

# OUTDOOR UNIT

**Revision D:**

• MXZ-2C20NA2-U1 has been added.

OBB702 REVISED EDITION-C is void.

**No. OBB702  
REVISED EDITION-D**

# PARTS CATALOG

## Models

**MXZ-2C20NA2** - U1

**MXZ-3C24NA**

**MXZ-3C24NA2** - U1

**MXZ-3C30NA**

**MXZ-3C30NA2** - U1

**MXZ-4C36NA**

**MXZ-4C36NA2** - U1

**MXZ-5C42NA**

**MXZ-5C42NA2** - U1

**MXZ-2C20NAHZ**

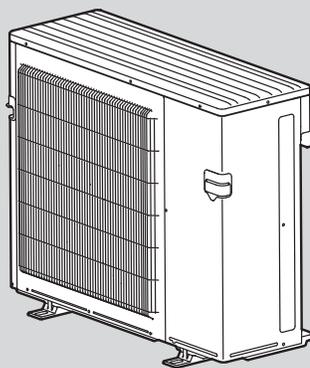
**MXZ-2C20NAHZ2** - U1

**MXZ-3C24NAHZ**

**MXZ-3C24NAHZ2** - U1

**MXZ-3C30NAHZ**

**MXZ-3C30NAHZ2** - U1



**MXZ-3C24NA**   **MXZ-3C24NA2**  
**MXZ-3C30NA**   **MXZ-3C30NA2**  
**MXZ-4C36NA**   **MXZ-4C36NA2**

## CONTENTS

1. RoHS PARTS LIST..... 2
2. OPTIONAL PARTS..... 22

**SERVICE MANUAL (OBH702)**

**NOTE:**

• RoHS compliant products have <G> mark on the spec name plate.

**Revision A:**

• MXZ-3C24NA, MXZ-3C30NA and MXZ-4C36NA have been added.

**Revision B:**

• The part number of the ice guard for MXZ-5C42NA has been corrected.

**Revision C:**

• MXZ-3C24/3C30/4C36/5C42NA2-U1 and MXZ-2C20/3C24/3C30NAHZ2-U1 have been added.

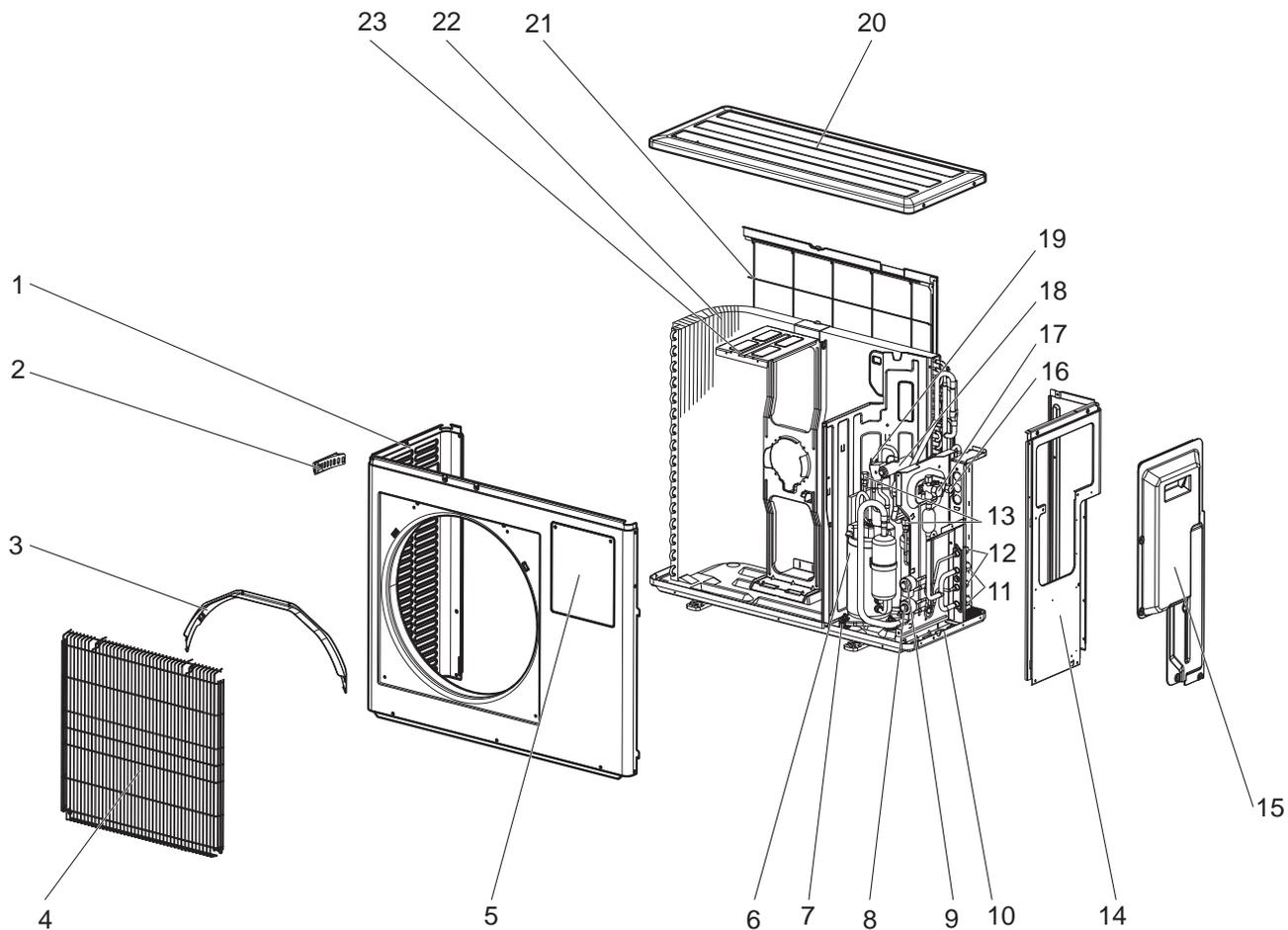
**Revision D:**

• MXZ-2C20NA2-U1 has been added.

**1 RoHS PARTS LIST**

**MXZ-2C20NA2**

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



# RoHS PARTS LIST (RoHS compliant)

## MXZ-2C20NA2

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

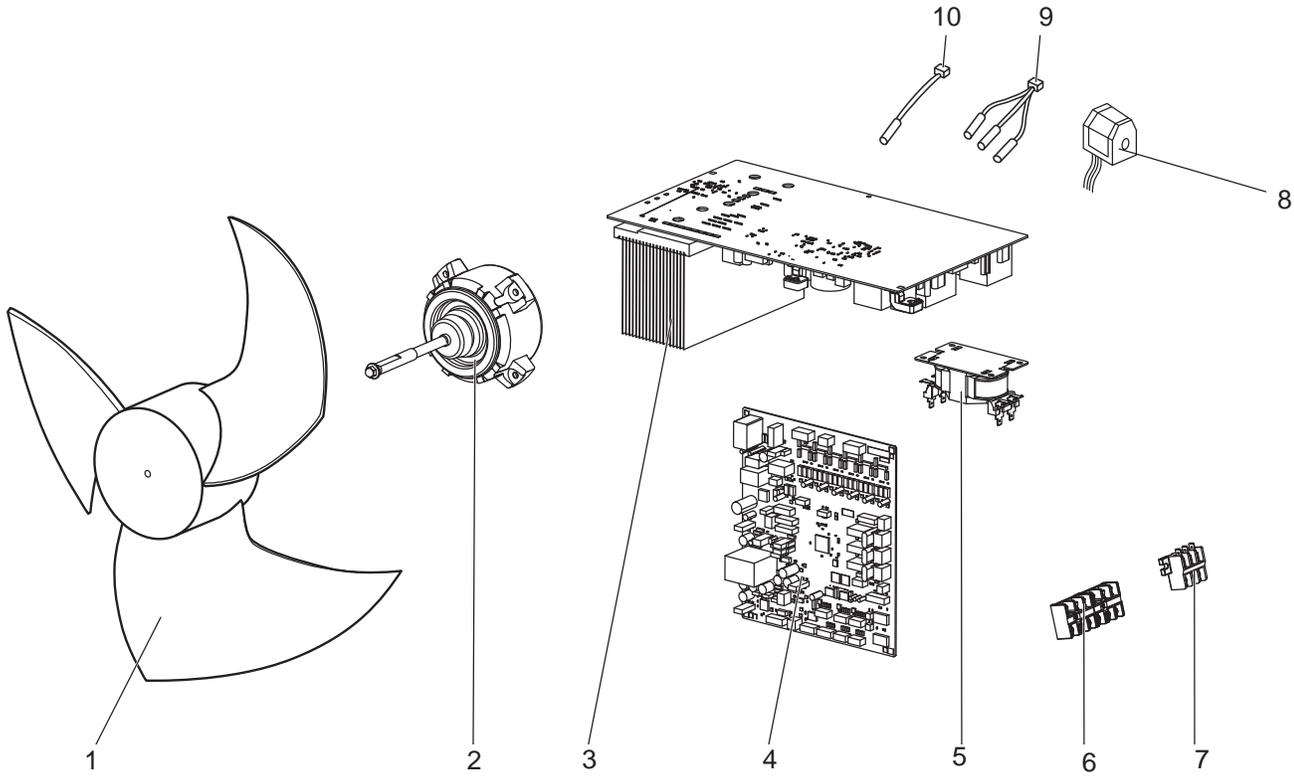
Part numbers that are circled are not shown in the illustration.

