

PARTS CATALOG

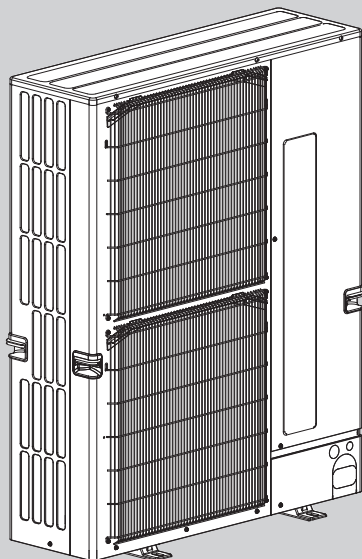
R454B
No. OCB869
REVISED EDITION-B
Outdoor unit
[Model Name]
[Service Ref.]

PUZ-AK36NL	PUZ-AK36NL-U1
PUZ-AK42NL	PUZ-AK42NL-U1
PUZ-AK48NL	PUZ-AK48NL-U1
PUZ-AK60NL	PUZ-AK60NL-U1
PUY-AK36NL	PUY-AK36NL-U1
PUY-AK42NL	PUY-AK42NL-U1
PUY-AK48NL	PUY-AK48NL-U1
PUY-AK60NL	PUY-AK60NL-U1
SUZ-AK48NL	SUZ-AK48NL-U1
SUZ-AK60NL	SUZ-AK60NL-U1

Revision:

- Deleted description regarding SUZ-CK48NLH-U1 and SUZ-CK60NLH-U1 in REVISED EDITION-B.

OCB869A is void.



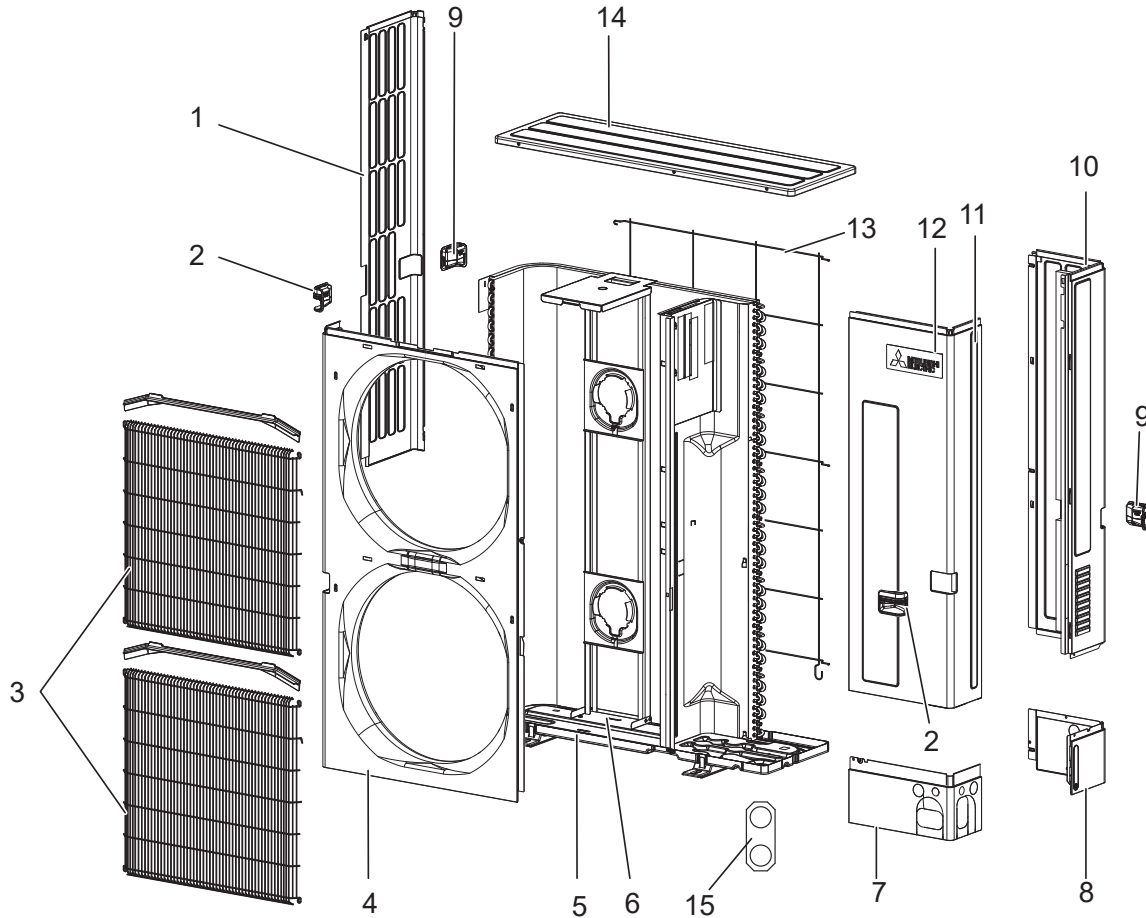
PUZ-AK36/42/48/60NL-U1
PUY-AK36/42/48/60NL-U1
SUZ-AK48/60NL-U1

