

**Revision B:**

• MUZ-EF25/35/42/50VG - **E2**, **ER2**, **ET2** and  
MUZ-EF25/35VGH - **E2** have been added.

OBB832 REVISED EDITION-A is void.

## OUTDOOR UNIT

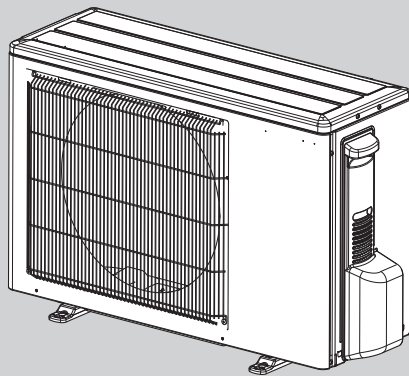
# PARTS CATALOG



**No. OBB832  
REVISED EDITION-B**

### Models

**MUZ-EF25VG** - **E1**, **ER1**, **ET1**, **E2**, **ER2**, **ET2**    **MUZ-EF25VGH** - **E1**, **E2**  
**MUZ-EF35VG** - **E1**, **ER1**, **ET1**, **E2**, **ER2**, **ET2**    **MUZ-EF35VGH** - **E1**, **E2**  
**MUZ-EF42VG** - **E1**, **ER1**, **ET1**, **E2**, **ER2**, **ET2**  
**MUZ-EF50VG** - **E1**, **ER1**, **ET1**, **E2**, **ER2**, **ET2**



**MUZ-EF25VG  
MUZ-EF35VG  
MUZ-EF42VG**

### CONTENTS

1. SERVICE PARTS LIST..... 2
2. OPTIONAL PARTS..... 30

**SERVICE MANUAL (OBH832)**

### Revision A:

- MUZ-EF25/35/42/50VG - [ER1] have been added.
- Part numbers of the inverter P.C. board assembly for MUZ-EF25/35/42/50VG - [ET1] have been changed.

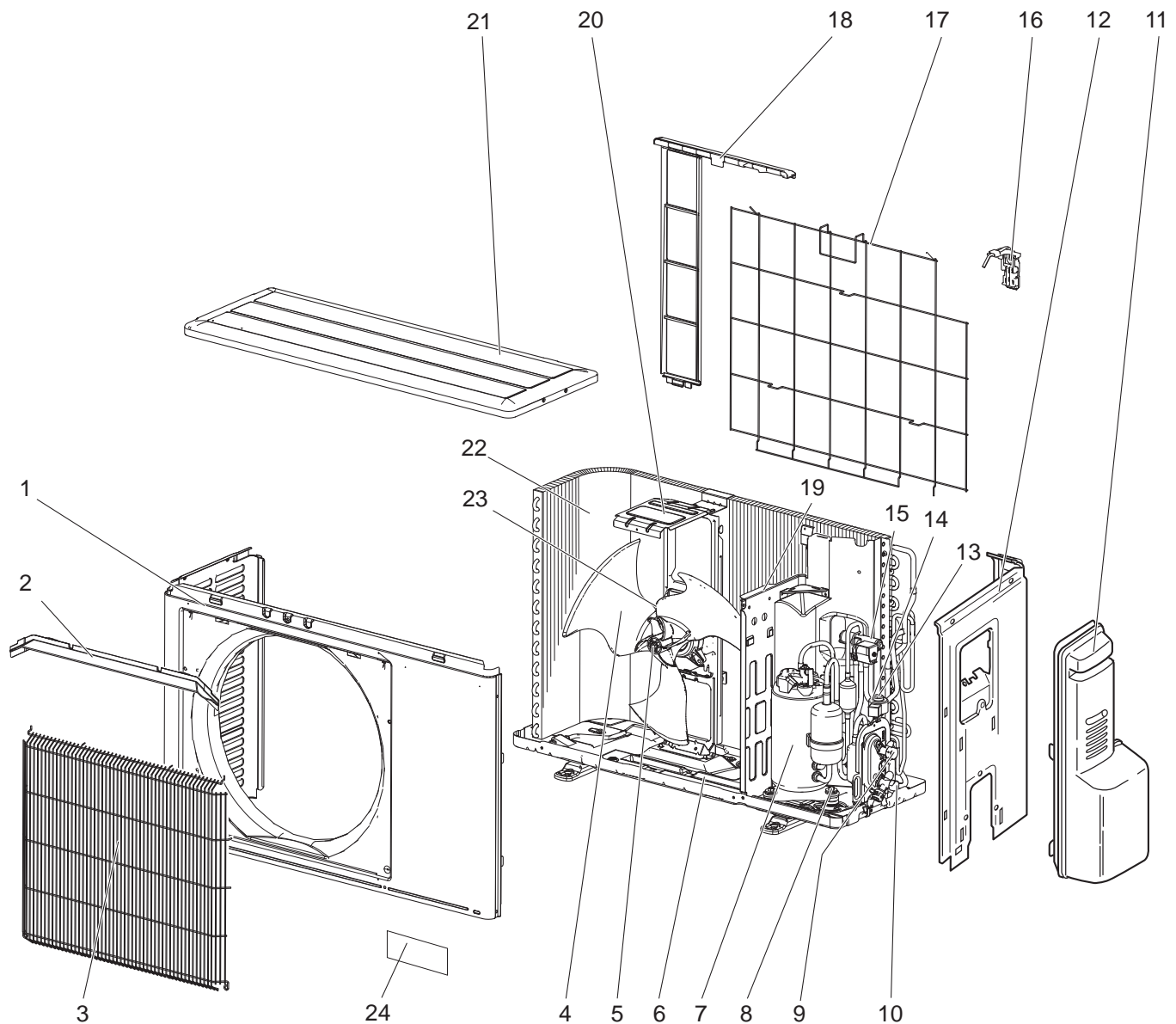
### Revision B:

- MUZ-EF25/35/42/50VG - [E2], [ER2], [ET2] and MUZ-EF25/35VGH - [E2] have been added.

## 1 SERVICE PARTS LIST

MUZ-EF25VG- [E1], [ER1], [ET1] MUZ-EF35VG- [E1], [ER1], [ET1]

### 1-1. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

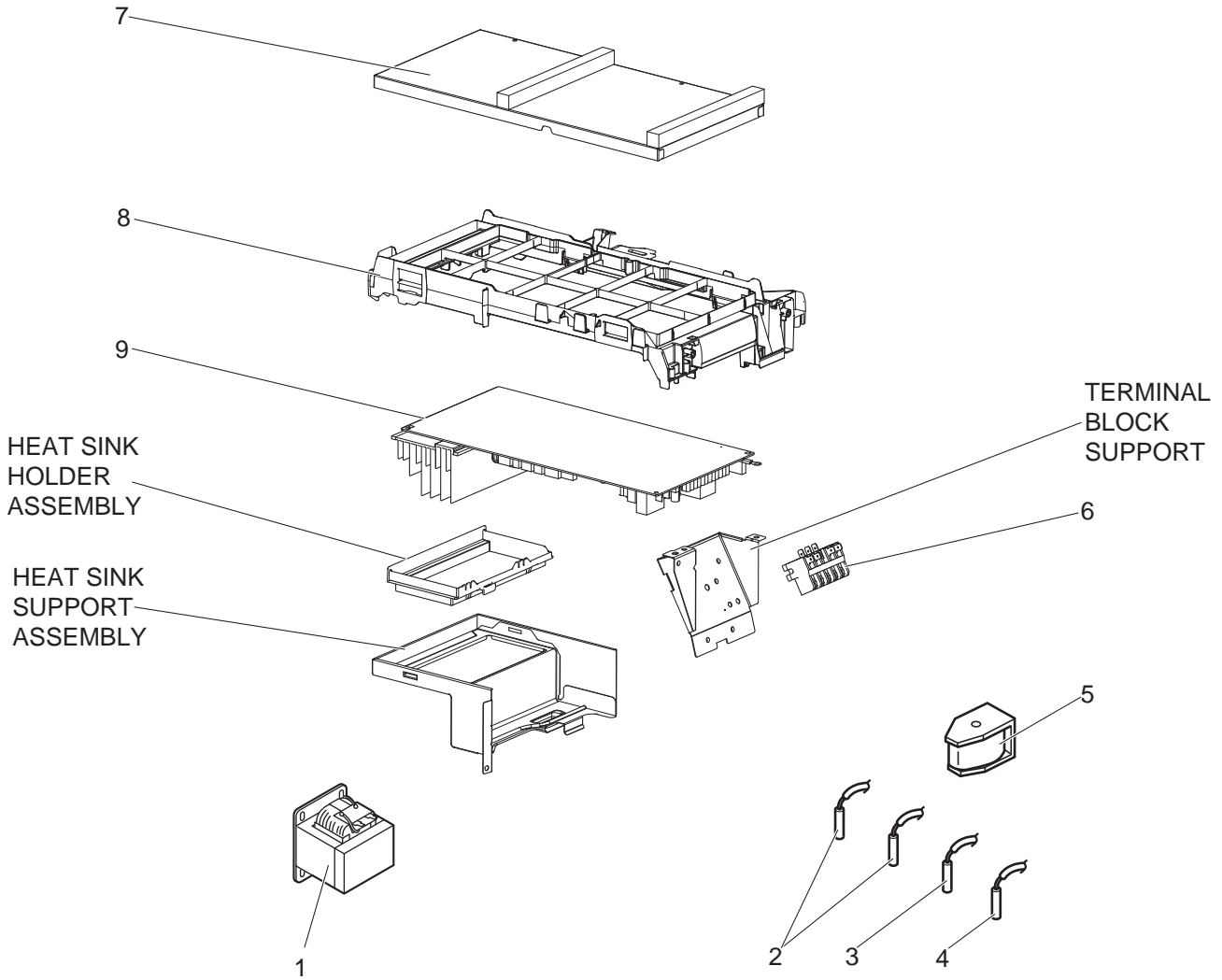


## 1-1. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

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							Symbol in Wiring Diagram	Remarks [Drawing No.]
			MUZ-EF25VG-ET	MUZ-EF25VG-ERT	MUZ-EF25VG-ET1	MUZ-EF35VG-ET	MUZ-EF35VG-ERT	MUZ-EF35VG-ET1		
1	E22 J63 232	CABINET	1	1	1	1	1	1		
2	E22 J63 531	ICE GUARD	1	1	1	1	1	1		
3	E22 Y84 521	WIRE GRILLE	1	1	1	1	1	1		
4	E22 95B 501	PROPELLER FAN	1	1	1	1	1	1		
5	————	PROPELLER FAN NUT	1	1	1	1	1	1		[ SG12D375H03 ]
6	E22 Y84 290	BASE ASSEMBLY	1	1	1	1	1	1		
7	E22 R81 900	COMPRESSOR	1	1	1	1	1	1	MC	KVB073FYXMC
8	E22 065 506	COMPRESSOR RUBBER SET	3	3	3	3	3	3		3 RUBBERS/SET
9	E22 T66 662	STOP VALVE (LIQUID)	1	1	1	1	1	1		ø6.35
10	E22 T66 661	STOP VALVE (GAS)	1	1	1	1	1	1		ø9.52
11	E22 L59 245	SERVICE PANEL ASSEMBLY	1	1	1	1	1	1		
12	E22 G11 233	BACK PANEL ASSEMBLY	1	1	1	1	1	1		
13	E22 47H 645	EXPANSION VALVE ASSEMBLY	1	1	1					Includes LEV body, capillary tube ø4.0xø2.4x240, ø3.0xø2.0x100
13	E22 21G 645	EXPANSION VALVE ASSEMBLY				1	1	1		Includes LEV body, capillary tube ø4.0xø2.4x240
14	E22 Y84 493	EXPANSION VALVE COIL	1	1	1	1	1	1	LEV	
15	E22 R81 961	4-WAY VALVE	1	1	1	1	1	1		
16	E22 928 079	THERMO HOLDER (AMBIENT)	1	1	1					
16	E22 930 079	THERMO HOLDER (AMBIENT)				1	1	1		
17	E22 47H 525	CONDENSER WIRE NET ASSEMBLY	1	1	1					
17	E22 930 525	CONDENSER WIRE NET ASSEMBLY				1	1	1		
18	E22 928 523	CONDENSER NET	1	1	1					
18	E22 930 523	CONDENSER NET				1	1	1		
19	E22 G10 293	SEPARATOR	1	1	1					
19	E22 G11 293	SEPARATOR				1	1	1		
20	E22 97B 515	MOTOR SUPPORT	1	1	1					
20	E22 47H 515	MOTOR SUPPORT				1	1	1		
21	E22 L85 297	TOP PANEL ASSEMBLY	1	1	1	1	1	1		
22	E27 M71 630	OUTDOOR HEAT EXCHANGER	1	1	1					
22	E22 Y84 630	OUTDOOR HEAT EXCHANGER				1	1	1		
23	E22 97B 301	OUTDOOR FAN MOTOR	1	1	1	1	1	1	MF	RC0J50-□□
24	————	TRADE MARK	1	1	1	1	1	1		[ DK79G041H02 ]
25	E22 Y84 640	EXPANSION VALVE ASSEMBLY	1	1	1	1	1	1		
26	————	COMPRESSOR LEAD WIRE ASSEMBLY	1	1	1					[ DM78R027G06 ]
26	————	COMPRESSOR LEAD WIRE ASSEMBLY				1	1	1		[ DM78R027G15 ]
27	E22 838 704	DRAIN SOCKET	1	1	1	1	1	1		
28	————	THERMO HOLDER COVER	1	1	1	1	1	1		[ SG25J917G05 ]
29	————	COMPRESSOR FELT (TOP)	1	1	1	1	1	1		[ SQ33J347H01 ]
30	————	COMPRESSOR FELT (BODY)	1	1	1	1	1	1		[ JU33Y270H15 ]
31	————	COMPRESSOR FELT (OUTER)	1	1	1	1	1	1		[ SG33V226H04 ]

