

Revision A:

• MUZ-GX09/12/15NL-,
MUZ-GX09/12/15NLHZ- and
MUY-GX09/12/15NL- have been
added.

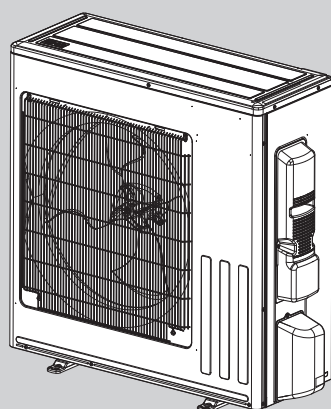
OBB951 is void.

OUTDOOR UNIT

PARTS CATALOG



No. OBB951
REVISED EDITION-A

Models
MUZ-GX09NL -
MUZ-GX12NL -
MUZ-GX15NL -
MUZ-GX18NL -
MUZ-GX24NL -
MUZ-GX30NL -
MUZ-GX36NL -
MUZ-GX09NLHZ -
MUZ-GX12NLHZ -
MUZ-GX15NLHZ -
MUZ-GX18NLHZ -
MUZ-GX24NLHZ -
MUY-GX09NL -
MUY-GX12NL -
MUY-GX15NL -
MUY-GX18NL -
MUY-GX24NL -
MUY-GX30NL -
MUY-GX36NL -

MUZ-GX18NL
MUZ-GX24NL
MUZ-GX30NL
MUZ-GX36NL
MUZ-GX18NLHZ
MUZ-GX24NLHZ
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MUY-GX30NL
MUY-GX36NL
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SERVICE MANUAL (OBH951)

Revision A:

• MUZ-GX09/12/15NL - [U1], MUZ-GX09/12/15NLHZ - [U1] and MUY-GX09/12/15NL - [U1] have been added.

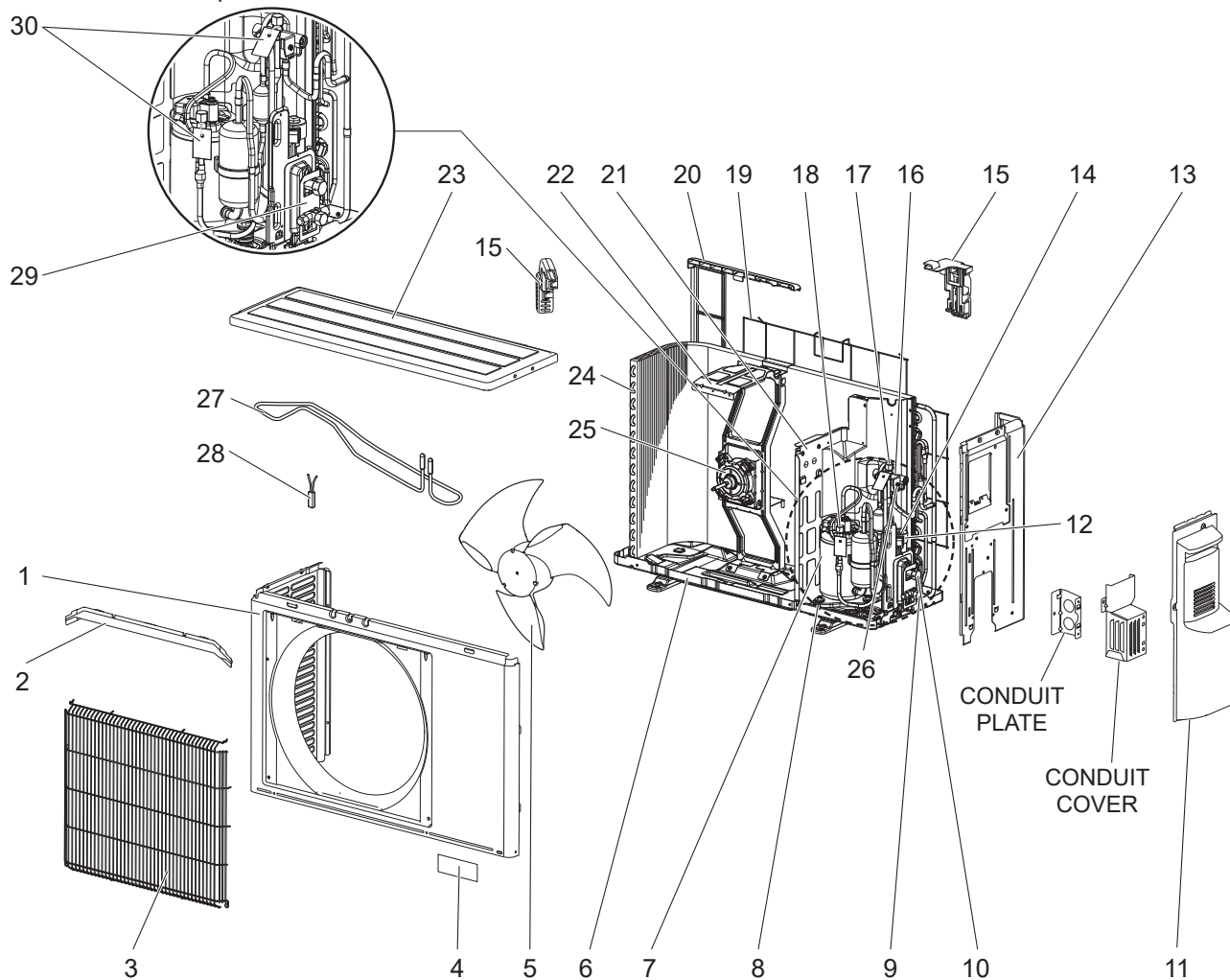
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SERVICE PARTS LIST

MUZ-GX09NL MUZ-GX12NL MUZ-GX15NL
MUZ-GX09NLHZ MUZ-GX12NLHZ MUZ-GX15NLHZ
MUY-GX09NL MUY-GX12NL MUY-GX15NL

1-1. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

NOTE: Always attach the red labels to the specified locations.



