

Revision G:

- MXZ-2HA40VF3 - ☐ E1, ☐ ET1, MXZ-2HA50VF3 - ☐ E1, ☐ ET1 and MXZ-3HA50VF3 - ☐ E1, ☐ ET1 have been added.

OBB828 REVISED EDITION-F is void.

OUTDOOR UNIT

PARTS CATALOG


No. OBB828
REVISED EDITION-G

Models

MXZ-2HA40VF - ☐ E1, ☐ ET1, ☐ ER1, ☐ ET2

MXZ-2HA40VF2 - ☐ E1, ☐ ET1

MXZ-2HA40VF3 - ☐ E1, ☐ ET1

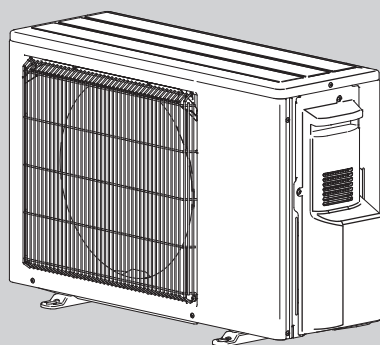
MXZ-2HA50VF - ☐ E1, ☐ ET1, ☐ ER1, ☐ ET2

MXZ-2HA50VF2 - ☐ E1, ☐ ET1

MXZ-2HA50VF3 - ☐ E1, ☐ ET1

MXZ-3HA50VF - ☐ E1, ☐ ET1, ☐ ER1, ☐ E2, ☐ ET2, ☐ ER2, ☐ E3

MXZ-3HA50VF2 - ☐ E1, ☐ ET1

MXZ-3HA50VF3 - ☐ E1, ☐ ET1

MXZ-2HA40VF
MXZ-2HA40VF2
MXZ-2HA40VF3
MXZ-2HA50VF
MXZ-2HA50VF2
MXZ-2HA50VF3

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SERVICE MANUAL (OBH828)

Revision A:

- Some descriptions have been modified.

Revision B:

- MXZ-2HA40/50VF-**E2** and MXZ-3HA50VF-**E2** have been added.

Revision C:

- MXZ-2HA40/50VF-**ER1** and MXZ-3HA50VF-**ER1** have been added.

Revision D:

- MXZ-3HA50VF - **ET2**, **ER2**, **E3** have been added.

Revision E:

- MXZ-2HA40VF2 - **E1**, **ET1**, MXZ-2HA50VF2 - **E1**, **ET1** and MXZ-3HA50VF2 - **E1**, **ET1** have been added.

Revision F:

- Parts numbers of the outdoor control P.C. board, the outdoor power P.C. board, the reactor and the compressor for MXZ-3HA50VF2 - **E1**, **ET1** have been changed.

Revision G:

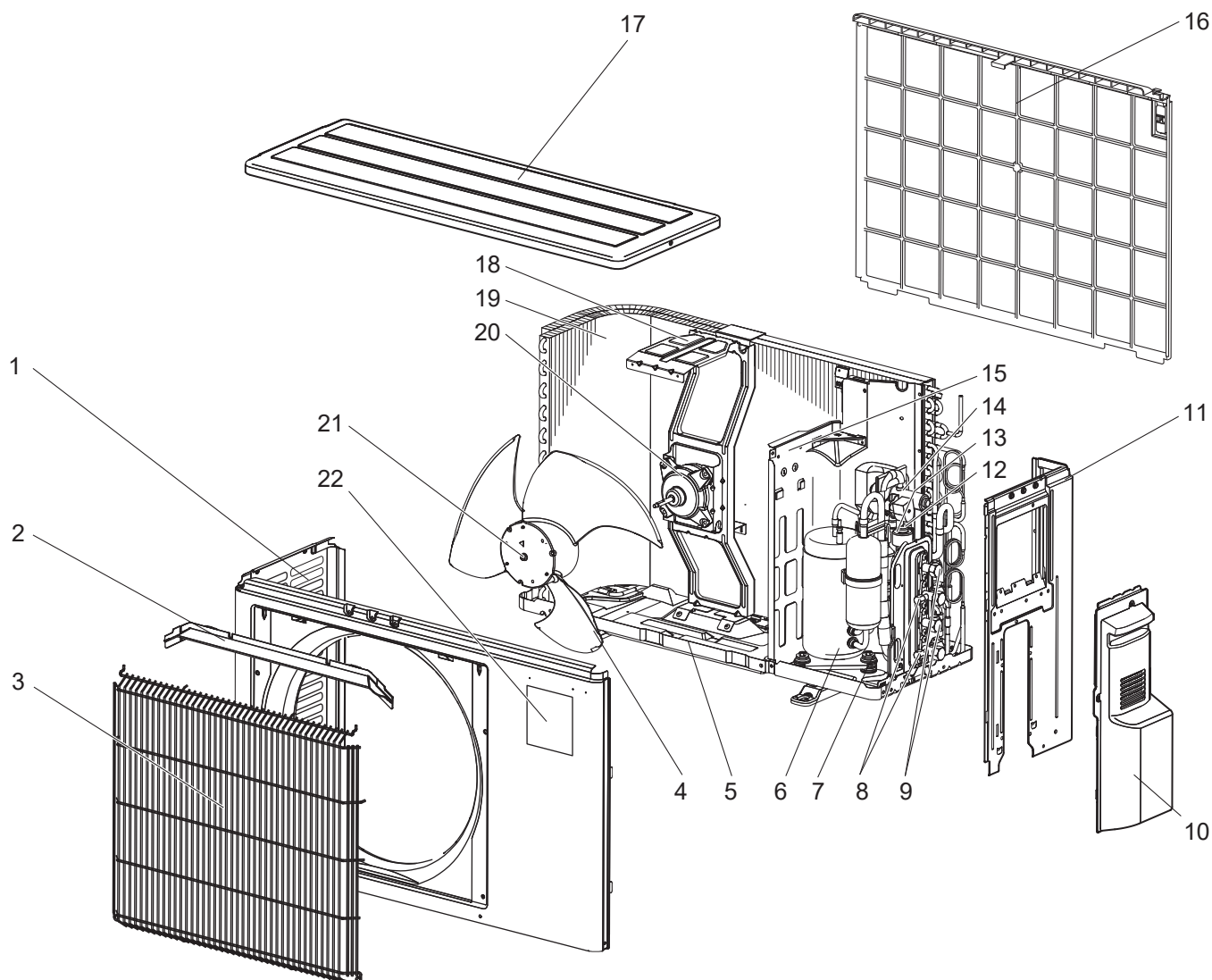
- MXZ-2HA40VF3 - **E1**, **ET1**, MXZ-2HA50VF3 - **E1**, **ET1** and MXZ-3HA50VF3 - **E1**, **ET1** have been added.

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SERVICE PARTS LIST

MXZ-2HA40VF MXZ-2HA50VF

1-1. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS



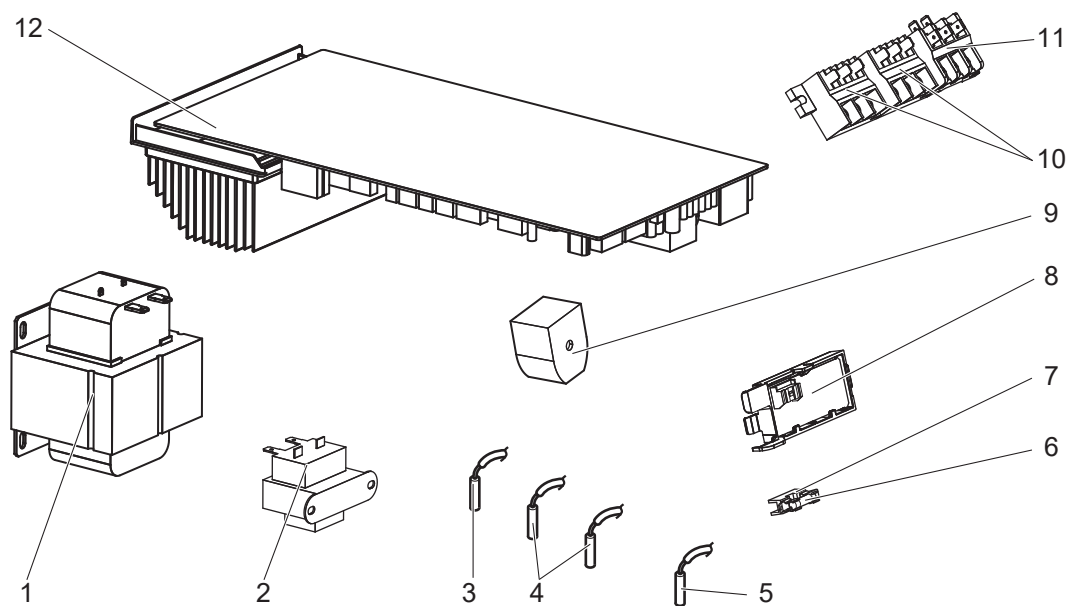
1-1. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

No.	Part No.	Part Name	MXZ-2HA40VF - E1	MXZ-2HA40VF - ET1	MXZ-2HA40VF - ER1	MXZ-2HA40VF - E2	MXZ-2HA50VF - E1	MXZ-2HA50VF - ET1	MXZ-2HA50VF - ER1	MXZ-2HA50VF - E2	Symbol In Wiring Diagram	Remarks [Drawing No.]
1	E22 J63 232	CABINET	1	1	1	1	1	1	1	1		
2	E22 J63 531	ICE GUARD	1	1	1	1	1	1	1	1		
3	E22 J63 521	GRILLE	1	1	1	1	1	1	1	1		
4	E22 927 501	PROPELLER FAN	1	1	1	1	1	1	1	1		
5	E22 J63 290	BASE	1	1	1	1	1	1	1	1		
6	E22 R83 900	COMPRESSOR	1	1	1	1	1	1	1	1	MC	SVB130FBBMT
7	E22 C34 506	COMPRESSOR RUBBER SET	3	3	3	3	3	3	3	3		3 RUBBERS/SET
8	E22 T95 661	STOP VALVE (GAS) 3/8	2	2	2	2	2	2	2	2		Ø9.52
9	E22 T95 662	STOP VALVE (LIQUID) 1/4	2	2	2	2	2	2	2	2		Ø6.35
10	E22 J63 245	SERVICE PANEL	1	1	1	1	1	1	1	1		
11	E22 J63 233	BACK PANEL	1	1	1	1	1	1	1	1		
12	E27 F03 640	EXPANSION VALVE	1	1	1	1	1	1	1	1		ROOM B
13	E22 90C 493	EXPANSION VALVE COIL	1	1	1	1	1	1	1	1	LEV B	BLUE
14	E22 A47 961	4-WAY VALVE	1	1	1	1	1	1	1	1		
15	E22 G11 293	SEPARATOR	1	1	1	1	1	1	1	1		
16	E22 G06 523	CONDENSER NET	1	1	1	1	1	1	1	1		
17	E22 J63 297	TOP PANEL	1	1	1	1	1	1	1	1		Includes PL NOTICE, SERVICE NOTE
18	E22 R50 515	MOTOR SUPPORT	1	1	1	1	1	1	1	1		
19	E22 G06 630	OUTDOOR HEAT EXCHANGER	1	1	1	1	1	1	1	1		
20	E22 P03 301	OUTDOOR FAN MOTOR	1	1	1	1	1	1	1	1	MF	
21	E27 L05 508	PROPELLER FAN NUT	1	1	1	1	1	1	1	1		
22	—	BRAND LABEL	1	1	1	1	1	1	1	1		[DK79G041H02]
23	E22 838 936	CAPILLARY TUBE	2	2	2	2	2	2	2	2		Ø3.0 × Ø2.0 × 200
24	E27 F03 640	EXPANSION VALVE	1	1	1	1	1	1	1	1		ROOM A
25	E22 89C 493	EXPANSION VALVE COIL	1	1	1	1	1	1	1	1	LEV A	RED
26	E27 N04 250	SCREW TS.ST 4 x 10	25	25	25	25	25	25	25	25		
27	E27 M71 078	THERMO COVER	1	1	1	1	1	1	1	1		
28	—	COMPRESSOR LEAD ASSEMBLY	1	1	1	1	1	1	1	1		[DM78R445G06]
29	—	COMPRESSOR FELT (TOP)	1	1	1	1	1	1	1	1		[SU33R462H02]
30	—	COMPRESSOR FELT (BODY)	1	1	1	1	1	1	1	1		[BT33B019H03]
31	—	COMPRESSOR FELT (OUTER)	1	1	1	1	1	1	1	1		[SU33N495H02]
32	E22 94G 645	EXPANSION VALVE ASSEMBLY	1	1	1	1	1	1	1	1		Includes STOP VALVES (LIQ, GAS), LEV body, Capillary tubes (Ø3.0 × Ø2.0 × 200)