**MUZ-EF25VG- [E1, ER1, ET1] MUZ-EF35VG- [E1, ER1, ET1]**  
**1-2. OUTDOOR UNIT ELECTRICAL PARTS**



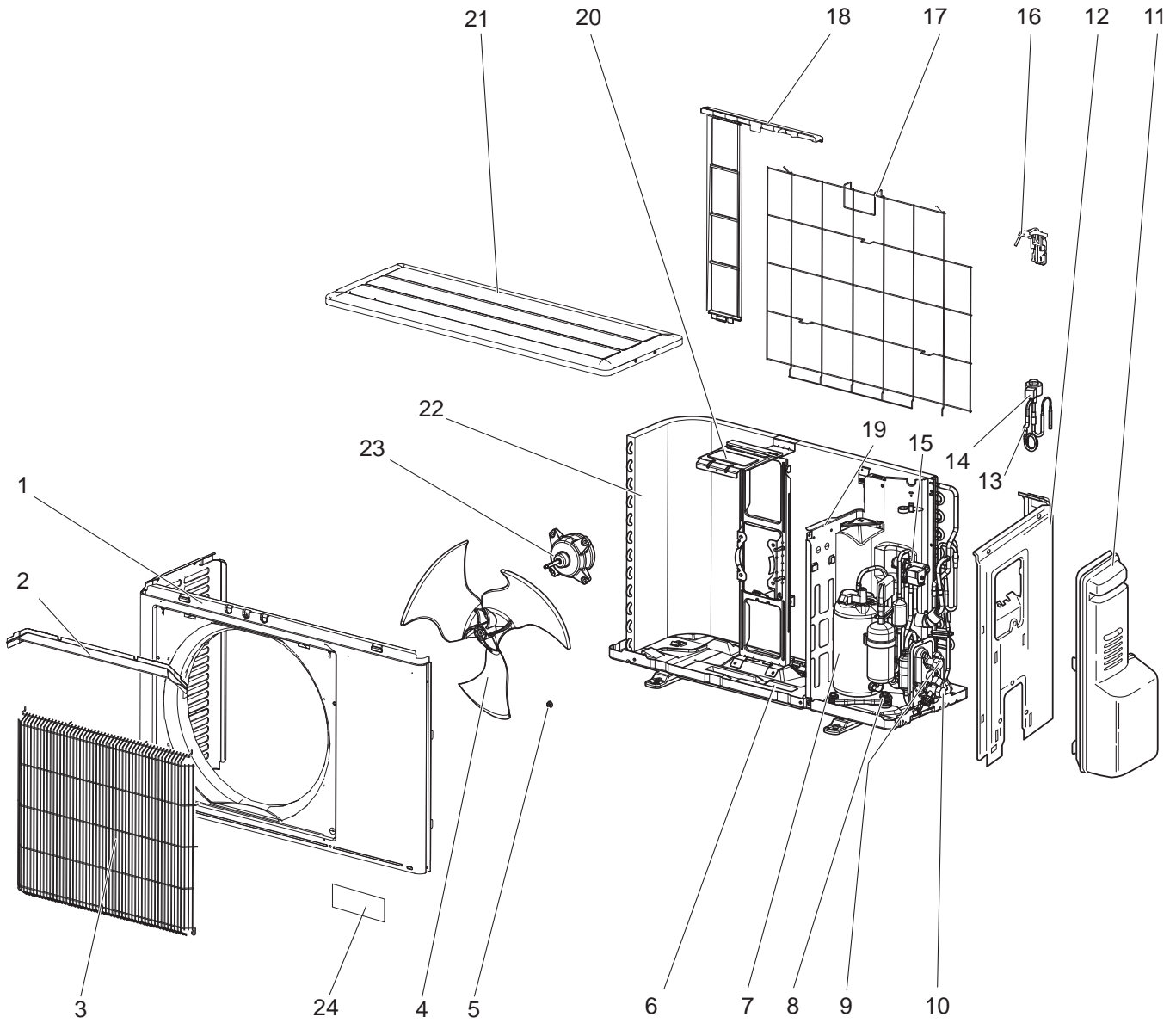
## 1-2. OUTDOOR UNIT ELECTRICAL PARTS

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

No.	Part No.	Part Name	MUZ-EF25VG-[ET]	MUZ-EF25VG-[ERT]	MUZ-EF25VG-[ET1]	MUZ-EF35VG-[ET]	MUZ-EF35VG-[ERT]	MUZ-EF35VG-[ET1]	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 11C 337	REACTOR	1	1	1				L61	
1	E22 G11 337	REACTOR				1	1	1	L61	
2	E22 C34 306	THERMISTOR SET	1	1	1				RT61, RT62	DEFROST, DISCHARGE
2	E22 R81 306	THERMISTOR SET				1	1	1	RT61, RT62	DEFROST, DISCHARGE
3	E22 927 308	AMBIENT TEMPERATURE THERMISTOR	1	1	1	1	1	1	RT65	
4	E22 88F 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1	1	1				RT68	
4	E22 P72 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR				1	1	1	RT68	
5	E22 J47 490	R.V. COIL ASSEMBLY	1	1	1				21S4	
5	E22 R81 490	R.V. COIL ASSEMBLY				1	1	1	21S4	
6	E22 T95 374	TERMINAL BLOCK	1	1	1	1	1	1	TB1	5P (S1, S2, S3, L, N)
7	_____	P.C. BOARD COVER	1	1	1	1	1	1		[ DY02B444G02 ], [ DU33N535H56 ], [ DU33N535HA7 ], [ DM33T569H01 ] (4 PCS)
8	_____	P.C. BOARD SUPPORT	1	1	1	1	1	1		[ RK00A867G01 ]
9	E22 47H 451	INVERTER P.C. BOARD ASSEMBLY	1	1	1					Includes heat sink and RT64
9	E22 48H 451	INVERTER P.C. BOARD ASSEMBLY				1	1	1		Includes heat sink and RT64

MUZ-EF25VG- [E2], [ER2], [ET2] MUZ-EF35VG- [E2], [ER2], [ET2]