No.	RoHS	Parts No.	Parts Name	Symbol in Wiring Diagram	Q'ty/unit	Remakes
					MXZ-2C20NA2-U1	
1	G	E12 T07 232	CABINET		1	
2	G	E12 817 009	HANDLE		1	
3	G	E12 J69 531	ICE GUARD		1	
4	G	E12 J69 521	GRILLE		1	
5	G	E12 T07 246	SUB PANEL		1	
6	G	E12 01B 900	COMPRESSOR	MC	1	SNB140FQUH2T
7	G	E12 C34 506	COMPRESSOR RUBBER SET		3	3 RUBBERS SET
8	G	E12 851 640	EXPANSION VALVE		1	A room
	G	E12 R51 493	EXPANSION VALVE COIL	LEV A	1	A room
9	G	E12 851 640	EXPANSION VALVE		1	B room
	G	E12 R52 493	EXPANSION VALVE COIL	LEV B	1	B room
10	G	E12 T07 290	BASE		1	
11	G	E12 D36 666	UNION(GAS)( $\phi$ 9.52)		2	$\phi$ 3/8
12	G	E12 D36 667	UNION(LIQUID)( $\phi$ 6.35)		2	$\phi$ 1/4
13	G	E12 E79 641	SERVICE PORT		2	
14	G	E12 R51 233	BACK PANEL		1	
15	G	E12 R51 245	SERVICE PANEL		1	
16	G	E12 D36 662	STOP VALVE (LIQUID) ( $\phi$ 9.52)		1	$\phi$ 3/8
17	G	E12 C88 661	STOP VALVE (GAS) ( $\phi$ 15.88)		1	$\phi$ 5/8
18	G	E12 A56 961	4-WAY VALVE		1	
19	G	E12 W66 646	HIGH PRESSURE SWITCH	HPS	1	4.41 MPa (45.0 kg/cm <sup>2</sup> )
20	G	E12 819 297	TOP PANEL		1	
21	G	E12 J69 523	REAR GUARD		1	
22	G	E12 01B 630	OUTDOOR HEAT EXCHANGER		1	
23	G	E12 J69 515	MOTOR SUPPORT		1	
②④	G	E12 938 937	CAPILLARY TUBE ( $\phi$ 3.6 x $\phi$ 2.4 x 500)		8	O.D.0.14 x I.D.0.09 x 19.68
②⑤	G	E12 939 936	CAPILLARY TUBE ( $\phi$ 4.0 x $\phi$ 2.8 x 100)		2	O.D.0.16 x I.D.0.11 x 3.94
②⑥	G	E12 C18 959	POWER RECEIVER		1	
②⑦	G	E12 853 640	EXPANSION VALVE		1	R
	G	E12 T07 493	EXPANSION VALVE COIL	LEV R	1	

# RoHS PARTS LIST (RoHS compliant)

MXZ-2C20NA2

## 1-2. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS



# RoHS PARTS LIST (RoHS compliant)

## MXZ-2C20NA2

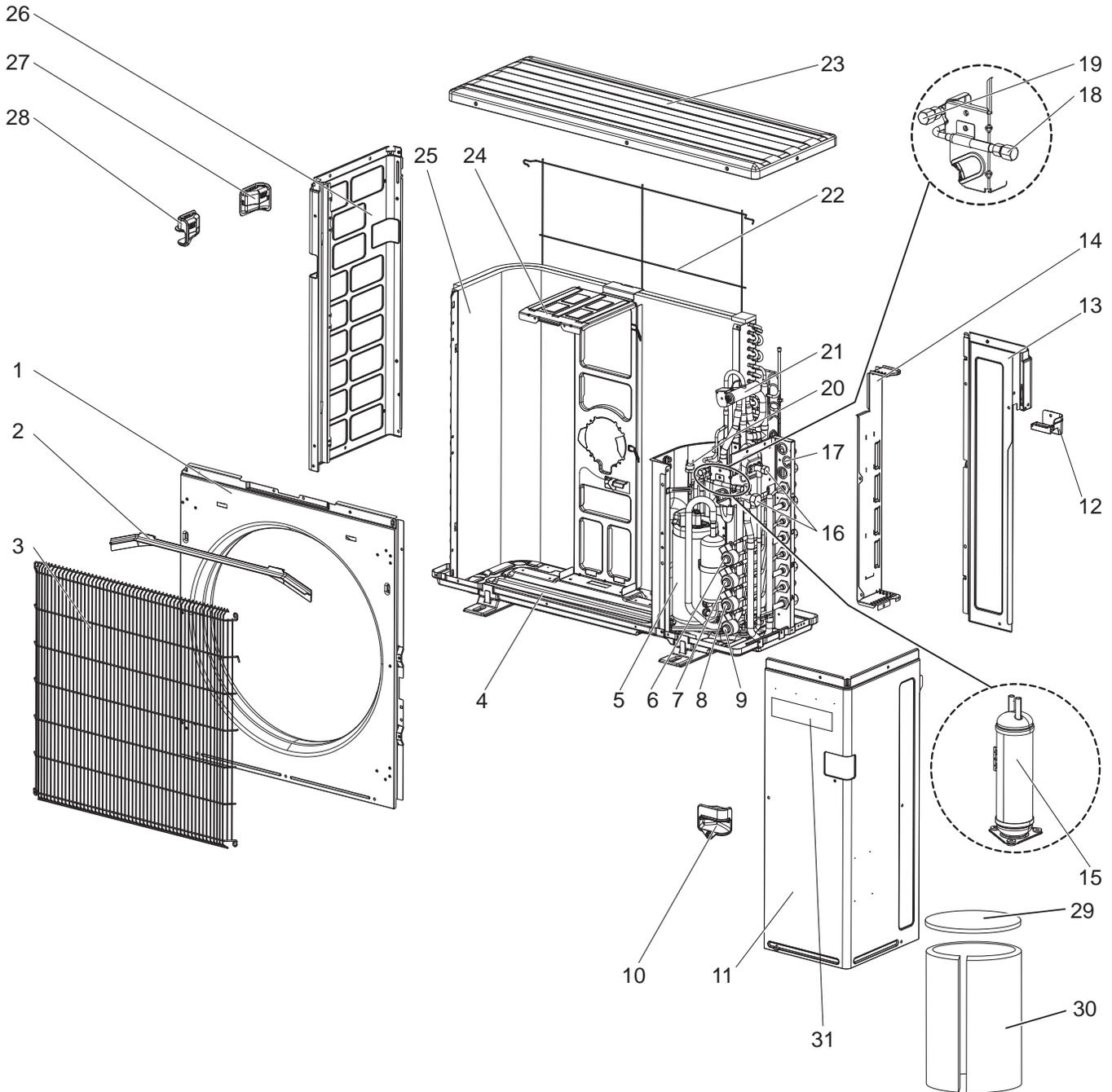
### 1-2. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS

No.	RoHS	Parts No.	Parts Name	Symbol in Wiring Diagram	Q'ty/unit	Remakes
					MXZ-2C20NA2-[U1]	
1	G	E12 851 501	PROPELLER FAN		1	
2	G	E12 01B 301	OUTDOOR FAN MOTOR	MF	1	RC0J77-□□
3	G	E12 01B 440	POWER BOARD		1	Including heat sink and RT64
4	G	E12 01B 450	OUTDOOR CONTROL P.C. BOARD		1	
5	G	E12 R51 337	REACTOR	L	1	20 A 600 μH
6	G	E12 C92 375	TERMINAL BLOCK	TB2-3	2	Indoor unit connecting
7	G	E12 01B 374	TERMINAL BLOCK	TB1	1	
8	G	E12 01B 490	R.V. COIL	21S4	1	
9	G	E12 T07 308	THERMISTOR SET	RT61, RT62, RT68	1	DEFROST, DISCHARGE OUTDOOR HEAT EXCHANGER
10	G	E12 T07 309	AMBIENT TEMPERATURE THERMISTOR	RT65	1	