MXZ-2HA40VF MXZ-2HA50VF

1-2. OUTDOOR UNIT ELECTRICAL PARTS

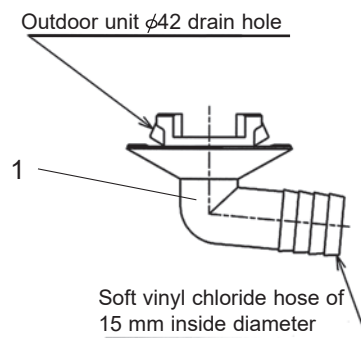


1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part Name	MXZ-2HA40VF - E1	MXZ-2HA40VF - ET1	MXZ-2HA40VF - ER1	MXZ-2HA40VF - E2	MXZ-2HA50VF - E1	MXZ-2HA50VF - ET1	MXZ-2HA50VF - ER1	MXZ-2HA50VF - E2	Symbol In Wiring Diagram	Remarks
1	E22 G11 337	REACTOR	1	1	1	1	1	1	1	1	ACL	10A 23μH
2	E22 J63 337	REACTOR	1	1	1	1	1	1	1	1	ACL2	2A 25μH
3	E22 W50 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1	1	1	1	1	1	1	1	RT68	
4	E22 78A 308	THERMISTOR SET	1	1	1	1	1	1	1	1	RT61,62	DEFROST, DISCHARGE TEMPERATURE
5	E22 W50 309	AMBIENT TEMPERATURE THERMISTOR	1	1	1	1	1	1	1	1	RT65	
6	E22 784 382	FUSE	1	1	1	1	1	1	1	1	F1	T3.15AL250V
7	E27 001 241	FUSE HOLDER	1	1	1	1	1	1	1	1		
8	E22 J63 329	OUTDOOR DISPLAY P.C. BOARD	1	1	1	1	1	1	1	1		
9	E22 A47 490	R.V. COIL	1	1	1	1	1	1	1	1	21S4	Includes HEXAGON BOLT
10	E22 935 374	TERMINAL BLOCK	2	2	2	2	2	2	2	2	TB2,TB3	Indoor unit connecting
11	E22 F29 374	TERMINAL BLOCK	1	1	1	1	1	1	1	1	TB1	Power supply
12	E22 94G 451	INVERTER P.C. BOARD	1	1	1	1						Includes heat sink and RT64
12	E22 95G 451	INVERTER P.C. BOARD					1	1	1	1		Includes heat sink and RT64

MXZ-2HA40VF MXZ-2HA50VF

1-3. DRAIN SOCKET

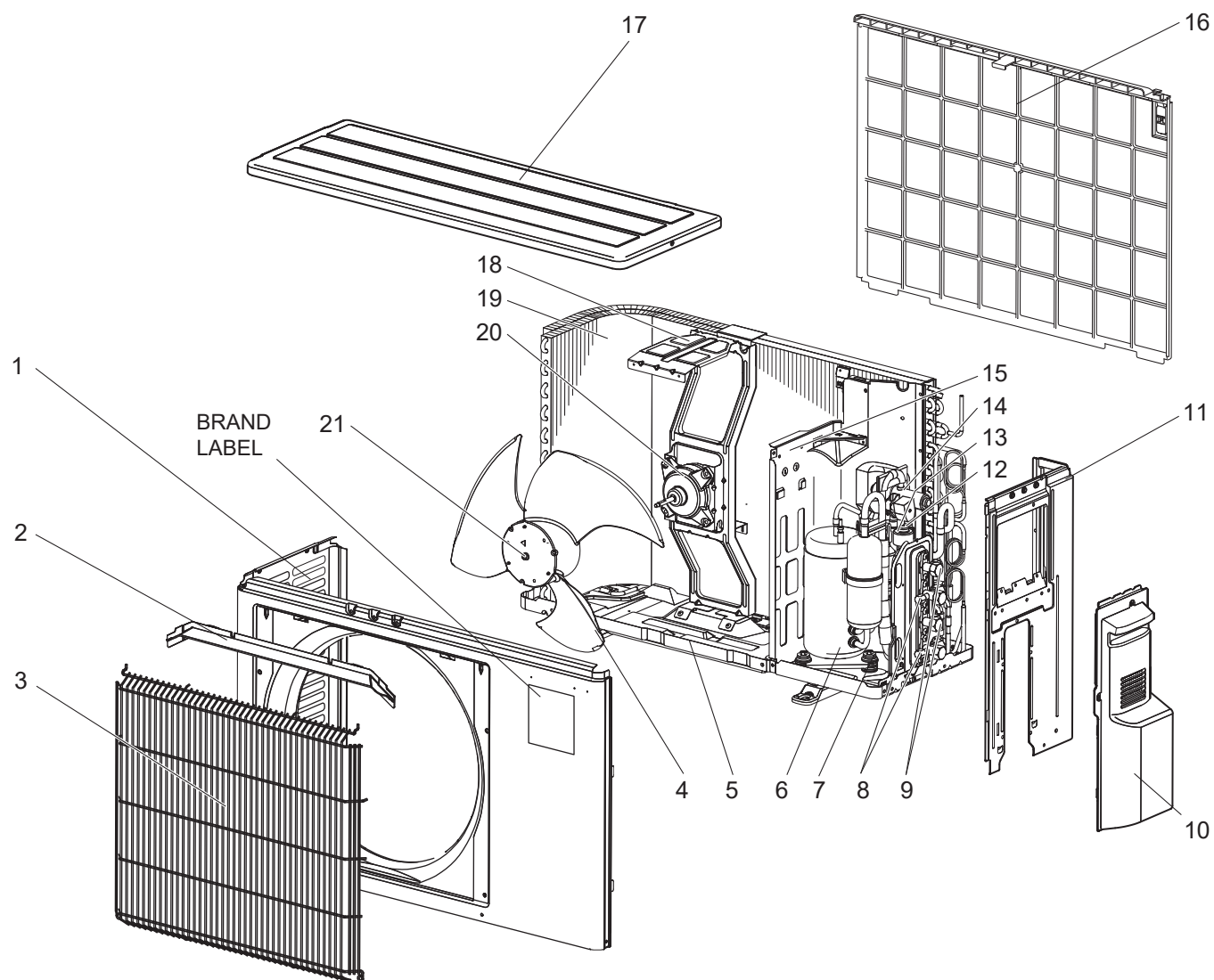


1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part Name	MXZ-2HA40VF - E1	MXZ-2HA40VF - ET1	MXZ-2HA40VF - ER1	MXZ-2HA40VF - E2	MXZ-2HA50VF - E1	MXZ-2HA50VF - ET1	MXZ-2HA50VF - ER1	MXZ-2HA50VF - E2	Symbol In Wiring Diagram	Remarks
1	E22 838 704	DRAIN SOCKET	1	1	1	1	1	1	1	1		

MXZ-2HA40VF2 MXZ-2HA50VF2

1-4. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS



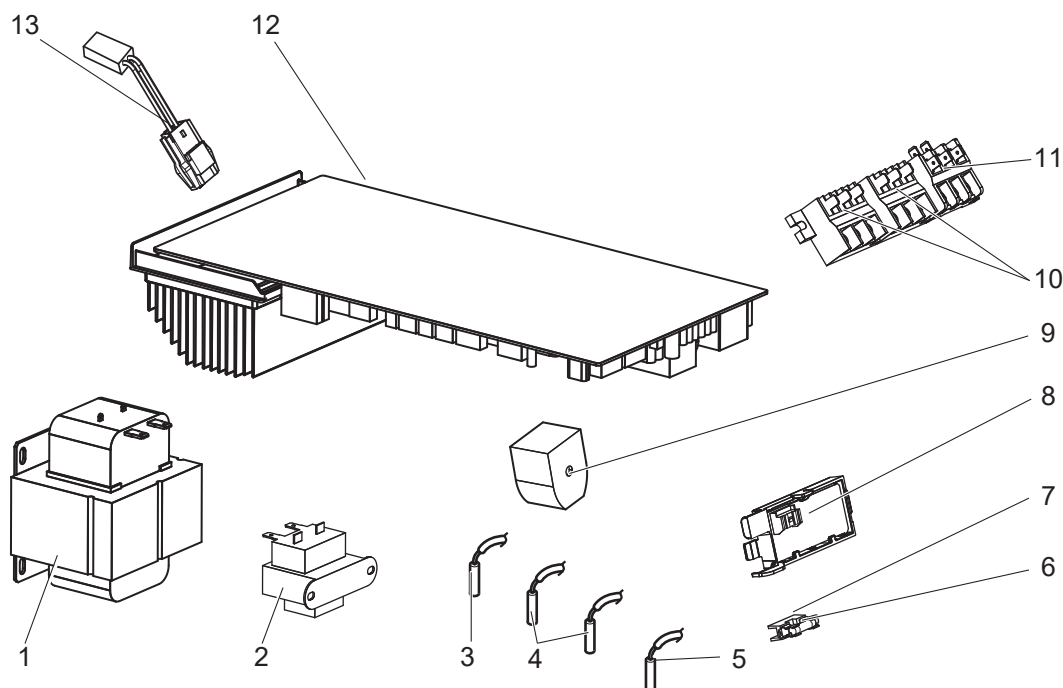
1-4. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

No.	Part No.	Part Name	MXZ-2HA40VF2 - E1	MXZ-2HA40VF2 - ET1	MXZ-2HA50VF2 - E1	MXZ-2HA50VF2 - ET1	Symbol In Wiring Diagram	Remarks
1	E22 51V 232	CABINET	1	1	1	1		
2	E22 J63 531	ICE GUARD	1	1	1	1		
3	E22 Y84 521	GRILLE	1	1	1	1		
4	E22 927 501	PROPELLER FAN	1	1	1	1		
5	E22 98W 290	BASE	1	1	1	1		
6	E22 46W 900	COMPRESSOR	1	1	1	1	MC	SVB130FBBMT
7	E22 C34 506	COMPRESSOR RUBBER SET	3	3	3	3		3 RUBBERS/SET
8	E22 T95 661	STOP VALVE (GAS) 3/8	2	2	2	2		Ø9.52
9	E22 T95 662	STOP VALVE (LIQUID) 1/4	2	2	2	2		Ø6.35
10	E22 R81 245	SERVICE PANEL	1	1	1	1		
11	E22 J63 233	BACK PANEL	1	1	1	1		
12	E27 F03 640	EXPANSION VALVE	1	1	1	1		ROOM B
13	E22 90C 493	EXPANSION VALVE COIL	1	1	1	1	LEV B	BLUE
14	E22 A47 961	4-WAY VALVE	1	1	1	1		
15	E22 51V 293	SEPARATOR	1	1	1	1		
16	E22 G06 523	CONDENSER NET	1	1	1	1		
17	E22 51V 297	TOP PANEL	1	1	1	1		Includes PL NOTICE, SERVICE NOTE
18	E22 R50 515	MOTOR SUPPORT	1	1	1	1		
19	E22 95K 630	OUTDOOR HEAT EXCHANGER	1	1	1	1		
20	E22 P03 301	OUTDOOR FAN MOTOR	1	1	1	1	MF	RC0J50-□□
21	E27 L05 508	PROPELLER FAN NUT	1	1	1	1		
②②	E22 838 936	CAPILLARY TUBE	2	2	2	2		Ø3.0 × Ø2.0 × 200
②③	E27 F03 640	EXPANSION VALVE	1	1	1	1		ROOM A
②④	E22 89C 493	EXPANSION VALVE COIL	1	1	1	1	LEV A	RED
②⑤	E27 M71 078	THERMO HOLDER COVER	1	1	1	1		for RT65
②⑥	E22 99W 645	EXPANSION VALVE ASSEMBLY	1	1	1	1		Includes STOP VALVES (LIQ, GAS), LEV body, Capillary tubes (Ø3.0 × Ø2.0 × 200)