1-3. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

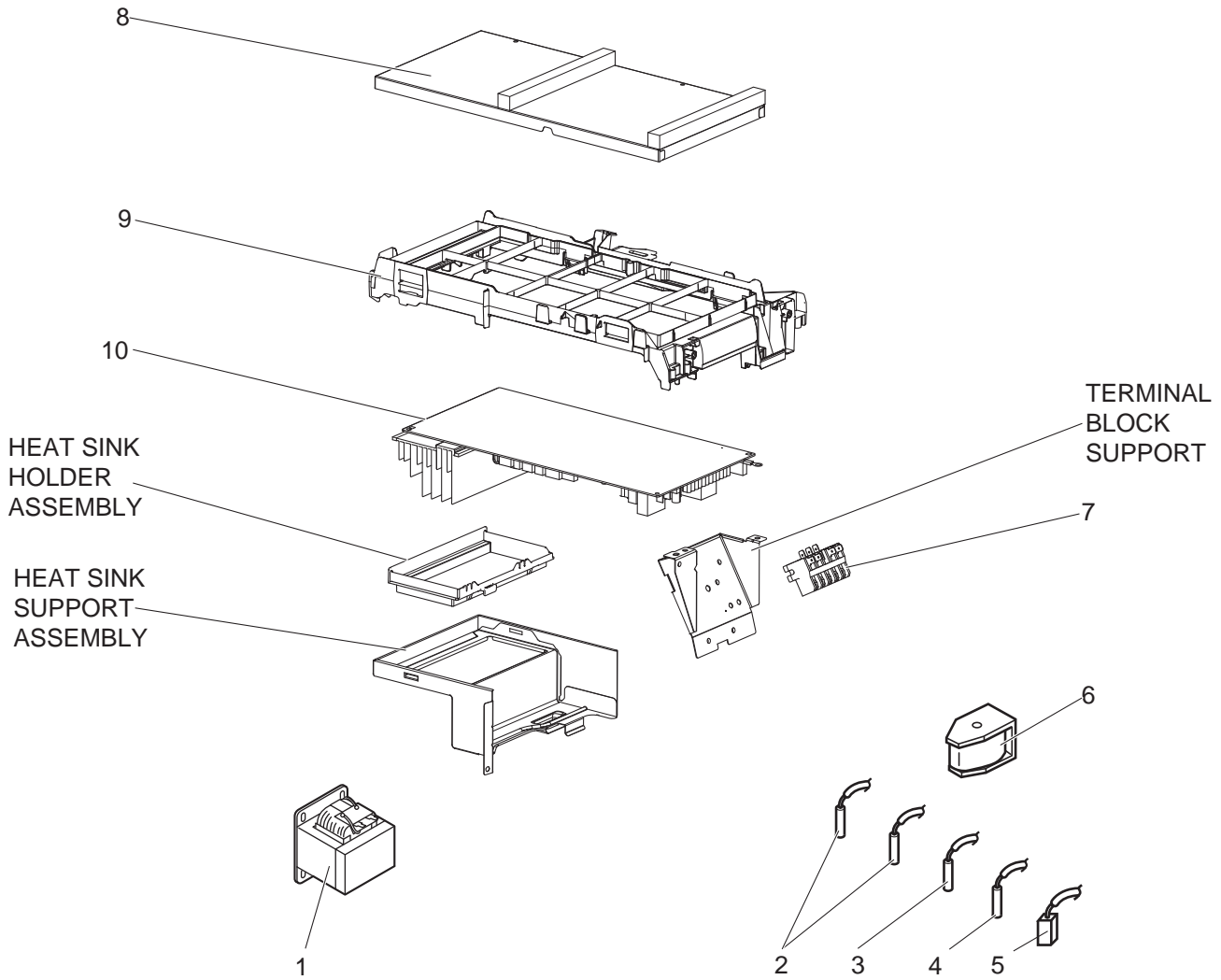


### 1-3. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

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							Symbol in Wiring Diagram	Remarks [Drawing No.]
			MUZ-EF25VG-E2	MUZ-EF25VG-ER2	MUZ-EF25VG-ET2	MUZ-EF35VG-E2	MUZ-EF35VG-ER2	MUZ-EF35VG-ET2		
1	E22 J63 232	CABINET	1	1	1	1	1	1		
2	E22 J63 531	ICE GUARD	1	1	1	1	1	1		
3	E22 Y84 521	WIRE GRILLE	1	1	1	1	1	1		
4	E22 95B 501	PROPELLER FAN	1	1	1	1	1	1		
5	E27 L05 508	PROPELLER FAN NUT	1	1	1	1	1	1		[ SG12D375H03 ]
6	E22 44P 290	BASE ASSEMBLY	1	1	1	1	1	1		
7	E22 R81 900	COMPRESSOR	1	1	1	1	1	1	MC	KVB073FYXMC
8	E22 065 506	COMPRESSOR RUBBER SET	3	3	3	3	3	3		3 RUBBERS/SET
9	E22 T66 662	STOP VALVE (LIQUID)	1	1	1	1	1	1		ø6.35
10	E22 T66 661	STOP VALVE (GAS)	1	1	1	1	1	1		ø9.52
11	E22 M09 245	SERVICE PANEL ASSEMBLY	1	1	1	1	1	1		
12	E22 G11 233	BACK PANEL ASSEMBLY	1	1	1	1	1	1		
13	E22 47H 645	EXPANSION VALVE ASSEMBLY	1	1	1					Includes LEV body, capillary tube ø4.0xø2.4x240, ø3.0xø2.0x100
13	E22 21G 645	EXPANSION VALVE ASSEMBLY				1	1	1		Includes LEV body, capillary tube ø4.0xø2.4x240
14	E22 Y84 493	EXPANSION VALVE COIL	1	1	1	1	1	1	LEV	
15	E22 R81 961	4-WAY VALVE	1	1	1	1	1	1		
16	E22 928 079	THERMO HOLDER (AMBIENT)	1	1	1					
16	E22 930 079	THERMO HOLDER (AMBIENT)				1	1	1		
17	E27 M71 525	CONDENSER WIRE NET ASSEMBLY	1		1					
17	E22 930 525	CONDENSER WIRE NET ASSEMBLY				1		1		
18	E22 928 523	CONDENSER NET	1	1	1					
18	E22 930 523	CONDENSER NET				1	1	1		
19	E22 G10 293	SEPARATOR	1	1	1					
19	E22 G11 293	SEPARATOR				1	1	1		
20	E22 97B 515	MOTOR SUPPORT	1	1	1					
20	E22 14F 515	MOTOR SUPPORT				1	1	1		
21	E22 L85 297	TOP PANEL ASSEMBLY	1	1	1	1	1	1		
22	E27 M71 630	OUTDOOR HEAT EXCHANGER	1	1	1					
22	E22 Y84 630	OUTDOOR HEAT EXCHANGER				1	1	1		
23	E22 97B 301	OUTDOOR FAN MOTOR	1	1	1	1	1	1	MF	RC0J50-□□
24	————	TRADE MARK	1	1	1	1	1	1		[ DK79G041H02 ]
25	E22 Y84 640	EXPANSION VALVE	1	1	1	1	1	1		
26	————	COMPRESSOR LEAD WIRE ASSEMBLY	1	1	1	1	1	1		[ DM78R027G27 ]
27	E22 838 704	DRAIN SOCKET	1	1	1	1	1	1		
28	E27 M71 078	THERMO HOLDER COVER	1	1	1	1	1	1		[ SG25J917G05 ]
29	————	COMPRESSOR FELT (TOP)	1	1	1	1	1	1		[ SQ33J347H08 ]
30	————	COMPRESSOR FELT (BODY)	1	1	1	1	1	1		[ JU33Y893H02 ]
31	————	COMPRESSOR FELT (OUTER)	1	1	1	1	1	1		[ SG33V226H04 ]
32	E22 P72 936	CAPILLARY TUBE	1	1	1	1	1	1		ø4.0 x ø2.4 x 240

**MUZ-EF25VG- [E2], [ER2], [ET2] MUZ-EF35VG- [E2], [ER2], [ET2]**  
**1-4. OUTDOOR UNIT ELECTRICAL PARTS**





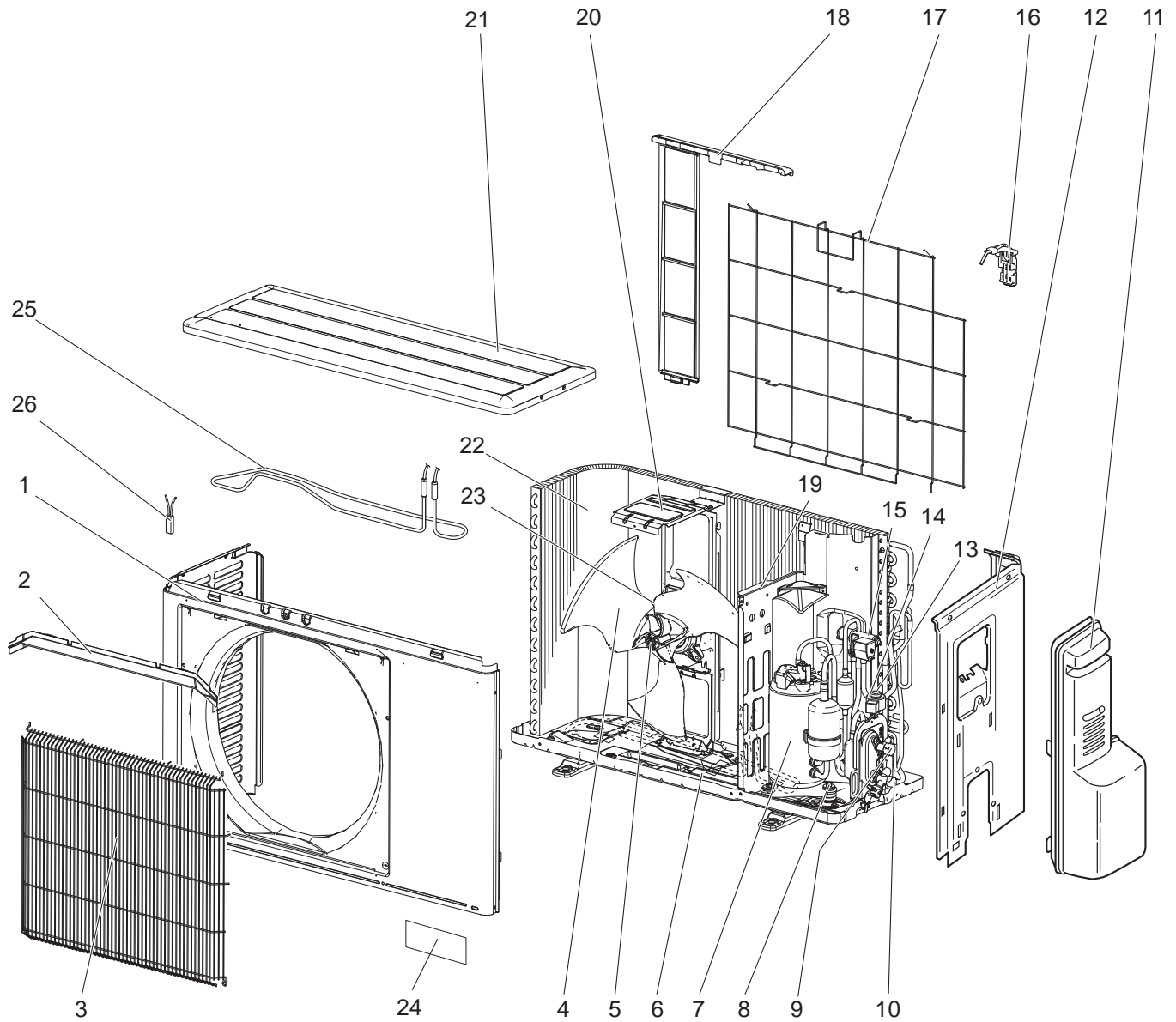
## 1-4. OUTDOOR UNIT ELECTRICAL PARTS

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

No.	Part No.	Part Name	MUZ-EF25VG-E2	MUZ-EF25VG-ER2	MUZ-EF25VG-ET2	MUZ-EF35VG-E2	MUZ-EF35VG-ER2	MUZ-EF35VG-ET2	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 26N 337	REACTOR	1	1	1				L61	
1	E22 20A 337	REACTOR				1	1	1	L61	
2	E22 C34 306	THERMISTOR SET	1	1	1				RT61, RT62	DEFROST, DISCHARGE
2	E22 R81 306	THERMISTOR SET				1	1	1	RT61, RT62	DEFROST, DISCHARGE
3	E22 927 308	AMBIENT TEMPERATURE THERMISTOR	1	1	1	1	1	1	RT65	
4	E22 88F 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1	1	1				RT68	
4	E22 P72 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR				1	1	1	RT68	
5	E22 41X 381	COMPRESSOR PROTECTOR	1	1	1	1	1	1	26C	
6	E22 J47 490	R.V. COIL ASSEMBLY	1	1	1				21S4	
6	E22 R81 490	R.V. COIL ASSEMBLY				1	1	1	21S4	
7	E22 10L 374	TERMINAL BLOCK	1	1	1	1	1	1	TB1	5P (S1, S2, S3, L, N)
8	————	P.C. BOARD COVER	1	1	1	1	1	1		[ DY02B444G02 ], [ DU33N535H56 ], [ DU33N535HA7 ], [ DM33T569H01 ] (4 PCS)
9	————	P.C. BOARD SUPPORT	1	1	1	1	1	1		[ RK00A867G01 ]
10	E22 63X 451	INVERTER P.C. BOARD ASSEMBLY	1	1	1					Includes heat sink and RT64
10	E22 64X 451	INVERTER P.C. BOARD ASSEMBLY				1	1	1		Includes heat sink and RT64

