7.31	2.43	7.60	2.47
2.5+3.5	32.0	5.69	2.42	6.04	2.49	6.33	2.52	6.47	2.54	6.91	2.59	7.19	2.62
	35.0	5.58	2.53	5.87	2.56	6.16	2.60	6.30	2.61	6.73	2.66	7.02	2.69
	40.0	5.29	2.66	5.58	2.69	5.87	2.72	6.01	2.74	6.44	2.79	6.73	2.82
	43.0	5.12	2.74	5.40	2.77	5.69	2.80	5.84	2.82	6.27	2.87	6.55	2.90
	46.0	4.75	2.58	4.98	2.58	5.21	2.57	5.33	2.57	5.66	2.57	5.87	2.56
	22.0	6.00	1.96	6.73	2.25	7.03	2.28	7.17	2.30	7.62	2.35	7.91	2.39
	25.0	6.00	2.12	6.55	2.31	6.85	2.35	7.00	2.37	7.44	2.42	7.73	2.46
	32.0	5.84	2.44	6.14	2.48	6.43	2.52	6.58	2.53	7.02	2.59	7.32	2.62
3.5+3.5	35.0	5.66	2.52	5.96	2.56	6.25	2.59	6.40	2.61	6.84	2.67	7.14	2.70
	40.0	5.36	2.66	5.66	2.71	5.95	2.73	6.10	2.75	6.54	2.80	6.84	2.85
	43.0	5.19	2.75	5.48	2.79	5.78	2.83	5.92	2.85	6.37	2.90	6.66	2.94
	46.0	4.69	2.38	4.91	2.37	5.13	2.37	5.24	2.37	5.56	2.36	5.77	2.36

Symbols

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

### 3D126708A

### 3MXF52A

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
2.0+2.0+2.0	22.0	7.04	2.16	7.37	2.19	7.69	2.22	7.85	2.24	8.34	2.29	8.66	2.33
	25.0	6.84	2.22	7.17	2.25	7.49	2.29	7.66	2.31	8.14	2.36	8.47	2.39
	32.0	6.39	2.38	6.71	2.42	7.03	2.45	7.20	2.47	7.68	2.52	8.01	2.55
	35.0	6.19	2.46	6.51	2.49	6.84	2.53	7.00	2.54	7.49	2.59	7.81	2.63
	40.0	5.86	2.59	6.19	2.62	6.51	2.67	6.67	2.67	7.16	2.74	7.48	2.77
	43.0	5.66	2.67	5.99	2.72	6.31	2.75	6.48	2.77	6.96	2.82	7.29	2.86
	46.0	5.13	2.41	5.38	2.41	5.63	2.40	5.75	2.40	6.10	2.40	6.33	2.39
	22.0	7.04	2.15	7.37	2.18	7.69	2.21	7.85	2.23	8.34	2.28	8.66	2.32
2.0+2.0+2.5	25.0	6.84	2.21	7.17	2.24	7.49	2.28	7.66	2.30	8.14	2.35	8.47	2.38
	32.0	6.39	2.37	6.71	2.41	7.03	2.44	7.20	2.46	7.68	2.51	8.01	2.54
	35.0	6.19	2.45	6.51	2.48	6.84	2.52	7.00	2.53	7.49	2.58	7.81	2.62
	40.0	5.86	2.58	6.19	2.61	6.51	2.65	6.67	2.66	7.16	2.72	7.48	2.76
	43.0	5.66	2.66	5.99	2.71	6.31	2.73	6.48	2.76	6.96	2.81	7.29	2.85
	46.0	5.13	2.40	5.38	2.40	5.63	2.39	5.75	2.39	6.10	2.39	6.33	2.38
	22.0	7.24	2.10	7.57	2.13	7.89	2.16	8.05	2.18	8.54	2.23	8.87	2.27
	25.0	7.04	2.16	7.37	2.19	7.69	2.23	7.86	2.25	8.35	2.31	8.67	2.35
2.0+2.0+3.5	32.0	6.58	2.32	6.91	2.36	7.23	2.40	7.40	2.41	7.89	2.47	8.21	2.50
	35.0	6.39	2.41	6.71	2.44	7.04	2.48	7.20	2.49	7.69	2.54	8.01	2.58
	40.0	6.06	2.54	6.38	2.57	6.71	2.61	6.87	2.62	7.36	2.68	7.68	2.71
	43.0	5.86	2.62	6.19	2.66	6.51	2.69	6.67	2.72	7.16	2.76	7.49	2.80
	46.0	5.32	2.36	5.58	2.35	5.82	2.35	5.95	2.35	6.30	2.34	6.53	2.34
	22.0	7.14	2.04	7.47	2.07	7.79	2.10	7.95	2.12	8.44	2.17	8.76	2.22
	25.0	6.94	2.10	7.27	2.13	7.59	2.17	7.76	2.19	8.24	2.25		



# 5 Capacity tables

## 5 - 3 Heating Capacity Tables

### 3MXF52A

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
2.0	-15.0	2.13	1.37	2.07	1.38	2.02	1.39	2.00	1.40	1.97	1.41	1.92	1.42
	-10.0	2.55	1.19	2.50	1.20	2.44	1.21	2.42	1.22	2.39	1.22	2.34	1.23
	-5.0	2.97	1.24	2.92	1.25	2.87	1.26	2.84	1.27	2.82	1.27	2.76	1.28
	0.0	3.40	1.29	3.34	1.30	3.29	1.31	3.27	1.32	3.24	1.32	3.19	1.33
	6.0	3.90	1.35	3.85	1.36	3.80	1.37	3.77	1.38	3.75	1.38	3.70	1.39
	10.0	4.24	1.39	4.19	1.40	4.14	1.41	4.11	1.41	4.09	1.42	4.04	1.43
2.5	-15.0	4.67	1.44	4.61	1.45	4.56	1.46	4.54	1.46	4.51	1.47	4.46	1.48
	-10.0	5.23	1.49	5.20	1.50	5.15	1.51	5.10	1.52	5.07	1.52	5.00	1.53
	-5.0	5.79	1.54	5.76	1.55	5.71	1.56	5.66	1.57	5.63	1.57	5.56	1.58
	0.0	6.37	1.59	6.34	1.60	6.31	1.61	6.28	1.61	6.25	1.61	6.22	1.62
	6.0	7.00	1.64	6.97	1.65	6.94	1.66	6.91	1.66	6.88	1.66	6.85	1.67
	10.0	7.74	1.69	7.71	1.70	7.68	1.71	7.65	1.71	7.62	1.71	7.59	1.72
3.5	-15.0	8.87	1.64	8.84	1.65	8.81	1.66	8.78	1.66	8.75	1.66	8.72	1.67
	-10.0	9.97	1.69	9.94	1.70	9.91	1.71	9.88	1.71	9.85	1.71	9.82	1.72
	-5.0	11.07	1.74	11.04	1.75	11.01	1.76	10.98	1.76	10.95	1.76	10.92	1.77
	0.0	12.27	1.79	12.24	1.80	12.21	1.81	12.18	1.81	12.15	1.81	12.12	1.82
	6.0	13.57	1.84	13.54	1.85	13.51	1.86	13.48	1.86	13.45	1.86	13.42	1.87
	10.0	14.97	1.89	14.94	1.90	14.91	1.91	14.88	1.91	14.85	1.91	14.82	1.92
2.0+2.0	-15.0	5.91	1.97	5.85	1.99	5.78	2.00	5.75	2.01	5.71	2.02	5.65	2.03
	-10.0	6.68	2.02	6.62	2.04	6.55	2.05	6.52	2.06	6.48	2.06	6.42	2.07
	-5.0	7.45	2.07	7.39	2.09	7.32	2.10	7.29	2.11	7.25	2.11	7.20	2.12
	0.0	8.22	2.12	8.16	2.14	8.09	2.15	8.06	2.16	8.02	2.16	7.97	2.17
	6.0	9.09	2.17	9.03	2.19	8.96	2.20	8.93	2.21	8.89	2.21	8.84	2.22
	10.0	10.06	2.22	10.00	2.24	9.93	2.25	9.90	2.26	9.86	2.26	9.81	2.27
2.0+2.5	-15.0	6.87	2.03	6.81	2.05	6.74	2.06	6.71	2.07	6.68	2.07	6.63	2.08
	-10.0	7.84	2.08	7.78	2.10	7.71	2.11	7.68	2.12	7.65	2.12	7.60	2.13
	-5.0	8.81	2.13	8.75	2.15	8.68	2.16	8.65	2.17	8.62	2.17	8.57	2.18
	0.0	9.78	2.18	9.72	2.20	9.65	2.21	9.62	2.22	9.59	2.22	9.54	2.23
	6.0	10.85	2.23	10.79	2.25	10.72	2.26	10.69	2.27	10.66	2.27	10.61	2.28
	10.0	12.02	2.28	11.96	2.30	11.89	2.31	11.86	2.32	11.83	2.32	11.78	2.33