MXZ-2HA40VF2 MXZ-2HA50VF2

1-5. OUTDOOR UNIT ELECTRICAL PARTS

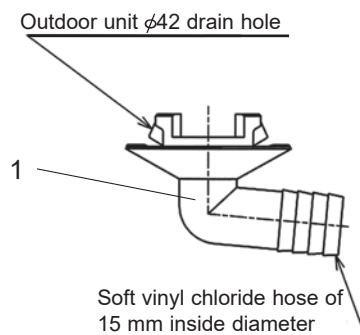


1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part Name	MXZ-2HA40VF2 - E1	MXZ-2HA40VF2 - ET1	MXZ-2HA50VF2 - E1	MXZ-2HA50VF2 - ET1	Symbol In Wiring Diagram	Remarks
1	E22 20A 337	REACTOR	1	1	1	1	ACL	10A 23μH
2	E22 J63 337	REACTOR	1	1	1	1	ACL2	2A 25μH
3	E22 94K 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1	1	1	1	RT68	
4	E22 94K 308	THERMISTOR SET	1	1	1	1	RT61,62	DEFROST, DISCHARGE TEM- PERATURE
5	E22 W50 309	AMBIENT TEMPERATURE THERMISTOR	1	1	1	1	RT65	
6	E22 784 382	FUSE	1	1	1	1	F1	T3.15AL250V
7	E27 001 241	FUSE HOLDER	1	1	1	1		
8	E22 J63 329	OUTDOOR DISPLAY P.C. BOARD	1	1	1	1		
9	E22 A47 490	R.V. COIL	1	1	1	1	21S4	Includes HEXAGON BOLT
10	E22 935 374	TERMINAL BLOCK	2	2	2	2	TB2,TB3	Indoor unit connecting
11	E22 F29 374	TERMINAL BLOCK	1	1	1	1	TB1	Power supply
12	E22 06X 451	INVERTER P.C. BOARD	1	1				Includes heat sink and RT64
12	E22 07X 451	INVERTER P.C. BOARD			1	1		Includes heat sink and RT64
13	E22 51V 381	THERMAL PROTECTOR	1	1	1	1	TRS	

MXZ-2HA40VF2 MXZ-2HA50VF2

1-6. DRAIN SOCKET

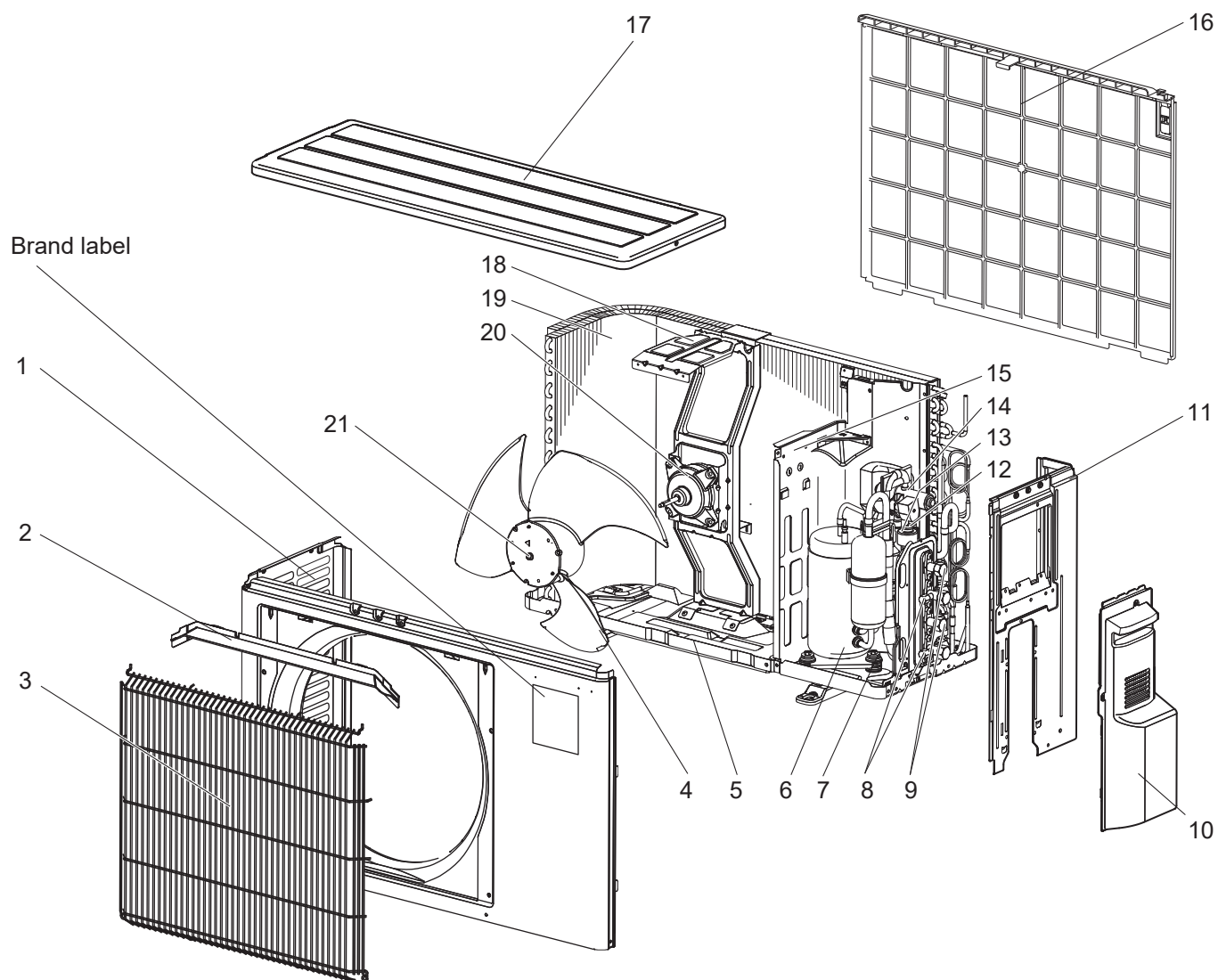


1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part Name	MXZ-2HA40VF2 - E1	MXZ-2HA40VF2 - ET1	MXZ-2HA50VF2 - E1	MXZ-2HA50VF2 - ET1	Symbol In Wiring Diagram	Remarks
1	E22 838 704	DRAIN SOCKET	1	1	1	1		

MXZ-2HA40VF3 MXZ-2HA50VF3

1-7. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS



1-7. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

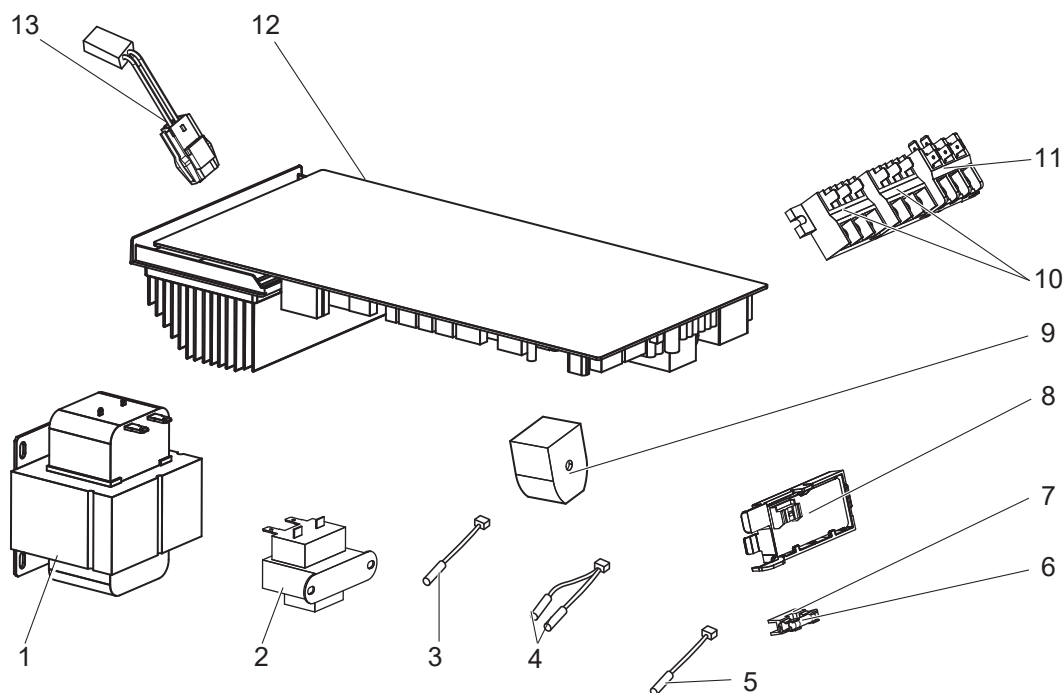
1. The part quantity below indicates the required number of pieces per unit.

2. The circled No. indicates that the part is not shown in the figure.

No.	Part No.	Part Name	MXZ-2HA40VF3 - E1	MXZ-2HA40VF3 - ET1	MXZ-2HA50VF3 - E1	MXZ-2HA50VF3 - ET1	Symbol In Wiring Diagram	Remarks
1	E22 J63 232	CABINET	1	1	1	1		
2	E22 J63 531	ICE GUARD	1	1	1	1		
3	E22 Y84 521	GRILLE	1	1	1	1		
4	E22 927 501	PROPELLER FAN	1	1	1	1		
5	E22 98W 290	BASE	1	1	1	1		
6	E22 46W 900	COMPRESSOR	1	1	1	1	MC	SVB130FBBMT
7	E22 C34 506	COMPRESSOR RUBBER SET	3	3	3	3		3 RUBBERS/SET
8	E22 T95 661	STOP VALVE (GAS) 3/8	2	2	2	2		Ø9.52
9	E22 T95 662	STOP VALVE (LIQUID) 1/4	2	2	2	2		Ø6.35
10	E22 J63 245	SERVICE PANEL	1	1	1	1		
11	E22 J63 233	BACK PANEL	1	1	1	1		
12	E27 9N9 640	EXPANSION VALVE	1	1	1	1		ROOM B
13	E27 0P0 493	EXPANSION VALVE COIL	1	1	1	1	LEV B	BLUE
14	E22 A47 961	4-WAY VALVE	1	1	1	1		
15	E22 51V 293	SEPARATOR	1	1	1	1		
16	E22 G06 523	CONDENSER NET	1	1	1	1		
17	E22 51V 297	TOP PANEL	1	1	1	1		Includes PL NOTICE, SERVICE NOTE
18	E22 R50 515	MOTOR SUPPORT	1	1	1	1		
19	E22 95K 630	OUTDOOR HEAT EXCHANGER	1	1	1	1		
20	E27 9N9 301	OUTDOOR FAN MOTOR	1	1	1	1	MF	RC0J50-□□
21	E27 L05 508	PROPELLER FAN NUT	1	1	1	1		
②②	E22 838 936	CAPILLARY TUBE	2	2	2	2		Ø3.0 × Ø2.0 × 200, Close to LEV A, B
②③	E27 9N9 640	EXPANSION VALVE	1	1	1	1		ROOM A
②④	E27 9N9 493	EXPANSION VALVE COIL	1	1	1	1	LEV A	RED
②⑤	E27 M71 078	THERMO HOLDER COVER	1	1	1	1		for RT65
②⑥	E27 9N9 645	EXPANSION VALVE ASSEMBLY	1	1	1	1		Includes STOP VALVES (LIQ, GAS), LEV body, Capillary tubes (Ø3.0 × Ø2.0 × 200)
②⑦	—	LEAD ASSY COMP	1	1	1	1		[DM78R445G07]
②⑧	—	COMP FELT(TOP)	1	1	1	1		[SU33R462H02]
②⑨	—	COMP FELT(BODY)	1	1	1	1		[VU33J281H01]
③⑩	—	COMP FELT(OUTER)	1	1	1	1		[SU33N495H02]