MUZ-EF25VGH- E1 MUZ-EF35VGH- E1

1-5. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

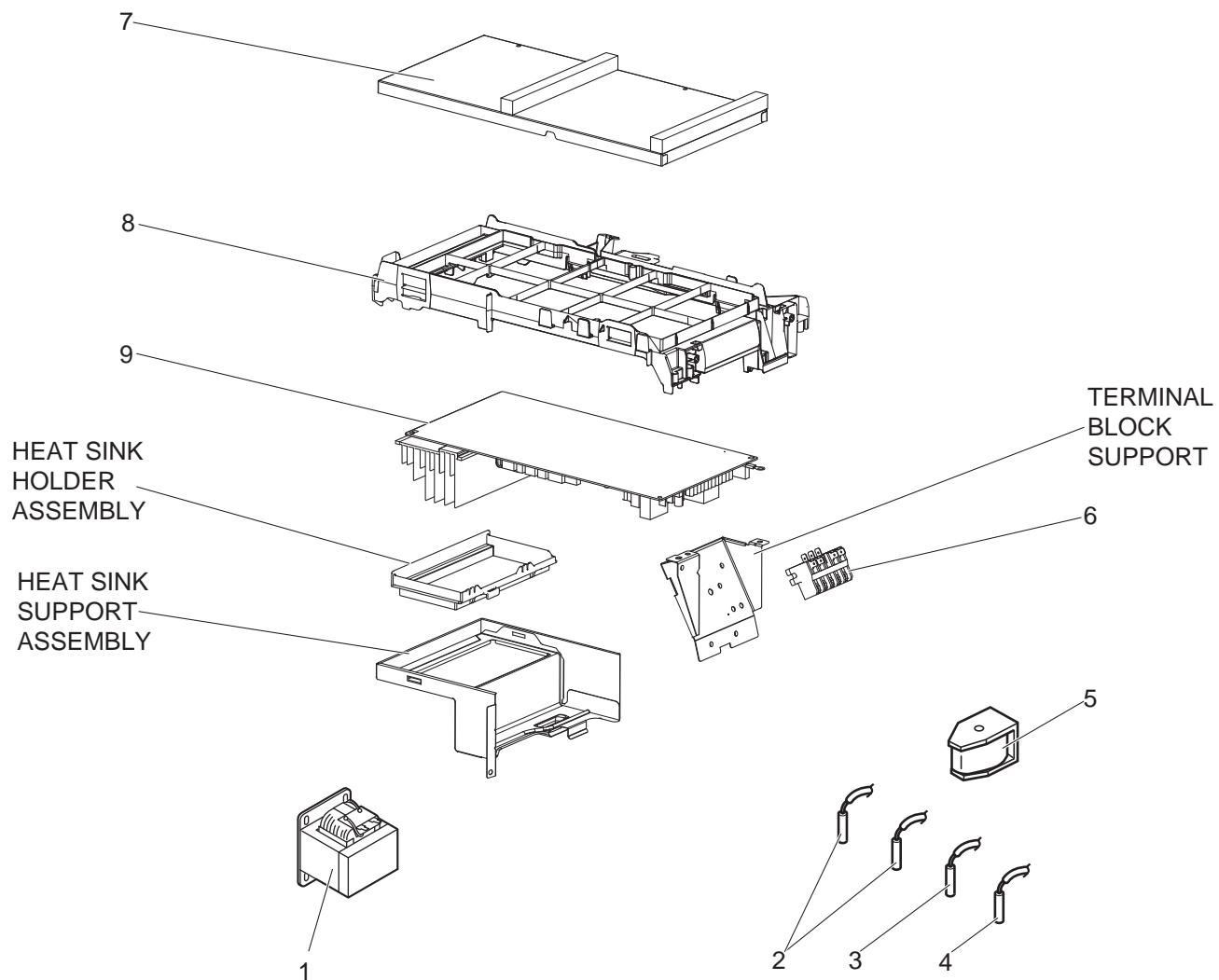


## 1-5. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

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	MUZ-EF25VGH-LE1	MUZ-EF35VGH-LE1	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 J63 232	CABINET	1	1		
2	E22 J63 531	ICE GUARD	1	1		
3	E22 Y84 521	WIRE GRILLE	1	1		
4	E22 95B 501	PROPELLER FAN	1	1		
5	————	PROPELLER FAN NUT	1	1		[ SG12D375H03 ]
6	E22 Y96 290	BASE ASSEMBLY	1	1		
7	E22 R81 900	COMPRESSOR	1	1	MC	KVB073FYXMC
8	E22 065 506	COMPRESSOR RUBBER SET	3	3		3 RUBBERS/SET
9	E22 T66 662	STOP VALVE (LIQUID)	1			ø6.35
10	E22 T66 661	STOP VALVE (GAS)		1		ø9.52
11	E22 L59 245	SERVICE PANEL ASSEMBLY	1	1		
12	E22 G13 233	BACK PANEL ASSEMBLY	1	1		
13	E22 47H 645	EXPANSION VALVE ASSEMBLY	1			Includes LEV body, capillary tube ø4.0xø2.4x240, ø3.0xø2.0x100
13	E22 21G 645	EXPANSION VALVE ASSEMBLY		1		Includes LEV body, capillary tube ø4.0xø2.4x240
14	E22 Y84 493	EXPANSION VALVE COIL	1	1	LEV	
15	E22 R81 961	4-WAY VALVE	1	1		
16	E22 928 079	THERMO HOLDER (AMBIENT)	1			
16	E22 930 079	THERMO HOLDER (AMBIENT)		1		
17	E22 47H 525	CONDENSER WIRE NET ASSEMBLY	1			
17	E22 930 525	CONDENSER WIRE NET ASSEMBLY		1		
18	E22 928 523	CONDENSER NET	1			
18	E22 930 523	CONDENSER NET		1		
19	E22 G13 293	SEPARATOR	1			
19	E22 G14 293	SEPARATOR		1		
20	E22 97B 515	MOTOR SUPPORT	1			
20	E22 47H 515	MOTOR SUPPORT		1		
21	E22 L85 297	TOP PANEL ASSEMBLY	1	1		
22	E27 M71 630	OUTDOOR HEAT EXCHANGER	1			
22	E22 Y84 630	OUTDOOR HEAT EXCHANGER		1		
23	E22 97B 301	OUTDOOR FAN MOTOR	1	1	MF	RC0J50-□□
24	————	TRADE MARK	1	1		[ DK79G041H02 ]
25	E22 Y96 526	DEFROST HEATER	1	1	H	
26	E22 D65 381	HEATER PROTECTOR ASSEMBLY	1	1	26H	
27	E22 Y84 640	EXPANSION VALVE	1	1		
28	————	COMPRESSOR LEAD WIRE ASSEMBLY	1			[ DM78R027G06 ]
28	————	COMPRESSOR LEAD WIRE ASSEMBLY		1		[ DM78R027G15 ]
29	————	THERMO HOLDER COVER	1	1		[ SG25J917G05 ]
30	————	COMPRESSOR FELT (TOP)	1	1		[ SQ33J347H01 ]
31	————	COMPRESSOR FELT (BODY)	1	1		[ JU33Y270H15 ]
32	————	COMPRESSOR FELT (OUTER)	1	1		[ SG33V226H04 ]

**MUZ-EF25VGH- [E1] MUZ-EF35VGH - [E1]**  
**1-6. OUTDOOR UNIT ELECTRICAL PARTS**



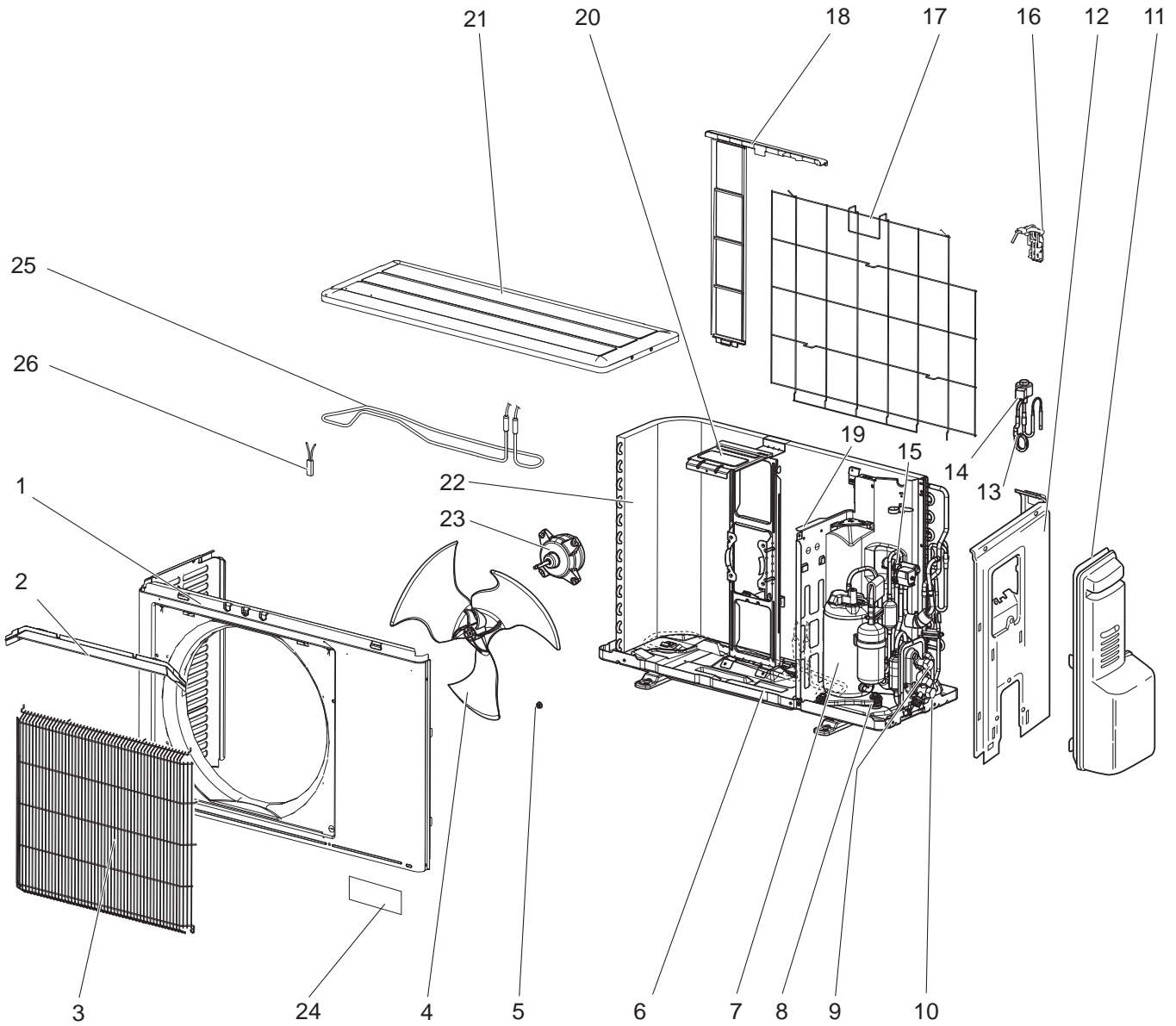
## 1-6. OUTDOOR UNIT ELECTRICAL PARTS

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

No.	Part No.	Part Name	MUZ-EF25VGH-ET	MUZ-EF35VGH-ET	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 11C 337	REACTOR	1		L61	
1	E22 G11 337	REACTOR		1	L61	
2	E22 C34 306	THERMISTOR SET	1		RT61, RT62	DEFROST, DISCHARGE
2	E22 R81 306	THERMISTOR SET		1	RT61, RT62	DEFROST, DISCHARGE
3	E22 927 308	AMBIENT TEMPERATURE THERMISTOR	1	1	RT65	
4	E22 88F 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1		RT68	
4	E22 P72 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR		1	RT68	
5	E22 J47 490	R.V. COIL ASSEMBLY	1		21S4	
5	E22 R81 490	R.V. COIL ASSEMBLY		1	21S4	
6	E22 T95 374	TERMINAL BLOCK	1	1	TB1	5P (S1, S2, S3, L, N)
7	————	P.C. BOARD COVER	1	1		[ DY02B444G02 ], [ DU33N535H56 ], [ DU33N535HA7 ], [ DM33T569H01 ] (4 PCS)
8	————	P.C. BOARD SUPPORT	1	1		[ RK00A867G01 ]
9	E22 51H 451	INVERTER P.C. BOARD ASSEMBLY	1			Includes heat sink and RT64
9	E22 52H 451	INVERTER P.C. BOARD ASSEMBLY		1		Includes heat sink and RT64