①	②	Indoor air temperature [°C DB]											
		16°C		18°C		20°C		21°C		22°C		24°C	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
2.0+3.5	-15.0	3.96	2.41	3.86	2.44	3.76	2.46	3.71	2.48	3.66	2.50	3.57	2.52
	-10.0	4.75	2.12	4.65	2.14	4.56	2.16	4.51	2.17	4.46	2.18	4.36	2.20
	-5.0	5.55	2.20	5.45	2.22	5.35	2.24	5.30	2.25	5.25	2.26	5.16	2.28
	0.0	6.34	2.30	6.24	2.32	6.15	2.34	6.10	2.35	6.05	2.36	5.95	2.38
	6.0	7.29	2.41	7.20	2.43	7.10	2.45	7.05	2.46	7.00	2.47	6.91	2.49
	10.0	7.93	2.48	7.83	2.50	7.74	2.53	7.69	2.54	7.64	2.55	7.54	2.57
2.5+2.5	-15.0	3.87	2.37	3.78	2.40	3.68	2.42	3.63	2.44	3.58	2.46	3.49	2.48
	-10.0	4.66	2.08	4.57	2.10	4.47	2.12	4.42	2.13	4.37	2.14	4.28	2.16
	-5.0	5.45	2.17	5.36	2.19	5.26	2.21	5.21	2.22	5.16	2.23	5.07	2.25
	0.0	6.24	2.27	6.15	2.29	6.05	2.31	6.00	2.32	5.95	2.33	5.86	2.35
	6.0	7.19	2.37	7.10	2.39	7.00	2.41	6.95	2.42	6.90	2.43	6.81	2.45
	10.0	7.83	2.44	7.73	2.46	7.63	2.49	7.58	2.51	7.54	2.51	7.44	2.54
2.5+3.5	-15.0	4.06	2.53	3.96	2.56	3.86	2.58	3.81	2.60	3.76	2.62	3.67	2.64
	-10.0	4.85	2.22	4.75	2.24	4.66	2.26	4.61	2.27	4.56	2.28	4.46	2.30
	-5.0	5.65	2.30	5.55	2.32	5.45	2.34	5.40	2.35	5.35	2.36	5.26	2.38
	0.0	6.44	2.40	6.34	2.42	6.25	2.44	6.20	2.45	6.15	2.46	6.05	2.48
	6.0	7.39	2.51	7.30	2.52	7.20	2.55	7.15	2.56	7.10	2.57	7.01	2.58
	10.0	8.03	2.57	7.93	2.60	7.84	2.62	7.79	2.64	7.74	2.65	7.64	2.67
3.5+3.5	-15.0	4.08	2.56	3.98	2.58	3.88	2.59	3.83	2.61	3.78	2.63	3.68	2.66
	-10.0	4.89	2.24	4.79	2.26	4.69	2.28	4.64	2.29	4.59	2.30	4.49	2.32
	-5.0	5.71	2.32	5.61	2.35	5.51	2.37	5.46	2.38	5.41	2.39	5.31	2.41
	0.0	6.52	2.42	6.42	2.44	6.32	2.46	6.27	2.47	6.22	2.49	6.12	2.51
	6.0	7.50	2.54	7.40	2.56	7.30	2.58	7.25	2.59	7.20	2.60	7.10	2.62
	10.0	8.15	2.62	8.05	2.64	7.95	2.66	7.90	2.67	7.85	2.68	7.75	2.70

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

Notes

- The capacities are based on the following conditions:  
Corresponding refrigerant piping length: -5 m  
Level difference: -0 m
- 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- kW class  
Wall-mounted -FTXF-A, FTXF-B series
- The heating capacity does not include the capacity drop that occurs during a frosting period and defrost operation.

3D126710A

### 3MXF52A

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
2.0+2.0+2.0	-15.0	4.40	2.28	4.29	2.30	4.18	2.32	4.13	2.33	4.07	2.35	3.96	2.37
	-10.0	5.31	1.98	5.20	2.01	5.09	2.03	5.04	2.04	4.98	2.05	4.87	2.07
	-5.0	6.22	2.08	6.11	2.10	6.00	2.12	5.94	2.13	5.89	2.14	5.78	2.15
	0.0	7.13	2.17	7.02	2.18	6.91	2.20	6.85	2.21	6.80	2.22	6.69	2.24
	6.0	8.22	2.27	8.11	2.28	8.00	2.31	7.94	2.31	7.89	2.33	7.78	2.34
	10.0	8.95	2.34	8.84	2.36	8.73	2.37	8.67	2.39	8.62	2.40	8.50	2.42
2.0+2.0+2.5	-15.0	4.52	2.26	4.41	2.28	4.30	2.30	4.24	2.32	4.19	2.34	4.07	2.36
	-10.0	5.42	1.98	5.31	2.00	5.20	2.02	5.15	2.03	5.09	2.04	4.98	2.06
	-5.0	6.33	2.07	6.22	2.09	6.11	2.11	6.05	2.12	6.00	2.13	5.89	2.14
	0.0	7.23	2.16	7.12	2.18	7.01	2.19	6.96	2.19	6.90	2.21	6.79	2.23
	6.0	8.32	2.26	8.21	2.27	8.10	2.29	8.04	2.30	7.99	2.31	7.88	2.33
	10.0	9.05	2.32	8.94	2.34	8.82	2.36	8.77	2.37	8.71	2.38	8.60	2.40
2.0+2.5+2.5	-15.0	4.40	2.22	4.29	2.24	4.18	2.26	4.13	2.28	4.07	2.30	3.96	2.32
	-10.0	5.31	1.95	5.20	1.97	5.09	1.99	5.04	2.00	4.98	2.01	4.87	2.03
	-5.0	6.22	2.04	6.11	2.06	6.00	2.08	5.94	2.09	5.89	2.10	5.78	2.11
	0.0	7.13	2.12	7.02	2.13	6.91	2.15	6.85	2.16	6.80	2.17	6.69	2.19
	6.0	8.22	2.22	8.11	2.24	8.00	2.26	7.94	2.27	7.89	2.28	7.78	2.30
	10.0	8.95	2.29	8.84	2.31	8.73	2.33	8.67	2.34	8.62	2.35	8.50	2.37
2.0+2.5+3.5	-15.0	4.41	2.26	4.29	2.28	4.18	2.30	4.13	2.31	4.12	2.33	4.01	2.35
	-10.0	5.34	1.97	5.23	1.99	5.11	2.01	5.05	2.02	5.00	2.03	4.88	2.05
	-5.0	6.27	2.06	6.16	2.08	6.05	2.10	5.99	2.11	5.93	2.12	5.82	2.14
	0.0	7.21	2.15	7.09	2.16	6.98	2.19	6.92	2.19	6.87	2.19	6.75	2.22
	6.0	8.33	2.24	8.21	2.26	8.10	2.28	8.04	2.29	7.99	2.30	7.87	2.32
	10.0	9.08	2.31	8.96	2.33	8.85	2.35	8.79	2.36	8.73	2.37	8.62	2.39