MXZ-2HA40VF3 MXZ-2HA50VF3

1-8. OUTDOOR UNIT ELECTRICAL PARTS

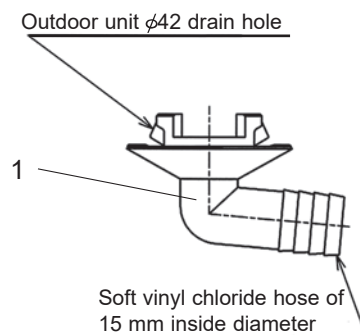


1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part Name	MXZ-2HA40VF3 - E1	MXZ-2HA40VF3 - ET1	MXZ-2HA50VF3 - E1	MXZ-2HA50VF3 - ET1	Symbol In Wiring Diagram	Remarks
1	E22 4L4 337	REACTOR	1	1	1	1	ACL	10A 23μH
2	E22 4L3 337	REACTOR	1	1	1	1	ACL2	2A 25μH
3	E22 94K 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1	1	1	1	RT68	
4	E22 94K 308	THERMISTOR SET	1	1	1	1	RT61,62	DEFROST, DISCHARGE TEM- PERATURE
5	E22 W50 309	AMBIENT TEMPERATURE THERMISTOR	1	1	1	1	RT65	
6	E22 784 382	FUSE	1	1	1	1	F1	T3.15AL250V
7	E27 001 241	FUSE HOLDER	1	1	1	1		
8	E22 J63 329	OUTDOOR DISPLAY P.C. BOARD	1	1	1	1		
9	E22 6P5 490	R.V. COIL	1	1	1	1	21S4	Includes HEXAGON BOLT
10	E22 935 374	TERMINAL BLOCK	2	2	2	2	TB2,TB3	Indoor unit connecting
11	E22 F29 374	TERMINAL BLOCK	1	1	1	1	TB1	Power supply
12	E27 9N9 451	INVERTER P.C. BOARD	1	1				Includes heat sink and RT64
12	E27 0P0 451	INVERTER P.C. BOARD			1	1		Includes heat sink and RT64
13	E22 51V 381	THERMAL PROTECTOR	1	1	1	1	TRS	

MXZ-2HA40VF3 MXZ-2HA50VF3

1-9. DRAIN SOCKET

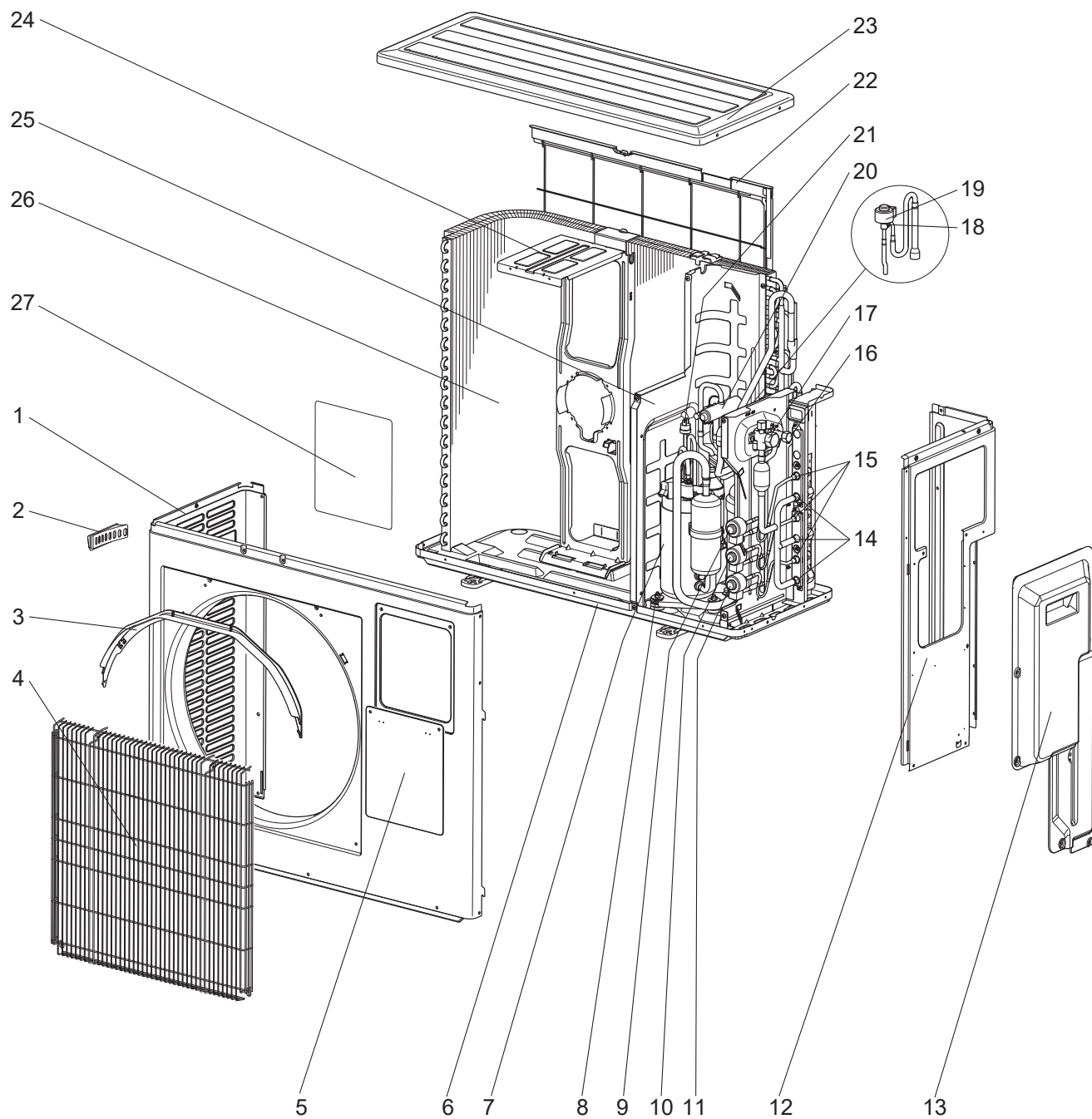


1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part Name	MXZ-2HA40VF3 - E1	MXZ-2HA40VF3 - ET1	MXZ-2HA50VF3 - E1	MXZ-2HA50VF3 - ET1	Symbol In Wiring Diagram	Remarks
1	E22 838 704	DRAIN SOCKET	1	1	1	1		

MXZ-3HA50VF - [E1, ET1, ER1, E2, ET2, ER2]

1-10. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS



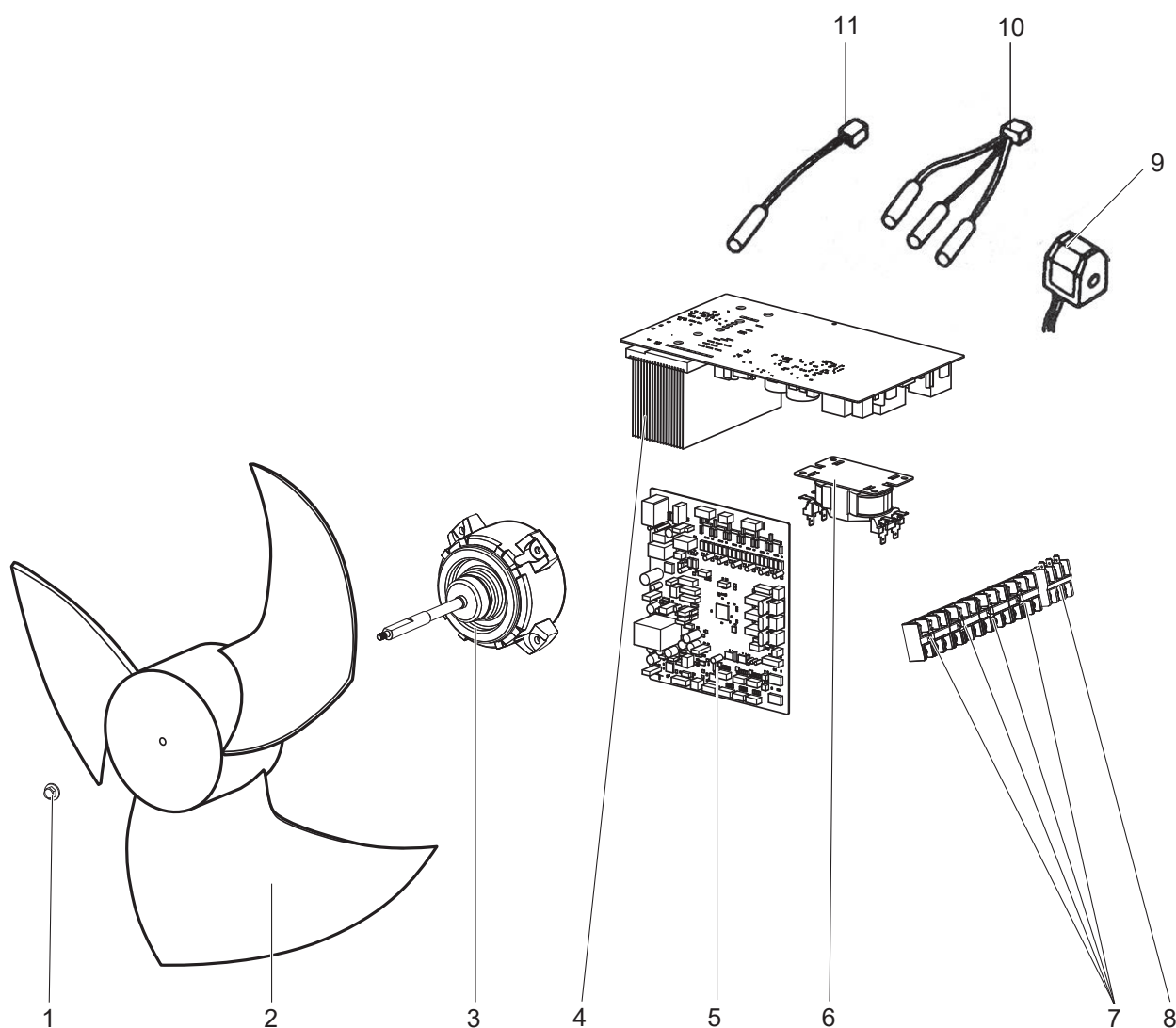
1-10. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

