

PARTS CATALOG

R454B
No. OCB949
Outdoor unit
[Model Name]

PUZ-AK12NL2

PUZ-AK18NL2

PUZ-AH24NL2

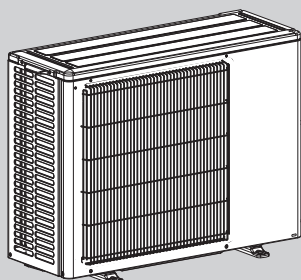
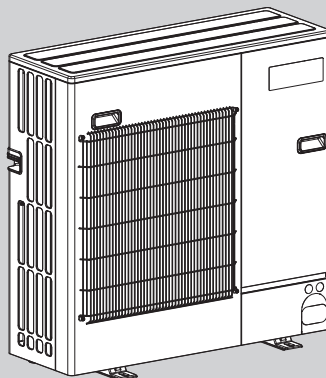
PUZ-AH30NL2

PUY-AK12NL2

PUY-AK18NL2

PUY-AH24NL2

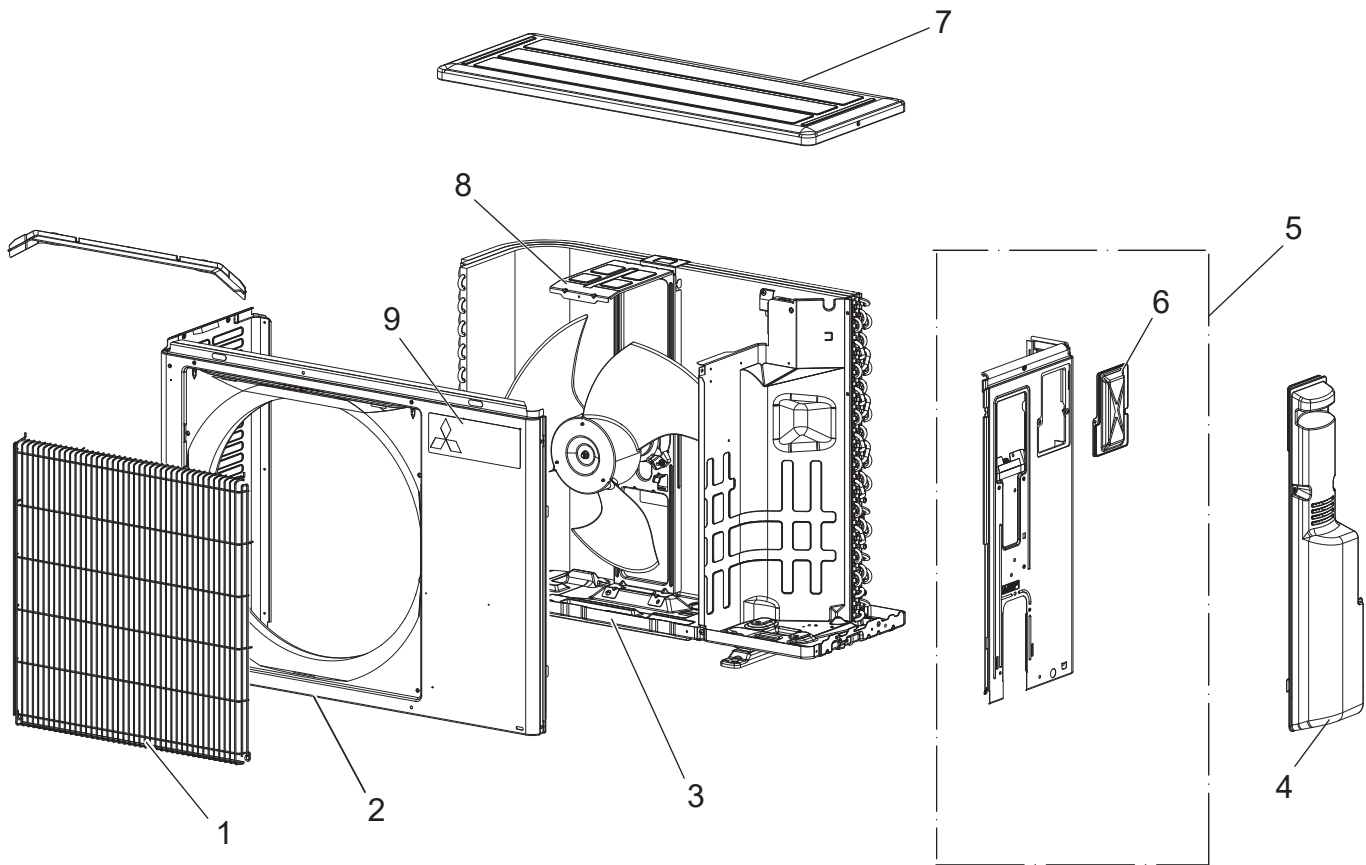
PUY-AH30NL2

[Service Reference]
PUZ-AK12NL2-U1
PUZ-AK18NL2-U1
PUZ-AH24NL2-U1
PUZ-AH30NL2-U1
PUY-AK12NL2-U1
PUY-AK18NL2-U1
PUY-AH24NL2-U1
PUY-AH30NL2-U1

**PUZ-AK12/18NL2
PUY-AK12/18NL2**

**PUZ-AH24/30NL2
PUY-AH24/30NL2**
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1. SERVICE PARTS LIST 2

SERVICE MANUAL (OCH949)