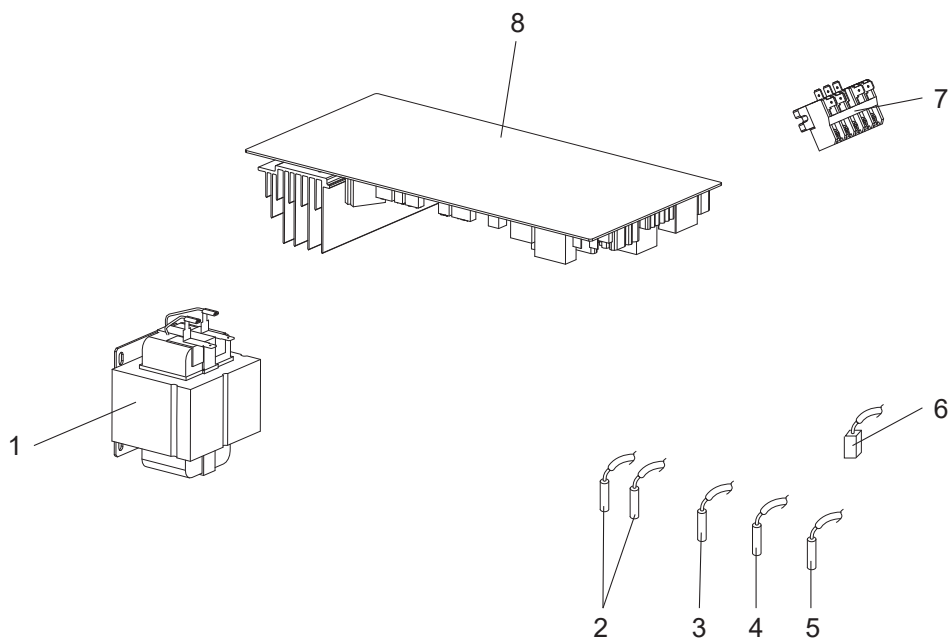
1-1. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

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	MUZ-GX09NL-U1	MUZ-GX09NLHZ-U1	MUY-GX09NL-U1	MUZ-GX12NL-U1	MUZ-GX12NLHZ-U1	MUY-GX12NL-U1	MUZ-GX15NL-U1	MUZ-GX15NLHZ-U1	MUY-GX15NL-U1	Symbol in Wiring Diagram	Remarks
1	U01 A06 232	CABINET	1	1	1	1	1	1	1	1	1		
2	U01 A01 531	ICE GUARD	1	1	1	1	1	1	1	1	1		
3	U01 A03 521	GRILLE (OUT)	1	1	1	1	1	1	1	1	1		
4	U01 M01 987	LOGO LABEL (MITSUBISHI)	1	1	1	1	1	1	1	1	1		
5	U01 A01 501	PROPELLER FAN	1	1	1	1	1	1	1	1	1		
6	U01 A02 290	BASE	1		1	1		1	1		1		
6	U01 A01 290	BASE		1			1			1			
7	U01 A16 900	COMPRESSOR (SRB092FQFMC)	1	1	1	1		1				MC	SRB092FQFMC
7	U01 A17 900	COMPRESSOR (SRB140FQHMC)					1		1	1	1	MC	SRB140FQHMC
8	U01 A01 506	COMPRESSOR RUBBER SET	3	3	3	3	3	3	3	3	3		3 RUBBERS/SET
9	U01 A10 661	STOP VALVE (GAS)	1	1	1	1	1	1					ø3/8 (ø9.52)
9	U01 A11 661	STOP VALVE (GAS)							1	1	1		ø1/2 (ø12.7)
10	U01 A12 661	STOP VALVE (LIQUID)	1	1	1	1	1	1	1	1	1		ø1/4 (ø6.35)
11	U01 A03 245	SERVICE PANEL	1	1	1	1	1	1	1	1	1		
12	U01 A08 493	EXPANSION VALVE COIL	1	1	1	1	1	1	1	1	1	LEV	
13	U01 A01 233	BACK PANEL	1	1	1	1	1	1	1	1	1		
14	U01 A07 401	EXPANSION VALVE	1	1	1	1		1					
14	U01 A08 401	EXPANSION VALVE					1		1	1	1		
15	U01 A02 079	THERMO HOLDER	1		1	1		1	1		1		for RT65
15	U01 A01 079	THERMO HOLDER		1			1			1			for RT65
16	U01 A07 961	4-WAY VALVE	1	1	1	1		1					
16	U01 A06 961	4-WAY VALVE					1		1	1	1		
17	U01 A01 641	SERVICE PORT (L)	1	1	1	1	1	1	1	1	1		Suction pipe
18	U01 A02 641	SERVICE PORT (H)	1	1	1	1	1	1	1	1	1		Discharge pipe
19	U01 A01 525	CONDENSER WIRE NET	1	1	1	1	1	1	1	1	1		
20	U01 A01 523	CONDENSER NET	1	1	1	1	1	1	1	1	1		
21	U01 A10 293	SEPARATOR	1		1	1		1	1		1		
21	U01 A11 293	SEPARATOR		1			1			1			
22	U01 A01 515	MOTOR SUPPORT	1	1	1	1	1	1	1	1	1		
23	U01 A01 297	TOP PANEL	1	1	1	1	1	1	1	1	1		
24	U01 A10 630	OUTDOOR HEAT EXCHANGER	1	1	1	1	1	1	1	1	1		
25	U01 A03 301	OUTDOOR FAN MOTOR	1		1	1		1	1		1	MF	
25	U01 A06 301	OUTDOOR FAN MOTOR		1			1			1		MF	
26	U01 A03 490	R.V. COIL	1	1		1	1		1	1		21S4	
27	U01 A06 526	DEFROST HEATER		1			1			1		H	Includes lead wire
28	U01 A01 381	HEATER PROTECTOR		1			1			1		26H	
29	U01 010 987	RED LABEL	1	1	1	1	1	1	1	1	1		FOR STOP VALVE
30	U01 011 987	RED LABEL	2	2	2	2	2	2	2	2	2		FOR SERVICE PORT
③1	U01 A02 936	CAPILLARY TUBE	1	1	1	1	1	1	1	1	1		O.D. 0.157 × I.D. 0.094 × 9-7/16 (ø4.0 × ø2.4 × 240)
③2	U01 A01 936	CAPILLARY TUBE	4	4	4	4	4	4	4	4	4		O.D. 0.118 × I.D. 0.079 × 8-9/32 (ø3.0 × ø2.0 × 210)