No.	Part No.	Part Name	MXZ-3HA50VF - E1	MXZ-3HA50VF - ET1	MXZ-3HA50VF - ER1	MXZ-3HA50VF - E2	MXZ-3HA50VF - ET2	MXZ-3HA50VF - ER2	Symbol In Wiring Diagram	Remarks [Drawing No.]
1	E22 T07 232	CABINET	1	1	1	1	1	1		
2	E22 817 009	HANDLE	1	1	1	1	1	1		
3	E22 J69 531	ICE GUARD	1	1	1	1	1	1		
4	E22 R24 521	GRILLE	1	1	1	1	1	1		
5	E22 T07 246	SUB PANEL	1	1	1	1	1	1		
6	E22 T07 290	BASE	1	1	1	1	1	1		
7	E22 92C 900	COMPRESSOR	1	1	1	1	1	1	MC	SVB130FBBM1T
8	E22 C34 506	COMPRESSOR RUBBER SET	3	3	3	3	3	3		3 RUBBERS SET
9	E27 F03 640	EXPANSION VALVE	1	1	1	1	1	1		C room, LEV C, body Includes DAMPER
9	E22 94C 493	EXPANSION VALVE COIL	1	1	1	1	1	1	LEV C	C room, BLUE
10	E27 F03 640	EXPANSION VALVE	1	1	1	1	1	1		B room, LEV B, body Includes DAMPER
10	E22 93C 493	EXPANSION VALVE COIL	1	1	1	1	1	1	LEV B	B room, RED
11	E27 F03 640	EXPANSION VALVE	1	1	1	1	1	1		A room, LEV A, body Includes DAMPER
11	E22 92C 493	EXPANSION VALVE COIL	1	1	1	1	1	1	LEV A	A, room, WHITE
12	E22 R51 233	BACK PANEL	1	1	1	1	1	1		
13	E22 R51 245	SERVICE PANEL	1	1	1	1	1	1		
14	E22 D36 666	UNION (GAS) 3/8	3	3	3	3	3	3		Ø9.52
15	E22 D36 667	UNION (LIQUID) 1/4	3	3	3	3	3	3		Ø6.35
16	E22 D36 662	STOP VALVE (LIQUID) 3/8	1	1	1	1	1	1		Ø9.52
17	E22 D36 661	STOP VALVE (GAS) 5/8	1	1	1	1	1	1		Ø15.88
18	E22 06F 640	EXPANSION VALVE	1	1	1	1	1	1		LEV R, body
19	E22 T07 493	EXPANSION VALVE COIL	1	1	1	1	1	1	LEV R	BLUE
20	E22 C18 961	4-WAY VALVE	1	1	1	1	1	1		
21	E27 942 646	HIGH PRESSURE SWITCH	1	1	1	1	1	1	HPS	
22	E22 J69 523	REAR GUARD	1	1	1	1	1	1		
23	E22 819 297	TOP PANEL	1	1	1	1	1	1		Includes PL NOTICE, SERVICE NOTE
24	E22 J69 515	MOTOR SUPPORT	1	1	1	1	1	1		
25	E22 96G 293	SEPARATOR	1	1	1	1	1	1		
26	E22 T07 630	OUTDOOR HEAT EXCHANGER	1	1	1	1	1	1		
27	—	BRAND LABEL	1	1	1	1	1	1		[DK79G041H02]
28	E22 939 936	CAPILLARY TUBE	3	3	3	3	3	3		Ø4.0 × Ø2.8 × 100, Includes DAMPER
29	E22 96G 959	POWER RECEIVER	1	1	1	1	1	1		
30	E27 N04 250	SCREW TS.ST 4 x 10	33	33	33	33	33	33		
31	—	COMPRESSOR LEAD ASSEMBLY	1	1	1	1	1	1		[BH78T881G07]
32	—	COMPRESSOR FELT (TOP)	1	1	1	1	1	1		[RK33J337H03]
33	—	COMPRESSOR FELT (BODY)	1	1	1	1	1	1		[RK33J216H02]
34	—	COMPRESSOR FELT (SIDE)	1	1	1	1	1	1		[RK33J207H01]
35	—	COMPRESSOR FELT (BACK)	1	1	1	1	1	1		[BK33V324H01]
36	E22 96G 963	DISCHARGE PIPE ASSEMBLY	1	1	1	1	1	1		Includes HPS, Oil separator, Capillary tube (Ø2.5 × Ø0.6 × 1000)
37	E22 J69 299	OIL SEPARATOR	1	1	1	1	1	1		

MXZ-3HA50VF - E1, ET1, ER1, E2, ET2, ER2

1-11. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS



1-12. ACCESSORY



1-11. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS

1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

No.	Part No.	Part Name	MXZ-3HA50VF - E1	MXZ-3HA50VF - ET1	MXZ-3HA50VF - ER1	MXZ-3HA50VF - E2	MXZ-3HA50VF - ET2	MXZ-3HA50VF - ER2	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E27 A15 508	PROPELLER FAN NUT	1	1	1	1	1	1		
2	E22 851 501	PROPELLER FAN	1	1	1	1	1	1		
3	E22 16B 301	OUTDOOR FAN MOTOR	1	1	1	1			MF	
3	E22 99R 301	OUTDOOR FAN MOTOR					1	1	MF	
4	E22 92C 440	OUTDOOR POWER P.C. BOARD	1	1	1	1	1	1		Includes heat sink and RT64
5	E22 96G 450	OUTDOOR CONTROL P.C. BOARD	1	1	1	1				
5	E22 99R 450	OUTDOOR CONTROL P.C. BOARD					1	1		
6	E22 R51 337	REACTOR	1	1	1	1	1	1	L	20A 600μH
7	E22 C92 375	TERMINAL BLOCK	3	3	3	3	3	3	TB2~4	Indoor unit connecting
8	E22 G07 374	TERMINAL BLOCK	1	1	1	1	1	1	TB1	Power supply
9	E22 T07 490	R.V. COIL	1	1	1	1	1	1	21S4	Includes screw M5 x 6.5
10	E22 T07 308	THERMISTOR SET	1	1	1	1	1	1	RT61, RT62, RT68	DEFROST, DISCHARGE TEMPERATURE, OUTDOOR HEAT EXCHANGER TEMPERATURE
11	E22 96G 309	AMBIENT TEMPERATURE THERMISTOR	1	1	1	1	1	1	RT65	
⑫	—	OUTDOOR POWER P.C. BOARD HOLDER	1	1	1	1	1	1		[BK00N964G02]
⑬	—	P.C. BOARD COVER	1	1	1	1	1	1		[BK00T375G04]
⑭	—	OUTDOOR CONTROL P.C. BOARD HOLDER	1	1	1	1	1	1		[BK25Y530G05]

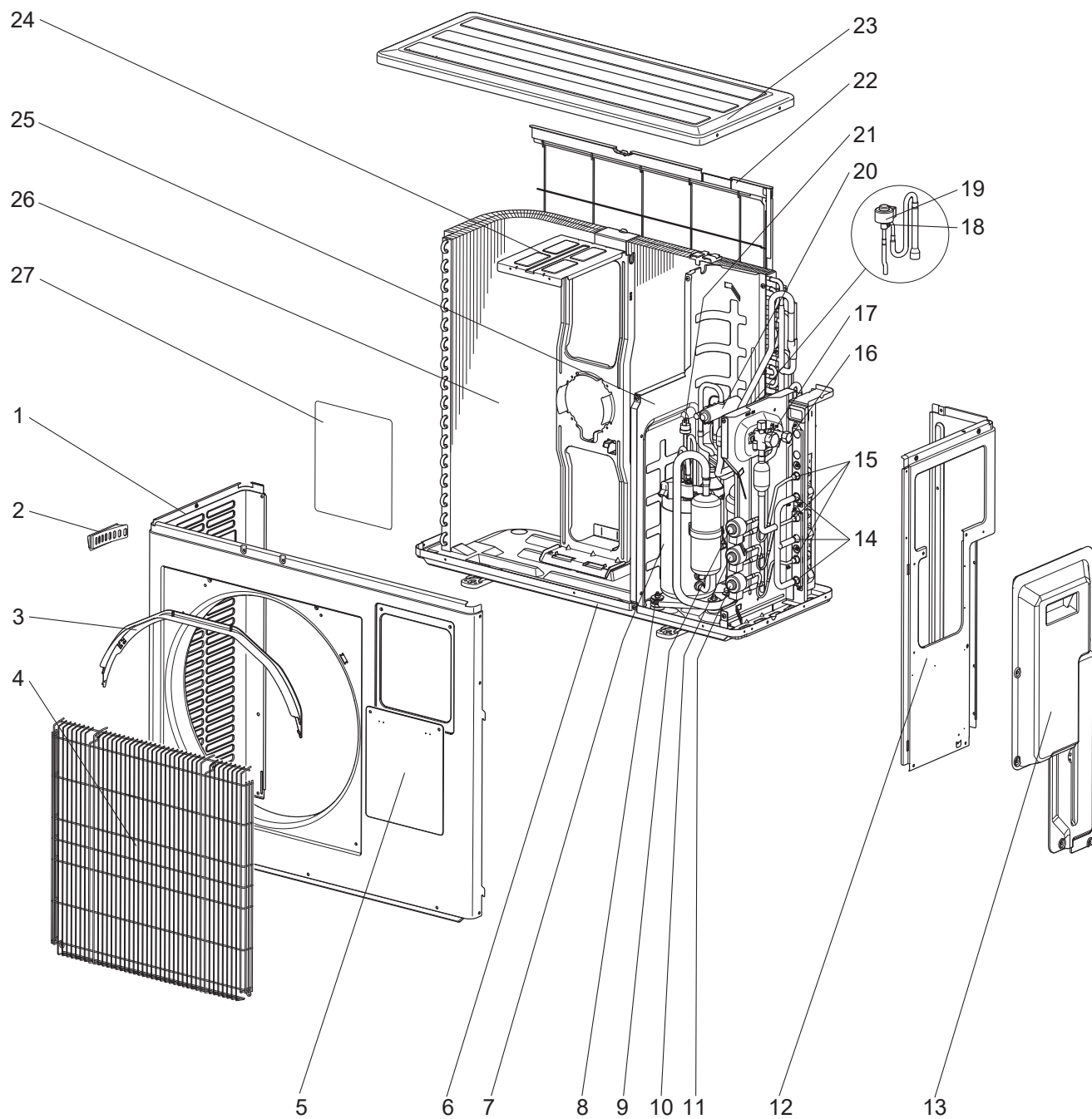
1-12. ACCESSORY

1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part Name	MXZ-3HA50VF - E1	MXZ-3HA50VF - ET1	MXZ-3HA50VF - ER1	MXZ-3HA50VF - E2	MXZ-3HA50VF - ET2	MXZ-3HA50VF - ER2	Symbol in Wiring Diagram	Remarks
15	E22 817 704	DRAIN SOCKET	1	1	1	1	1	1		
16	E22 444 705	DRAIN CAP	2	2	2	2	2	2		2PCS/SET