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SERVICE MANUAL (OCH869)

STRUCTURAL PARTS



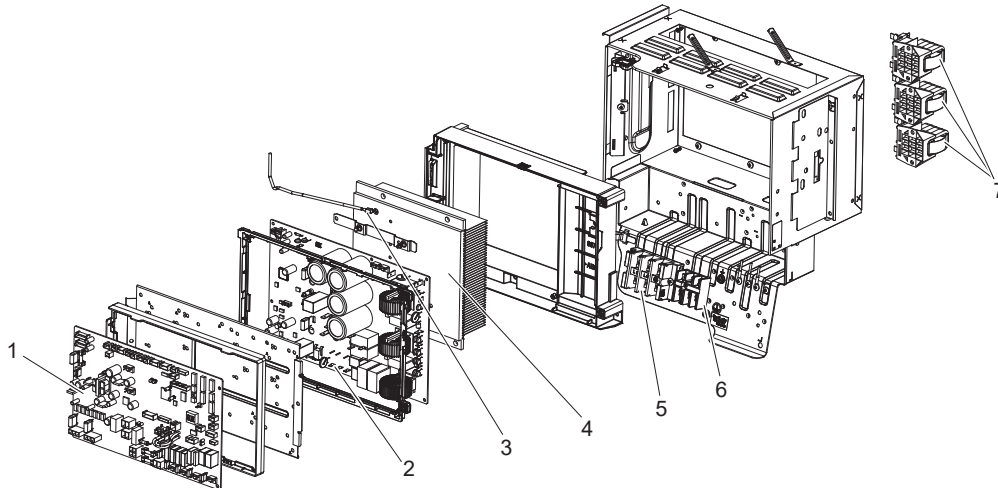
1. The part quantity below indicates the required number of pieces per unit.