# RoHS PARTS LIST (RoHS compliant)

MXZ-3C24NA MXZ-3C30NA MXZ-4C36NA  
MXZ-3C24NA2 MXZ-3C30NA2 MXZ-4C36NA2

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



# RoHS PARTS LIST (RoHS compliant)

**MXZ-3C24NA MXZ-3C30NA MXZ-4C36NA**

**MXZ-3C24NA2 MXZ-3C30NA2 MXZ-4C36NA2**

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

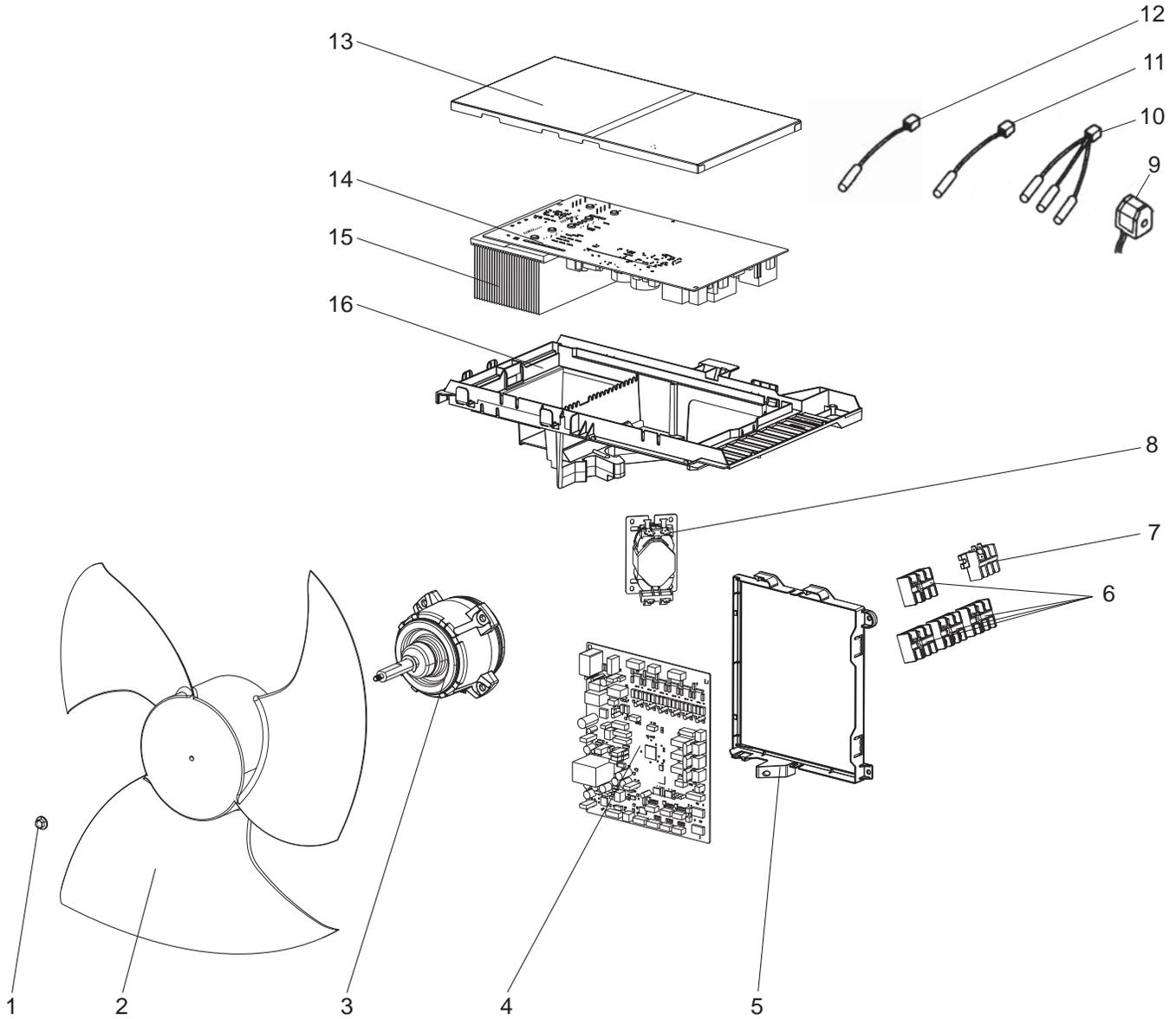
Part number that is circled is not shown in the illustration.

No.	RoHS	Part No.	Part Name	Symbol in Wiring Diagram	Q'ty/unit						Remarks
					MXZ-						
					3C24 NA	3C24 NA2 -U1	3C30 NA	3C30 NA2 -U1	4C36 NA	4C36 NA2 -U1	
1	G	T7W E21 668	FRONT PANEL		1		1		1		
	G	T7W E22 668				1		1		1	
2	G	R01 E02 631	ICE GUARD		1	1	1	1	1	1	
3	G	R01 E73 691	WIRE GRILLE		1	1	1	1	1	1	
4	G	T7W E24 686	BASE ASSEMBLY		1		1		1		
	G	T7W E25 686				1		1		1	
5	G	T97 419 607	COMPRESSOR	MC	1	1	1	1	1	1	SNB220FQGMC Including rubber mounts
6	G	T7W E59 401	EXPANSION VALVE ASSY						1	1	D room, Including union and capillary tube
	G	T7W E81 242	LEV COIL	LEV D					1	1	D room, Connector: YELLOW
7	G	T7W E58 401	EXPANSION VALVE ASSY		1	1	1	1	1	1	C room, Including union and capillary tube
	G	T7W E80 242	LEV COIL	LEV C	1	1	1	1	1	1	C room Connector: BLUE
8	G	T7W E57 401	EXPANSION VALVE ASSY		1	1	1	1	1	1	B room, Including union and capillary tube
	G	T7W E79 242	LEV COIL	LEV B	1	1	1	1	1	1	B room, Connector: RED
9	G	T7W E56 401	EXPANSION VALVE ASSY		1	1	1	1	1	1	A room, Including union and capillary tube
	G	T7W E78 242	LEV COIL	LEV A	1	1	1	1	1	1	A room, Connector: WHITE
10	G	T7W A02 655	HANDLE (R FRONT)		1	1	1	1	1	1	
11	G	T7W E23 667	SERVICE PANEL		1	1	1	1	1	1	
12	G	T7W A03 655	HANDLE (R REAR)		1	1	1	1	1	1	
13	G	T7W E11 682	REAR PANEL		1	1	1	1	1	1	
14	G	T7W E38 661	BACK PILLAR		1	1	1	1	1	1	
15	G	T7W E26 440	ACCUMULATOR		1		1		1		
	G	T7W E27 440				1		1		1	
16	G	T7W E06 410	STOP VALVE ASSY		1	1	1	1	1	1	Including both valves
17	G	T7W E07 617	CONDUIT PLATE SET		1	1	1	1	1	1	
18	G	R01 E13 413	SERVICE PORT		1	1	1	1	1	1	
19	G	R01 E12 413	SERVICE PORT		1	1	1	1	1	1	
20	G	T7W E11 208	HIGH PRESSURE SWITCH	HPS	1		1		1		4.8 MPa (48.9 kg/cm <sup>2</sup> )
	G	T7W E13 208				1		1		1	
21	G	T7W E06 403	4-WAY VALVE		1	1	1	1	1	1	
22	G	T7W E06 698	REAR GUARD		1	1	1	1	1	1	
23	G	T7W E14 641	TOP PANEL		1	1	1	1	1	1	
24	G	T7W E17 130	MOTOR SUPPORT		1	1	1	1	1	1	
25	G	T7W E75 408	OUTDOOR HEAT EXCHANGER		1	1	1	1	1	1	Including capillary tubes and distributor
26	G	T7W E11 662	SIDE PANEL (L)		1	1	1	1	1	1	
27	G	T7W A01 655	HANDLE (REAR)		1	1	1	1	1	1	
28	G	T7W A00 655	HANDLE (FRONT)		1	1	1	1	1	1	
29	G	T7W A01 602	COMPRESSOR FELT (TOP)		1	1	1	1	1	1	
30	G	T7W A00 602	COMPRESSOR FELT (BODY)		1	1	1	1	1	1	
31	G	T7W A01 005	BRAND LABEL		1	1	1	1	1	1	
32	G	T7W A00 508	DAMPER SET		1	1	1	1	1	1	2 PCS SET 95 x 250 T2 (mm)