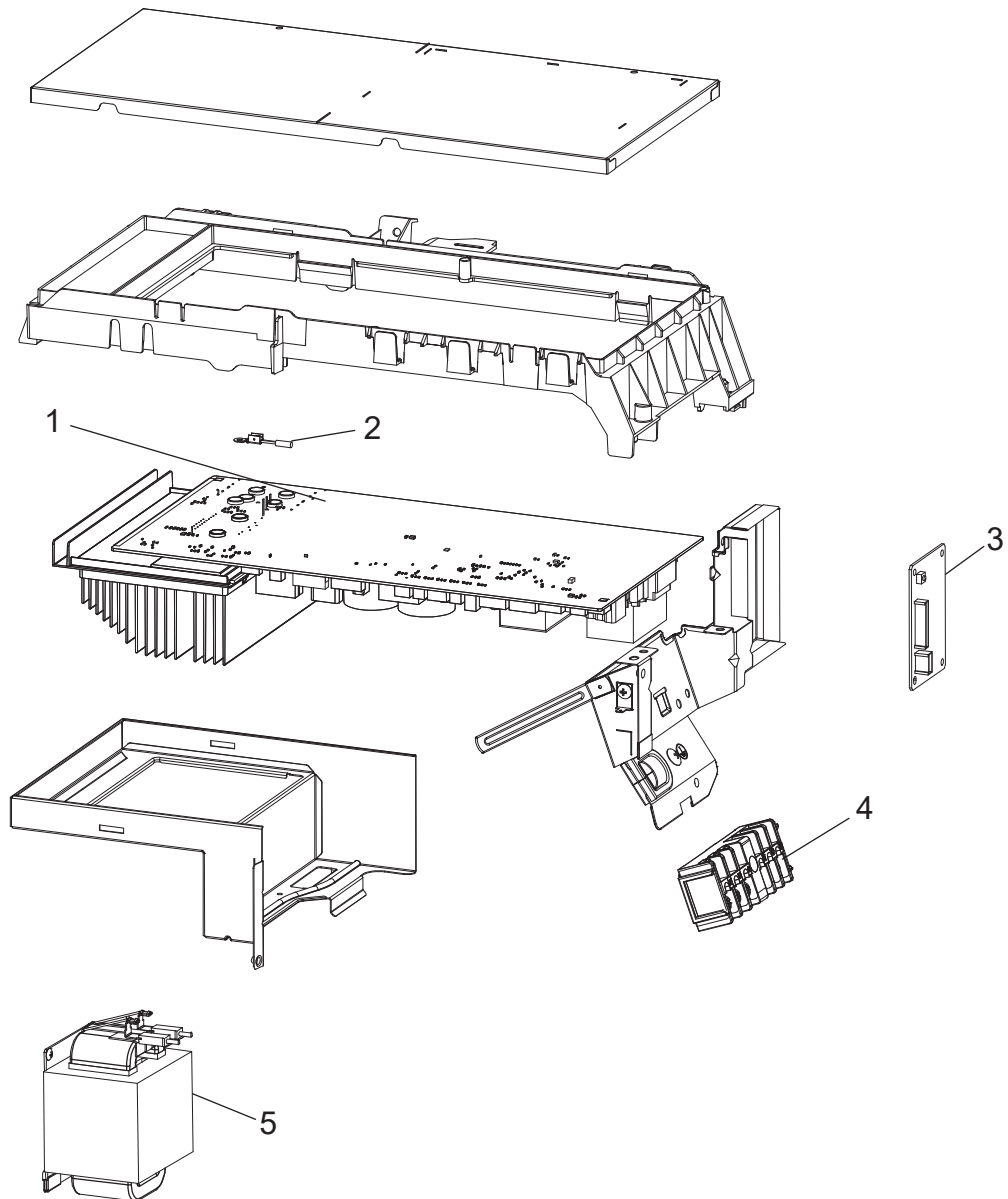
STRUCTURAL PARTS



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-AK12NL2-U1	PUZ-AK18NL2-U1	PUY-AK12NL2-U1	PUY-AK18NL2-U1	Wiring Diagram Symbol	Remarks
1	T7W E24 691	GRILLE	1	1	1	1		
2	T7W E33 668	FRONT PANEL	1	1	1	1		
3	T7W E33 686	BASE ASSY	1	1	1	1		
4	T7W E24 667	SERVICE PANEL	1	1	1	1		
5	T7W H21 682	BACK PANEL	1	1	1	1		
6	T7W E00 633	SERVICE PLATE	1	1	1	1		
7	T7W E20 641	TOP PANEL	1	1	1	1		
8	T7W E28 130	MOTOR SUPPORT	1	1	1	1		
9	T7W A27 005	BRAND LABEL	1	1	1	1		