MUZ-GX09NL MUZ-GX12NL MUZ-GX15NL
MUZ-GX09NLHZ MUZ-GX12NLHZ MUZ-GX15NLHZ
MUY-GX09NL MUY-GX12NL MUY-GX15NL
1-2. OUTDOOR UNIT ELECTRICAL PARTS



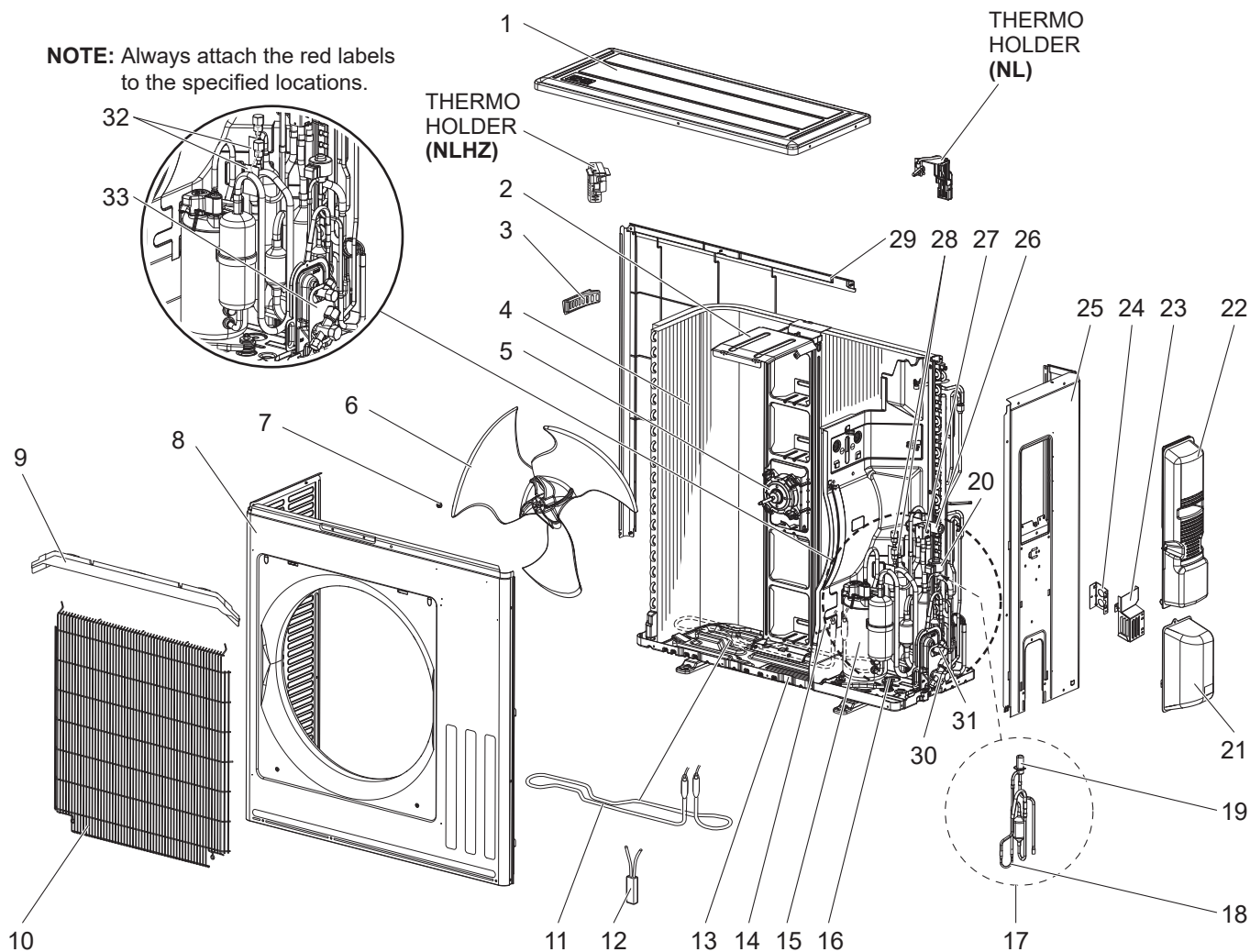
1-2. OUTDOOR UNIT ELECTRICAL PARTS

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

No.	Part No.	Part Name	MUZ-GX09NL - [U1]	MUZ-GX09NLHZ - [U1]	MUY-GX09NL - [U1]	MUZ-GX12NL - [U1]	MUZ-GX12NLHZ - [U1]	MUY-GX12NL - [U1]	MUZ-GX15NL - [U1]	MUZ-GX15NLHZ - [U1]	MUY-GX15NL - [U1]	Symbol in Wiring Diagram	Remarks
1	U01 A01 337	REACTOR	1	1	1	1	1	1	1	1	1	L61	
2	U01 A01 306	THERMISTOR SET	1	1		1	1		1	1		RT61, RT62	DEFROST, DISCHARGE TEMPERATURE
3	U01 A02 309	DISCHARGE TEMPERATURE THERMISTOR			1			1			1	RT62	
4	U01 A03 308	AMBIENT TEMPERATURE THERMISTOR	1		1	1		1	1		1	RT65	
4	U01 A02 308	AMBIENT TEMPERATURE THERMISTOR		1			1			1		RT65	
5	U01 A02 307	OUTDOOR HEAT EXCHANGER TEMPERATURE THERMISTOR	1	1	1	1	1	1	1	1	1	RT68	
6	U01 A20 900	COMPRESSOR PROTECTOR	1	1	1	1	1	1	1	1	1	26C	
7	U01 A08 374	TERMINAL BLOCK	1	1	1	1	1	1	1	1	1	TB	5 P
8	U01 A86 451	INVERTER P.C. BOARD	1										Includes heat sink and RT64
8	U01 A93 451	INVERTER P.C. BOARD		1									Includes heat sink and RT64
8	U01 A90 451	INVERTER P.C. BOARD			1								Includes heat sink and RT64
8	U01 A87 451	INVERTER P.C. BOARD				1							Includes heat sink and RT64
8	U01 A89 451	INVERTER P.C. BOARD					1						Includes heat sink and RT64
8	U01 A91 451	INVERTER P.C. BOARD						1					Includes heat sink and RT64
8	U01 A88 451	INVERTER P.C. BOARD							1				Includes heat sink and RT64
8	U01 B15 451	INVERTER P.C. BOARD								1			Includes heat sink and RT64
8	U01 A92 451	INVERTER P.C. BOARD									1		Includes heat sink and RT64