# RoHS PARTS LIST (RoHS compliant)

MXZ-3C24NA MXZ-3C30NA MXZ-4C36NA  
MXZ-3C24NA2 MXZ-3C30NA2 MXZ-4C36NA2

## 1-2. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS



# RoHS PARTS LIST (RoHS compliant)

**MXZ-3C24NA MXZ-3C30NA MXZ-4C36NA**  
**MXZ-3C24NA2 MXZ-3C30NA2 MXZ-4C36NA2**

## 1-2. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS

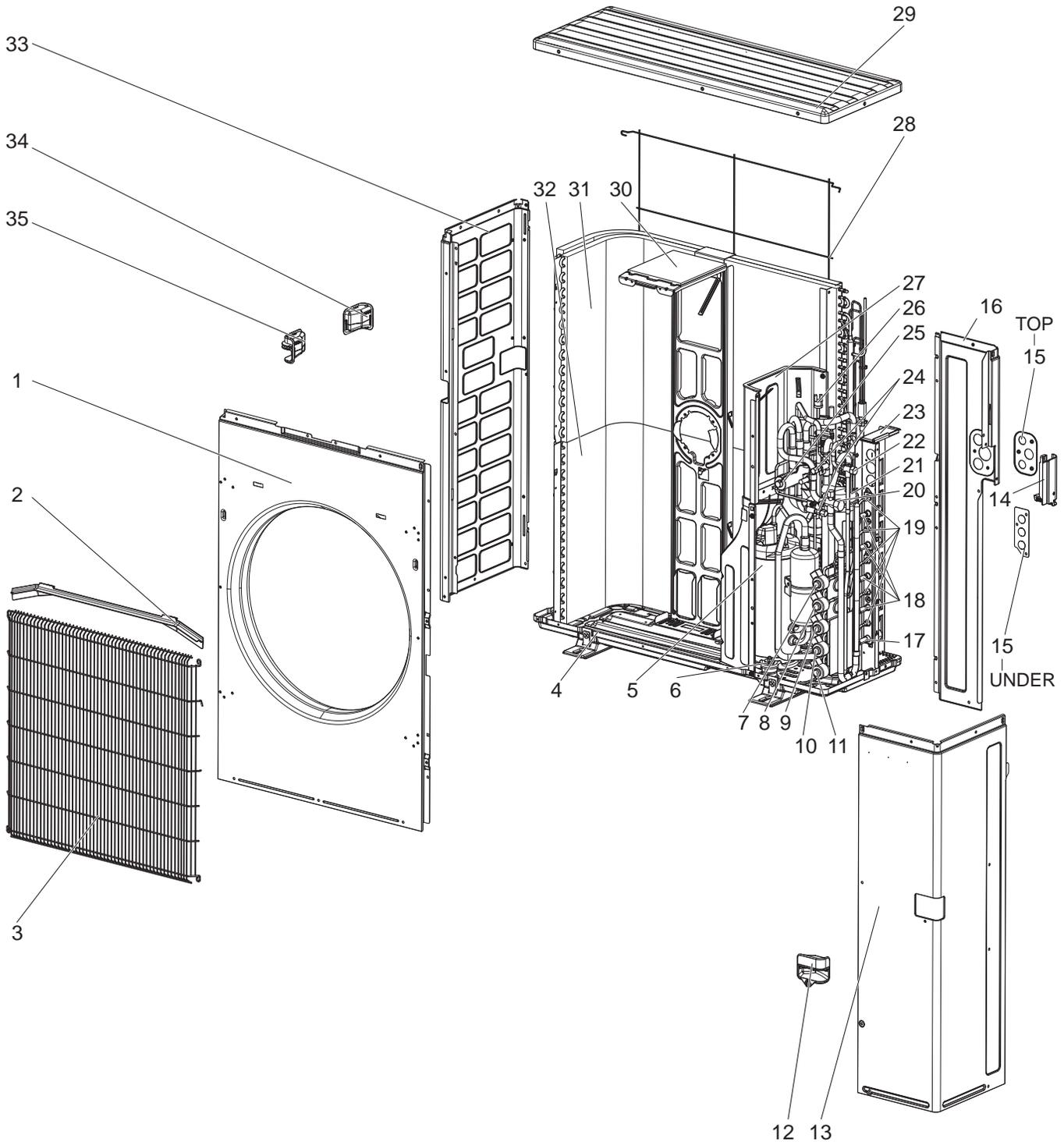
Part number that is circled is not shown in the illustration.

No.	RoHS	Part No.	Part Name	Symbol in Wiring Diagram	Q'ty/unit						Remarks
					MXZ-						
					3C24 NA	3C24 NA2 -U1	3C30 NA	3C30 NA2 -U1	4C36 NA	4C36 NA2 -U1	
1	G	R01 E09 097	PROPELLER FAN NUT		1	1	1	1	1	1	
2	G	T7W A00 115	PROPELLER FAN		1	1	1	1	1	1	
3	G	T7W A13 221	OUTDOOR FAN MOTOR	MF	1	1	1	1	1	1	
4	G	T7W GB1 315	OUTDOOR CONTROL P.C. BOARD		1						
	G	T7W GY0 315				1					
	G	T7W GC0 315					1				
	G	T7W GZ0 315						1			
	G	T7W GD1 315							1		
	G	T7W H00 315									1
5	G	T7W A02 327	CB HOLDER		1	1	1	1	1	1	
6	G	T7W E13 716	TERMINAL BLOCK	TB2,3,4,(5)	3	3	3	3	4	4	Indoor unit connecting 3P (S1,S2,S3)
7	G	T7W E63 716	TERMINAL BLOCK	TB1	1	1	1	1	1	1	Power supply 3P (L1,L2,GR)
8	G	T7W E25 259	REACTOR	L	1	1	1	1	1	1	
9	G	T7W E83 242	R.V. COIL	21S4	1	1	1	1	1	1	
10	G	T7W E71 202	THERMISTOR	RT61,62,68	1	1	1	1	1	1	DEFROST, DISCHARGE, OUTDOOR HEAT EXCHANGER
11	G	T7W E72 202	THERMISTOR	RT65	1	1	1	1	1	1	AMBIENT
12	G	R01 E99 202	THERMISTOR	RT64	1	1	1	1	1	1	FIN (HEAT SINK)
13	G	T7W A00 325	PB COVER		1	1	1	1	1	1	
14	G	T7W AE0 323	OUTDOOR POWER P.C. BOARD		1		1		1		
	G	T7W AW0 323				1		1		1	
15	G	T7W A03 371	HEAT SINK		1	1	1	1	1	1	
16	G	T7W A00 327	PB HOLDER		1	1	1	1	1	1	
⑰	G	T7W A00 510	COMPRESSOR LEAD ASSY SET		1	1	1	1	1	1	

# RoHS PARTS LIST (RoHS compliant)

MXZ-5C42NA MXZ-5C42NA2

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



# RoHS PARTS LIST (RoHS compliant)

## MXZ-5C42NA MXZ-5C42NA2

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

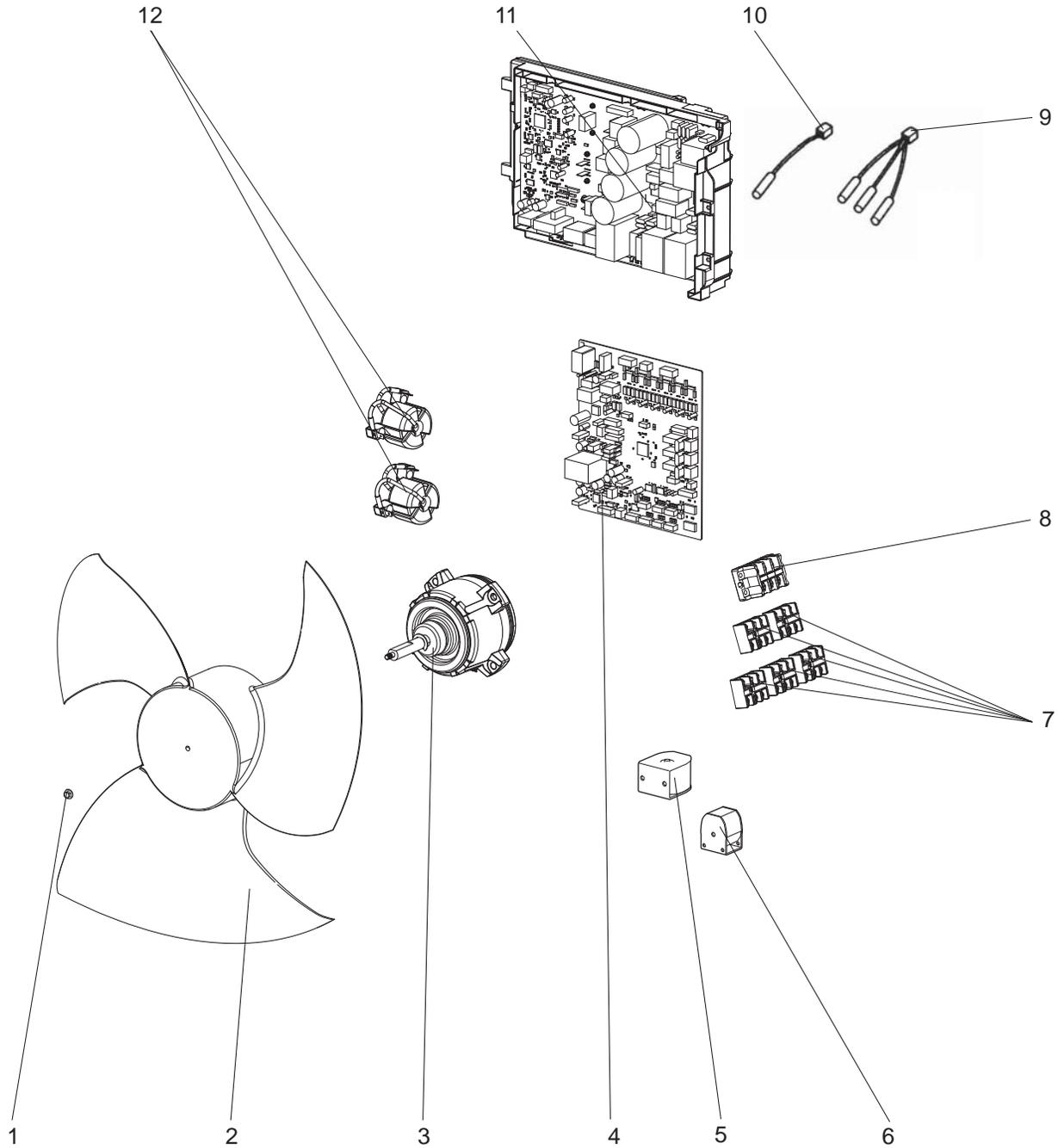
Part numbers that are circled are not shown in the illustration.