ELECTRICAL PARTS

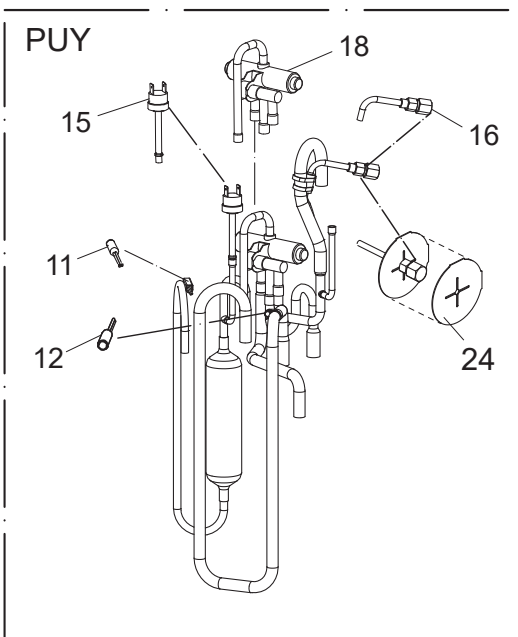
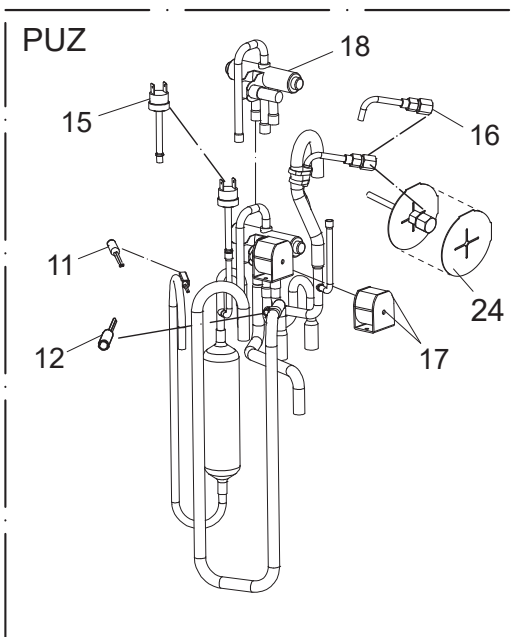
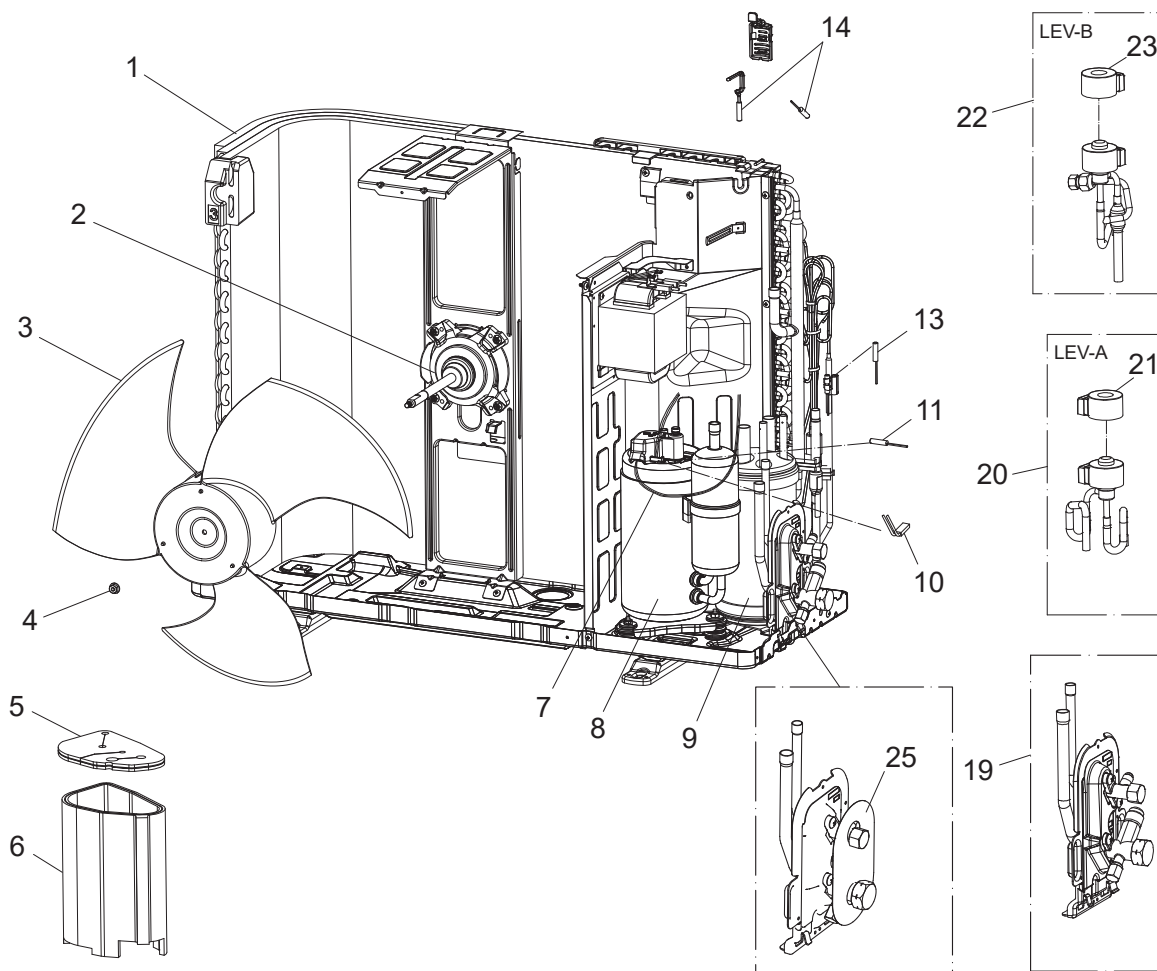


1. The part quantity below indicates the required number of pieces per unit.
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No.	Parts No.	Parts Name	PUZ-AK12NL2-U1	PUZ-AK18NL2-U1	PUY-AK12NL2-U1	PUY-AK18NL2-U1	Wiring Diagram Symbol	Remarks
1	T7W SE8 315	CONTROLLER BOARD	1	1	1	1	C.B.	
2	T7W F14 202	THERMISTOR (HS)	1	1	1	1	TH8 (Heat Sink)	
3	R01 E01 316	SWITCH BOARD	1	1	1	1	S.B.	
4	T7W P04 246	T.B./LNE + S1.S2.S3	1	1	1	1	TB1	
5	T7W E28 259	REACTOR	1	1	1	1	ACL	