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

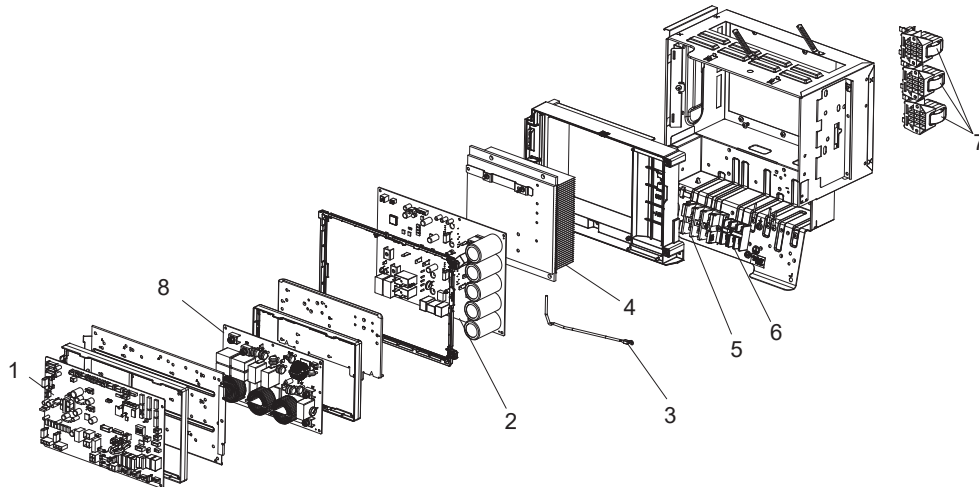
No.	Parts No.	Parts Name	PUZ-AK36NL-U1	PUZ-AK42NL-U1	PUZ-AK48NL-U1	PUZ-AK60NL-U1	PUY-AK36NL-U1	PUY-AK42NL-U1	PUY-AK48NL-U1	PUY-AK60NL-U1	SUZ-AK48NL-U1	SUZ-AK60NL-U1	Remarks
1	R 0 1 E 3 0 6 6 2	SIDE PANEL (L)	1	1	1	1	1	1	1	1	1	1	
2	R 0 1 E 0 5 6 5 5	HANDLE (FRONT)	2	2	2	2	2	2	2	2	2	2	
3	R 0 1 E 7 3 6 9 1	WIRE GRILLE	2	2	2	2	2	2	2	2	2	2	
4	R 0 1 E 2 3 6 6 8	FRONT PANEL	1	1	1	1	1	1	1	1	1	1	
5	T 7 W E 3 8 6 8 6	BASE ASSY	1	1	1	1	1	1	1	1	1	1	
6	R 0 1 E 5 9 1 3 0	MOTOR SUPPORT	1	1			1	1					
6	R 0 1 E 6 0 1 3 0	MOTOR SUPPORT			1	1			1	1	1	1	
7	R 0 1 E 3 5 6 5 8	COVER PANEL (FRONT)	1	1	1	1	1	1	1	1	1	1	
8	R 0 1 E 3 6 6 5 8	COVER PANEL (REAR)	1	1	1	1	1	1	1	1	1	1	
9	R 0 1 E 0 6 6 5 5	HANDLE (REAR)	2	2	2	2	2	2	2	2	2	2	
10	T 7 W E 4 9 6 6 1	SIDE PANEL (R)	1	1	1	1	1	1	1	1	1	1	
11	T 7 W E 2 9 6 6 8	SERVICE PANEL	1	1	1	1	1	1	1	1	1	1	
12	R 0 1 A 1 3 0 0 5	BRAND LABEL	1	1	1	1	1	1	1	1	1	1	
13	R 0 1 E 1 0 6 9 8	REAR GUARD	1	1	1	1	1	1	1	1	1	1	
14	T 7 W E 2 2 6 4 1	TOP PANEL	1	1	1	1	1	1	1	1	1	1	
15	T 7 W E 0 4 6 1 7	CONDUIT PLATE	1	1	1	1	1	1	1	1	1	1	