No.	ROHS	Part No.	Part Name	Symbol In Wiring Diagram	Q'ty/unit		Remarks
					MXZ-		
					5C42NA	5C42NA2 -U1	
1	G	E12 N99 232	FRONT PANEL		1	1	
2	G	E17 A15 531	ICE GUARD		1	1	
3	G	E17 942 521	GRILLE		1	1	
4	G	E12 N99 290	BASE ASSEMBLY		1	1	
5	G	E12 N99 900	COMPRESSOR	MC	1	1	MNB33FBTMC-L
6	G	E12 267 506	COMPRESSOR RUBBER SET		3	3	3 RUBBERS SET
7	G	E12 N99 640	EXPANSION VALVE		1	1	E room
	G	E12 P64 493	LEV COIL	LEV E	1	1	E room
8	G	E12 N99 640	EXPANSION VALVE		1	1	D room
	G	E12 P63 493	LEV COIL	LEV D	1	1	D room
9	G	E12 N99 640	EXPANSION VALVE		1	1	C room
	G	E12 P02 493	LEV COIL	LEV C	1	1	C room
10	G	E12 N99 640	EXPANSION VALVE		1	1	B room
	G	E12 P01 493	LEV COIL	LEV B	1	1	B room
11	G	E12 N99 640	EXPANSION VALVE		1	1	A room
	G	E12 N99 493	LEV COIL	LEV A	1	1	A room
12	G	E12 P01 009	HANDLE		1	1	
13	G	E12 N99 245	SERVICE PANEL		1	1	Without LABEL
14	G	E12 N99 009	HANDLE (BACK)		1	1	
	G	E12 N99 978	CONDUIT PLATE (TOP)		1	1	
15	G	E12 P01 978	CONDUIT PLATE (UNDER)		1	1	
16	G	E12 N99 233	BACK PANEL		1	1	
17	G	E12 D37 666	UNION (GAS) (ø12.7)		1	1	ø1/2, A room
18	G	E12 D36 666	UNION (GAS) (ø9.52)		4	4	ø3/8, B, C, D, E room
19	G	E12 D36 667	UNION (LIQUID) (ø6.35)		5	5	ø1/4, A, B, C, D, E room
20	G	E12 N99 661	STOP VALVE (GAS) (ø15.88)		1	1	ø5/8
21	G	E12 N99 932	ACCUMULATOR		1	1	
22	G	E12 N99 662	STOP VALVE (LIQUID) (ø9.52)		1	1	ø3/8
23	G	E12 P64 814	BACK PILLAR		1	1	
24	G	E12 N99 641	SERVICE PORT		2	2	
25	G	E12 N99 961	4-WAY VALVE		1	1	
26	G	E12 853 646	HIGH PRESSURE SWITCH	HPS	1		4.8 MPa (48.9 kg/cm <sup>2</sup> )
	G	E12 W66 646				1	4.41 MPa (45.0 kg/cm <sup>2</sup> )
27	G	E12 N99 293	SEPARATOR		1	1	
28	G	E12 N99 523	REAR GUARD		1	1	
29	G	E12 N99 297	TOP PANEL		1	1	
30	G	E12 P64 515	MOTOR SUPPORT		1	1	
31	G	E12 N99 630	OUTDOOR HEAT EXCHANGER (TOP)		1	1	Including capillary tubes
32	G	E12 P01 630	OUTDOOR HEAT EXCHANGER (UNDER)		1	1	Including capillary tubes
33	G	E12 N99 086	SIDE PANEL-L		1	1	
34	G	E17 943 009	HANDLE (REAR)		1	1	
35	G	E17 942 009	HANDLE (FRONT)		1	1	
36	G	E12 N99 492	2-WAY SOLENOID VALVE		1	1	
37	G	E12 939 936	CAPILLARY TUBE (ø4.0 x ø2.8 x 100)		5	5	O.D. 0.16 x I.D. 0.11 x 3.94
38	G	E12 820 936	CAPILLARY TUBE (ø2.5 x ø0.6 x 1000)		1	1	O.D. 0.10 x I.D. 0.02 x 39.37

# RoHS PARTS LIST (RoHS compliant)

MXZ-5C42NA MXZ-5C42NA2

## 1-4. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS



# RoHS PARTS LIST (RoHS compliant)

**MXZ-5C42NA MXZ-5C42NA2**

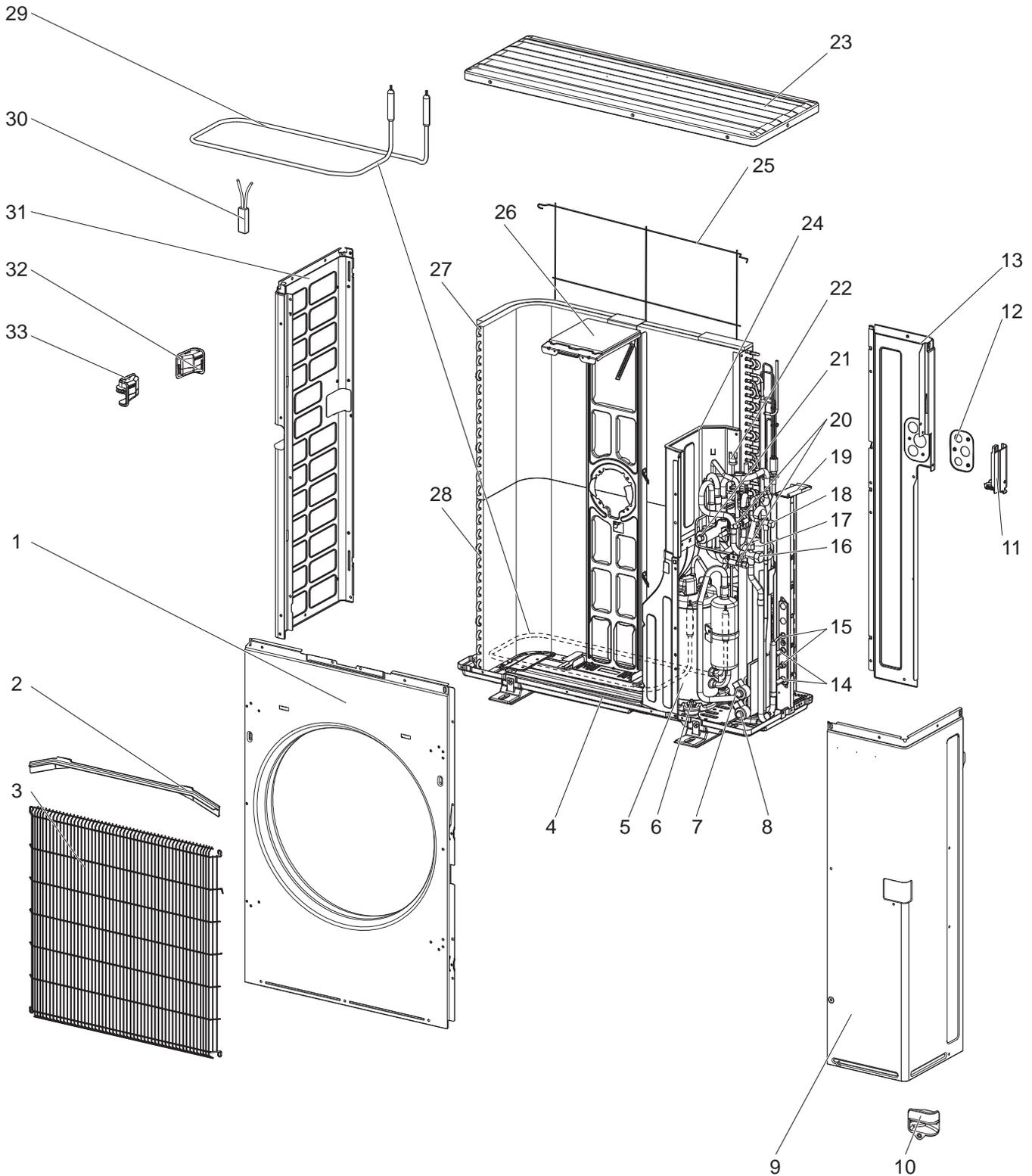
## 1-4. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS

No.	RoHS	Part No.	Part Name	Symbol In Wiring Diagram	Q'ty/unit		Remarks	
					MXZ-			
					5C42NA	5C42NA2		
1	G	E17 A15 508	PROPELLER FAN NUT		1	1		
2	G	E12 N99 501	PROPELLER FAN		1	1		
3	G	E12 N99 301	OUTDOOR FAN MOTOR	MF	1		SIC-81FW-D888-□	
	G	E12 W66 301				1	SIC-88FWJ-D888-□	
4	G	E12 P64 450	OUTDOOR CONTROL P.C. BOARD		1			
	G	E12 W69 450				1		
5	G	E12 P01 490	2-WAY VALVE SOLENOID COIL	21S2	1	1		
6	G	E12 N99 490	R.V. COIL	21S4	1	1		
7	G	E12 C92 375	TERMINAL BLOCK	TB2,3,4,5,6	5	5	Indoor unit connecting	
8	G	E12 N99 374	TERMINAL BLOCK	TB1	1	1	Power supply	
9	G	E12 N99 308	THERMISTOR SET	RT61,62,68	1	1	DEFROST, DISCHARGE, OUTDOOR HEAT EXCHANGER	
10	G	E12 N99 309	AMBIENT TEMPERATURE THERMISTOR	RT65	1	1		
11	G	E12 N99 440	OUTDOOR POWER P.C. BOARD		1		Including heat sink and RT64	
	G	E12 R55 440				1		
12	G	E12 N99 337	REACTOR	L1,L2	2	2	30A 750μH	

# RoHS PARTS LIST (RoHS compliant)

MXZ-2C20NAHZ MXZ-2C20NAHZ2

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



# RoHS PARTS LIST (RoHS compliant)

## MXZ-2C20NAHZ MXZ-2C20NAHZ2

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

Part numbers that are circled are not shown in the illustration.

