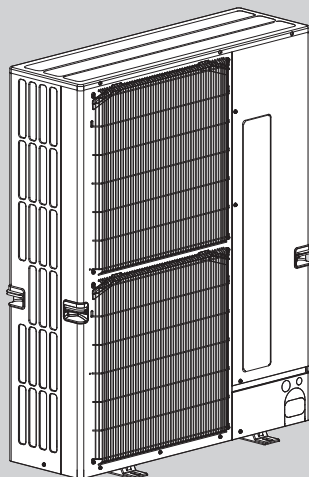


PARTS CATALOG R454B

[Model Name]	[Service Reference]
PUZ-AK24NLHZ2	PUZ-AK24NLHZ2-U1
PUZ-AK30NLHZ2	PUZ-AK30NLHZ2-U1
PUZ-AK36NLHZ2	PUZ-AK36NLHZ2-U1
PUZ-AK42NLHZ2	PUZ-AK42NLHZ2-U1
PUZ-AK48NLHZ2	PUZ-AK48NLHZ2-U1
PUZ-AK60NLHZ2	PUZ-AK60NLHZ2-U1
SUZ-AK24NLHZ2	SUZ-AK24NLHZ2-U1
SUZ-AK30NLHZ2	SUZ-AK30NLHZ2-U1
SUZ-AK36NLHZ2	SUZ-AK36NLHZ2-U1
SUZ-AK48NLHZ2	SUZ-AK48NLHZ2-U1



PUZ-AK24NLHZ2	SUZ-AK24NLHZ2
PUZ-AK30NLHZ2	SUZ-AK30NLHZ2
PUZ-AK36NLHZ2	SUZ-AK36NLHZ2
PUZ-AK42NLHZ2	SUZ-AK48NLHZ2
PUZ-AK48NLHZ2	
PUZ-AK60NLHZ2	

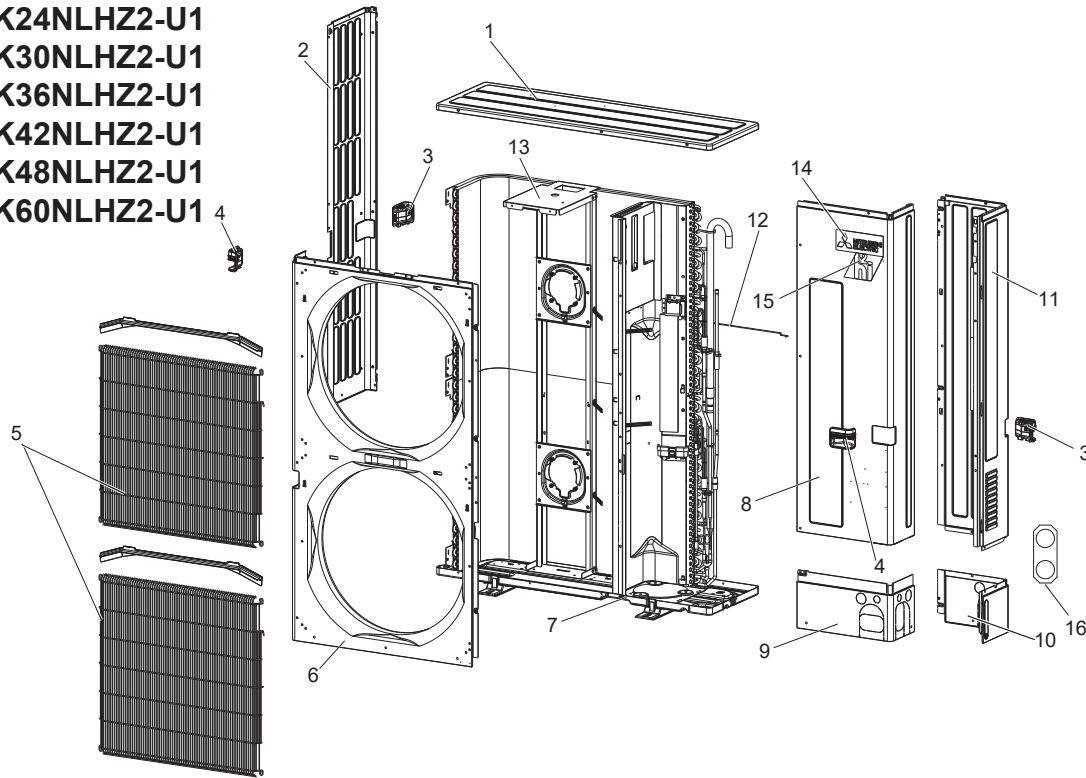
CONTENTS

1. SERVICE PARTS LIST.....	2
2. OPTIONAL PARTS.....	12

SERVICE MANUAL (OCH951)