MUZ-EF25VGH- E2 MUZ-EF35VGH- E2

1-7. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

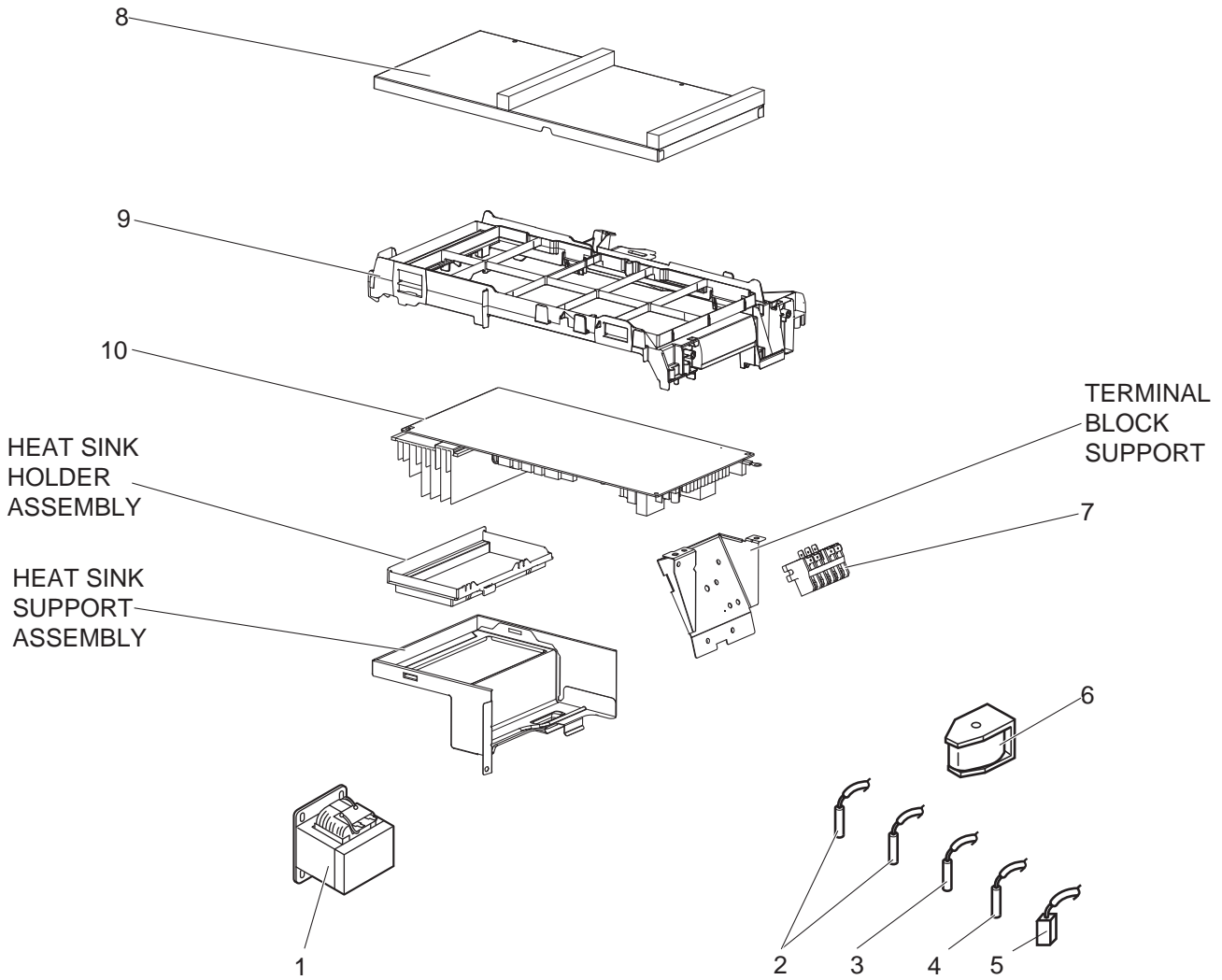


## 1-7. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

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	MUZ-EF25VGH-E2	MUZ-EF35VGH-E2	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 J63 232	CABINET	1	1		
2	E22 J63 531	ICE GUARD	1	1		
3	E22 Y84 521	WIRE GRILLE	1	1		
4	E22 95B 501	PROPELLER FAN	1	1		
5	E27 L05 508	PROPELLER FAN NUT	1	1		[ SG12D375H03 ]
6	E22 Y96 290	BASE ASSEMBLY	1	1		
7	E22 R81 900	COMPRESSOR	1	1	MC	KVB073FYXMC
8	E22 065 506	COMPRESSOR RUBBER SET	3	3		3 RUBBERS/SET
9	E22 T66 662	STOP VALVE (LIQUID)	1	1		ø6.35
10	E22 T66 661	STOP VALVE (GAS)	1	1		ø9.52
11	E22 M09 245	SERVICE PANEL ASSEMBLY	1	1		
12	E22 G13 233	BACK PANEL ASSEMBLY	1	1		
13	E22 47H 645	EXPANSION VALVE ASSEMBLY	1			Includes LEV body, capillary tube ø4.0xø2.4x240, ø3.0xø2.0x100
13	E22 21G 645	EXPANSION VALVE ASSEMBLY		1		Includes LEV body, capillary tube ø4.0xø2.4x240
14	E22 Y84 493	EXPANSION VALVE COIL	1	1	LEV	
15	E22 R81 961	4-WAY VALVE	1	1		
16	E27 928 079	THERMO HOLDER (AMBIENT)	1			
16	E22 930 079	THERMO HOLDER (AMBIENT)		1		
17	E27 M71 525	CONDENSER WIRE NET ASSEMBLY	1			
17	E22 930 525	CONDENSER WIRE NET ASSEMBLY		1		
18	E22 928 523	CONDENSER NET	1			
18	E22 930 523	CONDENSER NET		1		
19	E22 G13 293	SEPARATOR	1			
19	E22 G14 293	SEPARATOR		1		
20	E22 97B 515	MOTOR SUPPORT	1			
20	E22 14F 515	MOTOR SUPPORT		1		
21	E22 L85 297	TOP PANEL ASSEMBLY	1	1		
22	E27 M71 630	OUTDOOR HEAT EXCHANGER	1			
22	E22 Y84 630	OUTDOOR HEAT EXCHANGER		1		
23	E22 97B 301	OUTDOOR FAN MOTOR	1	1	MF	RC0J50-□□
24	————	TRADE MARK	1	1		[ DK79G041H02 ]
25	E22 Y96 526	DEFROST HEATER	1	1	H	
26	E22 D65 381	HEATER PROTECTOR ASSEMBLY	1	1	26H	
27	E22 Y84 640	EXPANSION VALVE	1	1		
28	————	COMPRESSOR LEAD WIRE ASSEMBLY	1	1		[ DM78R027G27 ]
29	E27 M71 078	THERMO HOLDER COVER	1	1		[ SG25J917G05 ]
30	————	COMPRESSOR FELT (TOP)	1	1		[ SQ33J347H08 ]
31	————	COMPRESSOR FELT (BODY)	1	1		[ JU33Y893H02 ]
32	————	COMPRESSOR FELT (OUTER)	1	1		[ SG33V226H04 ]
33	E22 P72 936	CAPILLARY TUBE	1	1		ø4.0 x ø2.4 x 240

**MUZ-EF25VGH- [E2] MUZ-EF35VGH- [E2]**  
**1-8. OUTDOOR UNIT ELECTRICAL PARTS**





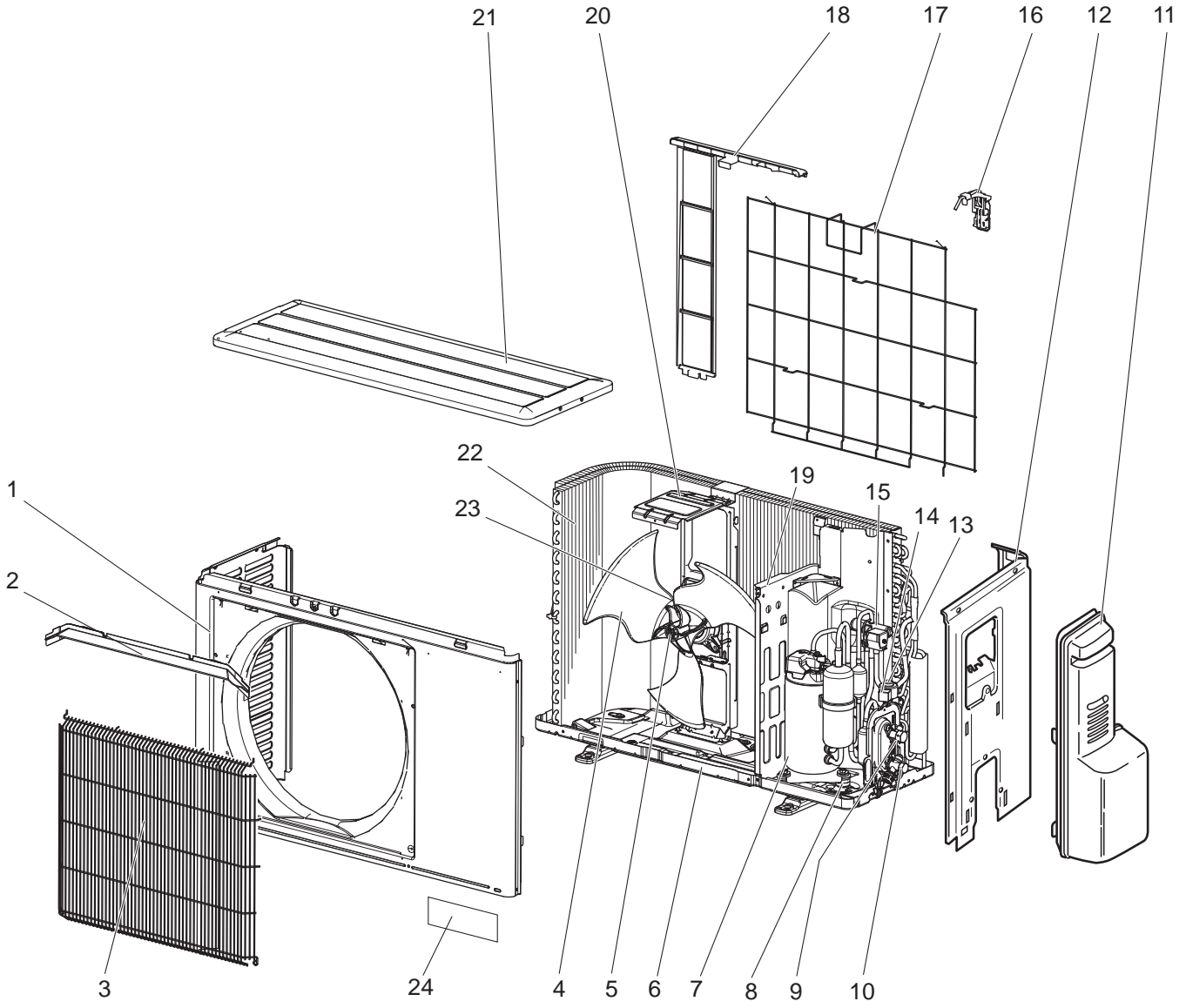
## 1-8. OUTDOOR UNIT ELECTRICAL PARTS

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

No.	Part No.	Part Name	MUZ-EF25VGH-E2	MUZ-EF35VGH-E2	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 26N 337	REACTOR	1		L61	
1	E22 20A 337	REACTOR		1	L61	
2	E22 C34 306	THERMISTOR SET	1		RT61, RT62	DEFROST, DISCHARGE
2	E22 R81 306	THERMI STOR SET		1	RT61, RT62	DEFROST, DISCHARGE
3	E22 927 308	AMBIENT TEMPERATURE THERMISTOR	1	1	RT65	
4	E22 88F 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1		RT68	
4	E22 P72 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR		1	RT68	
5	E22 41X 381	COMPRESSOR PROTECTOR	1	1	26C	
6	E22 J47 490	R.V. COIL ASSEMBLY	1		21S4	
6	E22 R81 490	R.V. COIL ASSEMBLY		1	21S4	
7	E22 10L 374	TERMINAL BLOCK	1	1	TB1	5P (S1, S2, S3, L, N)
8	————	P.C. BOARD COVER	1	1		[ DY02B444G02 ], [ DU33N535H56 ], [ DU33N535HA7 ], [ DM33T569H01 ] (4 PCS)
9	————	P.C. BOARD SUPPORT	1	1		[ RK00A867G01 ]
10	E22 71X 451	INVERTER P.C. BOARD ASSEMBLY	1			Includes heat sink and RT64
10	E22 72X 451	INVERTER P.C. BOARD ASSEMBLY		1		Includes heat sink and RT64