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
2.0+3.5+3.5	-15.0	4.59	2.30	4.48	2.32	4.37	2.34	4.31	2.36	4.26	2.38	4.14	2.40
	-10.0	5.50	2.02	5.39	2.04	5.28	2.06	5.22	2.07	5.17	2.08	5.06	2.10
	-5.0	6.42	2.10	6.30	2.12	6.19	2.14	6.14	2.15	6.08	2.16	5.97	2.17
	0.0	7.33	2.19	7.22	2.20	7.11	2.22	7.05	2.23	6.99	2.24	6.88	2.26
	6.0	8.42	2.29	8.31	2.31	8.20	2.33	8.14	2.34	8.09	2.35	7.98	2.37
	10.0	9.15	2.36	9.04	2.38	8.93	2.40	8.87	2.41	8.82	2.42	8.71	2.44

# 5 Capacity tables

## 5 - 3 Heating Capacity Tables

### 3MXF68A

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	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
2.0	-15.0	2.60	1.16	2.55	1.17	2.51	1.18	2.48	1.19	2.46	1.19	2.41	1.20	2.38	1.21	2.35	1.22	2.32	1.23	2.29	1.24	2.26	1.24	2.23	1.25	2.21
	-10.0	2.98	1.21	2.93	1.22	2.88	1.23	2.86	1.24	2.84	1.24	2.79	1.25	2.76	1.26	2.73	1.27	2.70	1.28	2.67	1.29	2.64	1.30	2.61	1.31	2.58
	-5.0	3.35	1.27	3.31	1.28	3.26	1.29	3.24	1.30	3.21	1.30	3.17	1.31	3.14	1.32	3.11	1.33	3.08	1.34	3.05	1.35	3.02	1.36	2.99	1.37	2.96
	0.0	3.73	1.32	3.68	1.33	3.64	1.34	3.61	1.35	3.59	1.35	3.55	1.36	3.52	1.37	3.49	1.38	3.46	1.39	3.43	1.40	3.40	1.41	3.37	1.42	3.34
	6.0	4.18	1.39	4.14	1.40	4.09	1.41	4.07	1.42	4.04	1.42	4.00	1.43	3.97	1.44	3.94	1.45	3.91	1.46	3.88	1.47	3.85	1.48	3.82	1.49	3.79
	10.0	4.48	1.43	4.44	1.44	4.39	1.45	4.37	1.45	4.35	1.46	4.30	1.47	4.27	1.48	4.24	1.49	4.21	1.50	4.18	1.51	4.15	1.52	4.12	1.53	4.09
	15.0	4.86	1.49	4.81	1.50	4.77	1.51	4.75	1.51	4.72	1.52	4.68	1.53	4.65	1.54	4.62	1.55	4.59	1.56	4.56	1.57	4.53	1.58	4.50	1.59	4.47
	-15.0	2.81	1.25	2.76	1.27	2.72	1.28	2.69	1.29	2.67	1.29	2.62	1.30	2.59	1.31	2.56	1.32	2.53	1.33	2.50	1.34	2.47	1.35	2.44	1.36	2.41
	-10.0	3.19	1.31	3.14	1.32	3.09	1.33	3.07	1.34	3.05	1.34	3.00	1.35	2.97	1.36	2.94	1.37	2.91	1.38	2.88	1.39	2.85	1.40	2.82	1.41	2.79
	-5.0	3.58	1.36	3.52	1.38	3.47	1.39	3.45	1.44	3.42	1.44	3.38	1.45	3.35	1.46	3.32	1.47	3.29	1.48	3.26	1.49	3.23	1.50	3.20	1.51	3.17
	0.0	3.94	1.42	3.89	1.43	3.85	1.44	3.82	1.45	3.80	1.45	3.76	1.46	3.73	1.47	3.70	1.48	3.67	1.49	3.64	1.50	3.61	1.51	3.58	1.52	3.55
	6.0	4.39	1.49	4.35	1.50	4.30	1.51	4.28	1.52	4.25	1.52	4.21	1.53	4.18	1.54	4.15	1.55	4.12	1.56	4.09	1.57	4.06	1.58	4.03	1.59	4.00
10.0	4.69	1.53	4.65	1.54	4.60	1.55	4.58	1.55	4.56	1.56	4.51	1.57	4.48	1.58	4.45	1.59	4.42	1.60	4.39	1.61	4.36	1.62	4.33	1.63	4.30	
15.0	5.07	1.58	5.02	1.60	4.98	1.61	4.96	1.61	4.93	1.62	4.89	1.63	4.86	1.64	4.83	1.65	4.80	1.66	4.77	1.67	4.74	1.68	4.71	1.69	4.68	
-15.0	2.91	1.27	2.86	1.28	2.82	1.29	2.79	1.30	2.77	1.30	2.72	1.31	2.69	1.32	2.66	1.33	2.63	1.34	2.60	1.35	2.57	1.36	2.54	1.37	2.51	
-10.0	3.29	1.33	3.24	1.34	3.19	1.35	3.17	1.36	3.15	1.36	3.10	1.37	3.07	1.38	3.04	1.39	3.01	1.40	2.98	1.41	2.95	1.42	2.92	1.43	2.89	
-5.0	3.64	1.37	3.59	1.38	3.54	1.39	3.52	1.40	3.49	1.40	3.45	1.41	3.42	1.42	3.39	1.43	3.36	1.44	3.33	1.45	3.30	1.46	3.27	1.47	3.24	
0.0	4.03	1.44	3.98	1.45	3.94	1.46	3.91	1.47	3.88	1.47	3.84	1.48	3.81	1.49	3.78	1.50	3.75	1.51	3.72	1.52	3.69	1.53	3.66	1.54	3.63	
6.0	4.48	1.51	4.44	1.52	4.39	1.53	4.37	1.54	4.34	1.54	4.30	1.55	4.27	1.56	4.24	1.57	4.21	1.58	4.18	1.59	4.15	1.60	4.12	1.61	4.09	
10.0	4.78	1.55	4.74	1.56	4.69	1.57	4.67	1.58	4.64	1.58	4.60	1.59	4.57	1.60	4.54	1.61	4.51	1.62	4.48	1.63	4.45	1.64	4.42	1.65	4.39	
15.0	5.16	1.61	5.11	1.62	5.06	1.63	5.04	1.64	5.01	1.64	4.97	1.65	4.94	1.66	4.91	1.67	4.88	1.68	4.85	1.69	4.82	1.70	4.79	1.71	4.76	
-15.0	2.95	1.28	2.90	1.30	2.86	1.31	2.83	1.32	2.80	1.33	2.77	1.34	2.74	1.35	2.71	1.36	2.68	1.37	2.65	1.38	2.62	1.39	2.59	1.40	2.56	
-10.0	3.33	1.34	3.28	1.35	3.23	1.36	3.21	1.37	3.18	1.38	3.15	1.39	3.12	1.40	3.09	1.41	3.06	1.42	3.03	1.43	3.00	1.44	2.97	1.45	2.94	
-5.0	3.72	1.41	3.67	1.42	3.62	1.43	3.60	1.44	3.57	1.45	3.54	1.46	3.51	1.47	3.48	1.48	3.45	1.49	3.42	1.50	3.39	1.51	3.36	1.52	3.33	
0.0	4.11	1.48	4.06	1.49	4.02	1.50	3.99	1.51	3.96	1.51	3.92	1.52	3.89	1.53	3.86	1.54	3.83	1.55	3.80	1.56	3.77	1.57	3.74	1.58	3.71	
6.0	4.56	1.55	4.52	1.56	4.47	1.57	4.45	1.58	4.42	1.59	4.39	1.60	4.36	1.61	4.33	1.62	4.30	1.63	4.27	1.64	4.24	1.65	4.21	1.66	4.18	
10.0	4.86	1.60	4.82	1.61	4.77	1.62	4.75	1.63	4.72	1.64	4.69	1.65	4.66	1.66	4.63	1.67	4.60	1.68	4.57	1.69	4.54	1.70	4.51	1.71	4.48	
15.0	5.24	1.66	5.19	1.67	5.14	1.68	5.12	1.69	5.09	1.70	5.06	1.71	5.03	1.72	5.00	1.73	4.97	1.74	4.94	1.75	4.91	1.76	4.88	1.77	4.85	