FUNCTIONAL PARTS

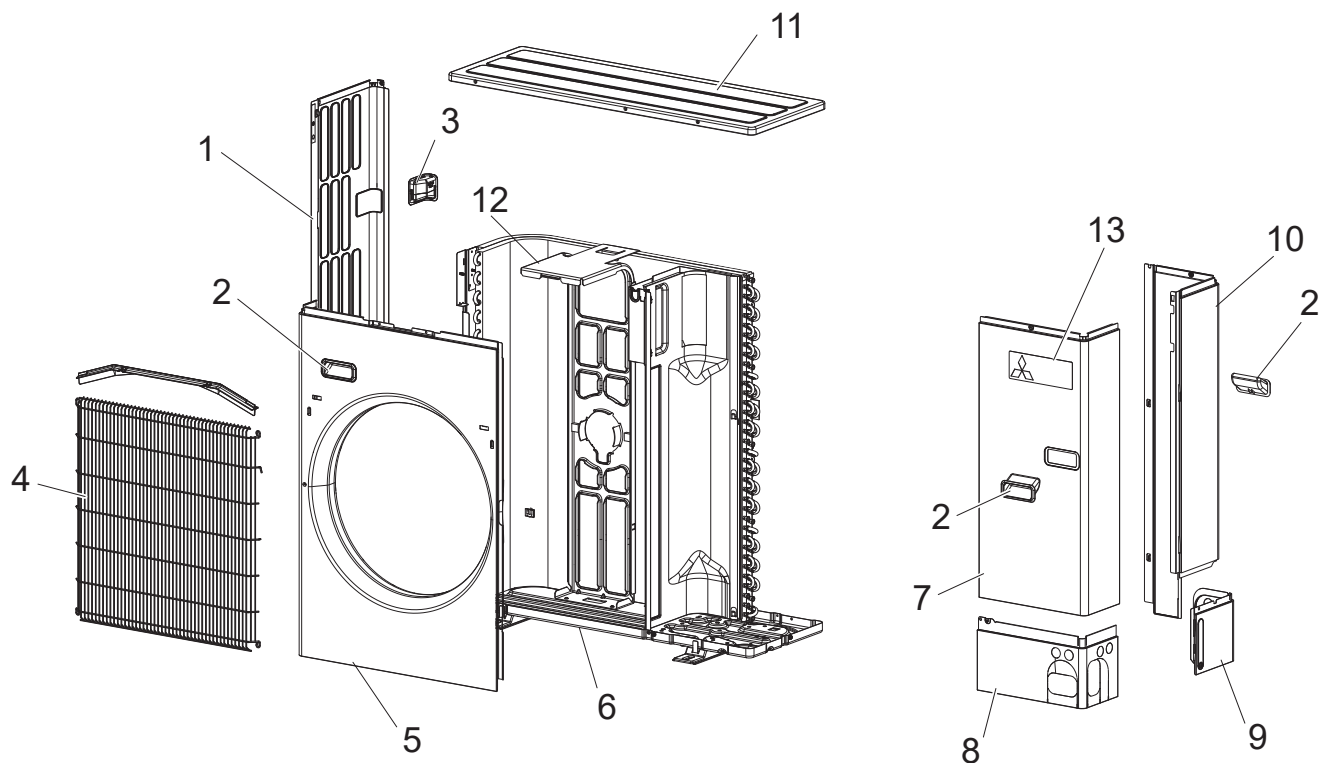
PUZ-AK12NL2-U1 PUZ-AK18NL2-U1 PUY-AK12NL2-U1 PUY-AK18NL2-U1



1. The part quantity below indicates the required number of pieces per unit.
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No.	Parts No.	Parts Name	PUZ-AK12NL2-U1	PUZ-AK18NL2-U1	PUY-AK12NL2-U1	PUY-AK18NL2-U1	Wiring Diagram Symbol	Remarks
1	T7W F55 408	HEAT EXCHANGER	1	1	1	1		
2	T7W A19 221	FAN MOTOR	1	1	1	1	MF1	
3	T7W A04 115	PROPELLER FAN	1	1	1	1		
4	T7W E00 097	NUT M6	1	1	1	1		
5	T7W T17 602	COMP FELT (TOP)	1	1	1	1		
6	T7W B39 602	COMP FELT (BODY)	1	1	1	1		
7	T7W A13 510	LEAD ASSY COMP	1	1	1	1		
8	T97 4S0 010	COMPRESSOR	1	1	1	1	MC	SRB140FQHMC-L1 Includes RUBBER MOUNTS
9	T7W E53 440	POWER RECEIVER	1	1	1	1		
10	T7W E37 201	TRS ASSY	1	1	1	1	TRS	
11	T7W F28 202	THERMISTOR DS	1	1	1	1	TH4 (Discharge pipe) TH33 (Compressor)	Combined Port
12	T7W F44 202	THERMISTOR	1	1	1	1	TH32 (Suction pipe)	
13	T7W F43 202	THERMISTOR	1	1	1	1	TH3 (Liquid pipe)	
14	T7W F02 202	THERMISTOR W	1	1	1	1	TH6 (2-phase pipe) TH7 (Ambient)	Combined Port
15	T7W E15 208	H.P.SWITCH UL4.14MPA	1	1	1	1	63H	
16	T7W E23 413	CHARGE PLUG/LB90	1	1	1	1		
17	T7W S07 242	SOLENOID COIL (21S4)	1	1			21S4	Includes SCREW
18	T7W E28 403	4WAY VALVE	1	1	1	1	21S4	
19	T7W E08 410	STOP VALVE ASSY	1	1	1	1		Includes STRAINER 1/4F, 1/2F
20	T7W A25 401	LEV ASSY-A/C-REC	1	1	1	1	LEV-A	
21	T7W L58 242	LEV COIL/XAP5-WH	1	1	1	1	LEV-A	
22	T7W B19 401	LEV ASSY-B/REC-V	1	1	1	1	LEV-B	
23	T7W L59 242	LEV COIL/XAP5-RED	1	1	1	1	LEV-B	
24	T7W A01 455	REF. MARKER (SNAP) 1P	1	1	1	1		
25	T7W A02 455	REF. MARKER (SNAP)	1	1	1	1		