MUZ-EF42VG- E1, ER1, ET1

### 1-9. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS



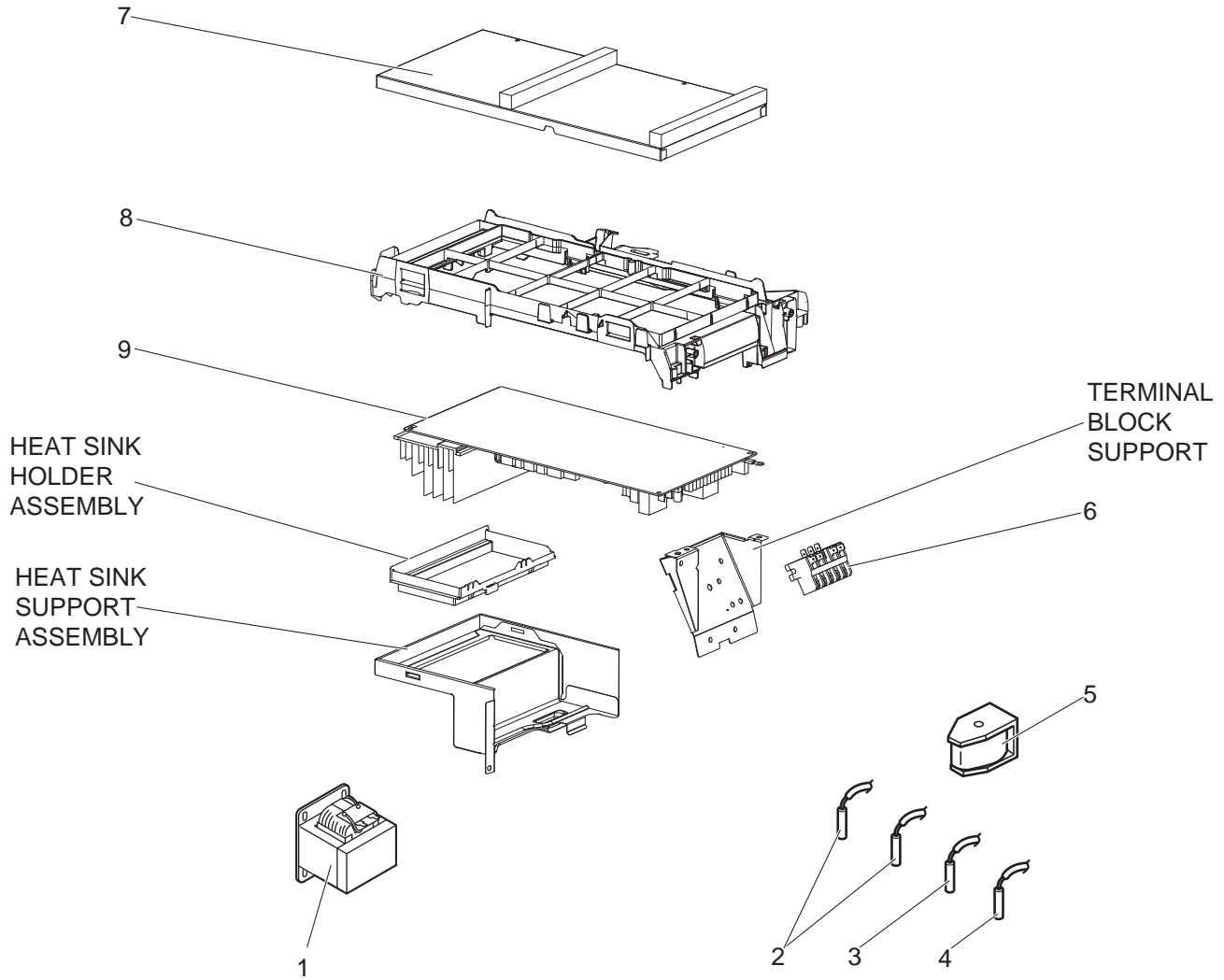
## 1-9. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

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	MUZ-EF42VG-ET	MUZ-EF42VG-ER1	MUZ-EF42VG-ET1	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 J63 232	CABINET	1	1	1		
2	E22 J63 531	ICE GUARD	1	1	1		
3	E22 Y84 521	WIRE GRILLE	1	1	1		
4	E22 95B 501	PROPELLER FAN	1	1	1		
5	————	PROPELLER FAN NUT	1	1	1		[ SG12D375H03 ]
6	E22 Y84 290	BASE ASSEMBLY	1	1	1		
7	E22 R83 900	COMPRESSOR	1	1	1	MC	SVB130FBBMT
8	E22 C34 506	COMPRESSOR RUBBER SET	3	3	3		3 RUBBERS/SET
9	E22 T66 662	STOP VALVE (LIQUID)	1	1	1		ø6.35
10	E22 T66 661	STOP VALVE (GAS)	1	1	1		ø9.52
11	E22 L59 245	SERVICE PANEL ASSEMBLY	1	1	1		
12	E22 G15 233	BACK PANEL ASSEMBLY	1	1	1		
13	E22 21G 645	EXPANSION VALVE ASSEMBLY	1	1	1		Includes LEV body, capillary tube ø4.0xø2.4x240
14	E22 Y84 493	EXPANSION VALVE COIL	1	1	1	LEV	
15	E22 R81 961	4-WAY VALVE	1	1	1		
16	E22 930 079	THERMO HOLDER (AMBIENT)	1	1	1		
17	E22 930 525	CONDENSER WIRE NET ASSEMBLY	1	1	1		
18	E22 930 523	CONDENSER NET	1	1	1		
19	E22 G11 293	SEPARATOR	1	1	1		
20	E22 47H 515	MOTOR SUPPORT	1	1	1		
21	E22 L85 297	TOP PANEL ASSEMBLY	1	1	1		
22	E22 Y84 630	OUTDOOR HEAT EXCHANGER	1	1	1		
23	E22 97B 301	OUTDOOR FAN MOTOR	1	1	1	MF	RC0J50-□□
24	————	TRADE MARK	1	1	1		[ DK79G041H02 ]
②⑤	E22 Y84 640	EXPANSION VALVE	1	1	1		
②⑥	————	COMPRESSOR LEAD WIRE ASSEMBLY	1	1	1		[ DM78R027G16 ]
②⑦	E22 838 704	DRAIN SOCKET	1	1	1		
②⑧	————	THERMO HOLDER COVER	1	1	1		[ SG25J917G05 ]
②⑨	————	COMPRESSOR FELT (TOP)	1	1	1		[ SQ33J347H02 ]
③⑩	————	COMPRESSOR FELT (BODY)	1	1	1		[ JU33Y270H15 ]
③①	————	COMPRESSOR FELT (OUTER)	1	1	1		[ SG33V226H04 ]

MUZ-EF42VG- E1, ER1, ET1

1-10. OUTDOOR UNIT ELECTRICAL PARTS



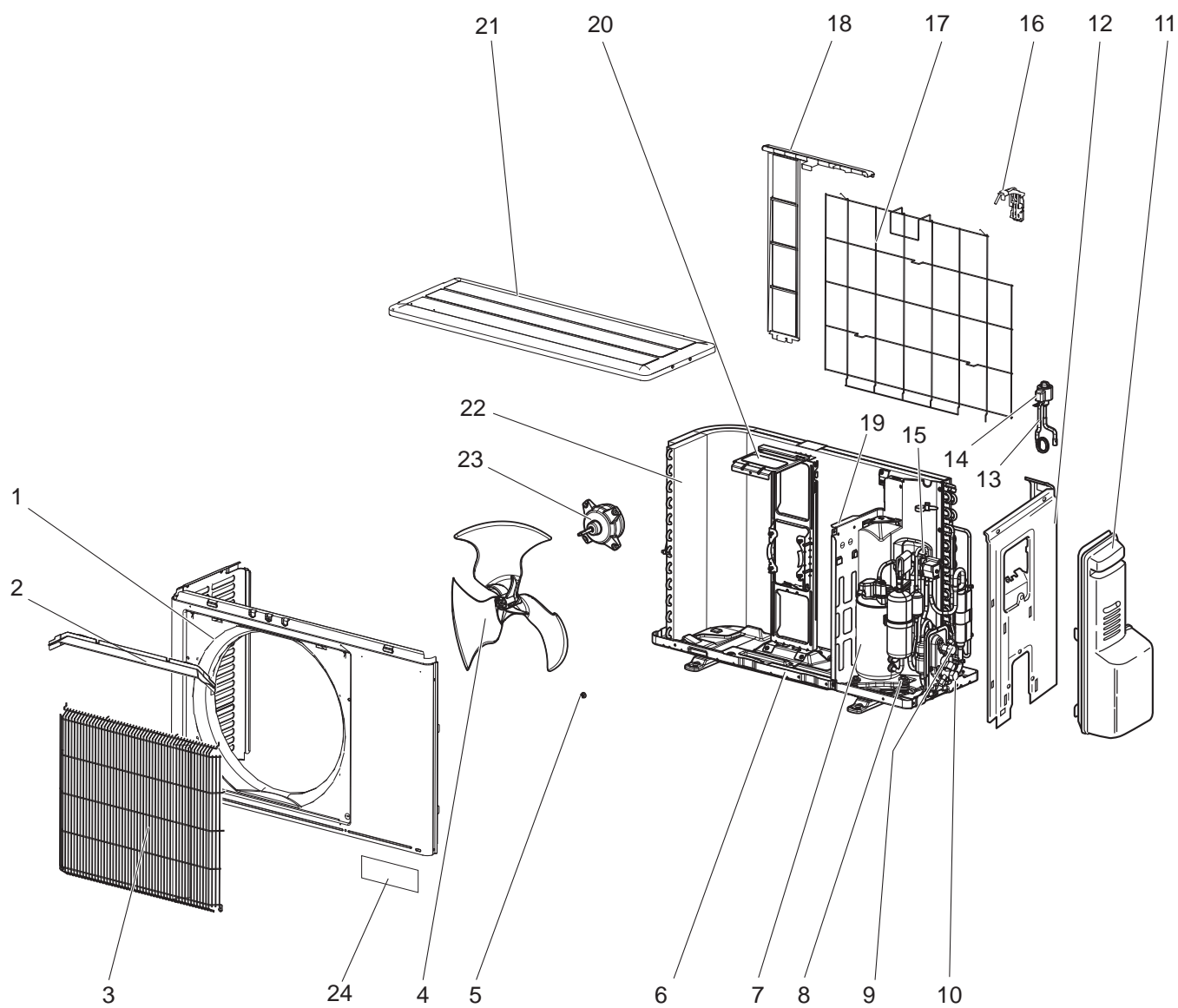
## 1-10. OUTDOOR UNIT ELECTRICAL PARTS

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

No.	Part No.	Part Name	MUZ-EF42VG-ET	MUZ-EF42VG-ER1	MUZ-EF42VG-ET1	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 G11 337	REACTOR	1	1	1	L61	
2	E22 R81 306	THERMISTOR SET	1	1	1	RT61, RT62	DEFROST, DISCHARGE
3	E22 927 308	AMBIENT TEMPERATURE THERMISTOR	1	1	1	RT65	
4	E22 P72 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1	1	1	RT68	
5	E22 R81 490	R.V. COIL ASSEMBLY	1	1	1	21S4	
6	E22 T95 374	TERMINAL BLOCK	1	1	1	TB1	5P (S1, S2, S3, L, N)
7	————	P.C. BOARD COVER	1	1	1		[ DY02B444G02 ], [ DU33N535H56 ], [ DU33N535HA7 ], [ DM33T569H01 ] (4 PCS)
8	————	P.C. BOARD SUPPORT	1	1	1		[ RK00A867G01 ]
9	E22 49H 451	INVERTER P.C. BOARD ASSEMBLY	1	1	1		Includes heat sink and RT64