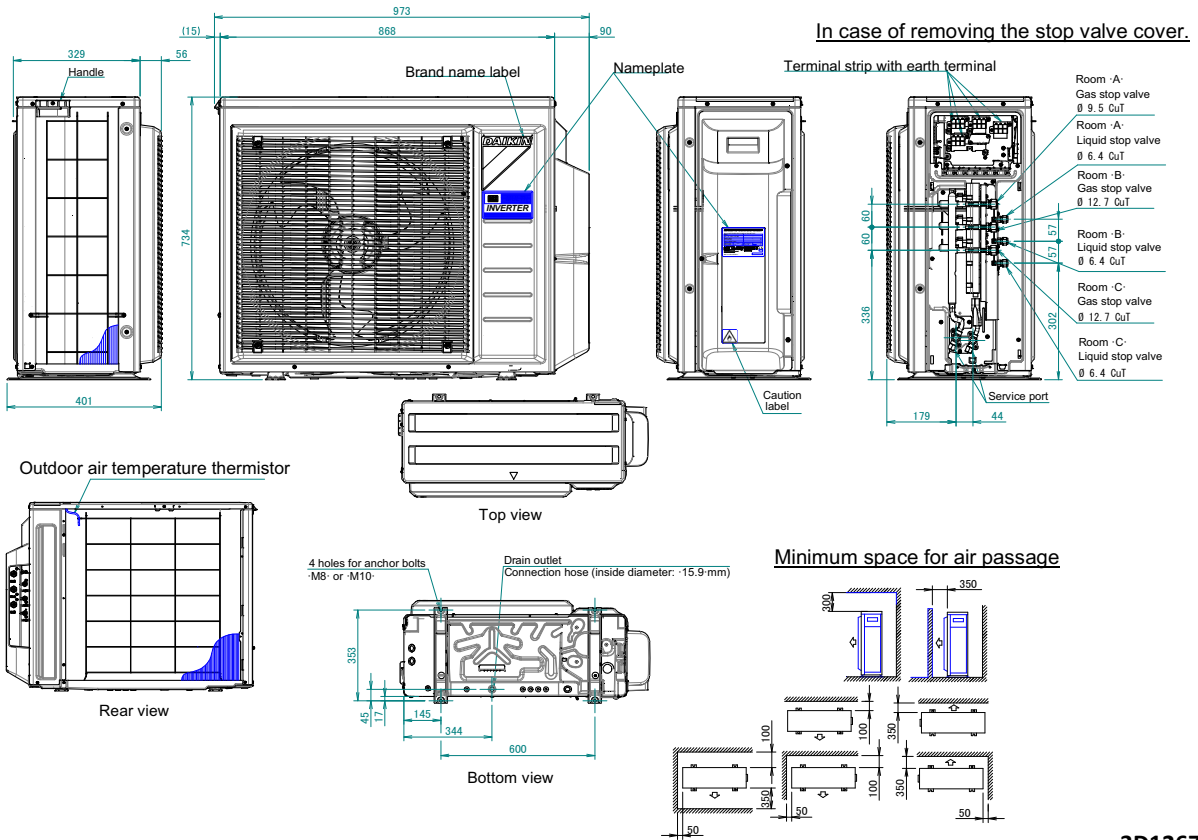
①	②	Indoor air temperature [°C DB]																							
		16°C				18°C				20°C				21°C				22°C				24°C			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
2.5+2.5	-15.0	5.08	2.12	4.97	2.15	4.87	2.17	4.81	2.18	4.76	2.19	4.66	2.21	4.63	2.24	4.59	2.27	4.55	2.30	4.51	2.33	4.47	2.36	4.43	2.39
	-10.0	5.94	2.22	5.83	2.24	5.73	2.27	5.68	2.28	5.62	2.29	5.52	2.31	5.49	2.34	5.45	2.37	5.41	2.40	5.37	2.43	5.33	2.46	5.29	2.49
	-5.0	6.80	2.33	6.70	2.35	6.59	2.38	6.54	2.39	6.49	2.40	6.38	2.42	6.35	2.45	6.31	2.48	6.27	2.51	6.23	2.54	6.19	2.57	6.15	2.60
	0.0	7.67	2.43	7.56	2.45	7.45	2.48	7.40	2.49	7.35	2.50	7.24	2.52	7.21	2.55	7.17	2.58	7.13	2.61	7.09	2.64	7.05	2.67	7.01	2.70
	6.0	8.70	2.55	8.60	2.57	8.49	2.60	8.44	2.61	8.38	2.62	8.28	2.64	8.25	2.67	8.21	2.70	8.17	2.73	8.13	2.76	8.09	2.79	8.05	2.82
	10.0	9.39	2.63	9.29	2.65	9.18	2.67	9.13	2.68	9.07	2.70	8.97	2.72	8.94	2.75	8.90	2.78	8.86	2.81	8.82	2.84	8.78	2.87	8.74	2.90
	15.0	10.25	2.74	10.15	2.76	10.04	2.78	9.99	2.79	9.94	2.81	9.83	2.83	9.80	2.86	9.76	2.89	9.72	2.92	9.68	2.95	9.64	2.98	9.60	3.01
	-15.0	5.31	2.38	5.19	2.40	5.07	2.42	5.02	2.44	4.96	2.45	4.84	2.48	4.81	2.51	4.77	2.54	4.73	2.57	4.69	2.60	4.65	2.63	4.61	2.66
	-10.0	6.25	2.49	6.13	2.52	6.02	2.54	5.96	2.55	5.90	2.57	5.79	2.60	5.76	2.63	5.72	2.66	5.68	2.69	5.64	2.72	5.60	2.75	5.56	2.78
	-5.0	7.19	2.61	7.07	2.64	6.96	2.66	6.90	2.67	6.84	2.68	6.73	2.72	6.70	2.75	6.66	2.78	6.62	2.81	6.58	2.84	6.54	2.87	6.50	2.90
	0.0	8.13	2.73	8.02	2.76	7.90	2.78	7.84	2.79	7.78	2.81	7.67	2.84	7.64	2.87	7.60	2.90	7.56	2.93	7.52	2.96	7.48	2.99	7.44	3.02
	6.0	9.26	2.87	9.15	2.90	9.03	2.93	8.97	2.94	8.91	2.95	8.80	2.98	8.77	3.01	8.73	3.04	8.69	3.07	8.65	3.10	8.61	3.13	8.57	3.16
10.0	10.01	2.97	9.90	2.99	9.78	3.03	9.73	3.04	9.67	3.05	9.55	3.07	9.52	3.10	9.48	3.13	9.44	3.16	9.40	3.19	9.36	3.22	9.32	3.25	
15.0	10.96	3.09	10.84	3.11	10.73	3.15	10.67	3.16	10.61	3.17	10.44	3.18	10.41	3.21	10.37	3.24	10.33	3.27	10.29	3.30	10.25	3.33	10.21	3.36	
-15.0	5.35	2.50	5.23	2.52	5.10	2.55	5.04	2.57	4.98	2.59	4.85	2.62	4.82	2.65	4.78	2.68	4.74	2.71	4.70	2.74	4.66	2.77	4.62	2.80	
-10.0	6.37	2.63	6.25	2.66	6.12	2.70	6.06	2.71	6.00	2.73	5.87	2.76	5.84	2.79	5.80	2.82	5.76	2.85	5.72	2.88	5.68	2.91	5.64	2.94	
-5.0	7.39	2.77	7.26	2.81	7.14	2.84	7.08	2.85	7.01	2.87	6.89	2.89	6.86	2.92	6.82	2.95	6.78	2.98	6.74	3.01	6.70	3.04	6.66	3.07	
0.0	8.41	2.92	8.28	2.95	8.16	2.98	8.10	2.99	8.03	3.00	7.91	3.04	7.88	3.07	7.84	3.10	7.80	3.13	7.76	3.16	7.72	3.19	7.68	3.22	
6.0	9.63	3.08	9.50	3.11	9.38	3.15	9.32	3.16	9.26	3.18	9.13	3.21	9.10	3.24	9.06	3.27	9.02	3.30	8.98	3.33	8.94	3.36	8.90	3.39	
10.0	10.44	3.20	10.32	3.22	10.19	3.26	10.13	3.28	10.07	3.29	9.95	3.32	9.92	3.35	9.88	3.38	9.84	3.41	9.80	3.44	9.76	3.47	9.72	3.50	
15.0	11.46	3.33	11.34	3.37	11.21	3.40	11.15	3.41	11.07	3.43	10.94	3.45	10.91	3.48	10.87	3.51	10.83	3.54	10.79	3.57	10.75	3.60			