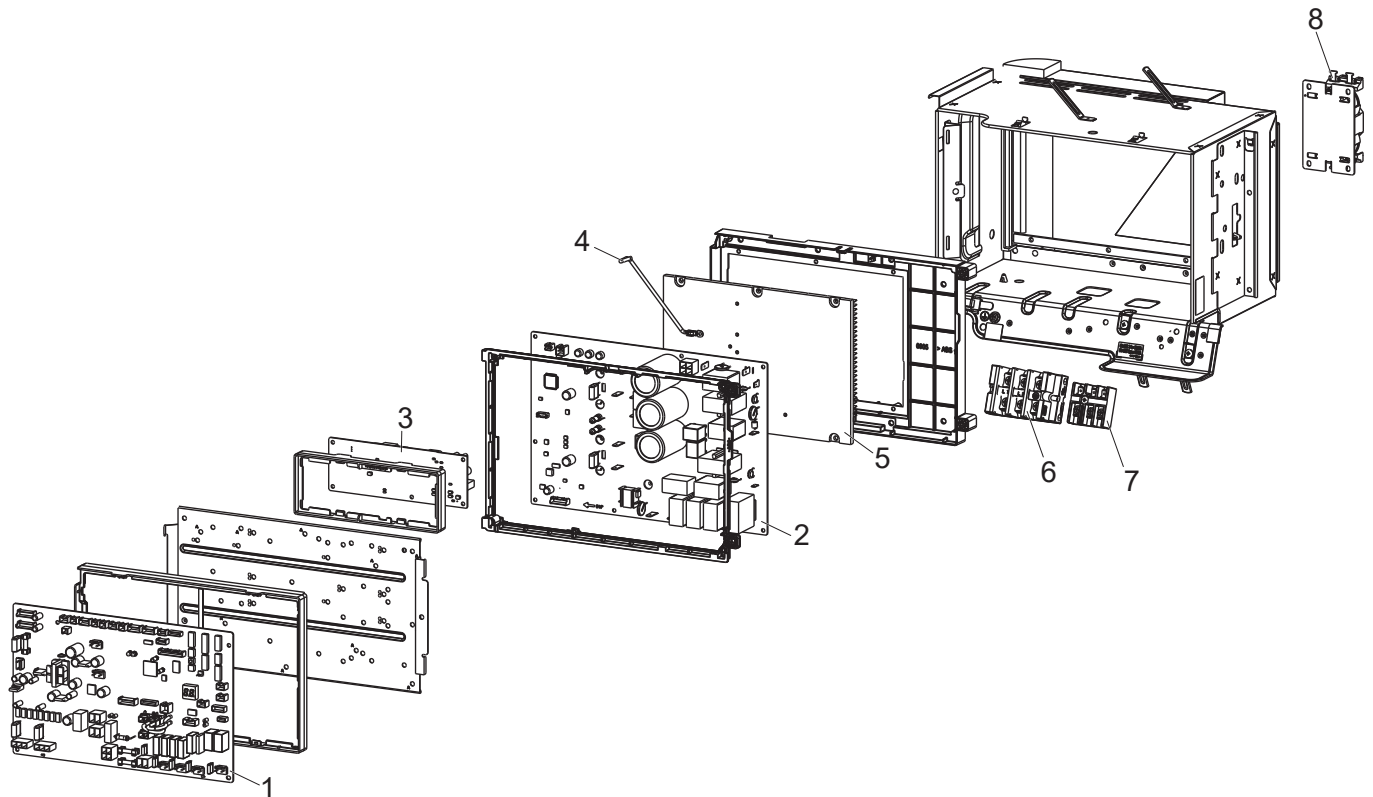
STRUCTURAL PARTS



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-AH24NL2-U1	PUZ-AH30NL2-U1	PUY-AH24NL2-U1	PUY-AH30NL2-U1	Wiring Diagram Symbol	Remarks
1	T7W E12 662	SIDE PANEL (L)	1	1	1	1		
2	T7W A05 655	HANDLE	3	3	3	3		
3	T7W A08 655	HANDLE (REAR)	1	1	1	1		
4	T7W E16 691	WIRE GRILLE	1	1	1	1		
5	T7W E34 668	FRONT PANEL	1	1	1	1		
6	T7W E37 686	BASE ASSY	1	1	1	1		
7	T7W E10 667	SERVICE PANEL	1	1	1	1		
8	T7W F03 658	COVER PANEL (FRONT)	1	1	1	1		
9	T7W E17 658	COVER PANEL (REAR)	1	1	1	1		
10	T7W E41 661	SIDE PANEL (R)	1	1	1	1		
11	T7W E21 641	TOP PANEL	1	1	1	1		
12	T7W E24 130	MOTOR SUPPORT	1	1	1	1		
13	T7W A27 005	BRAND LABEL	1	1	1	1		