STRUCTURAL PARTS

PUZ-AK24NLHZ2-U1
 PUZ-AK30NLHZ2-U1
 PUZ-AK36NLHZ2-U1
 PUZ-AK42NLHZ2-U1
 PUZ-AK48NLHZ2-U1
 PUZ-AK60NLHZ2-U1



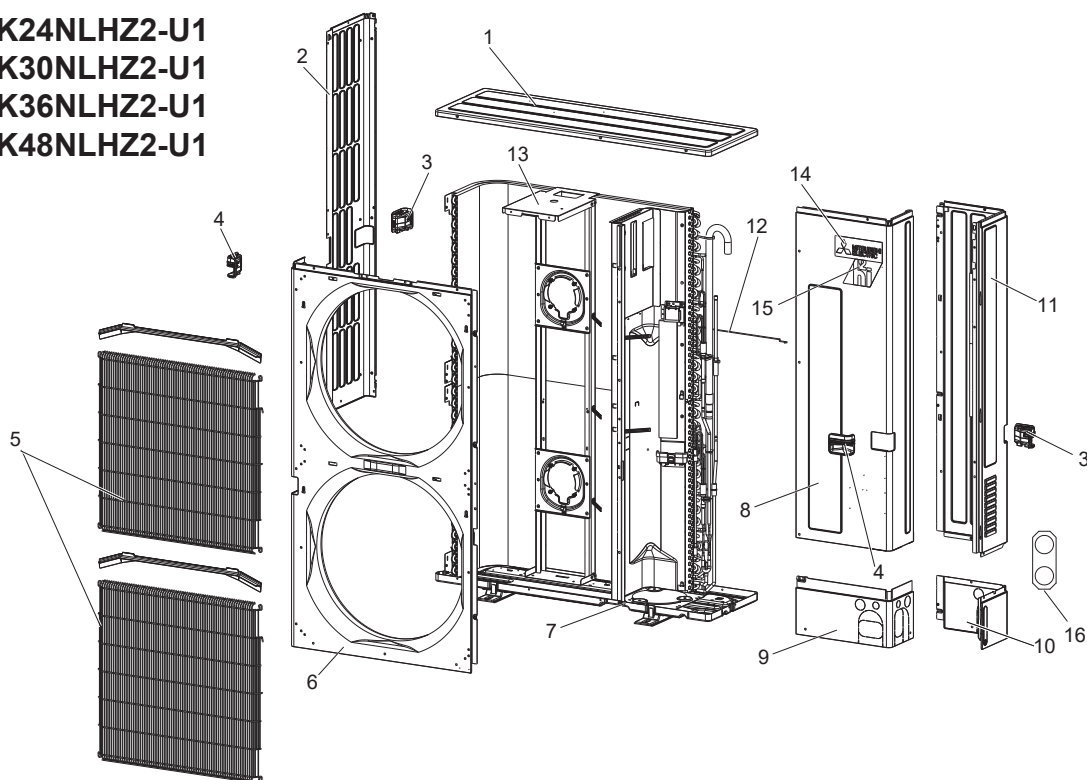
1. The part quantity below indicates the required number of pieces per unit.