# 6 Dimensional drawings

## 6 - 1 Dimensional Drawings

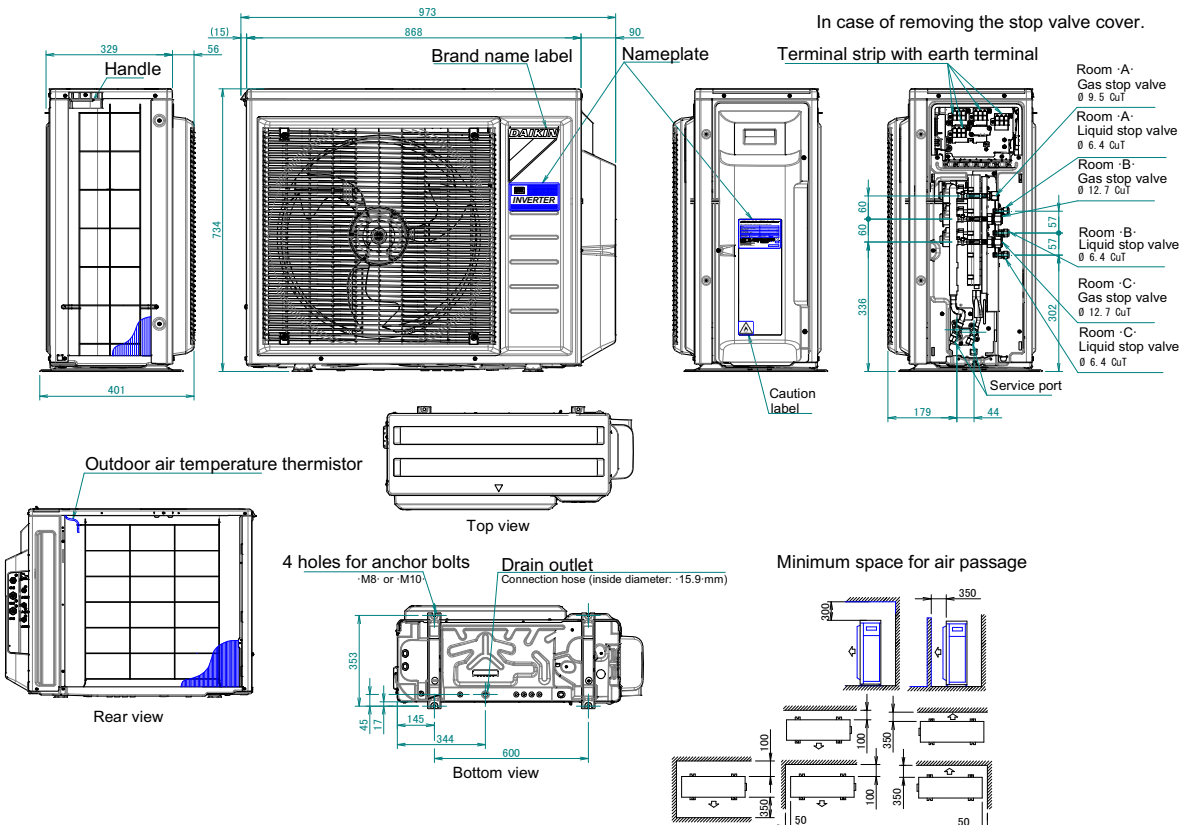
6

### 3MXF52A



3D126728

### 3MXF68A

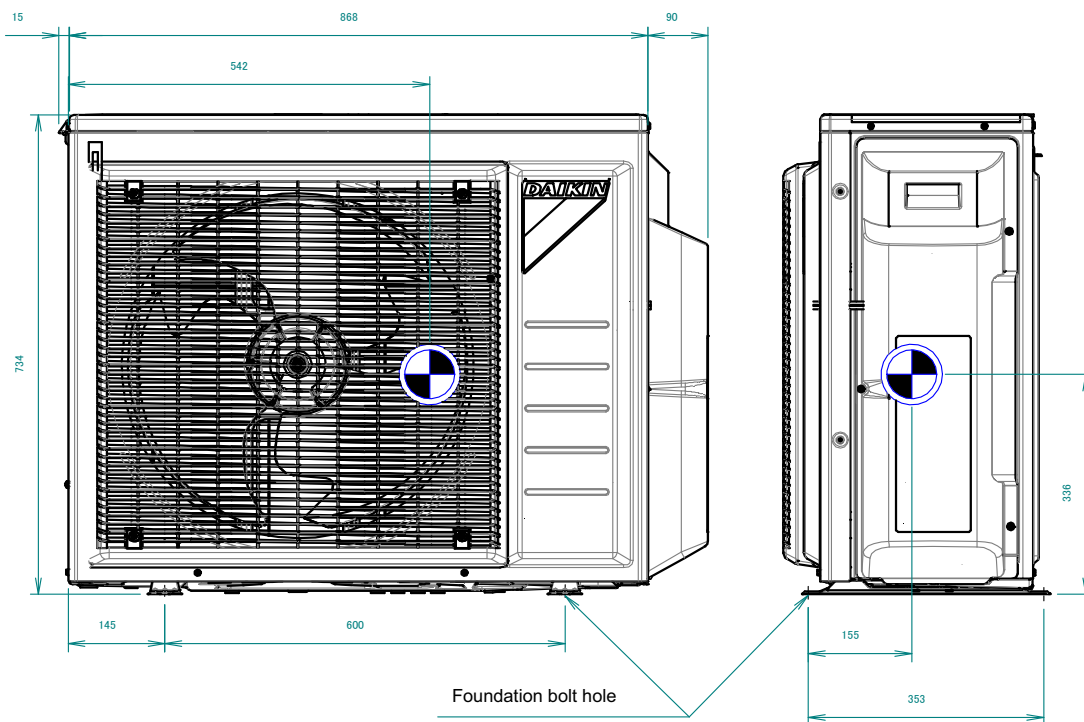


3D126729

# 7 Centre of gravity

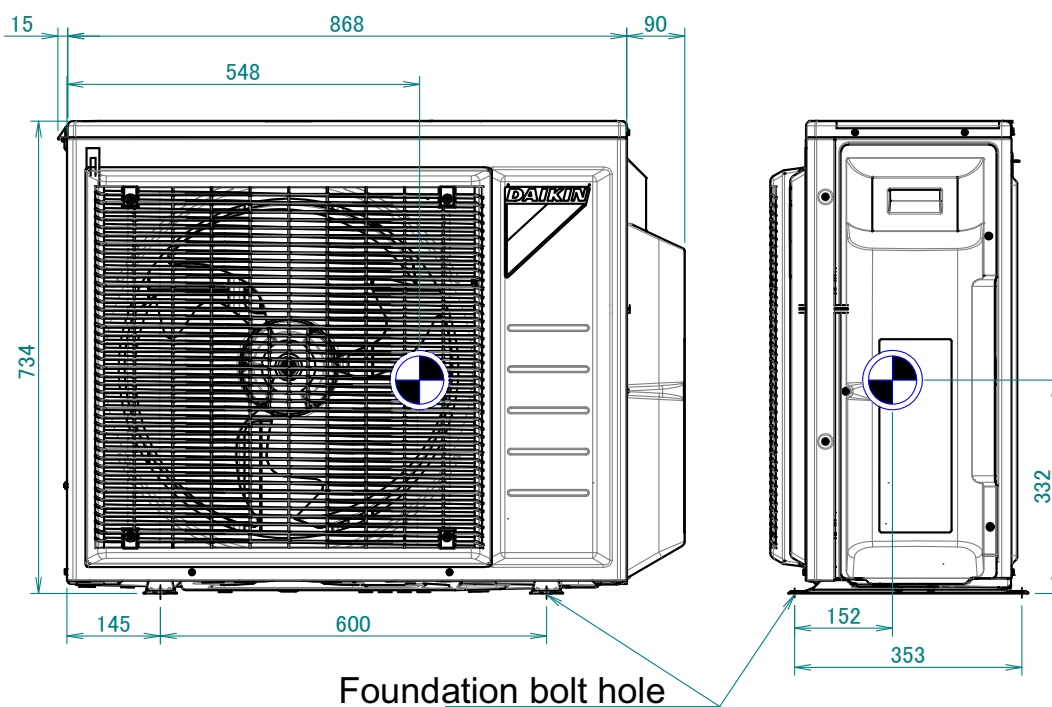
## 7 - 1 Centre of Gravity

3MXF52A



4D126595

3MXF68A



4D126599

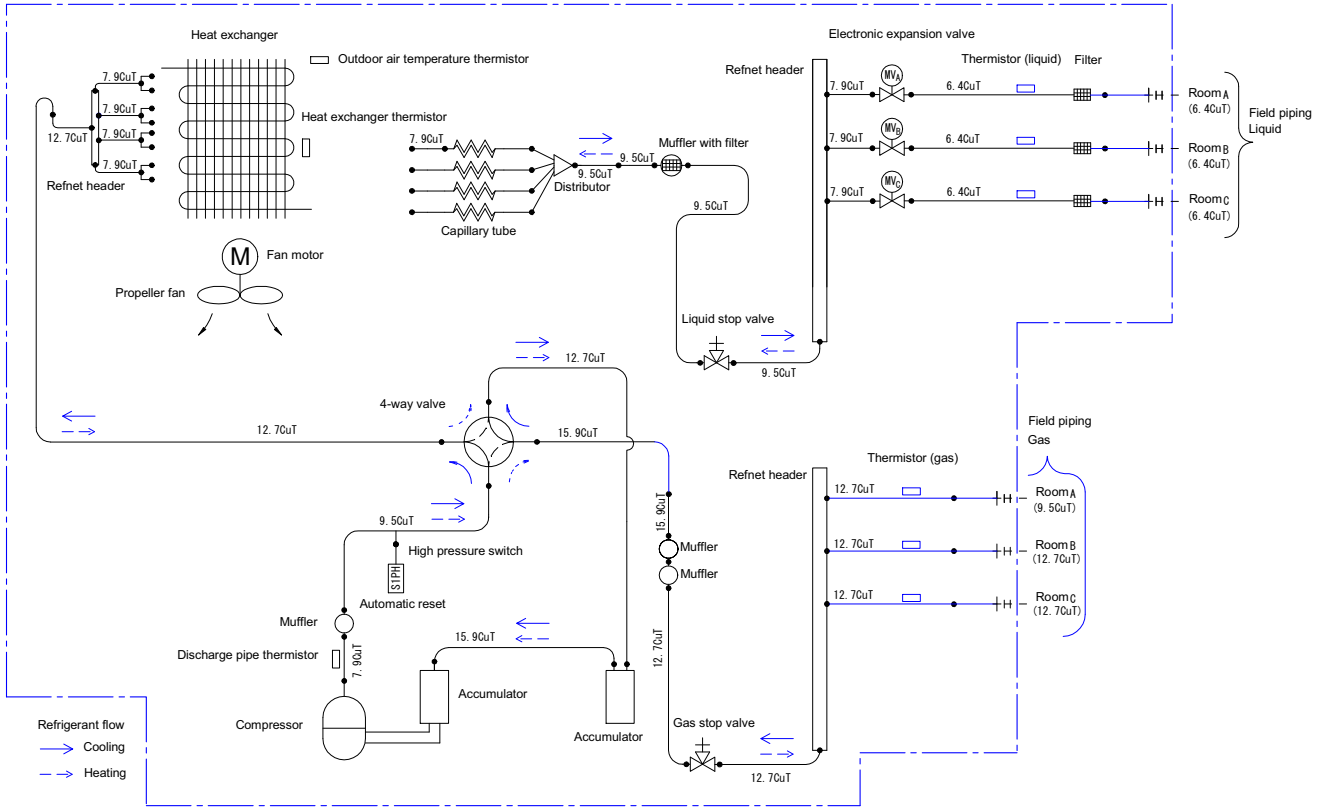
# 8 Piping diagrams

## 8 - 1 Piping Diagrams

8

### 3MXF52A

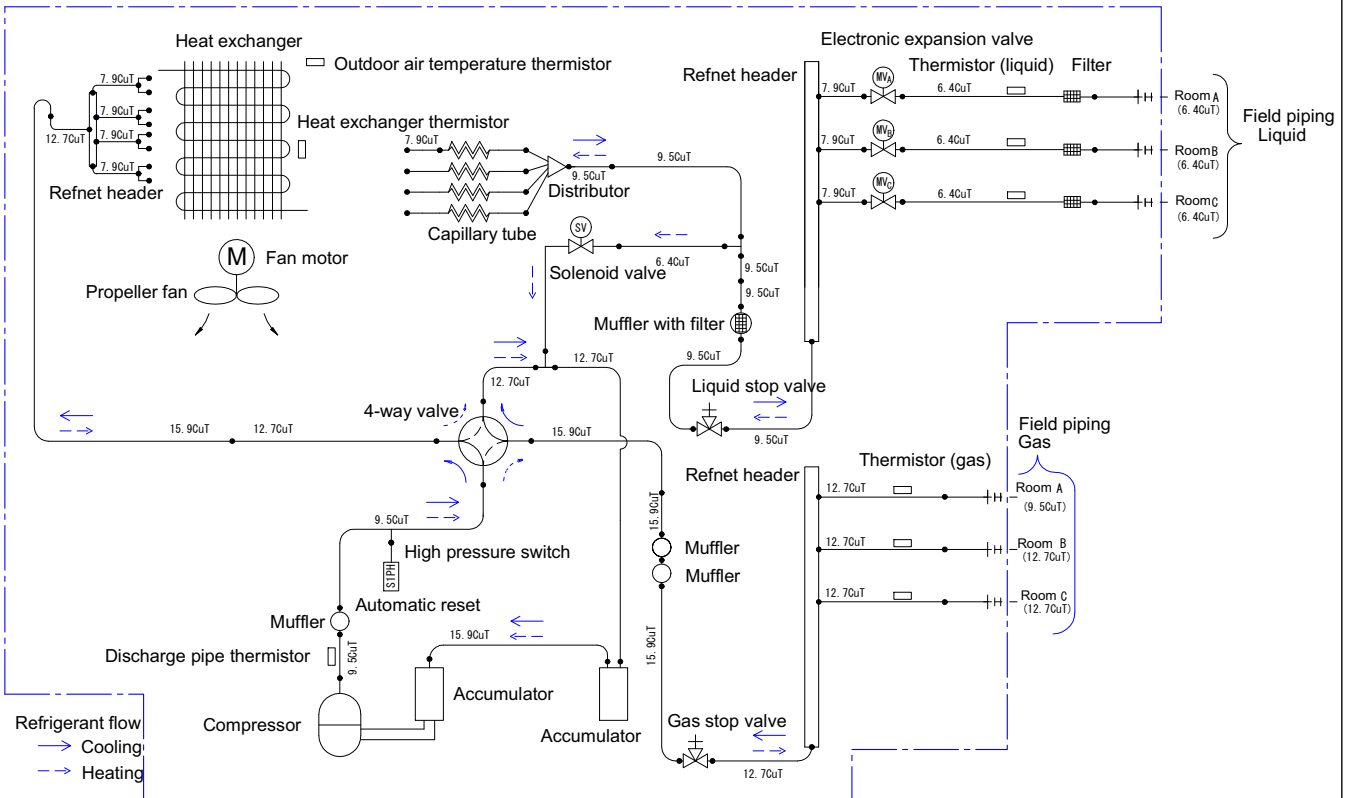
#### Outdoor Unit



3D09798C

### 3MXF68A

#### Outdoor Unit



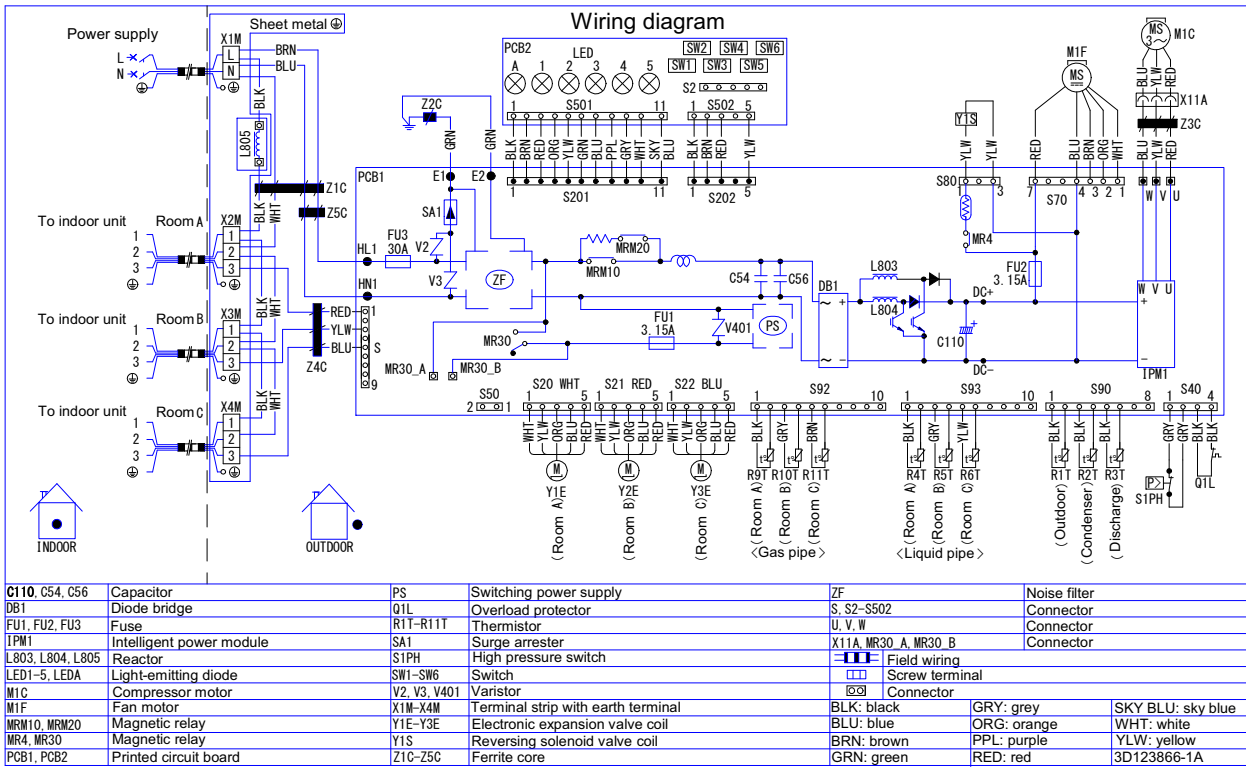