MUZ-EF42VG- E2, ER2, ET2

### 1-11. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS



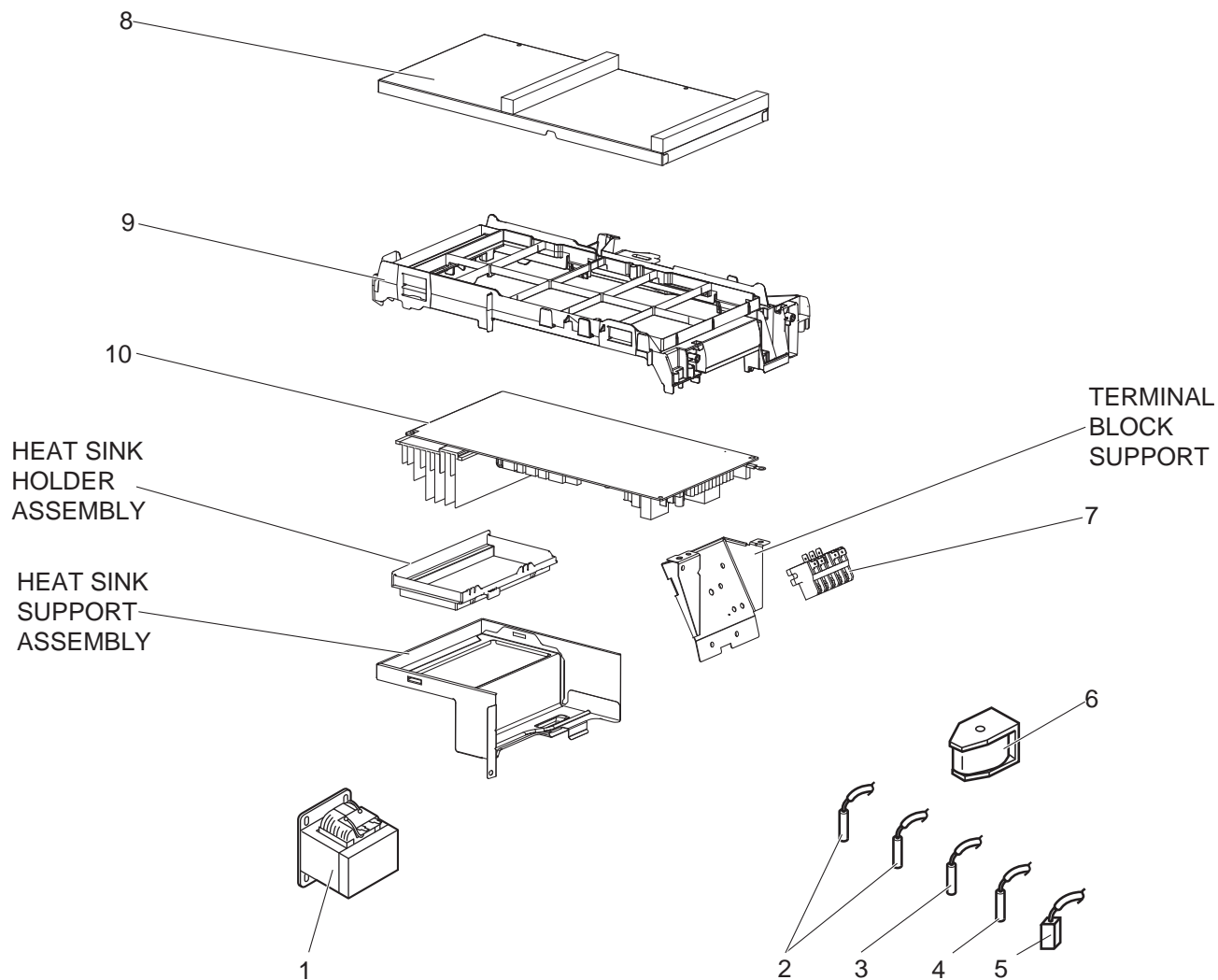
## 1-11. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

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	MUZ-EF42VG- <sup>E2</sup>	MUZ-EF42VG- <sup>ER2</sup>	MUZ-EF42VG- <sup>ET2</sup>	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 J63 232	CABINET	1	1	1		
2	E22 J63 531	ICE GUARD	1	1	1		
3	E22 Y84 521	WIRE GRILLE	1	1	1		
4	E22 95B 501	PROPELLER FAN	1	1	1		
5	E27 L05 508	PROPELLER FAN NUT	1	1	1		[ SG12D375H03 ]
6	E22 44P 290	BASE ASSEMBLY	1	1	1		
7	E22 46W 900	COMPRESSOR	1	1	1	MC	SVB130FBBMT
8	E22 C34 506	COMPRESSOR RUBBER SET	3	3	3		3 RUBBERS/SET
9	E22 T66 662	STOP VALVE (LIQUID)	1	1	1		ø6.35
10	E22 T66 661	STOP VALVE (GAS)	1	1	1		ø9.52
11	E22 M09 245	SERVICE PANEL ASSEMBLY	1	1	1		
12	E22 G15 233	BACK PANEL ASSEMBLY	1	1	1		
13	E22 21G 645	EXPANSION VALVE ASSEMBLY	1	1	1		Includes LEV body, capillary tube ø4.0xø2.4x240
14	E22 Y84 493	EXPANSION VALVE COIL	1	1	1	LEV	
15	E22 R81 961	4-WAY VALVE	1	1	1		
16	E22 930 079	THERMO HOLDER (AMBIENT)	1	1	1		
17	E22 930 525	CONDENSER WIRE NET ASSEMBLY	1	1	1		
18	E22 930 523	CONDENSER NET	1	1	1		
19	E22 G11 293	SEPARATOR	1	1	1		
20	E22 14F 515	MOTOR SUPPORT	1	1	1		
21	E22 L85 297	TOP PANEL ASSEMBLY	1	1	1		
22	E22 Y84 630	OUTDOOR HEAT EXCHANGER	1	1	1		
23	E22 97B 301	OUTDOOR FAN MOTOR	1	1	1	MF	RC0J50-□□
24	————	TRADE MARK	1	1	1		[ DK79G041H02 ]
25	E22 Y84 640	EXPANSION VALVE	1	1	1		
26	————	COMPRESSOR LEAD WIRE ASSEMBLY	1	1	1		[ DM78R027G25 ]
27	E22 838 704	DRAIN SOCKET	1	1	1		
28	E27 M71 078	THERMO HOLDER COVER	1	1	1		[ SG25J917G05 ]
29	————	COMPRESSOR FELT (TOP)	1	1	1		[ SQ33J347H08 ]
30	————	COMPRESSOR FELT (BODY)	1	1	1		[ JU33Y893H02 ]
31	————	COMPRESSOR FELT (OUTER)	1	1	1		[ SG33V226H04 ]
32	E22 P72 936	CAPILLARY TUBE	1	1	1		ø4.0 x ø2.4 x 240

MUZ-EF42VG- E2, ER2, ET2

### 1-12. OUTDOOR UNIT ELECTRICAL PARTS





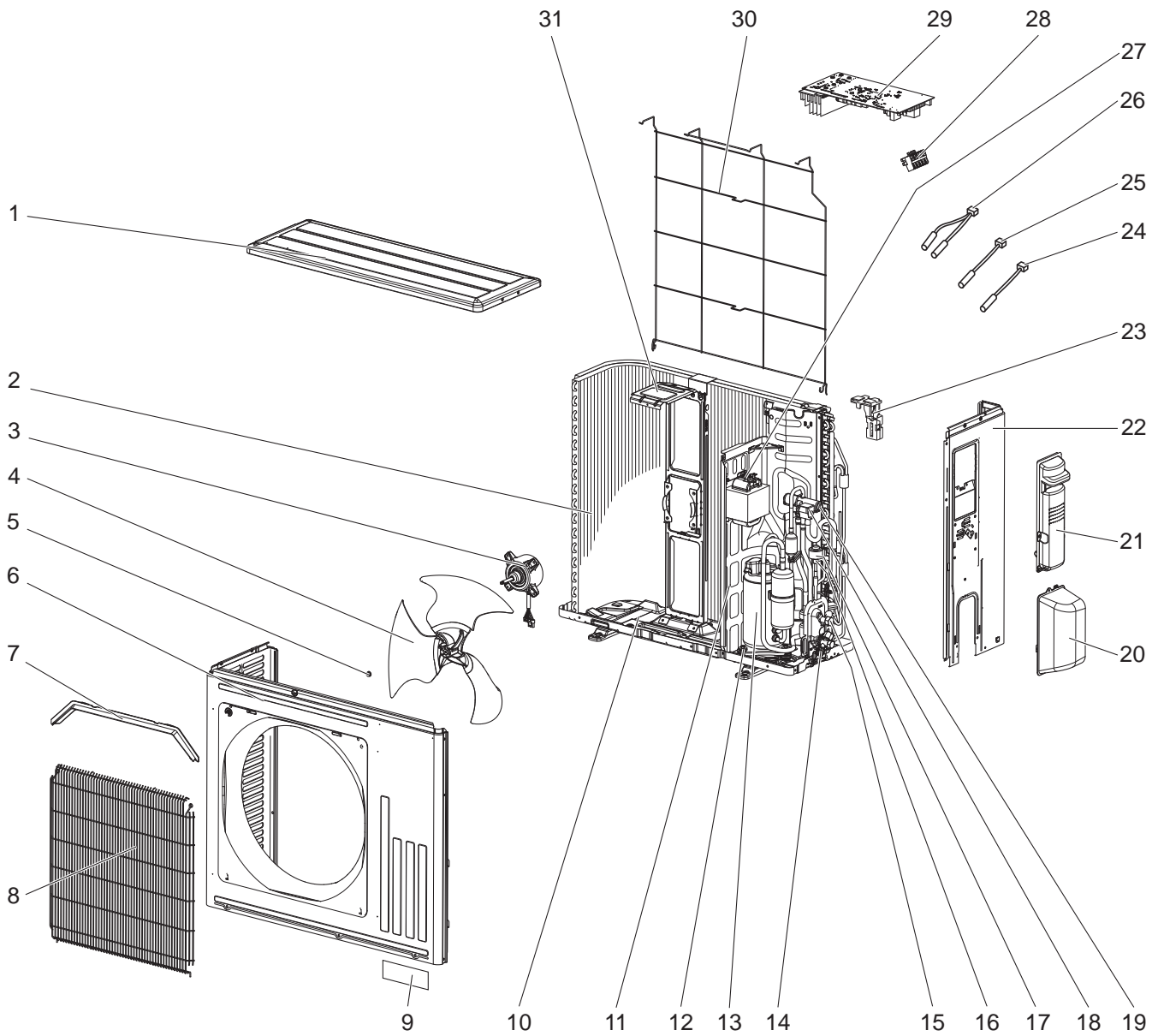
## 1-12. OUTDOOR UNIT ELECTRICAL PARTS

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

No.	Part No.	Part Name	MUZ-EF42VG-E2	MUZ-EF42VG-ER2	MUZ-EF42VG-ET2	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 20A 337	REACTOR	1	1	1	L61	
2	E22 R81 306	THERMISTOR SET	1	1	1	RT61, RT62	DEFROST, DISCHARGE
3	E22 927 308	AMBIENT TEMPERATURE THERMISTOR	1	1	1	RT65	
4	E22 P72 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1	1	1	RT68	
5	E22 41X 381	COMPRESSOR PROTECTOR	1	1	1	26C	
6	E22 R81 490	R.V. COIL ASSEMBLY	1	1	1	21S4	
7	E22 10L 374	TERMINAL BLOCK	1	1	1	TB1	5P (S1, S2, S3, L, N)
8	————	P.C. BOARD COVER	1	1	1		[ DY02B444G02 ], [ DU33N535H56 ], [ DU33N535HA7 ], [ DM33T569H01 ] (4 PCS)
9	————	P.C. BOARD SUPPORT	1	1	1		[ RK00A867G01 ]
10	E22 65X 451	INVERTER P.C. BOARD ASSEMBLY	1	1	1		Includes heat sink and RT64