ELECTRICAL PARTS

PUZ-AK36NL-U1 PUZ-AK42NL-U1
PUY-AK36NL-U1 PUY-AK42NL-U1



PUZ-AK48NL-U1 PUZ-AK60NL-U1
PUY-AK48NL-U1 PUY-AK60NL-U1
SUZ-AK48NL-U1 SUZ-AK60NL-U1



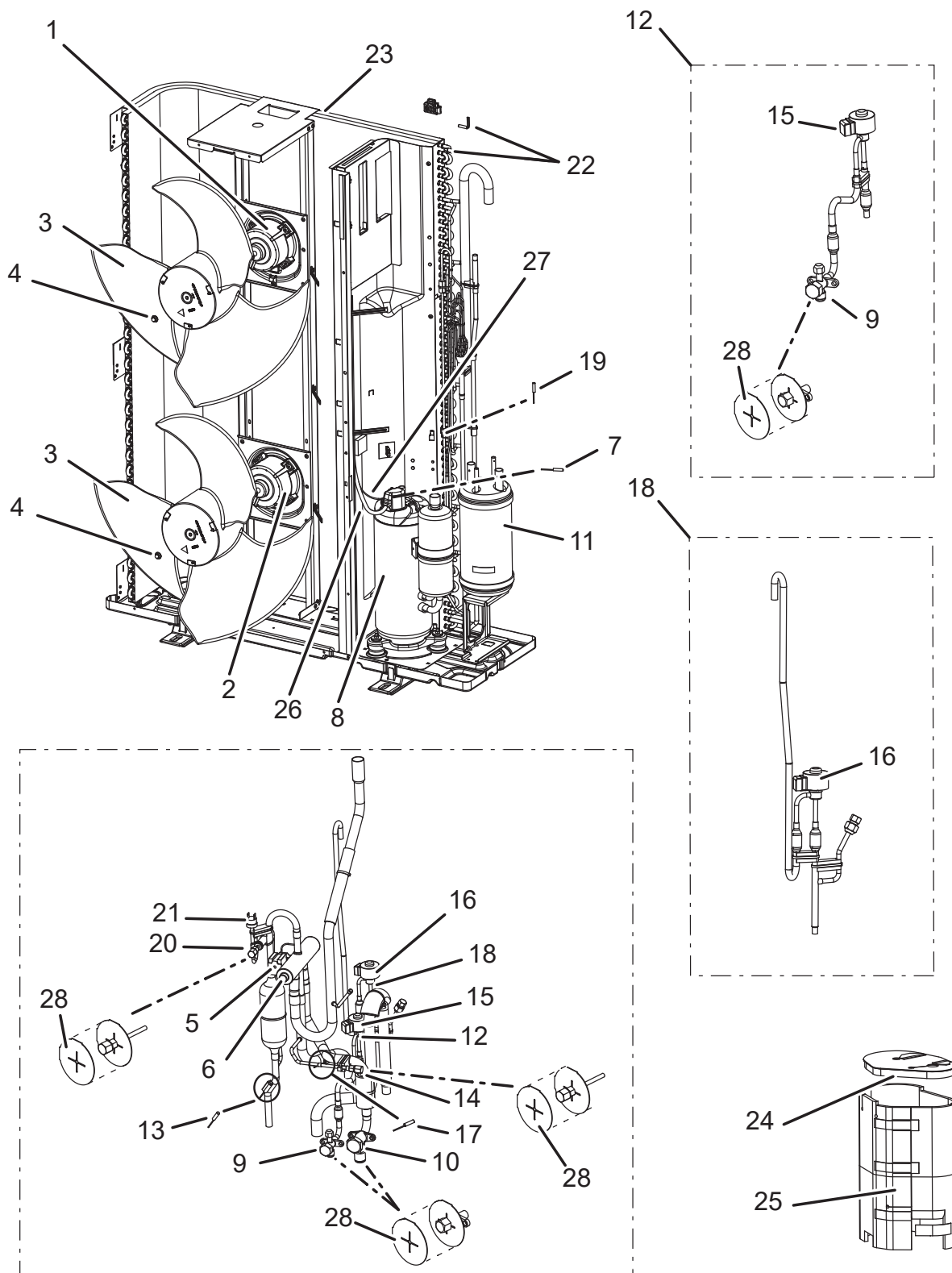
1. The part quantity below indicates the required number of pieces per unit.
2. The circled No. indicates that the part is not shown in the figure.