ELECTRICAL PARTS

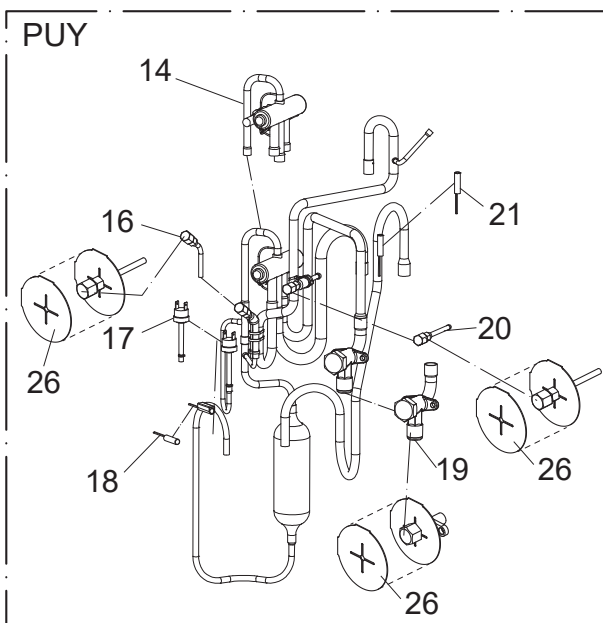
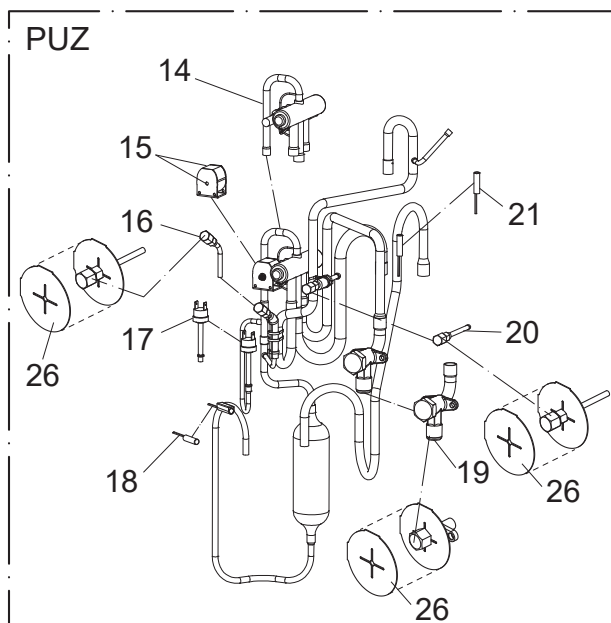
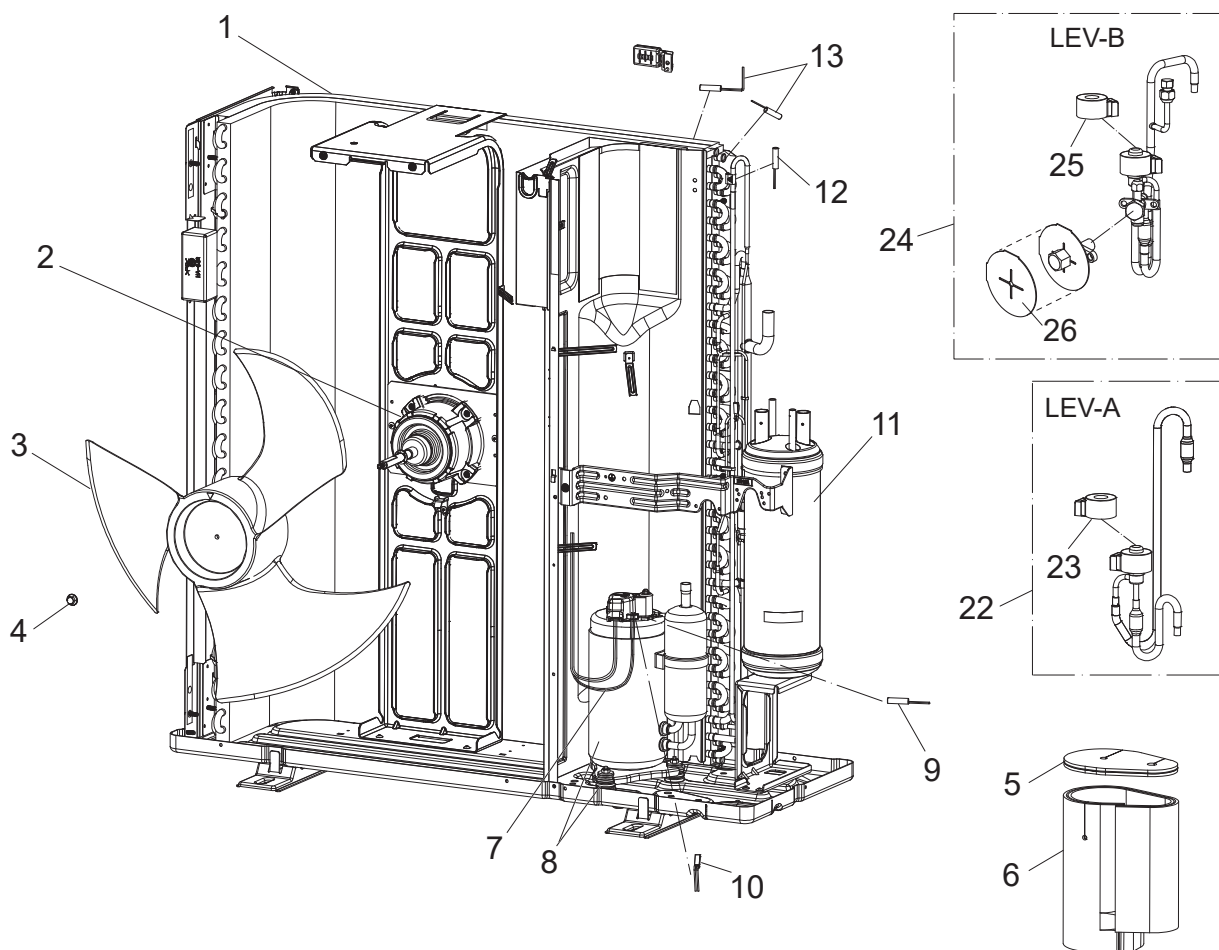


1. The part quantity below indicates the required number of pieces per unit.
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No.	Parts No.	Parts Name	PUZ-AH24NL2-U1	PUZ-AH30NL2-U1	PUY-AH24NL2-U1	PUY-AH30NL2-U1	Wiring Diagram Symbol	Remarks
1	T7W SE9 315	CONTROLLER BOARD	1	1	1	1	C.B.	
2	T7W S16 373	POWER BOARD	1	1	1	1	P.B.	Includes SILICON
3	T7W T59 346	NOISE C BOARD	1	1	1	1	N.C	
4	T7W F15 202	THERMISTOR (HS)	1	1	1	1	TH8 (Heat Sink)	
5	T7W A09 371	HEAT SINK	1	1	1	1		Includes SCREWS
6	T7W P05 246	T.B./L1.L2.E	1	1	1	1	TB1	
7	T7W S03 246	T.B./S1.S2.S3	1	1	1	1	TB2	
8	T7W E40 259	REACTOR	1	1	1	1	DCL	