MUZ-EF50VG- E1, ER1, ET1

1-13. OUTDOOR UNIT STRUCTURAL PARTS, ELECTRICAL PARTS AND FUNCTIONAL PARTS



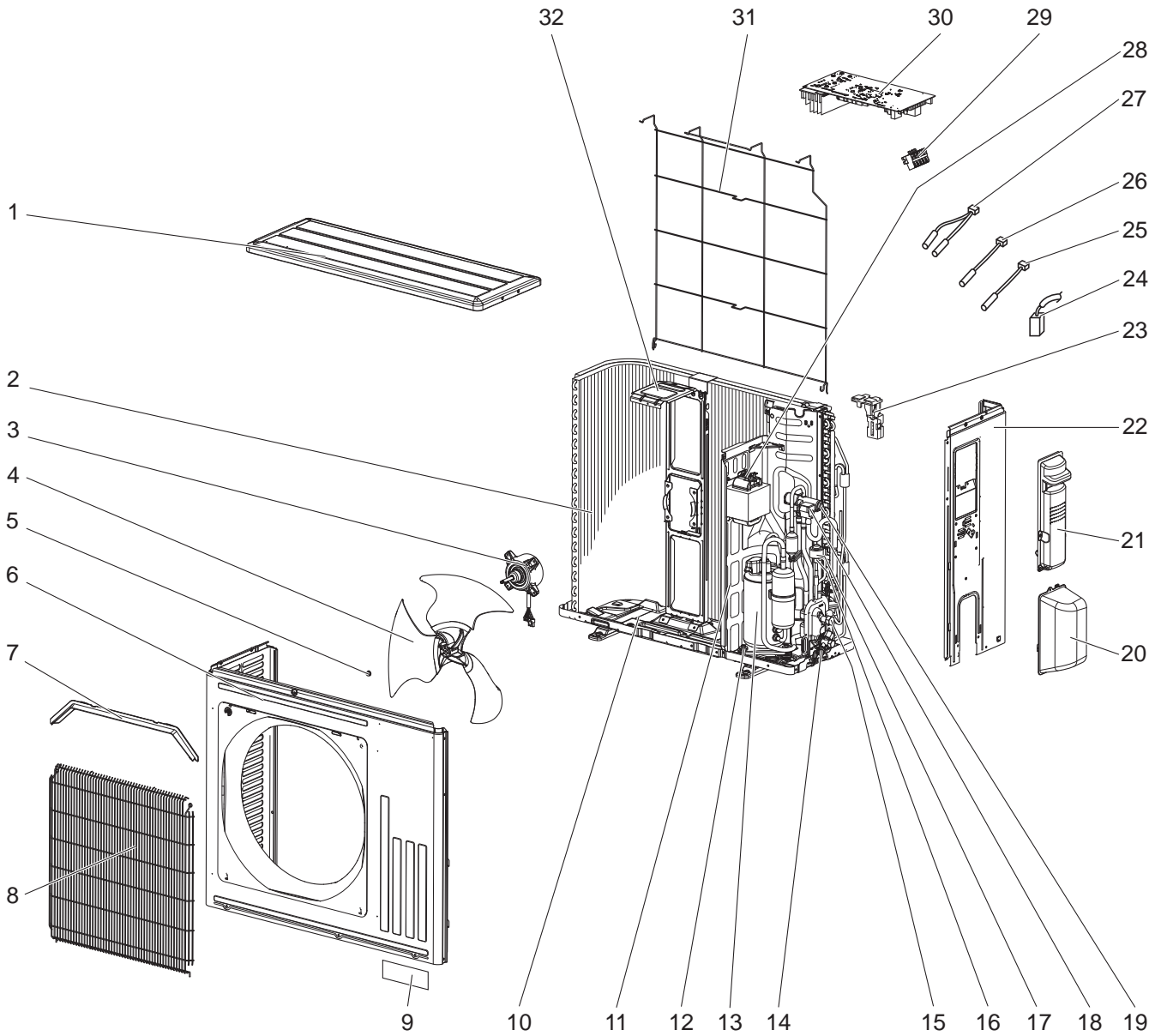
## 1-13. OUTDOOR UNIT STRUCTURAL PARTS, ELECTRICAL PARTS AND FUNCTIONAL PARTS

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	MUZ-EF50VG-EL	MUZ-EF50VG-ERT	MUZ-EF50VG-ETT	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 Y86 297	TOP PANEL	1	1	1		
2	E22 Y86 630	OUTDOOR HEAT EXCHANGER	1	1	1		
3	E22 Y86 301	OUTDOOR FAN MOTOR	1	1	1	MF	RC0J50-□□
4	E22 Y86 501	PROPELLER FAN	1	1	1		
5	————	PROPELLER FAN NUT	1	1	1		[ SG12D375H03 ]
6	E22 Y86 232	CABINET	1	1	1		
7	E22 Y86 531	ICE GUARD	1	1	1		
8	E22 Y86 521	GRILLE	1	1	1		
9	————	TRADE MARK	1	1	1		[ DK79G041H02 ]
10	E22 Y84 290	BASE	1	1	1		
11	E22 Y86 293	SEPARATOR	1	1	1		
12	E22 C34 506	COMPRESSOR RUBBER SET	3	3	3		3 RUBBERS/SET
13	E22 R83 900	COMPRESSOR	1	1	1	MC	SVB130FBBMT
14	E22 Y86 661	STOP VALVE (GAS)	1	1	1		ø9.52
15	E22 Y86 662	STOP VALVE (LIQUID)	1	1	1		ø6.35
16	E22 41G 645	EXPANSION VALVE ASSEMBLY	1	1	1		Includes LEV body, capillary tube
17	E22 Y84 493	EXPANSION VALVE COIL	1	1	1	LEV	
18	E22 Y86 490	R.V. COIL	1	1	1	21S4	
19	E22 J44 961	4-WAY VALVE	1	1	1		
20	E22 Y86 650	VALVE COVER	1	1	1		
21	E22 Y86 245	SERVICE PANEL	1	1	1		
22	E22 Y86 233	BACK PANEL (OUT)	1	1	1		
23	E22 22A 079	THERMO HOLDER	1	1	1		
24	E22 Y86 309	AMBIENT TEMPERATURE THERMISTOR	1	1	1	RT65	
25	E22 C34 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1	1	1	RT68	
26	E22 Y86 306	THERMISTOR SET	1	1	1	RT61, RT62	DEFROST, DISCHARGE
27	E22 H21 337	REACTOR	1	1	1	L61	
28	E22 T95 374	TERMINAL BLOCK	1	1	1	TB1	5 P
29	E22 50H 451	INVERTER P.C. BOARD	1	1	1		Includes heat sink and RT64
30	E22 Y86 525	CONDENSER WIRE NET	1	1	1		
31	E22 Y86 515	MOTOR SUPPORT	1	1	1		
32	E22 838 704	DRAIN SOCKET	1	1	1		
33	E22 Y84 640	EXPANSION VALVE	1	1	1		LEV body
34	E22 J47 936	CAPILLARY TUBE	1	1	1		ø4.0 x ø2.4 x 240
35	E22 F35 936	CAPILLARY TUBE	2	2	2		ø3.0 x ø2.0 x 210
36	————	PB SUPPORT	1	1	1		[ RK00A627G01 ]
37	————	PB COVER	1	1	1		[ DY00B947G02 ]
38	————	COMPRESSOR LEAD WIRE ASSEMBLY	1	1	1		[ DY78C464G02 ]
39	————	COMPRESSOR FELT (TOP)	1	1	1		[ SQ33J842H03 ]
40	————	COMPRESSOR FELT (BODY)	1	1	1		[ SQ33Y585H02 ]
41	————	COMPRESSOR FELT (OUTER)	1	1	1		[ SG33V226H04 ]

MUZ-EF50VG- E2, ER2, ET2

### 1-14. OUTDOOR UNIT STRUCTURAL PARTS, ELECTRICAL PARTS AND FUNCTIONAL PARTS



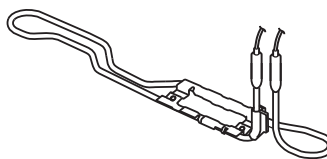
## 1-14. OUTDOOR UNIT STRUCTURAL PARTS, ELECTRICAL PARTS AND FUNCTIONAL PARTS

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	MUZ-EF50VG-E2	MUZ-EF50VG-ER2	MUZ-EF50VG-ET2	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 Y86 297	TOP PANEL	1	1	1		
2	E22 Y86 630	OUTDOOR HEAT EXCHANGER	1	1	1		
3	E22 Y86 301	OUTDOOR FAN MOTOR	1	1	1	MF	RC0J50-□□
4	E22 Y86 501	PROPELLER FAN	1	1	1		
5	E27 L05 508	PROPELLER FAN NUT	1	1	1		[ SG12D375H03 ]
6	E22 41G 232	CABINET	1	1	1		
7	E22 Y86 531	ICE GUARD	1	1	1		
8	E22 Y86 521	GRILLE	1	1	1		
9	—	TRADE MARK	1	1	1		[ DK79G041H02 ]
10	E22 44P 290	BASE	1	1	1		
11	E22 3A2 293	SEPARATOR	1	1	1		
12	E22 C34 506	COMPRESSOR RUBBER SET	3	3	3		3 RUBBERS/SET
13	E22 46W 900	COMPRESSOR	1	1	1	MC	SVB130FBBMT
14	E22 Y86 661	STOP VALVE (GAS)	1	1	1		ø9.52
15	E22 75R 662	STOP VALVE (LIQUID)	1	1	1		ø6.35
16	E22 03W 645	EXPANSION VALVE ASSEMBLY	1	1	1		Includes LEV body, capillary tube
17	E22 Y84 493	EXPANSION VALVE COIL	1	1	1	LEV	
18	E22 Y86 490	R.V. COIL	1	1	1	21S4	
19	E22 J44 961	4-WAY VALVE	1	1	1		
20	E22 Y86 650	VALVE COVER	1	1	1		
21	E22 Y86 245	SERVICE PANEL	1	1	1		
22	E22 Y86 233	BACK PANEL (OUT)	1	1	1		
23	E22 22A 079	THERMO HOLDER	1	1	1		
24	E22 41X 381	COMPRESSOR PROTECTOR	1	1	1	26C	
25	E22 Y86 309	AMBIENT TEMPERATURE THERMISTOR	1	1	1	RT65	
26	E22 C34 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1	1	1	RT68	
27	E22 Y86 306	THERMISTOR SET	1	1	1	RT61,RT62	DEFROST, DISCHARGE
28	E22 N94 337	REACTOR	1	1	1	L61	
29	E22 13L 374	TERMINAL BLOCK	1	1	1	TB1	5 P
30	E22 66X 451	INVERTER P.C. BOARD	1	1	1		Includes heat sink and RT64
31	E22 Y86 525	CONDENSER WIRE NET	1	1	1		
32	E22 Y86 515	MOTOR SUPPORT	1	1	1		
33	E22 Y84 640	EXPANSION VALVE	1	1	1		LEV body
33	E22 838 704	DRAIN SOCKET	1	1	1		
34	E22 P72 936	CAPILLARY TUBE	1	1	1		ø4.0 × ø2.4 × 240
35	—	PB SUPPORT	1	1	1		[ RK00A627G01 ]
36	—	PB COVER	1	1	1		[ DY00B947G02 ]
37	—	COMPRESSOR LEAD WIRE ASSEMBLY	1	1	1		[ DY78C464G08 ]
38	—	COMPRESSOR FELT (TOP)	1	1	1		[ JQ33B118H02 ]
39	—	COMPRESSOR FELT (BODY)	1	1	1		[ JQ33Y362H01 ]
40	—	COMPRESSOR FELT (OUTER)	1	1	1		[ SG33V226H04 ]

## 2-1. DEFROST HEATER

Model	Parts No.
MUZ-EF42VG	MAC-643BH-E
MUZ-EF50VG	MAC-646BH-E

**NOTE:**

- Attaching the Freeze-prevention heater "MAC-643BH-E Anti-Freeze Heater" (for drain pan) to MUZ-EF25/35VG requires installation of the INVERTER P.C. BOARD for MUZ-EF25/35VGH. Order the INVERTER P.C. BOARD for MUZ-EF25/35VGH as needed.
- Refer to the installation manual for the installation.

## MITSUBISHI ELECTRIC CORPORATION

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Made in Japan

Specifications are subject to change without notice.