MUZ-GX18NL MUZ-GX24NL
MUZ-GX18NLHZ MUZ-GX24NLHZ
MUY-GX18NL MUY-GX24NL

1-3. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

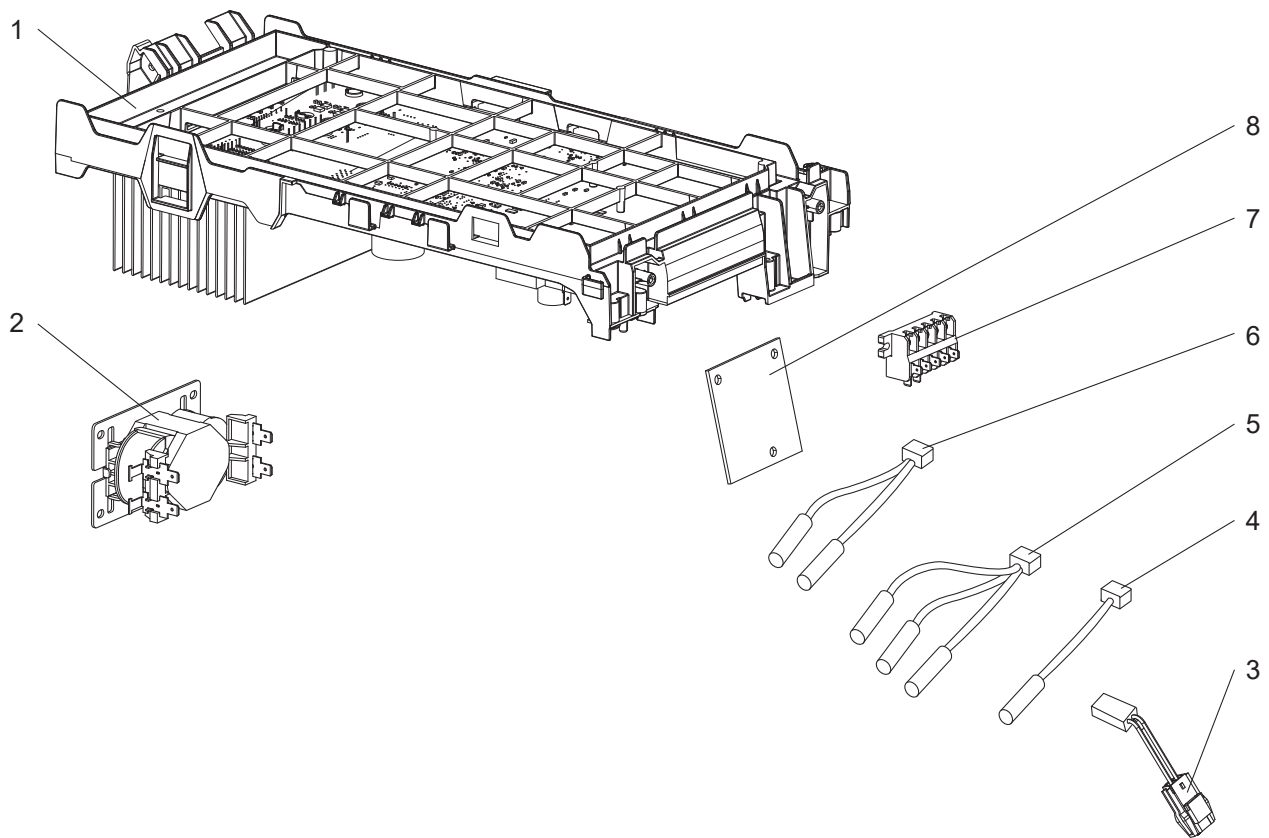


1-3. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

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

No.	Part No.	Part Name	MUZ-GX18NL - [U1]	MUZ-GX18NLHZ - [U1]	MUY-GX18NL - [U1]	MUZ-GX24NL - [U1]	MUZ-GX24NLHZ - [U1]	MUY-GX24NL - [U1]	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 L87 297	TOP PANEL	1	1	1	1	1	1		
2	E22 8F7 515	MOTOR SUPPORT	1		1	1		1		
2	E22 3D5 515	MOTOR SUPPORT		1			1			
3	E22 817 009	HANDLE	1	1	1	1	1	1		
4	E22 7H3 630	OUTDOOR HEAT EXCHANGER	1	1		1	1			
4	E22 7H9 630	OUTDOOR HEAT EXCHANGER			1			1		
5	E22 3D5 301	OUTDOOR FAN MOTOR	1	1	1	1	1	1	MF	
6	E22 91F 501	PROPELLER FAN	1	1	1	1	1	1		
7	E27 L05 508	PROPELLER FAN NUT	1	1	1	1	1	1		
8	E22 7H3 232	CABINET	1	1	1	1	1	1		
9	E22 33N 531	ICE GUARD	1	1		1	1			
10	E22 91F 521	GRILLE (OUT)	1	1	1	1	1	1		
11	E22 3D6 526	DEFROST HEATER		1			1		H	
12	E22 J52 381	HEATER PROTECTOR		1			1		26H	
13	E22 52V 290	BASE	1		1	1		1		
13	E22 57N 290	BASE		1			1			
14	E22 7H3 293	SEPARATOR	1			1				
14	E22 8F7 293	SEPARATOR			1			1		