No.	ROHS	Part No.	Part Name	Symbol In Wiring Diagram	Q'ty/unit		Remarks
					MXZ-		
					2C20NAHZ	2C20NAHZ2 -U1	
1	G	E12 N99 232	FRONT PANEL		1	1	
2	G	E17 A15 531	ICE GUARD		1	1	
3	G	E17 942 521	GRILLE		1	1	
4	G	E12 N99 290	BASE ASSEMBLY		1	1	
5	G	E12 N99 900	COMPRESSOR	MC	1	1	MNB33FBTMC-L
6	G	E12 267 506	COMPRESSOR RUBBER SET		3	3	3 RUBBERS SET
7	G	E12 N99 640	EXPANSION VALVE		1	1	B room
	G	E12 P01 493	LEV COIL	LEV B	1	1	B room
8	G	E12 N99 640	EXPANSION VALVE		1	1	A room
	G	E12 N99 493	LEV COIL	LEV A	1	1	A room
9	G	E12 N99 245	SERVICE PANEL		1	1	
10	G	E12 P01 009	HANDLE		1	1	
11	G	E12 N99 009	HANDLE (BACK)		1	1	
12	G	E12 N99 978	CONDUIT PLATE		1	1	
13	G	E12 N99 233	BACK PANEL		1	1	
14	G	E12 D36 666	UNION (GAS) (ø9.52)		2	2	ø3/8, A, B room
15	G	E12 D36 667	UNION (LIQUID) (ø6.35)		2	2	ø1/4, A, B room
16	G	E12 N99 661	STOP VALVE (GAS) (ø15.88)		1	1	ø5/8
17	G	E12 N99 932	ACCUMULATOR		1	1	
18	G	E12 N99 662	STOP VALVE (LIQUID) (ø9.52)		1	1	ø3/8
19	G	E12 N99 814	BACK PILLAR		1	1	
20	G	E12 N99 641	SERVICE PORT		2	2	
21	G	E12 N99 961	4-WAY VALVE		1	1	
22	G	E12 853 646	HIGH PRESSURE SWITCH	HPS	1		4.8 MPa (48.9 kg/cm <sup>2</sup> )
	G	E12 W66 646				1	4.41 MPa (45.0 kg/cm <sup>2</sup> )
23	G	E12 N99 297	TOP PANEL		1	1	
24	G	E12 N99 293	SEPARATOR		1	1	
25	G	E12 N99 523	REAR GUARD		1	1	
26	G	E12 N99 515	MOTOR SUPPORT		1	1	
27	G	E12 N99 630	OUTDOOR HEAT EXCHANGER (TOP)		1	1	Including capillary tubes
28	G	E12 P01 630	OUTDOOR HEAT EXCHANGER (UNDER)		1	1	Including capillary tubes
29	G	E12 N99 526	DEFROST HEATER	H	1	1	
30	G	E12 N99 381	HEATER PROTECTOR	26H	1	1	
31	G	E12 N99 086	SIDE PANEL (L)		1	1	
32	G	E17 943 009	HANDLE (REAR)		1	1	
33	G	E17 942 009	HANDLE (FRONT)		1	1	
34	G	E12 N99 492	2-WAY SOLENOID VALVE		1	1	
35	G	E12 939 936	CAPILLARY TUBE (ø4.0 x ø2.8 x 100)		2	2	O.D. 0.16 x I.D. 0.11 x 3.94
36	G	E12 820 936	CAPILLARY TUBE (ø2.5 x ø0.6 x 1000)		1	1	O.D. 0.10 x I.D. 0.02 x 39.37

# RoHS PARTS LIST (RoHS compliant)

MXZ-2C20NAHZ MXZ-2C20NAHZ2

## 1-6. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS



# RoHS PARTS LIST (RoHS compliant)

**MXZ-2C20NAHZ MXZ-2C20NAHZ2**

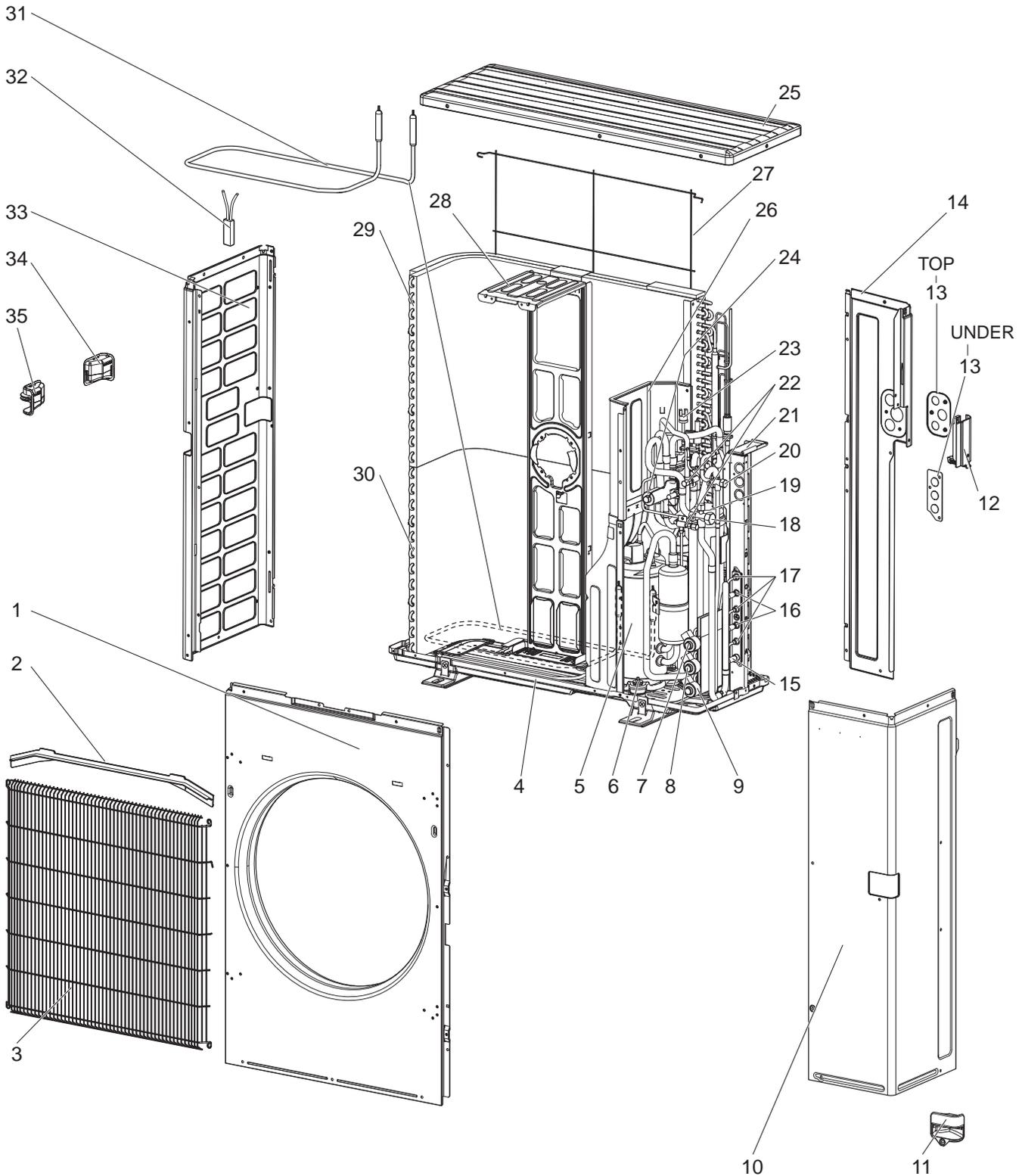
## 1-6. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS

No.	RoHS	Part No.	Part Name	Symbol In Wiring Diagram	Q'ty/unit		Remarks
					MXZ-		
					2C20NAHZ	2C20NAHZ2 -U1	
1	G	E17 A15 508	PROPELLER FAN NUT		1	1	
2	G	E12 N99 501	PROPELLER FAN		1	1	
3	G	E12 N99 301	OUTDOOR FAN MOTOR	MF	1		SIC-81FW-D888-□
	G	E12 W66 301				1	SIC-88FWJ-D888-□
4	G	E12 N99 450	OUTDOOR CONTROL P.C. BOARD		1		
	G	E12 W66 450				1	
5	G	E12 P01 490	2-WAY VALVE SOLENOID COIL	21S2	1	1	
6	G	E12 N99 490	R.V. COIL	21S4	1	1	
7	G	E12 C92 375	TERMINAL BLOCK	TB2,3	2	2	Indoor unit connecting
8	G	E12 N99 374	TERMINAL BLOCK	TB1	1	1	Power supply
9	G	E12 N99 308	THERMISTOR SET	RT61,62,68	1	1	DEFROST, DISCHARGE, OUTDOOR HEAT EXCHANGER
10	G	E12 N99 309	AMBIENT TEMPERATURE THERMISTOR	RT65	1	1	
11	G	E12 N99 440	OUTDOOR POWER P.C. BOARD		1		Including heat sink and RT64
	G	E12 R55 440				1	
12	G	E12 N99 337	REACTOR	L1,L2	2	2	30A 750μH

# RoHS PARTS LIST (RoHS compliant)

MXZ-3C24NAHZ MXZ-3C30NAHZ  
 MXZ-3C24NAHZ2 MXZ-3C30NAHZ2

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



# RoHS PARTS LIST (RoHS compliant)

**MXZ-3C24NAHZ    MXZ-3C30NAHZ**  
**MXZ-3C24NAHZ2    MXZ-3C30NAHZ2**

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

Part numbers that are circled are not shown in the illustration.