3D10077C



# 9 Wiring diagrams

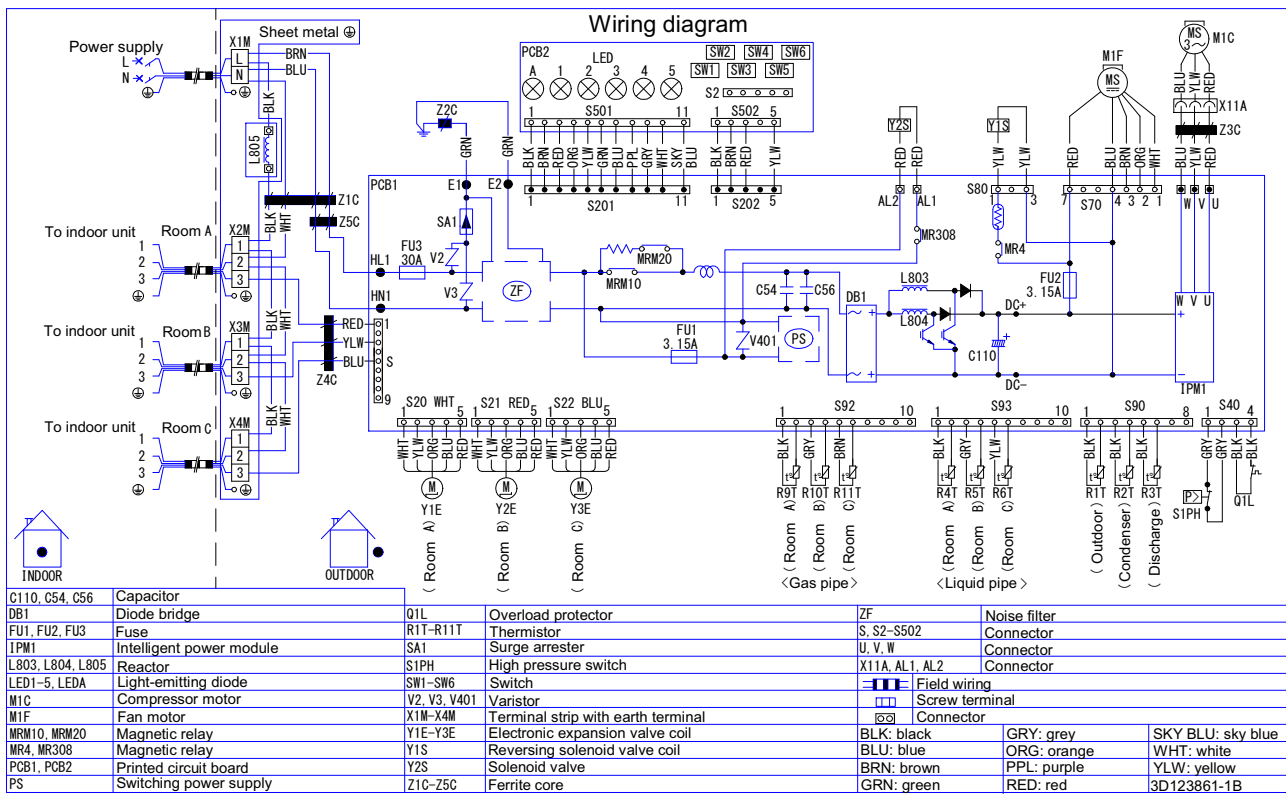
## 9 - 1 Wiring Diagrams - Single Phase

### 3MXF52A



3D123866A

### 3MXF68A



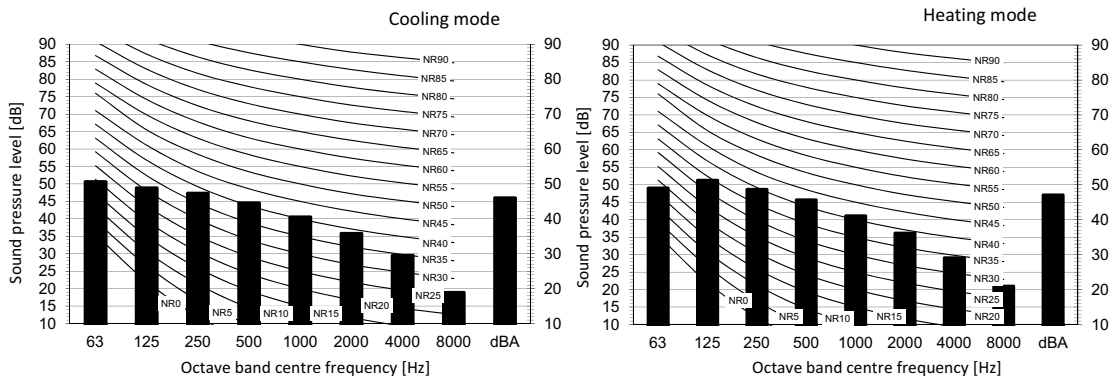
3D123861B

# 10 Sound data

## 10 - 1 Sound Pressure Spectrum

10

### 3MXF52A



**Legend**

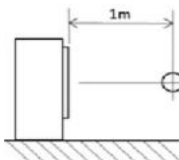
dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale  
 B Fan speed: High

Cooling Total dB	
A	B
dBA	46

Heating Total dB	
A	B
dBA	47

Location of microphone

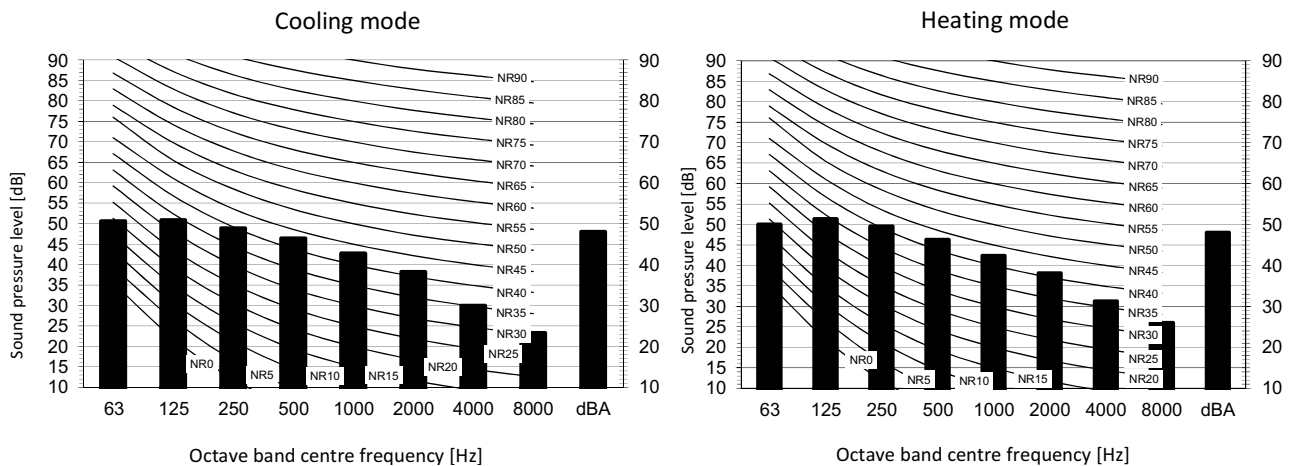