MXZ-3HA50VF - E3

1-13. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS



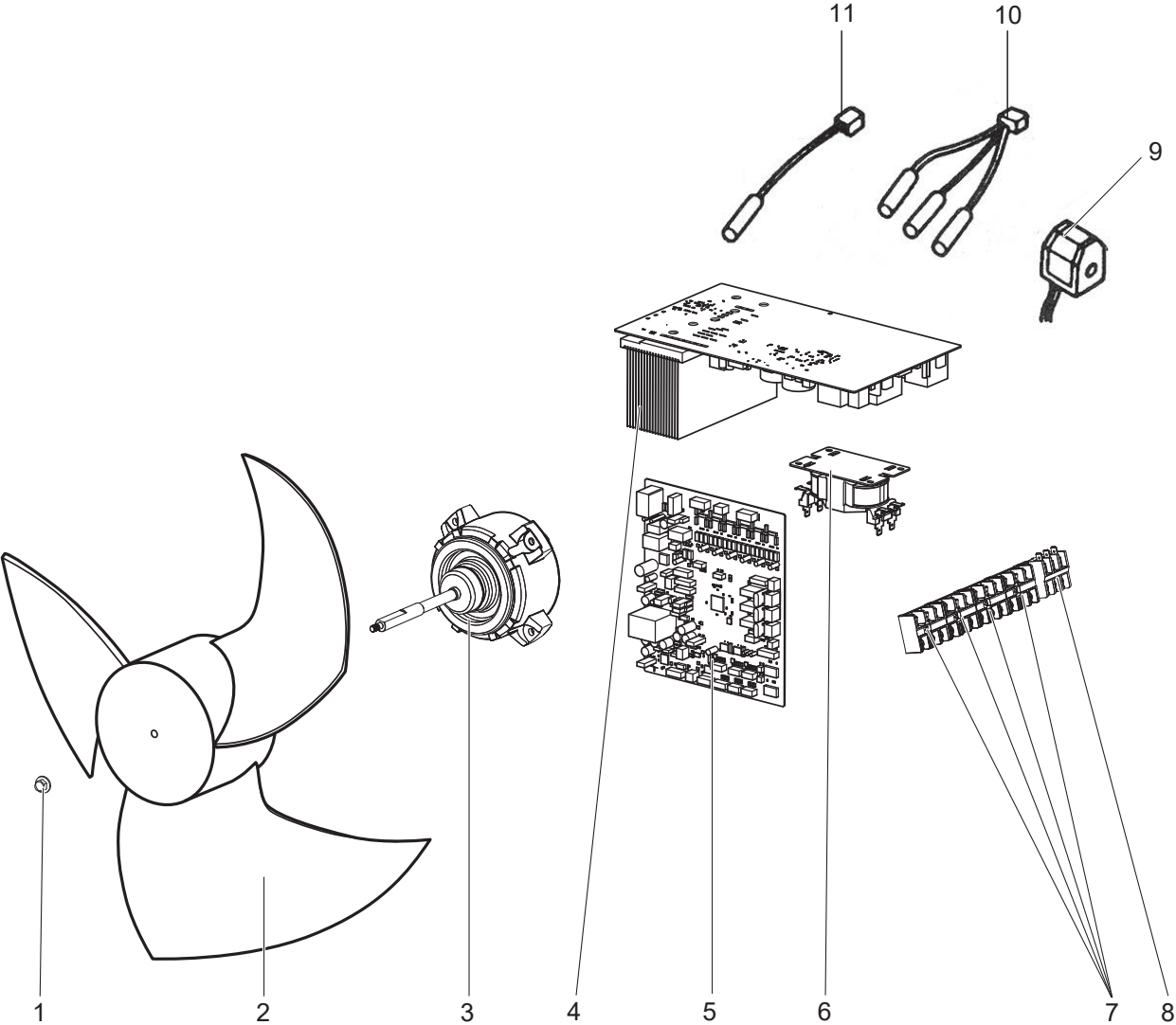
1-13. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

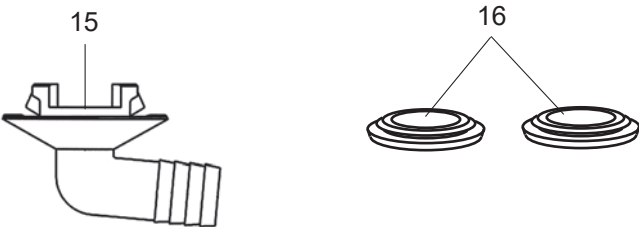
No.	Part No.	Part Name	MXZ-3HA50VF - E3	Symbol In Wiring Diagram	Remarks [Drawing No.]
1	E22 T07 232	CABINET	1		
2	E22 817 009	HANDLE	1		
3	E22 J69 531	ICE GUARD	1		
4	E22 R24 521	GRILLE	1		
5	E22 T07 246	SUB PANEL	1		
6	E22 T07 290	BASE	1		
7	E22 92C 900	COMPRESSOR	1	MC	SVB130FBBM1T
8	E22 C34 506	COMPRESSOR RUBBER SET	3		3 RUBBERS SET
9	E27 F03 640	EXPANSION VALVE	1		C room, LEV C, body Includes DAMPER
9	E22 94C 493	EXPANSION VALVE COIL	1	LEV C	C room, BLUE
10	E27 F03 640	EXPANSION VALVE	1		B room, LEV B, body Includes DAMPER
10	E22 93C 493	EXPANSION VALVE COIL	1	LEV B	B room, RED
11	E27 F03 640	EXPANSION VALVE	1		A room, LEV A, body Includes DAMPER
11	E22 92C 493	EXPANSION VALVE COIL	1	LEV A	A, room, WHITE
12	E22 R51 233	BACK PANEL	1		
13	E22 R51 245	SERVICE PANEL	1		
14	E22 D36 666	UNION (GAS) 3/8	3		Ø9.52
15	E22 D36 667	UNION (LIQUID) 1/4	3		Ø6.35
16	E22 D36 662	STOP VALVE (LIQUID) 3/8	1		Ø9.52
17	E22 D36 661	STOP VALVE (GAS) 5/8	1		Ø15.88
18	E22 06F 640	EXPANSION VALVE	1		LEV R, body
19	E22 T07 493	EXPANSION VALVE COIL	1	LEV R	BLUE
20	E22 C18 961	4-WAY VALVE	1		
21	E27 942 646	HIGH PRESSURE SWITCH	1	HPS	
22	E22 J69 523	REAR GUARD	1		
23	E22 819 297	TOP PANEL	1		Includes PL NOTICE, SERVICE NOTE
24	E22 J69 515	MOTOR SUPPORT	1		
25	E22 96G 293	SEPARATOR	1		
26	E22 T07 630	OUTDOOR HEAT EXCHANGER	1		
27	—	BRAND LABEL	1		[DK79G041H02]
28	E22 939 936	CAPILLARY TUBE	3		Ø4.0 × Ø2.8 × 100, Includes DAMPER
29	E22 96G 959	POWER RECEIVER	1		
30	E27 N04 250	SCREW TS.ST 4 x 10	33		
31	—	COMPRESSOR LEAD ASSEMBLY	1		[BH78T881G07]
32	—	COMPRESSOR FELT (TOP)	1		[RK33J337H03]
33	—	COMPRESSOR FELT (BODY)	1		[RK33J216H02]
34	—	COMPRESSOR FELT (SIDE)	1		[RK33J207H01]
35	—	COMPRESSOR FELT (BACK)	1		[BK33V324H01]
36	E22 96G 963	DISCHARGE PIPE ASSEMBLY	1		Includes HPS, Oil separator, Capillary tube (Ø2.5 × Ø0.6 × 1000)
37	E22 J69 299	OIL SEPARATOR	1		

MXZ-3HA50VF - E3

1-14. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS



1-15. ACCESSORY



1-14. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS

1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

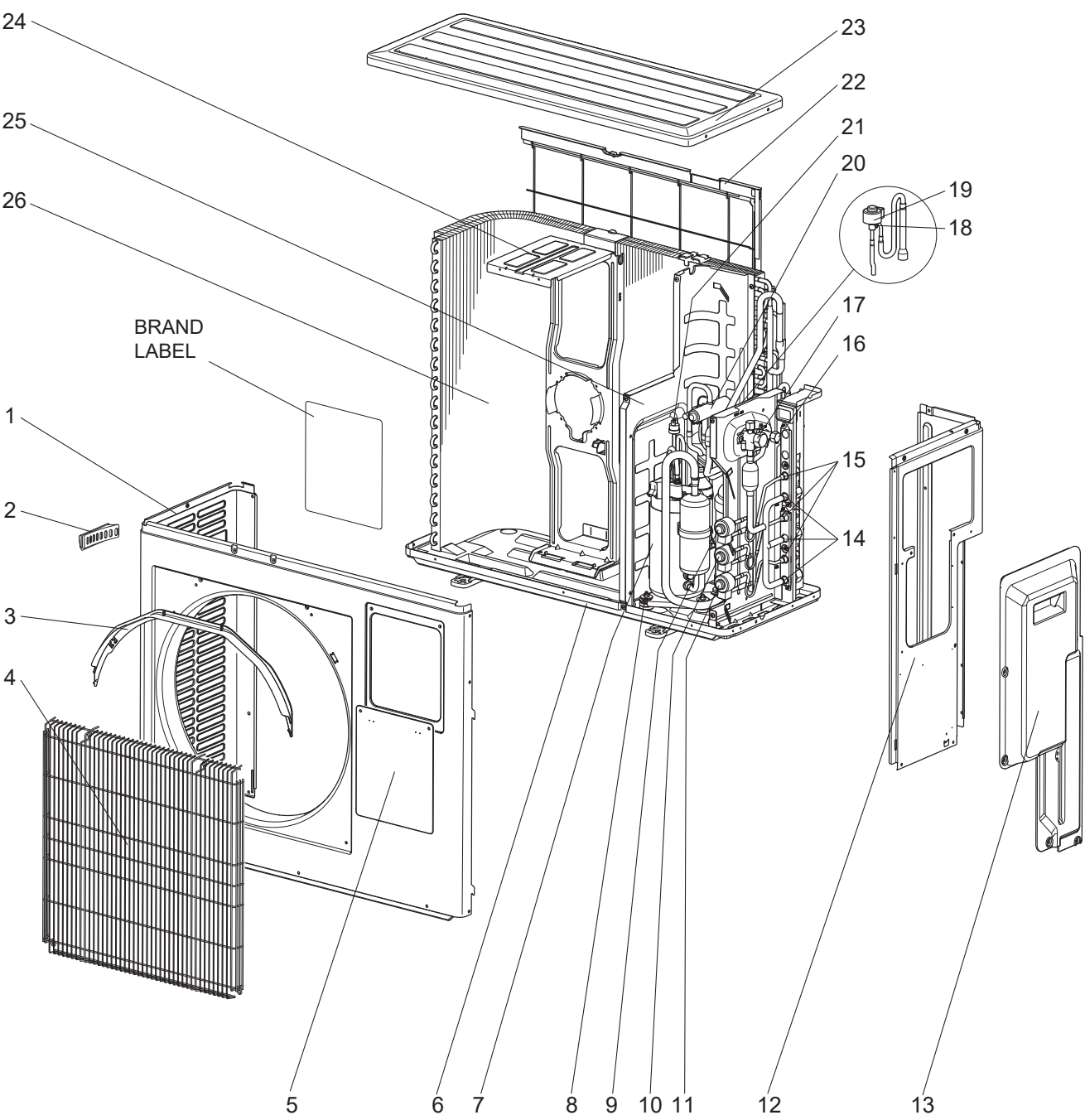
No.	Part No.	Part Name	MXZ-3HA50VF - E3	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E27 A15 508	PROPELLER FAN NUT	1		
2	E22 851 501	PROPELLER FAN	1		
3	E22 99R 301	OUTDOOR FAN MOTOR	1	MF	
4	E22 92C 440	OUTDOOR POWER P.C. BOARD	1		Includes heat sink and RT64
5	E22 99R 450	OUTDOOR CONTROL P.C. BOARD	1		
6	E22 R51 337	REACTOR	1	L	20A 600μH
7	E22 C92 375	TERMINAL BLOCK	3	TB2~4	Indoor unit connecting
8	E22 G07 374	TERMINAL BLOCK	1	TB1	Power supply
9	E22 T07 490	R.V. COIL	1	21S4	Includes screw M5 x 6.5
10	E22 T07 308	THERMISTOR SET	1	RT61, RT62, RT68	DEFROST, DISCHARGE TEMPERATURE, OUTDOOR HEAT EXCHANGER TEMPERATURE
11	E22 96G 309	AMBIENT TEMPERATURE THERMISTOR	1	RT65	
(12)	—	OUTDOOR POWER P.C. BOARD HOLDER	1		[BK00N964G02]
(13)	—	P.C. BOARD COVER	1		[BK00T375G04]
(14)	—	OUTDOOR CONTROL P.C. BOARD HOLDER	1		[BK25Y530G05]

1-15. ACCESSORY

1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part Name	MXZ-3HA50VF - E3	Symbol in Wiring Diagram	Remarks
15	E22 817 704	DRAIN SOCKET	1		
16	E22 444 705	DRAIN CAP	2		2PCS/SET