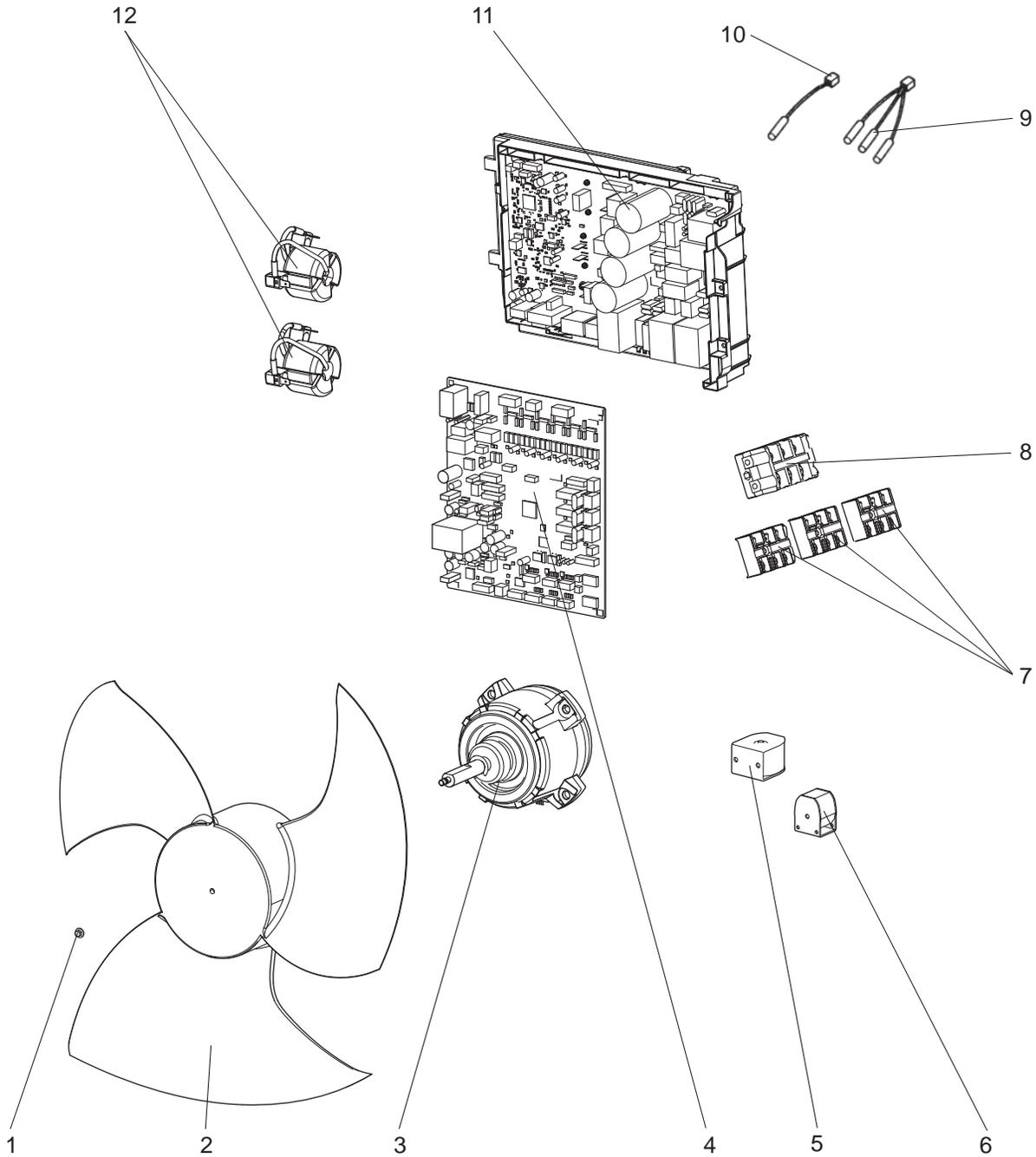
No.	RoHS	Part No.	Part Name	Symbol In Wiring Diagram	Q'ty/unit				Remarks
					MXZ-				
					3C24NAHZ	3C24NAHZ2 -U1	3C30NAHZ	3C30NAHZ2 -U1	
1	G	E12 N99 232	FRONT PANEL		1	1	1	1	
2	G	E17 A15 531	ICE GUARD		1	1	1	1	
3	G	E17 942 521	GRILLE		1	1	1	1	
4	G	E12 N99 290	BASE ASSEMBLY		1	1	1	1	
5	G	E12 N99 900	COMPRESSOR	MC	1	1	1	1	MNB33FBTMC-L
6	G	E12 267 506	COMPRESSOR RUBBER SET		3	3	3	3	3 RUBBERS SET
7	G	E12 N99 640	EXPANSION VALVE		1	1	1	1	C room
	G	E12 P02 493	LEV COIL	LEV C	1	1	1	1	C room
8	G	E12 N99 640	EXPANSION VALVE		1	1	1	1	B room
	G	E12 P01 493	LEV COIL	LEV B	1	1	1	1	B room
9	G	E12 N99 640	EXPANSION VALVE		1	1	1	1	A room
	G	E12 N99 493	LEV COIL	LEV A	1	1	1	1	A room
10	G	E12 N99 245	SERVICE PANEL		1	1	1	1	Without LABEL
11	G	E12 P01 009	HANDLE		1	1	1	1	
12	G	E12 N99 009	HANDLE (BACK)		1	1	1	1	
13	G	E12 N99 978	CONDUIT PLATE (TOP)		1	1	1	1	
	G	E12 P01 978	CONDUIT PLATE (UNDER)		1	1	1	1	
14	G	E12 N99 233	BACK PANEL		1	1	1	1	
15	G	E12 D37 666	UNION (GAS) (ø12.7)		1	1	1	1	ø1/2, A room
16	G	E12 D36 666	UNION (GAS) (ø9.52)		2	2	2	2	ø3/8, B, C room
17	G	E12 D36 667	UNION (LIQUID) (ø6.35)		3	3	3	3	ø1/4, A, B, C room
18	G	E12 N99 661	STOP VALVE (GAS) (ø15.88)		1	1	1	1	ø5/8
19	G	E12 N99 932	ACCUMULATOR		1	1	1	1	
20	G	E12 N99 662	STOP VALVE (LIQUID) (ø9.52)		1	1	1	1	ø3/8
21	G	E12 P01 814	BACK PILLAR		1	1	1	1	
22	G	E12 N99 641	SERVICE PORT		2	2	2	2	
23	G	E12 853 646	HIGH PRESSURE SWITCH	HPS	1		1		4.8 MPa (48.9 kg/cm <sup>2</sup> )
	G	E12 W66 646				1		1	
24	G	E12 N99 961	4-WAY VALVE		1	1	1	1	
25	G	E12 N99 297	TOP PANEL		1	1	1	1	Without LABEL
26	G	E12 N99 293	SEPARATOR		1	1	1	1	
27	G	E12 N99 523	REAR GUARD		1	1	1	1	
28	G	E12 N99 515	MOTOR SUPPORT		1	1	1	1	
29	G	E12 N99 630	OUTDOOR HEAT EXCHANGER (TOP)		1	1	1	1	Including capillary tubes
30	G	E12 P01 630	OUTDOOR HEAT EXCHANGER (UNDER)		1	1	1	1	Including capillary tubes
31	G	E12 N99 526	DEFROST HEATER	H	1	1	1	1	
32	G	E12 N99 381	HEATER PROTECTOR	26H	1	1	1	1	
33	G	E12 N99 086	SIDE PANEL (L)		1	1	1	1	
34	G	E17 943 009	HANDLE (REAR)		1	1	1	1	
35	G	E17 942 009	HANDLE (FRONT)		1	1	1	1	
36	G	E12 N99 492	2-WAY SOLENOID VALVE		1	1	1	1	
37	G	E12 939 936	CAPILLARY TUBE (ø4.0 x ø2.8 x 100)		3	3	3	3	O.D. 0.16 x I.D. 0.11 x 3.94
38	G	E12 820 936	CAPILLARY TUBE (ø2.5 x ø0.6 x 1000)		1	1	1	1	O.D. 0.10 x I.D. 0.02 x 39.37