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

No.	Parts No.	Parts Name	PUZ-AK24NLHZ2-U1	PUZ-AK30NLHZ2-U1	PUZ-AK36NLHZ2-U1	PUZ-AK42NLHZ2-U1	PUZ-AK48NLHZ2-U1	PUZ-AK60NLHZ2-U1	Wiring Diagram Symbol	Remarks
1	U 2 1 0 0 7 0 0 0	TOP PANEL	1	1	1	1	1	1		
2	U 2 1 0 0 5 0 0 0	SIDE PANEL (L)	1	1	1	1	1	1		
3	U 0 1 0 0 3 8 1 9	HANDLE (REAR)	2	2	2	2	2	2		
4	U 2 1 0 0 1 8 1 9	HANDLE (FRONT)	2	2	2	2	2	2		
5	U 2 1 0 0 1 5 2 1	WIRE GRILLE	2	2	2	2	2	2		
6	U 2 1 0 0 1 0 1 0	FRONT PANEL	1	1	1	1	1	1		
7	U 2 1 0 0 1 2 9 0	BASE ASSY	1	1	1	1	1	1		
8	U 2 1 0 0 2 2 4 5	SERVICE PANEL	1	1	1	1	1	1		
9	U 2 1 0 0 2 0 1 0	COVER PANEL (FRONT)	1	1	1	1	1	1		
10	U 2 1 0 0 3 0 0 0	COVER PANEL (REAR)	1	1	1	1	1	1		
11	U 2 1 0 0 6 0 0 0	SIDE PANEL (R)	1	1	1	1	1	1		
12	U 2 1 0 0 1 1 4 5	SUPPORT WIRE	1	1	1	1	1	1		
13	U 2 1 0 0 4 5 1 5	MOTOR SUPPORT	1	1	1					
13	U 2 1 0 0 3 5 1 5	MOTOR SUPPORT				1	1	1		
14	U 0 1 M 0 1 9 8 7	BRAND LABEL	1	1	1	1	1	1		
15	U 0 1 0 0 4 9 8 7	LABEL(H2I)	1	1	1	1	1	1		
16	U 2 1 0 0 2 9 7 8	CONDUIT PLATE	1	1	1	1	1	1		

STRUCTURAL PARTS

SUZ-AK24NLHZ2-U1
 SUZ-AK30NLHZ2-U1
 SUZ-AK36NLHZ2-U1
 SUZ-AK48NLHZ2-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	SUZ-AK24NLHZ2-U1	SUZ-AK30NLHZ2-U1	SUZ-AK36NLHZ2-U1	SUZ-AK48NLHZ2-U1	Wiring Diagram Symbol	Remarks
1	U 2 1 0 0 7 0 0 0	TOP PANEL	1	1	1	1		
2	U 2 1 0 0 5 0 0 0	SIDE PANEL (L)	1	1	1	1		
3	U 0 1 0 0 3 8 1 9	HANDLE (REAR)	2	2	2	2		
4	U 2 1 0 0 1 8 1 9	HANDLE (FRONT)	2	2	2	2		
5	U 2 1 0 0 1 5 2 1	WIRE GRILLE	2	2	2	2		
6	U 2 1 0 0 1 0 1 0	FRONT PANEL	1	1	1	1		
7	U 2 1 0 0 1 2 9 0	BASE ASSY	1	1	1	1		
8	U 2 1 0 0 2 2 4 5	SERVICE PANEL	1	1	1	1		
9	U 2 1 0 0 2 0 1 0	COVER PANEL (FRONT)	1	1	1	1		
10	U 2 1 0 0 3 0 0 0	COVER PANEL (REAR)	1	1	1	1		
11	U 2 1 0 0 6 0 0 0	SIDE PANEL (R)	1	1	1	1		
12	U 2 1 0 0 1 1 4 5	SUPPORT WIRE	1	1	1	1		
13	U 2 1 0 0 4 5 1 5	MOTOR SUPPORT	1	1	1			
13	U 2 1 0 0 3 5 1 5	MOTOR SUPPORT				1		
14	U 0 1 M 0 1 9 8 7	BRAND LABEL	1	1	1	1		
15	U 0 1 0 0 4 9 8 7	LABEL(H2I)	1	1	1	1		
16	U 2 1 0 0 2 9 7 8	CONDUIT PLATE	1	1	1	1		