No.	Parts No.	Parts Name	PUZ-AK36NL-U1	PUZ-AK42NL-U1	PUZ-AK48NL-U1	PUZ-AK60NL-U1	PUY-AK36NL-U1	PUY-AK42NL-U1	PUY-AK48NL-U1	PUY-AK60NL-U1	SUZ-AK48NL-U1	SUZ-AK60NL-U1	Wiring Diagram Symbol	Remarks
1	T7W SA2 315	CONTROLLER BOARD	1	1	1	1	1	1	1	1	1	1	C.B.	
2	T7W S01 373	POWER BOARD	1	1			1	1					P.B.	
2	T7W S02 373	POWER BOARD			1	1			1	1	1	1	P.B.	
3	R01 M52 202	THERMISTOR(HS)	1	1			1	1					TH8 (Heat Sink)	
3	R01 M16 202	THERMISTOR(HS)			1	1			1	1	1	1	TH8 (Heat Sink)	
4	R01 A26 371	HEAT SINK	1	1			1	1						Includes SCREW
4	R01 A27 371	HEAT SINK			1	1			1	1	1	1		Includes SCREW
5	T7W P05 246	T.B./L1.L2.E	1	1	1	1	1	1	1	1	1	1	TB1 (L1/L2/E)	
6	T7W S03 246	T.B./S1.S2.S3	1	1	1	1	1	1	1	1	1	1	TB2 (S1/S2/S3)	
7	R01 E56 259	REACTOR	3	3	3	3	3	3	3	3	3	3	DCL	
8	T7W E54 346	NOISE FILTER			1	1			1	1	1	1	N.F.	

FUNCTIONAL PARTS

PUZ-AK36NL-U1 PUZ-AK42NL-U1

PUY-AK36NL-U1 PUY-AK42NL-U1



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.