FUNCTIONAL PARTS

PUZ-AH24NL2-U1 PUZ-AH30NL2-U1 PUY-AH24NL2-U1 PUY-AH30NL2-U1

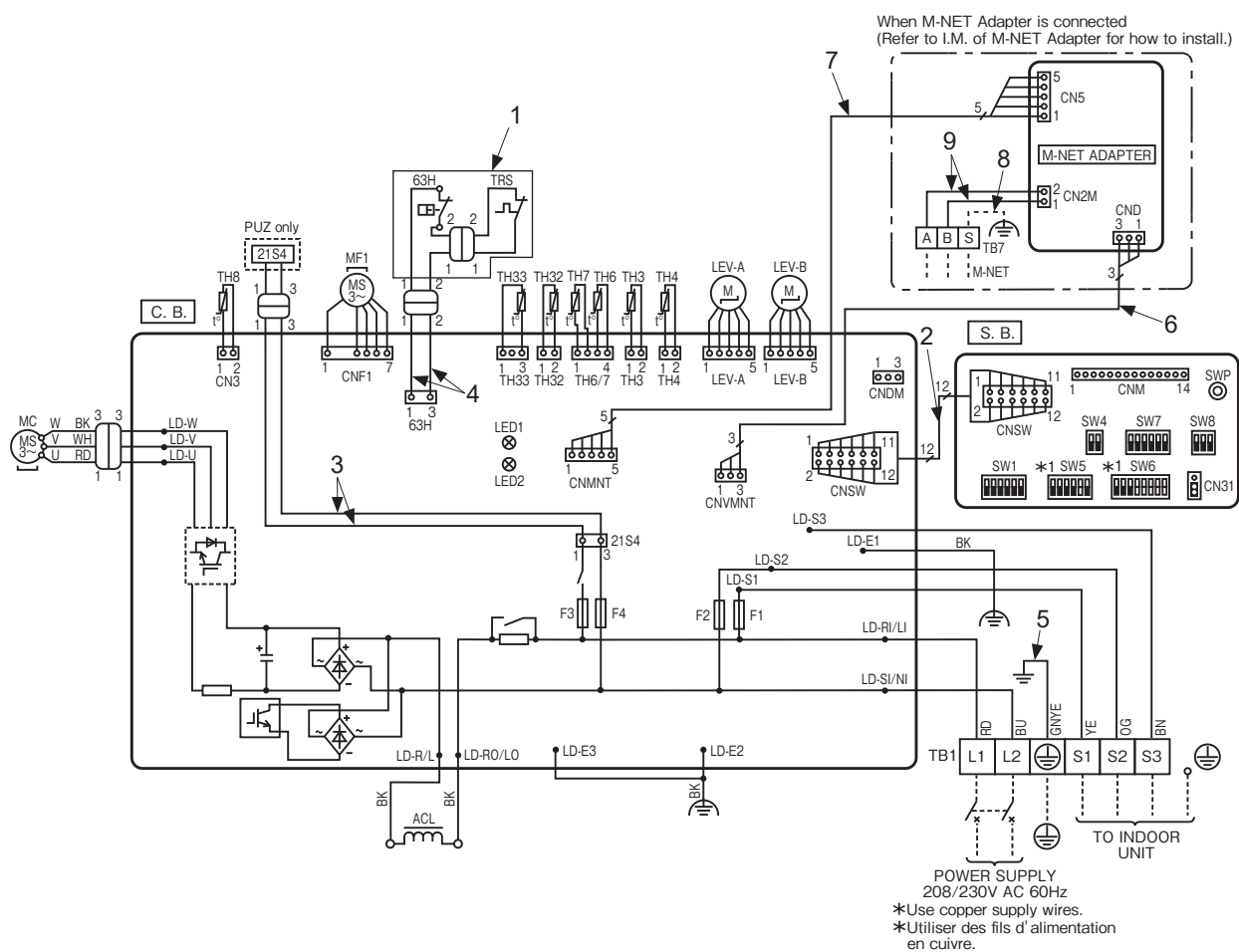


1. The part quantity below indicates the required number of pieces per unit.
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No.	Parts No.	Parts Name	PUZ-AH24NL2-U1	PUZ-AH30NL2-U1	PUY-AH24NL2-U1	PUY-AH30NL2-U1	Wiring Diagram Symbol	Remarks
1	T7W F10 408	HEAT EXCHANGER	1	1	1	1		
2	T7W A20 221	FAN MOTOR	1	1	1	1	MF1	
3	T7W A01 115	PROPELLER FAN	1	1	1	1		
4	T7W E01 097	CAP NUT (MEC) M6	1	1	1	1		
5	T7W T19 602	COMP FELT (TOP)	1	1	1	1		
6	T7W A19 602	COMP FELT (BODY)	1	1	1	1		
7	T7W C50 510	LEAD ASSY COMP	1	1	1	1		
8	T97 4S0 011	COMPRESSOR	1	1	1	1	MC	SRB172FQHMC-L1 Includes RUBBER MOUNTS
9	T7W E48 201	THERMISTOR/SHELL	1	1	1	1	TH33 (Compressor)	
10	T7W E30 201	TRS ASSY	1	1	1	1	TRS	
11	T7W E43 440	POWER RECEIVER	1	1	1	1		
12	T7W F30 202	THERMISTOR	1	1	1	1	TH3 (Liquid pipe)	
13	T7W F27 202	THERMISTOR W	1	1	1	1	TH6 (2-phase pipe) TH7 (Ambient)	Combined Port
14	T7W E31 403	4WAY VALVE	1	1	1	1	21S4	
15	T7W S08 242	SOLENOID COIL (21S4)	1	1			21S4	Includes SCREW
16	T7W E14 413	CHARGE PLUG/LB60	1	1	1	1		
17	T7W E15 208	H.P. SWITCH UL4.14MPA	1	1	1	1	63H	
18	T7W E47 201	THERMISTOR (DIS)	1	1	1	1	TH4 (Discharge pipe)	
19	T7W E09 410	STOP VALVE 5/8F	1	1	1	1		Includes STRAINER 5/8F
20	T7W E15 413	CHARGE PLUG/ST	1	1	1	1		
21	T7W F29 202	THERMISTOR	1	1	1	1	TH32 (Suction pipe)	
22	T7W A21 401	LEV ASSY-A/C-REC	1	1	1	1	LEV-A	
23	T7W L12 242	LEV COIL/XAP5-WH	1	1	1	1	LEV-A	
24	T7W B21 401	LEV ASSY-B/REC-V	1	1	1	1	LEV-B	
25	T7W L13 242	LEV COIL/XAP5-RED	1	1	1	1	LEV-B	
26	T7W A01 455	REF. MARKER (SNAP) 1P	1	1	1	1		