FUNCTIONAL PARTS

PUZ-AK24NLHZ2-U1

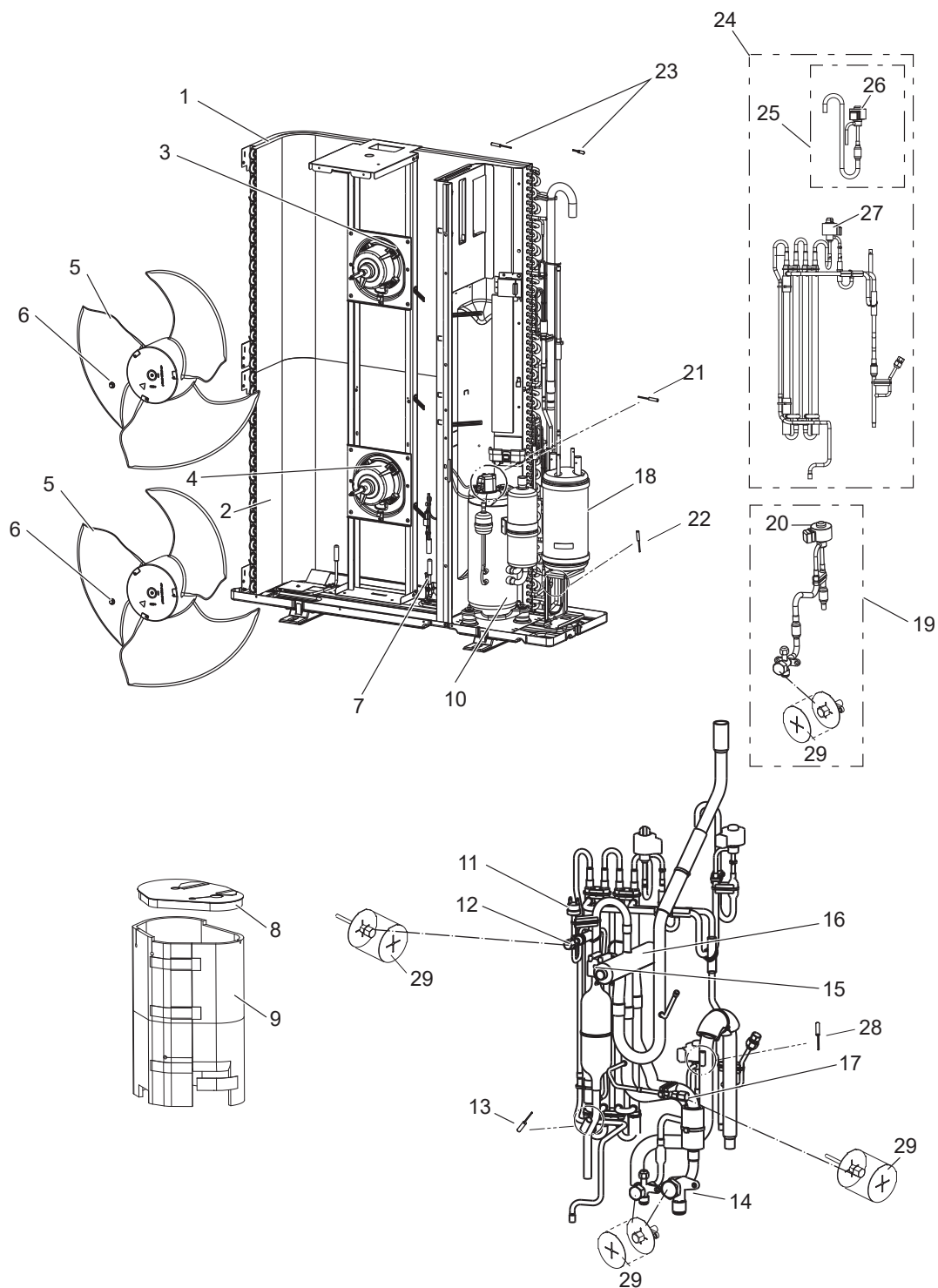
PUZ-AK30NLHZ2-U1

PUZ-AK36NLHZ2-U1

SUZ-AK24NLHZ2-U1

SUZ-AK30NLHZ2-U1

SUZ-AK36NLHZ2-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-AK24NLHZ2-U1	PUZ-AK30NLHZ2-U1	PUZ-AK36NLHZ2-U1	SUZ-AK24NLHZ2-U1	SUZ-AK30NLHZ2-U1	SUZ-AK36NLHZ2-U1	Wiring Diagram Symbol	Remarks
1	U21 007 620	HEAT EXCHANGER (TOP)	1	1	1	1	1	1		Includes JOINT
2	U21 008 620	HEAT EXCHANGER (UNDER)	1	1	1	1	1	1		Includes JOINT
3	U21 001 300	FAN MOTOR	1	1	1	1	1	1	MF1	
4	U21 003 300	FAN MOTOR	1	1	1	1	1	1	MF2	
5	U21 001 501	PROPELLER FAN/D550	2	2	2	2	2	2		
6	U21 001 822	NUT	2	2	2	2	2	2		M6
7	U21 001 381	BASE HEATER	1	1	1	1	1	1	BH, THP	
8	U21 002 100	COMP FELT-TOP/MRK	1	1	1	1	1	1		
9	U21 001 294	COMP FELT-BODY/MRK	1	1	1	1	1	1		
10	U21 003 900	COMPRESSOR	1	1	1	1	1	1	MC	MRK36FFGMC Includes RUBBER MOUNT
11	U01 A02 541	HIGH PRESSURE SWITCH	1	1	1	1	1	1	63H	OFF 4.14MPa