14	E22 9H5 293	SEPARATOR		1			1			
15	E22 7H3 900	COMPRESSOR	1	1	1	1	1	1	MC	SRB172FQHMT
16	E22 C34 506	COMPRESSOR RUBBER SET	3	3	3	3	3	3		3 RUBBERS/SET
17	E22 7H3 645	EXPANSION VALVE ASSEMBLY	1	1	1	1	1	1		Includes LEV body, capillary tube O.D. 0.157 × I.D. 0.094 × 3-15/16 (ø4.0 × ø2.4 × 100), muffler
18	E27 Y91 936	CAPILLARY TUBE	1	1	1	1	1	1		O.D. 0.157 × I.D. 0.094 × 3-15/16 (ø4.0 × ø2.4 × 100)
19	E22 9H5 640	EXPANSION VALVE	1	1	1	1	1	1		
20	E22 9H5 493	EXPANSION VALVE COIL	1	1	1	1	1	1	LEV	
21	E22 Y86 650	VALVE COVER	1	1	1	1	1	1		
22	E22 91F 245	SERVICE PANEL	1	1	1	1	1	1		
23	E22 43F 979	CONDUIT COVER	1	1	1	1	1	1		
24	E22 29F 978	CONDUIT PLATE	1	1	1	1	1	1		
25	E22 33N 233	BACK PANEL (OUT)	1	1	1	1	1	1		
26	E22 75R 961	4-WAY VALVE	1	1	1	1	1	1		
27	E22 9H5 490	R.V. COIL	1	1		1	1		21S4	
28	E22 L85 641	SERVICE PORT	2	2	2	2	2	2		
29	E22 3D5 523	CONDENSER NET	1	1	1	1	1	1		
30	E22 33N 661	STOP VALVE(GAS)	1	1	1					ø1/2 (ø12.7)
30	E22 89R 661	STOP VALVE(GAS)				1	1	1		ø5/8 (ø15.88)
31	E22 33N 662	STOP VALVE(LIQUID)	1	1	1					ø1/4 (ø6.35)
31	E22 89R 662	STOP VALVE(LIQUID)				1	1	1		ø1/4 (ø6.35)
32	—	RED LABEL	2	2	2	2	2	2		[JU79C067H01] FOR SERVICE PORT
33	—	RED LABEL	1	1	1	1	1	1		[JU79C062H02] FOR STOP VALVE