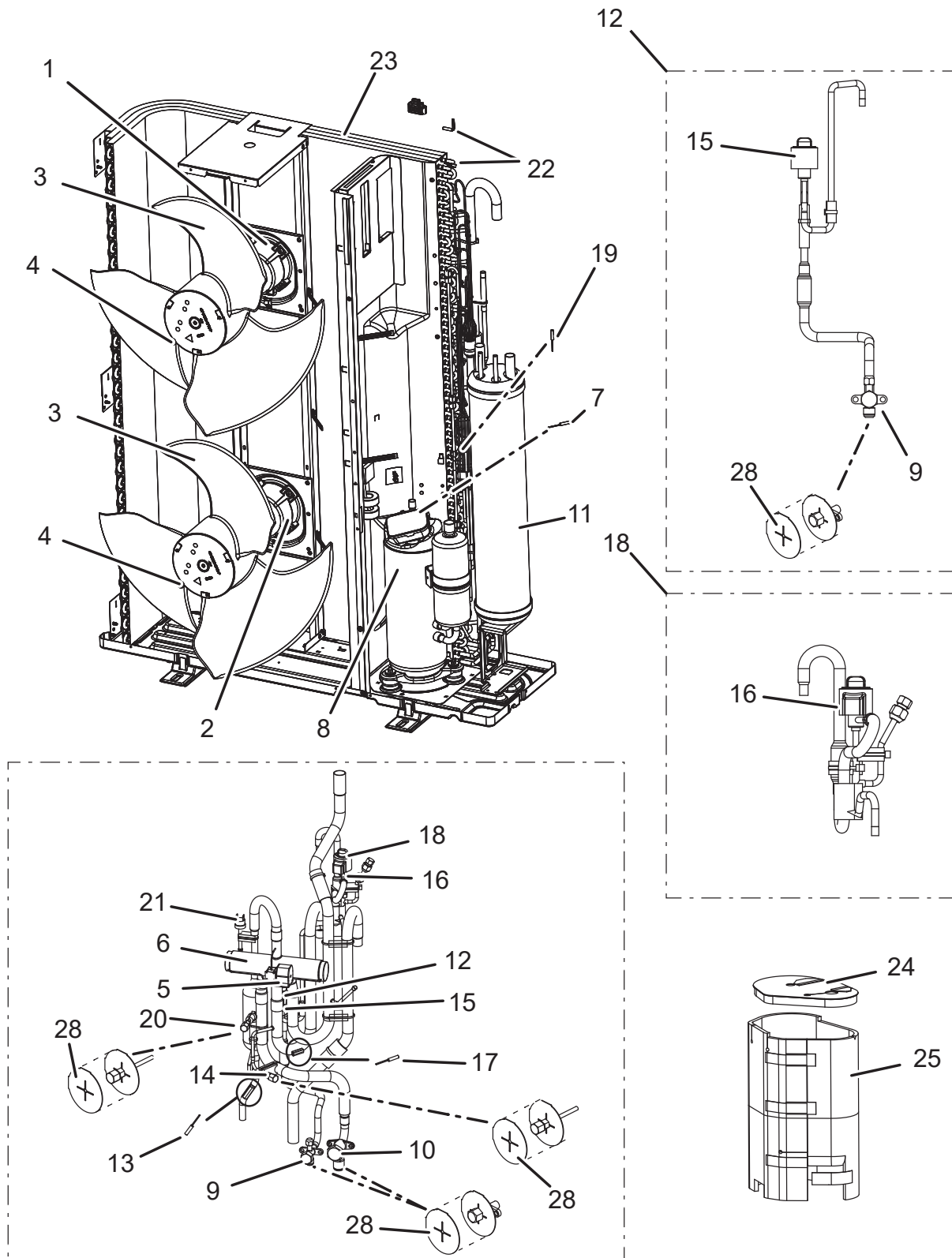
No.	Parts No.	Parts Name	PUZ-AK36NL-U1	PUZ-AK42NL-U1	PUY-AK36NL-U1	PUY-AK42NL-U1	Wiring Diagram Symbol	Remarks
1	T7W A21 221	FAN MOTOR	1	1	1	1	MF1	
2	T7W A24 221	FAN MOTOR	1	1	1	1	MF2	
3	R01 E16 115	PROPELLER FAN/D550	2	2	2	2		
4	R01 E16 097	CAP NUT(MEC) M6	2	2	2	2		M6
5	T7W S12 242	SOLENOID COIL(21S4)	1	1			21S4	Includes SCREW
6	R01 E54 403	4-WAY VALVE	1	1	1	1		
7	R01 E67 201	THERMISTOR(SHELL)	1	1	1	1	TH33	
8	T97 4M0 005	COMPRESSOR	1	1	1	1	MC	MRB36FEGMC Includes RUBBER MOUNT
9	T7W E04 410	STOP VALVE	1	1	1	1	3/8	
10	T7W E09 410	STOP VALVE	1	1	1	1	5/8	Includes STRAINER
11	R01 E60 440	POWER RECEIVER	1	1	1	1		
12	T7W B23 401	LEV-B ASSY	1	1	1	1	LEV-B	Includes STOP VALVE
13	R01 E66 201	THERMISTOR(DIS)	1	1	1	1	TH4	
14	R01 E28 413	CHARGE PLUG/ST	1	1	1	1		
15	T7W L01 242	LEV COIL/XAP5-RED	1	1	1	1	LEV-B	
16	R01 L20 242	LEV COIL/XAP5-WH	1	1	1	1	LEV-A	
17	R01 H32 202	THERMISTOR	1	1	1	1	TH32	
18	R01 A30 401	LEV-A ASSY	1	1	1	1	LEV-A	
19	R01 E67 202	THERMISTOR	1	1	1	1	TH3	
20	R01 E28 413	CHARGE PLUG/ST	1	1	1	1		
21	T7W E15 208	HIGH PRESSURE SWITCH	1	1	1	1	63H	OFF 4.14MPa
22	R01 E94 202	THERMISTOR W	1	1	1	1	TH6 (Outdoor 2-Phase Pipe), TH7 (Ambient)	
23	R01 R13 408	HEAT EXCHANGER	1	1	1	1		
24	R01 T19 602	COMP FELT-TOP/MRB	1	1	1	1		
25	R01 B15 602	COMP FELT-BODY/MRK	1	1	1	1		
26	T7W C22 510	LEAD ASSY COMP	1	1	1	1		
27	T7W E38 201	TRS ASSY	1	1	1	1	TRS	
28	T7W A01 455	REF.MARKER(SNAP)1P	1	1	1	1		