12	U21 001 821	CHARGE PLUG/ST	1	1	1	1	1	1		
13	U21 004 200	THERMISTOR(DIS)	1	1	1	1	1	1	TH4	
14	U21 002 661	STOP VALVE	1	1	1	1	1	1		ø5/8 Includes STRAINER
15	U21 002 243	SOLENOID COIL	1	1	1	1	1	1	21S4	Includes SCREW
16	U21 001 961	4-WAY VALVE	1	1	1	1	1	1		
17	U21 001 821	CHARGE PLUG/ST	1	1	1	1	1	1		
18	U21 001 089	POWER RECEIVER	1	1	1	1	1	1		
19	U21 013 493	LEV-B ASSY	1	1	1	1	1	1		Includes STOP VALVE(ø3/8)
20	U21 001 493	LEV COIL/XAP5-RED	1	1	1	1	1	1	LEV-B	
21	U21 003 200	THERMISTOR(SHELL)	1	1	1	1	1	1	TH33	
22	U21 006 200	THERMISTOR	1	1	1	1	1	1	TH3	
23	U21 008 200	THERMISTOR W	1	1	1	1	1	1	TH6 (Outdoor 2-Phase Pipe) TH7 (Ambient)	
24	U21 011 493	HIC&LEV ASSY	1	1	1	1	1	1		
25	U21 008 493	LEV ASSY-A/C-HIC	1	1	1	1	1	1		
26	U21 010 493	LEV COIL/XAP5-WH	1	1	1	1	1	1	LEV-A	
27	U21 007 493	COIL(LEV)/XAP-5P BLU	1	1	1	1	1	1	LEV-C	
28	U21 009 200	THERMISTOR	1	1	1	1	1	1	TH32	
29	U21 001 104	REF.MARKER(SNAP)1P	4	4	4	4	4	4		