MXZ-3HA50VF2
1-16. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

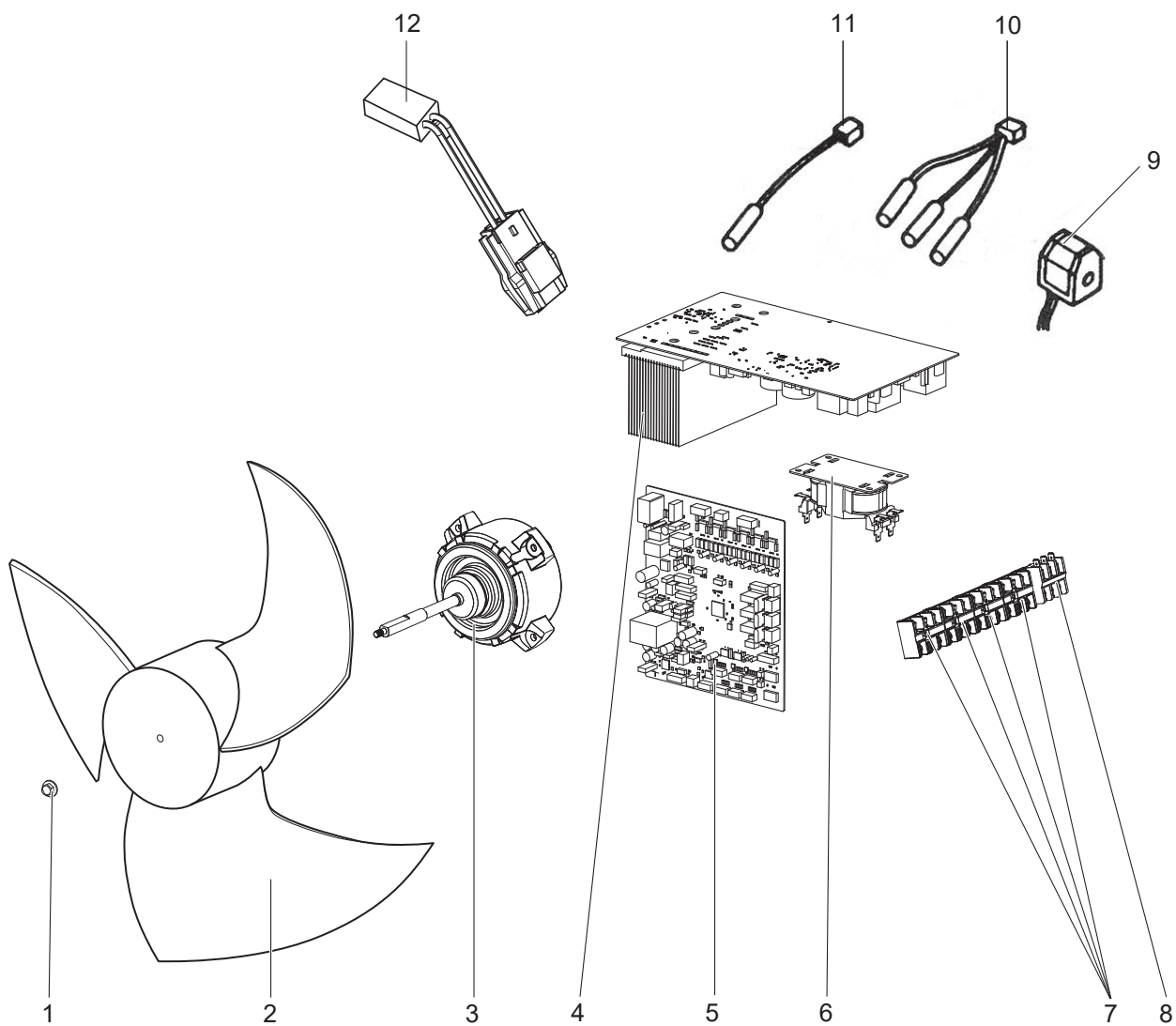


1-16. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

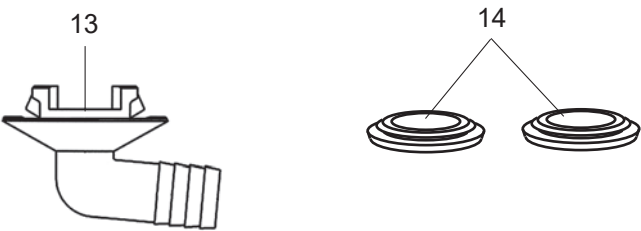
1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

No.	Part No.	Part Name	MXZ-3HA50VF2 - [ET]	MXZ-3HA50VF2 - [ET1]	Symbol In Wiring Diagram	Remarks
1	E22 T06 232	CABINET	1	1		
2	E22 817 009	HANDLE	1	1		
3	E22 J69 531	ICE GUARD	1	1		
4	E22 R24 521	GRILLE	1	1		
5	E22 T07 246	SUB PANEL	1	1		
6	E22 T07 290	BASE	1	1		
7	E22 46W 900	COMPRESSOR	1	1	MC	SVB130FBBM1T
8	E22 C34 506	COMPRESSOR RUBBER SET	3	3		3 RUBBERS SET
9	E27 F03 640	EXPANSION VALVE	1	1		C room, LEV C, body Includes DAMPER
9	E22 94C 493	EXPANSION VALVE COIL	1	1	LEV C	C room, BLUE
10	E27 F03 640	EXPANSION VALVE	1	1		B room, LEV B, body Includes DAMPER
10	E22 93C 493	EXPANSION VALVE COIL	1	1	LEV B	B room, RED
11	E27 F03 640	EXPANSION VALVE	1	1		A room, LEV A, body Includes DAMPER
11	E22 92C 493	EXPANSION VALVE COIL	1	1	LEV A	A, room, WHITE
12	E22 R51 233	BACK PANEL	1	1		
13	E22 R51 245	SERVICE PANEL	1	1		
14	E22 D36 666	UNION (GAS) 3/8	3	3		Ø9.52
15	E22 D36 667	UNION (LIQUID) 1/4	3	3		Ø6.35
16	E22 D36 662	STOP VALVE (LIQUID) 3/8	1	1		Ø9.52
17	E22 D36 661	STOP VALVE (GAS) 5/8	1	1		Ø15.88
18	E22 06F 640	EXPANSION VALVE	1	1		LEV R, body
19	E22 T07 493	EXPANSION VALVE COIL	1	1	LEV R	BLUE
20	E22 C18 961	4-WAY VALVE	1	1		
21	E27 942 646	HIGH PRESSURE SWITCH	1	1	HPS	
22	E22 J69 523	REAR GUARD	1	1		
23	E22 06T 297	TOP PANEL	1	1		Includes PL NOTICE, SERVICE NOTE
24	E22 J69 515	MOTOR SUPPORT	1	1		
25	E22 94W 293	SEPARATOR	1	1		
26	E22 T07 630	OUTDOOR HEAT EXCHANGER	1	1		
27	E22 939 936	CAPILLARY TUBE	3	3		Ø4.0 × Ø2.8 × 100, Close to every Expansion valve
28	E22 96G 959	POWER RECEIVER	1	1		
29	E22 96G 963	DISCHARGE PIPE ASSEMBLY	1	1		Includes HPS, Oil separator, Capillary tube (Ø2.5 × Ø0.6 × 1000)

MXZ-3HA50VF2
1-17. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS



1-18. ACCESSORY



1-17. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS

1. The part quantity below indicates the required number of pieces per unit.

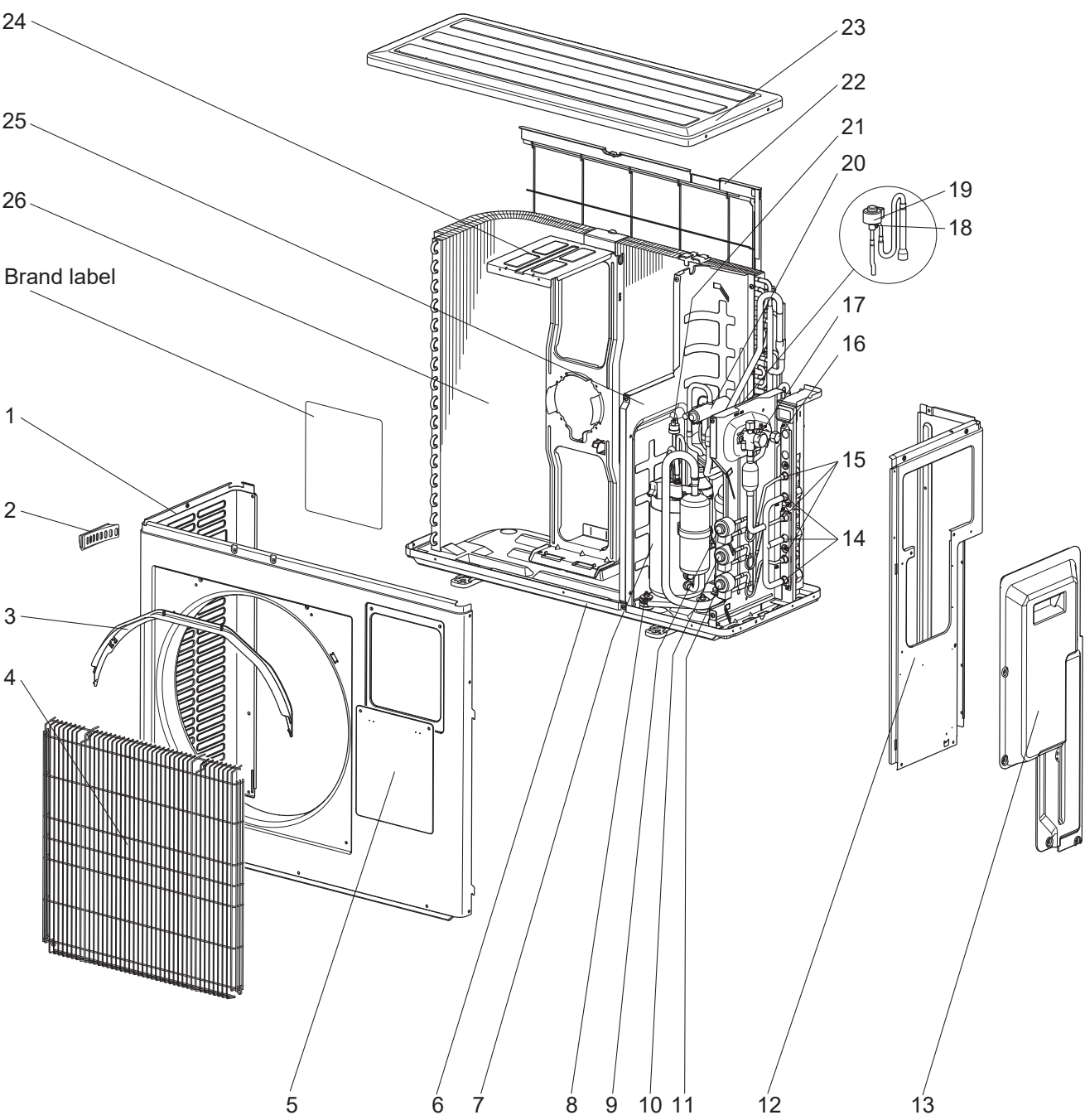
No.	Part No.	Part Name	MXZ-3HA50VF2 - E1	MXZ-3HA50VF2 - ET1	Symbol in Wiring Diagram	Remarks
1	E27 A15 508	PROPELLER FAN NUT	1	1		
2	E22 851 501	PROPELLER FAN	1	1		
3	E22 16B 301	OUTDOOR FAN MOTOR	1	1	MF	
4	E22 1L6 440	OUTDOOR POWER P.C. BOARD	1	1		Includes heat sink and RT64
5	E22 9L1 450	OUTDOOR CONTROL P.C. BOARD	1	1		
6	E22 4L0 337	REACTOR	1	1	L	
7	E22 C92 375	TERMINAL BLOCK	3	3	TB2~4	Indoor unit connecting
8	E22 G07 374	TERMINAL BLOCK	1	1	TB1	Power supply
9	E22 T07 490	R.V. COIL	1	1	21S4	Includes screw M5 x 6.5
10	E22 01L 308	THERMISTOR SET	1	1	RT61, RT62, RT68	DEFROST, DISCHARGE TEMPERATURE, OUTDOOR HEAT EXCHANGER TEMPERATURE
11	E22 96G 309	AMBIENT TEMPERATURE THERMISTOR	1	1	RT65	
12	E22 94W 381	THERMAL PROTECTOR	1	1	TRS	