FUNCTIONAL PARTS

PUZ-AK48NL-U1 PUZ-AK60NL-U1

PUY-AK48NL-U1 PUY-AK60NL-U1

SUZ-AK48NL-U1 SUZ-AK60NL-U1



1. The part quantity below indicates the required number of pieces per unit.
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No.	Parts No.	Parts Name	PUZ-AK48NL-U1	PUZ-AK60NL-U1	PUY-AK48NL-U1	PUY-AK60NL-U1	SUZ-AK48NL-U1	SUZ-AK60NL-U1	Wiring Diagram Symbol	Remarks
1	T7W A22 221	FAN MOTOR	1	1	1	1	1	1	MF1	
2	T7W A23 221	FAN MOTOR	1	1	1	1	1	1	MF2	
3	R01 E16 115	PROPELLER FAN/D550	2	2	2	2	2	2		
4	R01 E16 097	CAP NUT(MEC) M6	2	2	2	2	2	2		M6
5	T7W S13 242	SOLENOID COIL(21S4)	1	1			1	1	21S4	Includes SCREW
6	R01 E44 403	4-WAY VALVE	1	1	1	1	1	1		
7	R01 E67 201	THERMISTOR(SHELL)	1	1	1	1	1	1	TH33	
8	T97 4M0 008	COMPRESSOR	1	1	1	1	1	1	MC	MRB53FEJMC-L Includes RUBBER MOUNT
9	T7W E04 410	STOP VALVE	1	1	1	1	1	1	3/8	
10	T7W E09 410	STOP VALVE	1		1		1		5/8	Includes STRAINER
10	T7W G02 411	STOP VALVE		1		1		1	3/4	Includes STRAINER
11	R01 E88 440	POWER RECEIVER	1	1	1	1	1	1		
12	T7W B22 401	LEV-B ASSY	1	1	1	1	1	1	LEV-B	Includes STOP VALVE
13	R01 E66 201	THERMISTOR(DIS)	1	1	1	1	1	1	TH4	
14	R01 E32 413	CHARGE PLUG/LB90	1	1	1	1	1	1		
15	R01 L21 242	LEV COIL/XAP5-RED	1	1	1	1	1	1	LEV-B	
16	R01 H39 242	LEV COIL/XAP5-WH	1	1	1	1	1	1	LEV-A	
17	R01 H32 202	THERMISTOR	1	1	1	1	1	1	TH32	
18	R01 A31 401	LEV-A ASSY	1	1	1	1	1	1	LEV-A	
19	R01 E67 202	THERMISTOR	1	1	1	1	1	1	TH3	
20	R01 E32 413	CHARGE PLUG/LB90	1	1	1	1	1	1		
21	T7W E15 208	HIGH PRESSURE SWITCH	1	1	1	1	1	1	63H	OFF 4.14 MPa
22	R01 E94 202	THERMISTOR W	1	1	1	1	1	1	TH6 (Outdoor 2-Phase Pipe), TH7 (Ambient)	
23	T7W F14 408	HEAT EXCHANGER	1	1	1	1	1	1		
24	R01 T19 602	COMP FELT-TOP/MRB	1	1	1	1	1	1		
25	R01 B15 602	COMP FELT-BODY/MRK	1	1	1	1	1	1		
26	T7W C23 510	LEAD ASSY COMP	1	1	1	1	1	1		
27	T7W E38 201	TRS ASSY	1	1	1	1	1	1	TRS	
28	T7W A01 455	REF.MARKER(SNAP)1P	1	1	1	1	1	1		

mitsubishi electric corporation

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

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