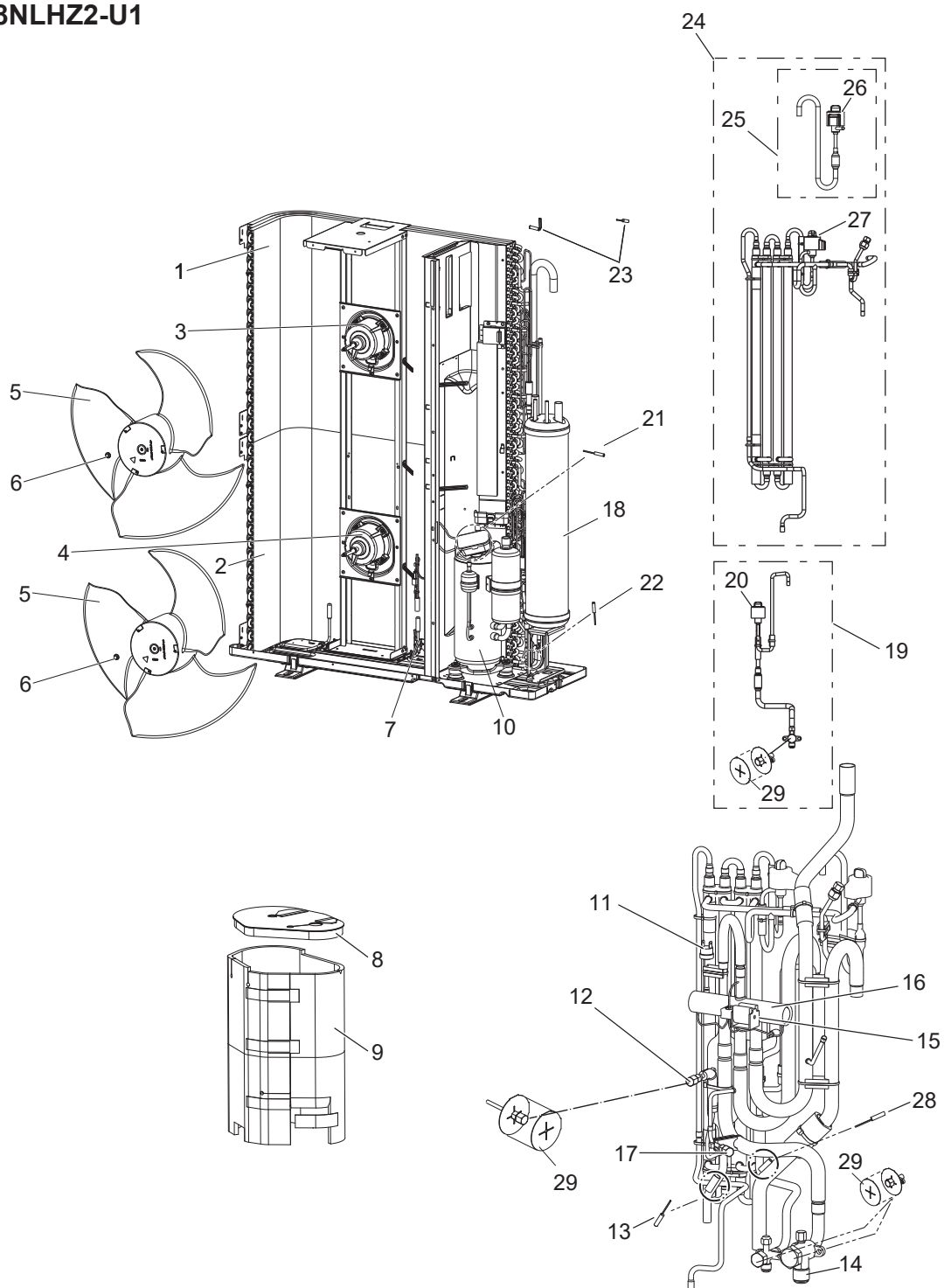
FUNCTIONAL PARTS

PUZ-AK42NLHZ2-U1

PUZ-AK48NLHZ2-U1

PUZ-AK60NLHZ2-U1

SUZ-AK48NLHZ2-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.