MUZ-GX18NL MUZ-GX24NL
MUZ-GX18NLHZ MUZ-GX24NLHZ
MUY-GX18NL MUY-GX24NL
1-4. OUTDOOR UNIT ELECTRICAL PARTS



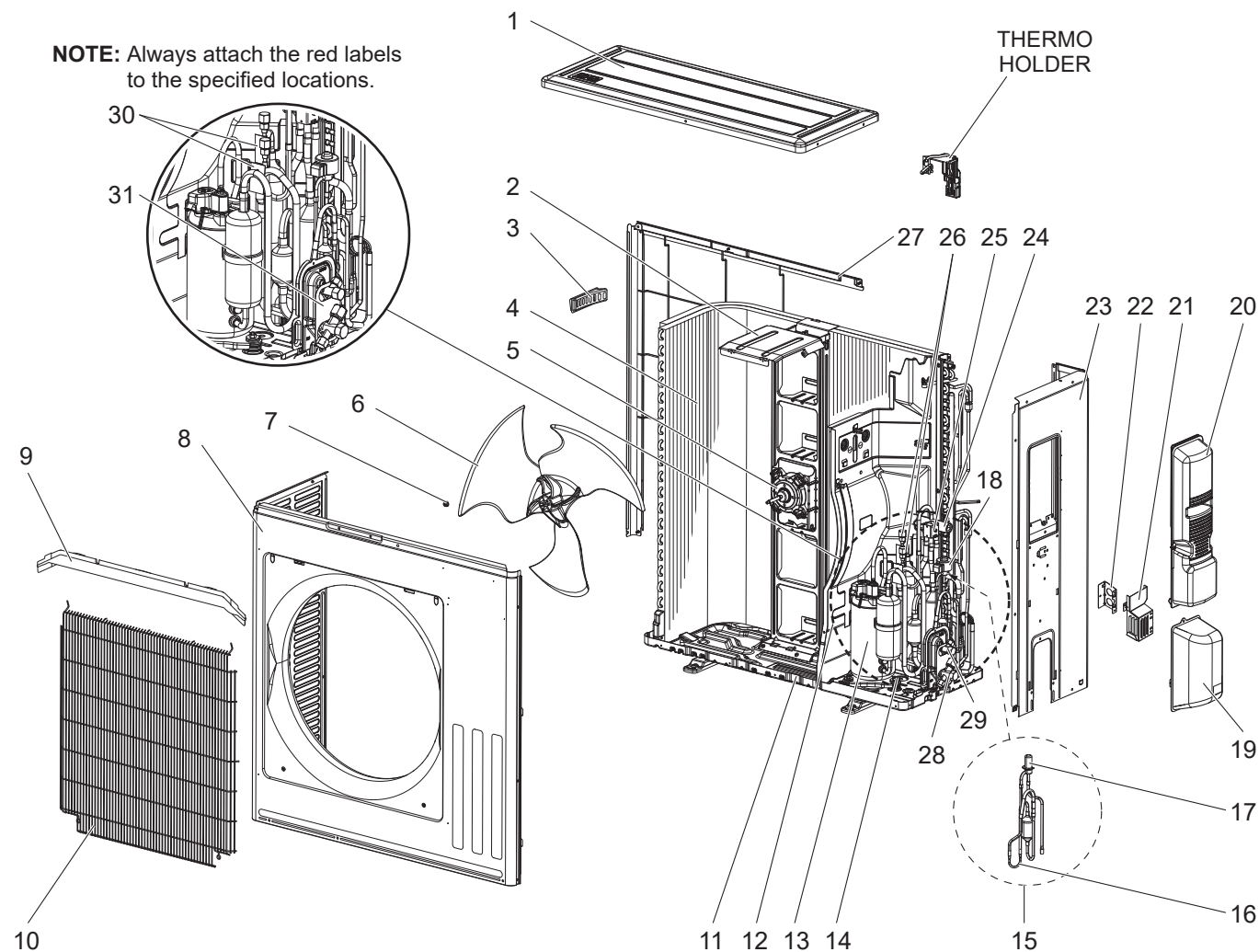
1-4. OUTDOOR UNIT ELECTRICAL PARTS

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

No.	Part No.	Part Name	MUZ-GX18NL - [U1]	MUZ-GX18NLHZ - [U1]	MUY-GX18NL - [U1]	MUZ-GX24NL - [U1]	MUZ-GX24NLHZ - [U1]	MUY-GX24NL - [U1]	Symbol in Wiring Diagram	Remarks
1	E22 7H3 451	INVERTER P.C. BOARD	1							Includes PB support, heat sink and RT64
1	E22 7H7 451	INVERTER P.C. BOARD			1					Includes PB support, heat sink and RT64
1	E22 8H8 451	INVERTER P.C. BOARD		1						Includes PB support, heat sink and RT64
1	E22 7H4 451	INVERTER P.C. BOARD				1				Includes PB support, heat sink and RT64
1	E22 7H8 451	INVERTER P.C. BOARD						1		Includes PB support, heat sink and RT64
1	E22 8H9 451	INVERTER P.C. BOARD					1			Includes PB support, heat sink and RT64
2	E22 R84 337	REACTOR	1	1	1	1	1	1	L	
3	E22 42X 381	COMPRESSOR PROTECTOR	1	1	1	1	1	1	26C	
4	E22 29F 309	AMBIENT TEMPERATURE THERMISTOR	1		1	1		1	RT65	
4	E22 38F 309	AMBIENT TEMPERATURE THERMISTOR		1			1		RT65	
5	E22 49P 306	THERMISTOR SET	1	1		1	1		RT61, RT62, RT68	DEFROST, DISCHARGE TEMPERATURE, OUTDOOR HEAT EXCHANGER TEMPERATURE
6	E22 7H7 306	THERMISTOR SET			1			1	RT62, RT68	DISCHARGE TEMPERATURE, OUTDOOR HEAT EXCHANGER TEMPERATURE
7	E22 52V 374	TERMINAL BLOCK	1	1	1	1	1	1	TB1	5 P
8	E22 88R 382	FUSE P.C. BOARD	1	1	1	1	1	1	F65, F66	T6.3AL250V