1-18. ACCESSORY

1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part Name	MXZ-3HA50VF2 - E1	MXZ-3HA50VF2 - ET1	Symbol in Wiring Diagram	Remarks
13	E22 817 704	DRAIN SOCKET	1	1		
14	E22 444 705	DRAIN CAP	2	2		2PCS/SET

MXZ-3HA50VF3
1-19. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

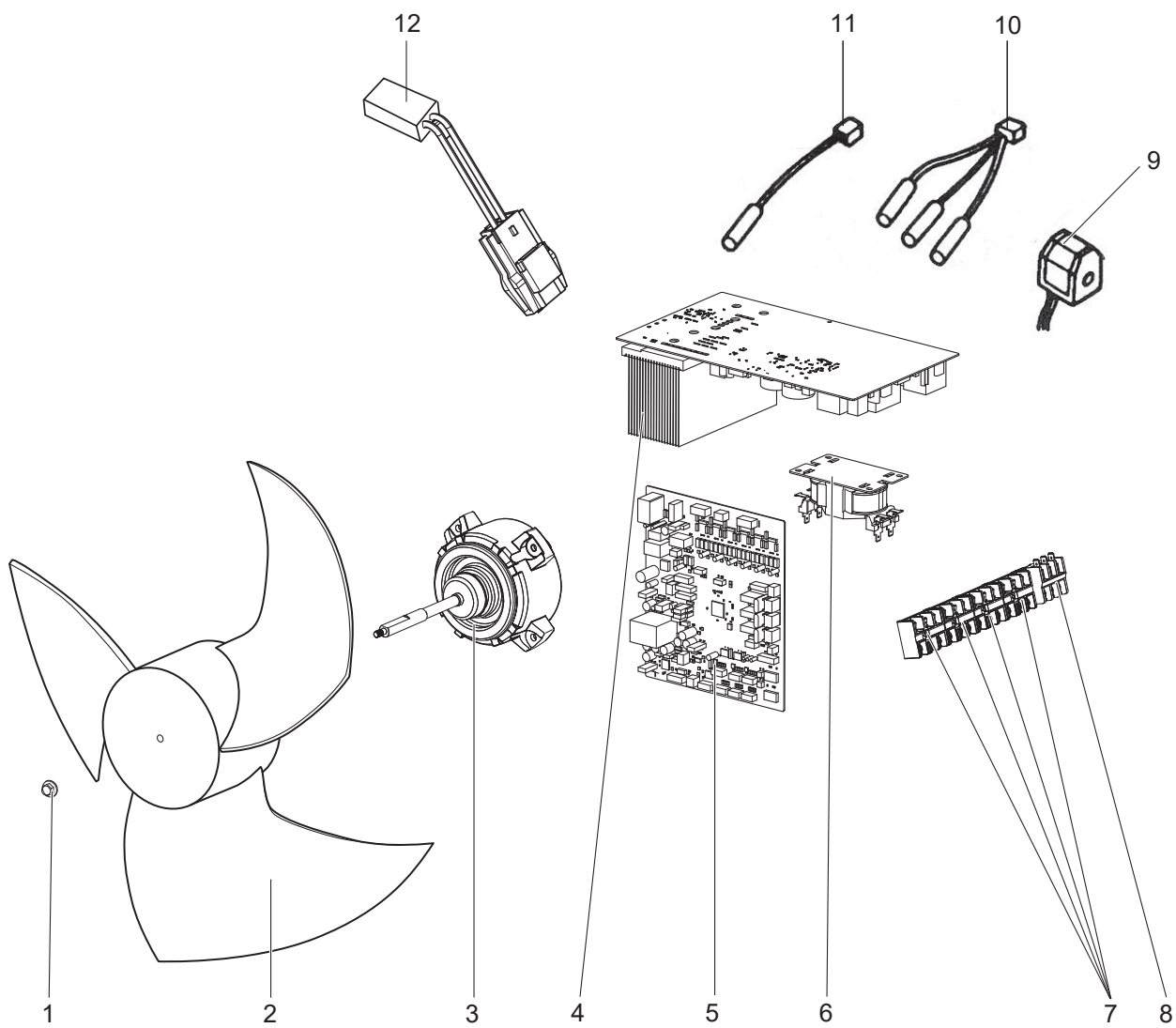


1-19. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

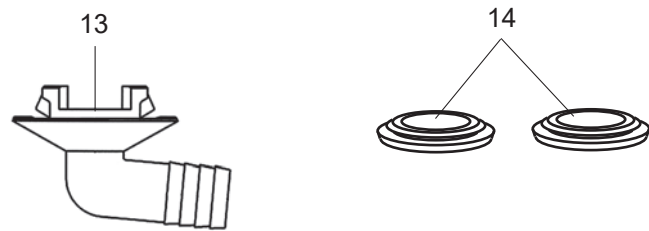
1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

No.	Part No.	Part Name	MXZ-3HA50VF3 - E1	MXZ-3HA50VF3 - ET1	Symbol In Wiring Diagram	Remarks
1	E27 0P3 232	CABINET	1	1		
2	E22 817 009	HANDLE	1	1		
3	E22 J69 531	ICE GUARD	1	1		
4	E22 R24 521	GRILLE	1	1		
5	E27 1E9 246	SUB PANEL	1	1		
6	E22 T07 290	BASE	1	1		
7	E22 49W 900	COMPRESSOR	1	1	MC	SVB130FBBM1T
8	E22 C34 506	COMPRESSOR RUBBER SET	3	3		3 RUBBERS SET
9	E27 F03 640	EXPANSION VALVE	1	1		C room, LEV C, body Includes DAMPER
9	E22 94C 493	EXPANSION VALVE COIL	1	1	LEV C	C room, BLUE
10	E27 F03 640	EXPANSION VALVE	1	1		B room, LEV B, body Includes DAMPER
10	E22 93C 493	EXPANSION VALVE COIL	1	1	LEV B	B room, RED
11	E27 F03 640	EXPANSION VALVE	1	1		A room, LEV A, body Includes DAMPER
11	E22 92C 493	EXPANSION VALVE COIL	1	1	LEV A	A, room, WHITE
12	E22 R51 233	BACK PANEL	1	1		
13	E22 R51 245	SERVICE PANEL	1	1		
14	E22 D36 666	UNION (GAS) 3/8	3	3		Ø9.52
15	E22 D36 667	UNION (LIQUID) 1/4	3	3		Ø6.35
16	E22 D36 662	STOP VALVE (LIQUID) 3/8	1	1		Ø9.52
17	E22 D36 661	STOP VALVE (GAS) 5/8	1	1		Ø15.88
18	E22 06F 640	EXPANSION VALVE	1	1		LEV R, body
19	E22 T07 493	EXPANSION VALVE COIL	1	1	LEV R	BLUE
20	E22 C18 961	4-WAY VALVE	1	1		
21	E27 0P3 646	HIGH PRESSURE SWITCH	1	1	HPS	
22	E22 J69 523	REAR GUARD	1	1		
23	E22 06T 297	TOP PANEL	1	1		Includes PL NOTICE, SERVICE NOTE
24	E22 J69 515	MOTOR SUPPORT	1	1		
25	E22 94W 293	SEPARATOR	1	1		
26	E22 T07 630	OUTDOOR HEAT EXCHANGER	1	1		
27	E22 71W 936	CAPILLARY TUBE	3	3		Ø4.0 × Ø2.8 × 100, Close to every Expansion valve
28	E22 96G 959	POWER RECEIVER	1	1		
29	E27 0P4 963	DISCHARGE PIPE ASSEMBLY	1	1		Includes HPS, Oil separator, Capillary tube (Ø2.5 × Ø0.6 × 1000)

MXZ-3HA50VF3
1-20. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS



1-21. ACCESSORY



1-20. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS

1. The part quantity below indicates the required number of pieces per unit.

No.	Part No.	Part Name	MXZ-3HA50VF3 - E1	MXZ-3HA50VF3 - ET1	Symbol in Wiring Diagram	Remarks
1	E27 A15 508	PROPELLER FAN NUT	1	1		
2	E22 851 501	PROPELLER FAN	1	1		
3	E22 16B 301	OUTDOOR FAN MOTOR	1	1	MF	SIC-82FX-F764-1
4	E27 0P3 440	OUTDOOR POWER P.C. BOARD	1	1		Includes heat sink and RT64
5	E27 0P4 450	OUTDOOR CONTROL P.C. BOARD	1	1		
6	E22 4L0 337	REACTOR	1	1	L	
7	E22 C92 375	TERMINAL BLOCK	3	3	TB2~4	Indoor unit connecting
8	E22 G07 374	TERMINAL BLOCK	1	1	TB1	Power supply
9	E22 6P9 490	R.V. COIL	1	1	21S4	Includes screw M5 x 6.5
10	E22 01L 308	THERMISTOR SET	1	1	RT61, RT62, RT68	DEFROST, DISCHARGE TEMPERATURE, OUTDOOR HEAT EXCHANGER TEMPERATURE
11	E27 1E9 309	AMBIENT TEMPERATURE THERMISTOR	1	1	RT65	
12	E22 94W 381	THERMAL PROTECTOR	1	1	TRS	

1-21. ACCESSORY

1. The part quantity below indicates the required number of pieces per unit.

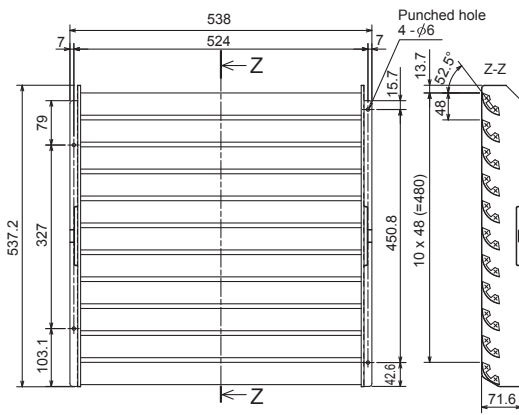
No.	Part No.	Part Name	MXZ-3HA50VF3 - E1	MXZ-3HA50VF3 - ET1	Symbol in Wiring Diagram	Remarks
13	E22 817 704	DRAIN SOCKET	1	1		
14	E22 444 705	DRAIN CAP	2	2		2PCS/SET

2-1. OUTLET GUIDE

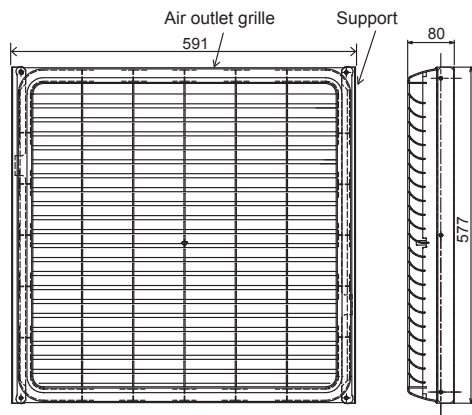
Unit: mm

Changes air discharge direction.

Applied unit	Model name
MXZ-2HA40VF MXZ-2HA50VF MXZ-2HA40VF2 MXZ-2HA50VF2 MXZ-2HA40VF3 MXZ-2HA50VF3	MAC-889SG
MXZ-3HA50VF MXZ-3HA50VF2 MXZ-3HA50VF3	MAC-856SG



MAC-889SG



MAC-856SG

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Made in Japan

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