# RoHS PARTS LIST (RoHS compliant)

MXZ-3C24NAHZ MXZ-3C30NAHZ

MXZ-3C24NAHZ2 MXZ-3C30NAHZ2

## 1-8. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS



# RoHS PARTS LIST (RoHS compliant)

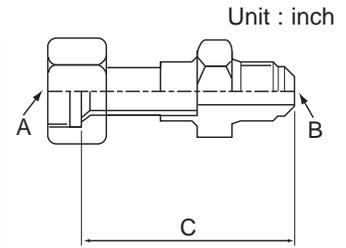
**MXZ-3C24NAHZ MXZ-3C30NAHZ  
MXZ-3C24NAHZ2 MXZ-3C30NAHZ2**

## 1-8. OUTDOOR UNIT FUNCTIONAL PARTS AND ELECTRICAL PARTS

No.	RoHS	Part No.	Part Name	Symbol In Wiring Diagram	Q'ty/unit				Remarks
					MXZ-				
					3C24NAHZ	3C24NAHZ2 -U1	3C30NAHZ	3C30NAHZ2 -U1	
1	G	E17 A15 508	PROPELLER FAN NUT		1	1	1	1	
2	G	E12 N99 501	PROPELLER FAN		1	1	1	1	
3	G	E12 N99 301	OUTDOOR FAN MOTOR	MF	1		1		SIC-81FW-D888-□
	G	E12 W66 301				1		1	SIC-88FWJ-D888-□
4	G	E12 P01 450	OUTDOOR CONTROL P.C. BOARD		1				
	G	E12 W67 450				1			
	G	E12 P02 450					1		
	G	E12 W68 450						1	
5	G	E12 P01 490	2-WAY VALVE SOLENOID COIL	21S2	1	1	1	1	
6	G	E12 N99 490	R.V. COIL	21S4	1	1	1	1	
7	G	E12 C92 375	TERMINAL BLOCK	TB2,3,4	3	3	3	3	Indoor unit connecting
8	G	E12 N99 374	TERMINAL BLOCK	TB1	1	1	1	1	Power supply
9	G	E12 N99 308	THERMISTOR SET	RT61,62,68	1	1	1	1	DEFROST, DISCHARGE, OUTDOOR HEAT EXCHANGER
10	G	E12 N99 309	AMBIENT TEMPERATURE THERMISTOR	RT65	1	1	1	1	
11	G	E12 N99 440	OUTDOOR POWER P.C. BOARD		1		1		Including heat sink and RT64
	G	E12 R55 440				1		1	
12	G	E12 N99 337	REACTOR	L1,L2	2	2	2	2	30A 750μH

## 2-1. DIFFERENT-DIAMETER PIPE

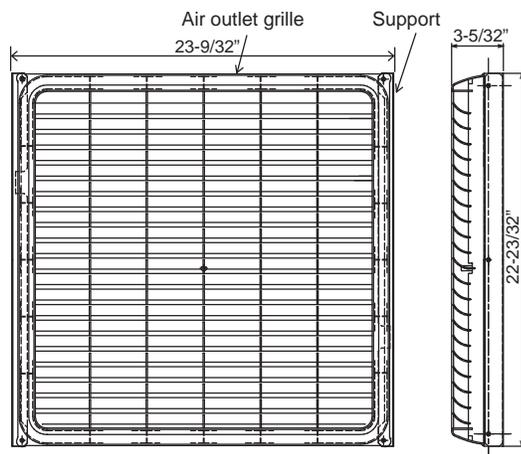
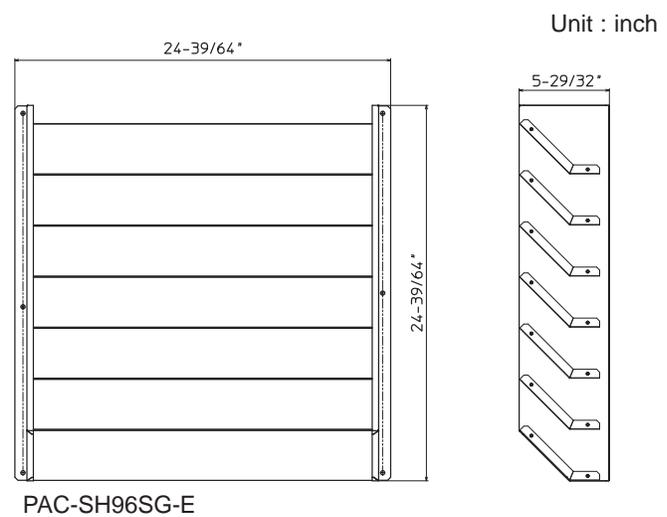
Applied unit	Model name	Connected pipes diameter	Diameter A	Diameter B	Length C
MXZ-3C24NA MXZ-3C30NA MXZ-4C36NA MXZ-5C42NA	MAC-A454JP-E	ø3/8 — ø1/2	ø3/8	ø1/2	2.72
MXZ-2C20NAHZ MXZ-3C24NAHZ MXZ-3C30NAHZ	MAC-A455JP-E	ø1/2 — ø3/8	ø1/2	ø3/8	2.56
MXZ-2C20NA2 MXZ-3C24NA2 MXZ-3C30NA2	MAC-A456JP-E	ø1/2 — ø5/8	ø1/2	ø5/8	2.62
MXZ-4C36NA2 MXZ-5C42NA2	PAC-493PI	ø1/4 — ø3/8	ø1/4	ø3/8	2.38
MXZ-2C20NAHZ2 MXZ-3C24NAHZ2 MXZ-3C30NAHZ2	PAC-SG76RJ-E	ø3/8 — ø5/8	ø3/8	ø5/8	4.00



## 2-2. OUTLET GUIDE

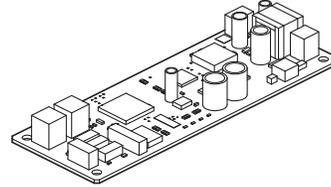
Changes air discharge direction.

Applied unit	Model name	Model code
MXZ-3C24NA MXZ-3C30NA MXZ-4C36NA MXZ-5C42NA MXZ-2C20NAHZ MXZ-3C24NAHZ MXZ-3C30NAHZ MXZ-3C24NA2 MXZ-3C30NA2 MXZ-4C36NA2 MXZ-5C42NA2 MXZ-2C20NAHZ2 MXZ-3C24NAHZ2 MXZ-3C30NAHZ2	PAC-SH96SG-E	7H2N19
MXZ-2C20NA2	MAC-856SG	51H856



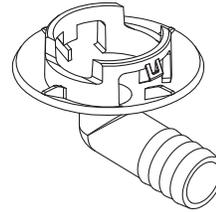
### 2-3. M-NET ADAPTER

Applied unit	Model name	Model code
MXZ-3C24NA MXZ-3C30NA MXZ-4C36NA MXZ-5C42NA MXZ-2C20NAHZ MXZ-3C24NAHZ MXZ-3C30NAHZ MXZ-2C20NA2 MXZ-3C24NA2 MXZ-3C30NA2 MXZ-4C36NA2 MXZ-5C42NA2 MXZ-2C20NAHZ2 MXZ-3C24NAHZ2 MXZ-3C30NAHZ2	PAC-IF01MNT-E	7H2N34



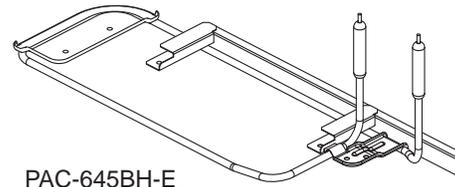
### 2-4. DRAIN SOCKET

Applied unit	Model name	Model code
MXZ-3C24NA MXZ-3C30NA MXZ-4C36NA MXZ-5C42NA MXZ-3C24NA2 MXZ-3C30NA2 MXZ-4C36NA2 MXZ-5C42NA2	PAC-SG60DS-E	7H2N24

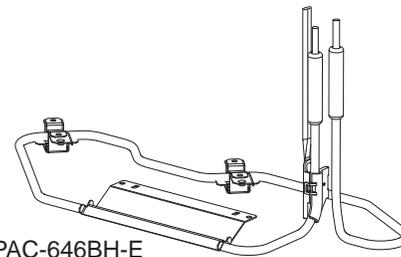


### 2-5. BASE HEATER

Applied unit	Model name	Model code
MXZ-3C24NA MXZ-3C30NA MXZ-4C36NA MXZ-5C42NA MXZ-3C24NA2 MXZ-3C30NA2 MXZ-4C36NA2 MXZ-5C42NA2	PAC-645BH-E	7H2590
MXZ-2C20NA2	PAC-646BH-E	7H2593



PAC-645BH-E



PAC-646BH-E

#### Components

① Base heater	1	④ Base heater support (2)	1	⑦ Cable tie	2
② Heater guard	1	⑤ Clamp	1	⑧ Fastener	2
③ Base heater support (1)	1	⑥ Screw	8	⑨ Spec label	1

# **MITSUBISHI ELECTRIC CORPORATION**

HEAD OFFICE: TOKYO BUILDING, 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

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