MUZ-GX30NL MUZ-GX36NL
MUY-GX30NL MUY-GX36NL

1-5. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

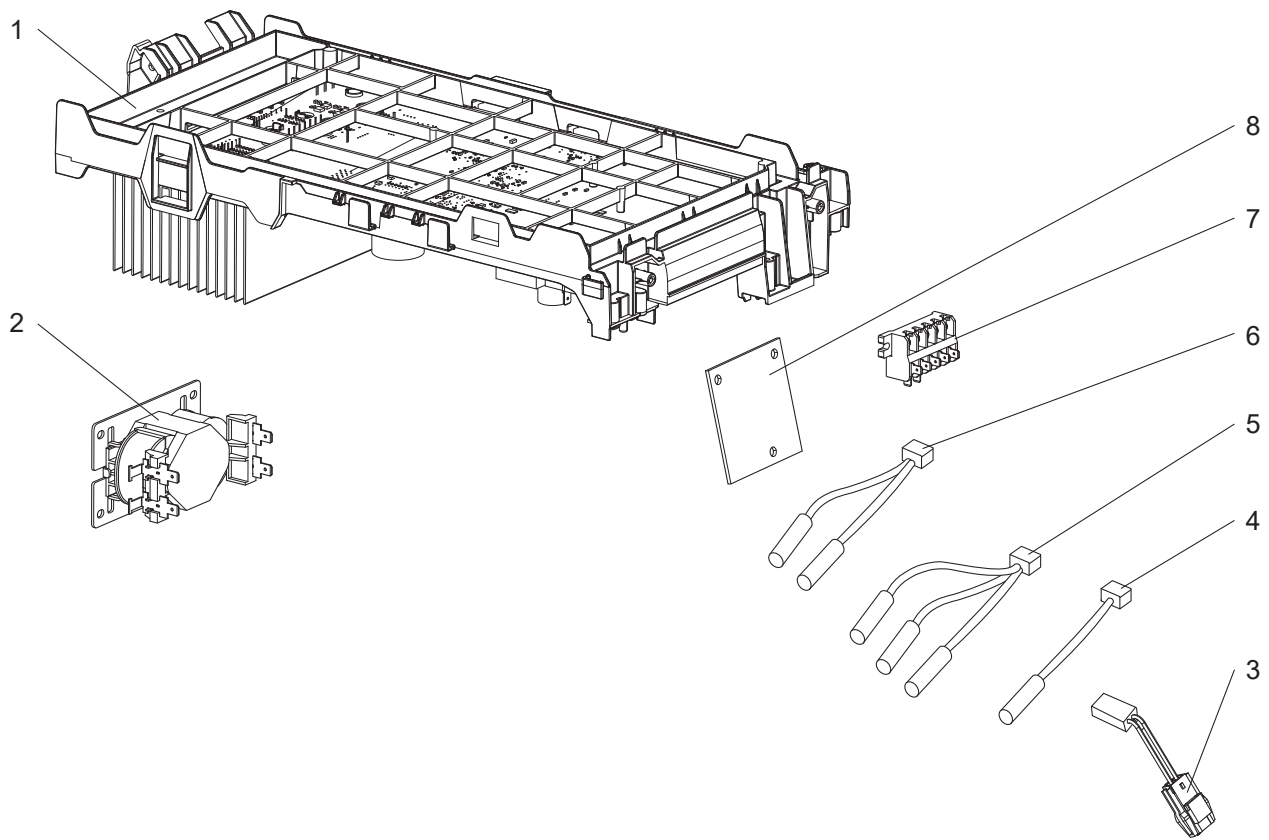


1-5. OUTDOOR UNIT STRUCTURAL PARTS AND FUNCTIONAL PARTS

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

No.	Part No.	Part Name	MUZ-GX30NL - U1	MUY-GX30NL - U1	MUZ-GX36NL - U1	MUY-GX36NL - U1	Symbol in Wiring Diagram	Remarks [Drawing No.]
1	E22 L87 297	TOP PANEL	1	1	1	1		
2	E22 8F7 515	MOTOR SUPPORT	1	1	1	1		
3	E22 817 009	HANDLE	1	1	1	1		
4	E22 7H3 630	OUTDOOR HEAT EXCHANGER	1		1			
4	E22 7H9 630	OUTDOOR HEAT EXCHANGER		1		1		
5	E22 3D5 301	OUTDOOR FAN MOTOR	1	1	1	1	MF	
6	E22 91F 501	PROPELLER FAN	1	1	1	1		
7	E27 L05 508	PROPELLER FAN NUT	1	1	1	1		
8	E22 7H3 232	CABINET	1	1	1	1		
9	E22 33N 531	ICE GUARD	1		1			
10	E22 91F 521	GRILLE (OUT)	1	1	1	1		
11	E22 52V 290	BASE	1	1	1	1		
12	E22 7H3 293	SEPARATOR	1		1			
12	E22 8F7 293	SEPARATOR		1		1		
13	E22 7H3 900	COMPRESSOR	1	1	1	1	MC	SRB172FQHMT
14	E22 C34 506	COMPRESSOR RUBBER SET	3	3	3	3		3 RUBBERS/SET
15	E22 7H3 645	EXPANSION VALVE ASSEMBLY	1	1	1	1		Includes LEV body, capillary tube O.D. 0.157 × I.D. 0.094 × 3-15/16 (ø4.0 × ø2.4 × 100), muffler
16	E27 Y91 936	CAPILLARY TUBE	1	1	1	1		O.D. 0.157 × I.D. 0.094 × 3-15/16 (ø4.0 × ø2.4 × 100)
17	E22 9H5 640	EXPANSION VALVE	1	1	1	1		
18	E22 9H5 493	EXPANSION VALVE COIL	1	1	1	1	LEV	
19	E22 Y86 650	VALVE COVER	1	1	1	1		
20	E22 91F 245	SERVICE PANEL	1	1	1	1		
21	E22 43F 979	CONDUIT COVER	1	1	1	1		
22	E22 29F 978	CONDUIT PLATE	1	1	1	1		
23	E22 33N 233	BACK PANEL (OUT)	1	1	1	1		
24	E22 75R 961	4-WAY VALVE	1	1	1	1		
25	E22 9H5 490	R.V. COIL	1		1		21S4	
26	E22 L85 641	SERVICE PORT	2	2	2	2		
27	E22 3D5 523	CONDENSER NET	1	1	1	1		
28	E22 89R 661	STOP VALVE(GAS)	1	1	1	1		ø5/8 (ø15.88)
29	E22 89R 662	STOP VALVE(LIQUID)	1	1	1	1		ø1/4 (ø6.35)
30	—	RED LABEL	2	2	2	2		[JU79C067H01] FOR SERVICE PORT
31	—	RED LABEL	1	1	1	1		[JU79C062H02] FOR STOP VALVE