**Notes**

1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

3D102459D

### 3MXF68A



**Legend**

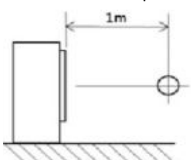
dBA = A-weighted sound pressure level (A scale according to IEC).

A Scale  
 B Fan speed: High

Cooling Total dB	
A	B
dBA	48

Heating Total dB	
A	B
dBA	49

Location of microphone



**Notes**

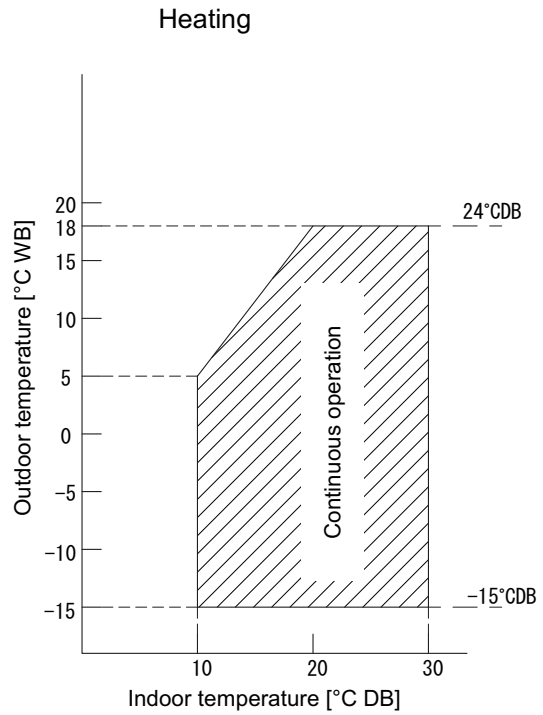
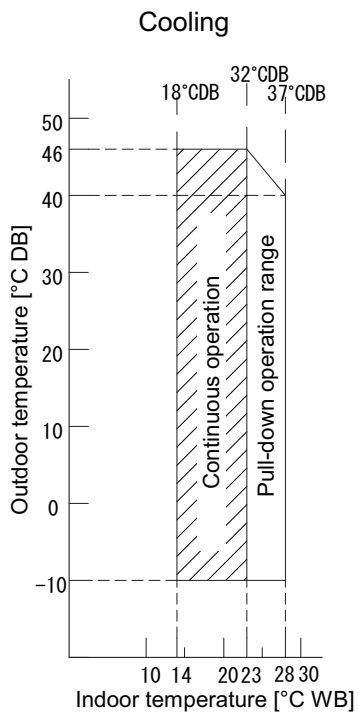
1. Operating conditions: power source 220-240 V/220 V 50/60 Hz; JIS standard
2. Background noise already taken into account.
3. Operating noise varies depending on operation and ambient conditions.
4. The operation noise measuring method is in accordance with JISC9612.
5. Measuring location: anechoic chamber

3D106223B

# 11 Operation range

## 11 - 1 Operation Range

3MXF-A



**Notes**

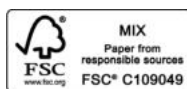
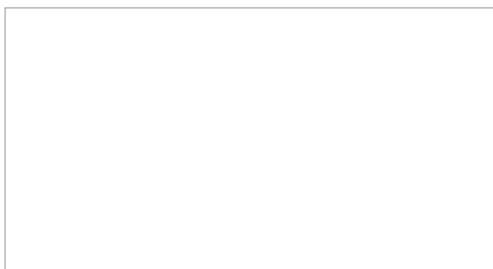
- The graph is based on the following conditions:  
 Corresponding refrigerant piping length: 5 m  
 Level difference: 0 m  
 Air flow rate: High

3D101376D





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