LEAD WIRE ASSEMBLY

PUZ-AK12NL2-U1 PUZ-AK18NL2-U1 PUY-AK12NL2-U1 PUY-AK18NL2-U1

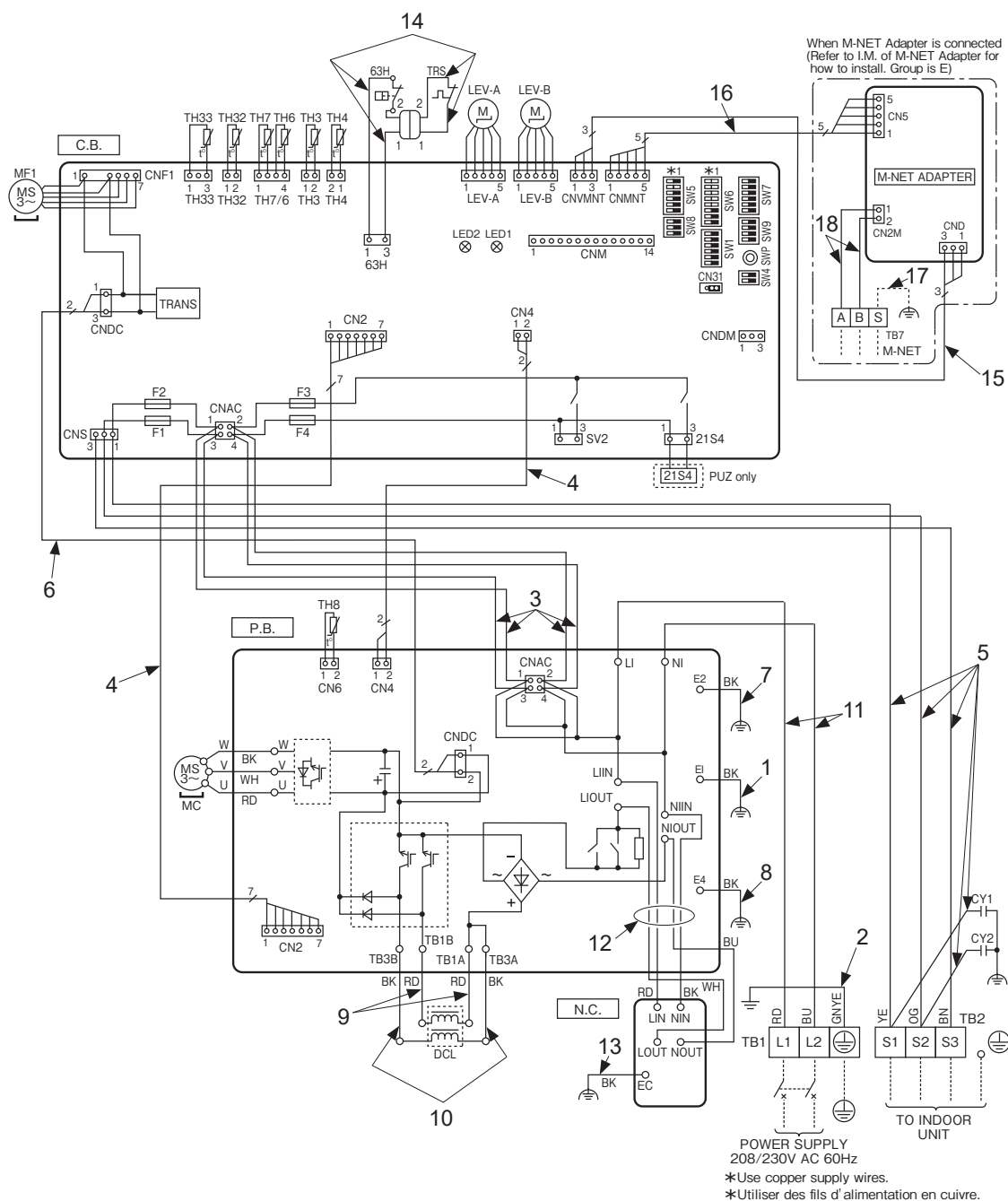


1. The part quantity below indicates the required number of pieces per unit.
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No.	Parts No.	Parts Name	PUZ-AK12NL2-U1	PUZ-AK18NL2-U1	PUY-AK12NL2-U1	PUY-AK18NL2-U1	Wiring Diagram Symbol	Remarks
1	T7W A71 304	LEAD WIRE ASSEMBLY	1	1	1	1		
2	T7W A72 304	LEAD WIRE ASSEMBLY	1	1	1	1		
3	T7W A73 304	LEAD WIRE ASSEMBLY	1	1				
4	T7W A74 304	LEAD WIRE ASSEMBLY	1	1	1	1		
5	T7W C03 304	LEAD WIRE ASSEMBLY	1	1	1	1		
6	T7W A78 304	LEAD WIRE ASSEMBLY	1	1	1	1		
7	T7W A79 304	LEAD WIRE ASSEMBLY	1	1	1	1		
8	T7W A76 304	LEAD WIRE ASSEMBLY	1	1	1	1		
9	T7W A77 304	LEAD WIRE ASSEMBLY	1	1	1	1		

LEAD WIRE ASSEMBLY

PUZ-AH24NL2-U1 PUZ-AH30NL2-U1 PUY-AH24NL2-U1 PUY-AH30NL2-U1



1. The part quantity below indicates the required number of pieces per unit.
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No.	Parts No.	Parts Name	PUZ-AH24NL2-U1	PUZ-AH30NL2-U1	PUY-AH24NL2-U1	PUY-AH30NL2-U1	Wiring Diagram Symbol	Remarks
1	T7W A80 304	LEAD WIRE ASSEMBLY	1	1	1	1		
2	T7W A81 304	LEAD WIRE ASSEMBLY	1	1	1	1		
3	T7W A03 304	LEAD WIRE ASSEMBLY	1	1	1	1		
4	T7W A04 304	LEAD WIRE ASSEMBLY	1	1	1	1		
5	T7W A05 304	LEAD WIRE ASSEMBLY	1	1	1	1		
6	T7W A06 304	LEAD WIRE ASSEMBLY	1	1	1	1		
7	T7W A07 304	LEAD WIRE ASSEMBLY	1	1	1	1		
8	T7W A82 304	LEAD WIRE ASSEMBLY	1	1	1	1		
9	T7W A09 304	LEAD WIRE ASSEMBLY	1	1	1	1		
10	T7W A10 304	LEAD WIRE ASSEMBLY	1	1	1	1		
11	T7W A83 304	LEAD WIRE ASSEMBLY	1	1	1	1		
12	T7W A84 304	LEAD WIRE ASSEMBLY	1	1	1	1		
13	T7W A85 304	LEAD WIRE ASSEMBLY	1	1	1	1		
14	T7W A12 304	LEAD WIRE ASSEMBLY	1	1	1	1		
15	T7W A13 304	LEAD WIRE ASSEMBLY	1	1	1	1		
16	T7W A14 304	LEAD WIRE ASSEMBLY	1	1	1	1		
17	T7W A15 304	LEAD WIRE ASSEMBLY	1	1	1	1		
18	T7W A16 304	LEAD WIRE ASSEMBLY	1	1	1	1		

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