MUZ-GX30NL MUZ-GX36NL
MUY-GX30NL MUY-GX36NL
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-GX30NL - ☐ U1	MUY-GX30NL - ☐ U1	MUZ-GX36NL - ☐ U1	MUY-GX36NL - ☐ U1	Symbol in Wiring Diagram	Remarks
1	E22 7H5 451	INVERTER P.C. BOARD	1					Includes PB support, heat sink and RT64
1	E22 7H9 451	INVERTER P.C. BOARD		1				Includes PB support, heat sink and RT64
1	E22 7H6 451	INVERTER P.C. BOARD			1			Includes PB support, heat sink and RT64
1	E22 8H0 451	INVERTER P.C. BOARD				1		Includes PB support, heat sink and RT64
2	E22 R84 337	REACTOR	1	1	1	1	L	
3	E22 42X 381	COMPRESSOR PROTECTOR	1	1	1	1	26C	
4	E22 29F 309	AMBIENT TEMPERATURE THERMISTOR	1	1	1	1	RT65	
5	E22 49P 306	THERMISTOR SET	1		1		RT61, RT62, RT68	DEFROST, DISCHARGE TEMPERATURE, OUTDOOR HEAT EXCHANGER TEMPERATURE
6	E22 7H7 306	THERMISTOR SET		1		1	RT62, RT68	DISCHARGE TEMPERATURE, OUTDOOR HEAT EXCHANGER TEMPERATURE
7	E22 52V 374	TERMINAL BLOCK	1	1	1	1	TB1	5 P
8	E22 88R 382	FUSE P.C. BOARD	1	1	1	1	F65, F66	T6.3AL250V

2-1. DEFROST HEATER

Model	Parts No.
MUZ-GX09NL MUZ-GX12NL MUZ-GX15NL	MAC-650BH - U

Components

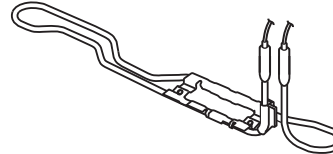
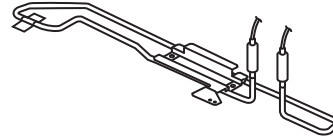
① Defrost heater	1	④ Self drilling screw	2
② Aluminum tape	1	⑤ Cable clamp	1
③ Heater support	1	⑥ Insulation	1

Model	Parts No.
MUZ-GX18NL MUZ-GX24NL MUZ-GX30NL MUZ-GX36NL	MAC-660BH - U

Components

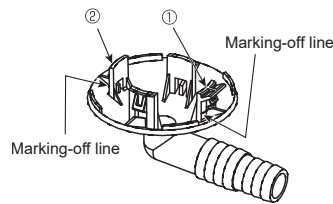
① Defrost heater	1	④ Cable clamp	1
② Heater support	1	⑤ Self drilling screw	2
③ Cable tie	1	⑥ Wiring diagram	1

Note: Refer to the installation manual for the installation.



2-2. DRAIN SOCKET

Model	Parts No.
MUZ-GX09NL MUZ-GX12NL MUZ-GX15NL MUZ-GX18NL MUZ-GX24NL MUZ-GX30NL MUZ-GX36NL	MAC-871DS



Installing a Drain Socket

For $\Phi 1-5/8$ ($\Phi 42$) hole

Put the tab ① in the hole first, and then the tab ②.

MITSUBISHI ELECTRIC CORPORATION

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