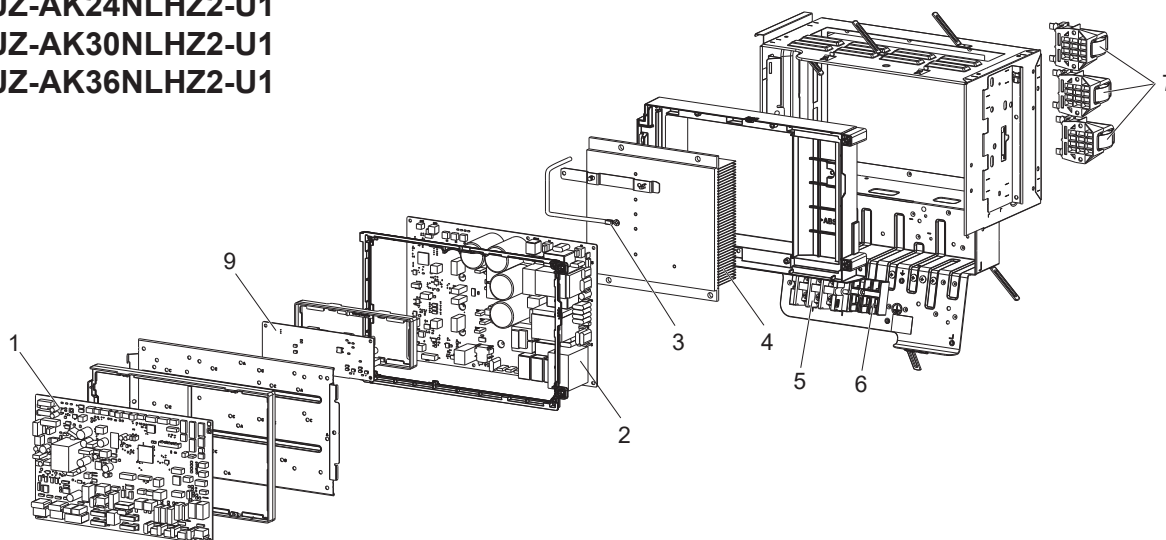
No.	Parts No.	Parts Name	PUZ-AK42NLHZ2-U1	PUZ-AK48NLHZ2-U1	PUZ-AK60NLHZ2-U1	SUZ-AK48NLHZ2-U1	Wiring Diagram Symbol	Remarks
1	U 2 1 0 0 4 6 2 0	HEAT EXCHANGER (TOP)	1	1	1	1		
2	U 2 1 0 0 6 6 2 0	HEAT EXCHANGER (UNDER)	1	1	1	1		
3	U 2 1 0 0 2 3 0 0	FAN MOTOR	1	1	1	1	MF1	
4	U 2 1 0 0 4 3 0 0	FAN MOTOR	1	1	1	1	MF2	
5	U 2 1 0 0 1 5 0 1	PROPELLER FAN/D550	2	2	2	2		
6	U 2 1 0 0 1 8 2 2	NUT	2	2	2	2		M6
7	U 2 1 0 0 1 3 8 1	BASE HEATER	1	1	1	1	BH, THP	
8	U 2 1 0 0 2 1 0 0	COMP FELT-TOP/MRK	1	1	1	1		
9	U 2 1 0 0 1 2 9 4	COMP FELT-BODY/MRK	1	1	1	1		
10	U 2 1 0 0 4 9 0 0	COMPRESSOR	1	1	1	1	MC	MRK53FFJMC-L Includes RUBBER MOUNT
11	U 0 1 A 0 2 5 4 1	HIGH PRESSURE SWITCH	1	1	1	1	63H	OFF 4.14MPa
12	U 2 1 0 0 2 8 2 1	CHARGE PLUG/LB90	1	1	1	1		
13	U 2 1 0 0 4 2 0 0	THERMISTOR(DIS)	1	1	1	1	TH4	
14	U 2 1 0 0 2 6 6 1	STOP VALVE	1	1	1	1		ø5/8 Includes STRAINER
15	U 2 1 0 0 2 2 4 3	SOLENOID COIL	1	1	1	1	21S4	Includes SCREW
16	U 2 1 0 0 1 9 6 1	4-WAY VALVE	1	1	1	1		
17	U 2 1 0 0 2 8 2 1	CHARGE PLUG/LB90	1	1	1	1		
18	U 2 1 0 0 2 0 8 9	POWER RECEIVER	1	1	1	1		
19	U 2 1 0 1 4 4 9 3	LEV-B ASSY	1	1	1	1		Includes STOP VALVE(ø3/8)
20	U 2 1 0 0 2 4 9 3	LEV COIL/XAP5-RED	1	1	1	1	LEV-B	
21	U 2 1 0 0 3 2 0 0	THERMISTOR(SHELL)	1	1	1	1	TH33	
22	U 2 1 0 0 6 2 0 0	THERMISTOR	1	1	1	1	TH3	
23	U 2 1 0 0 8 2 0 0	THERMISTOR W	1	1	1	1	TH6 (Outdoor 2-Phase Pipe) TH7 (Ambient)	
24	U 2 1 0 1 2 4 9 3	HIC&LEV ASSY	1	1	1	1		
25	U 2 1 0 0 9 4 9 3	LEV ASSY-A/C-HIC	1	1	1	1		
26	U 2 1 0 0 4 4 9 3	LEV COIL/XAP5-WH	1	1	1	1	LEV-A	
27	U 2 1 0 0 7 4 9 3	COIL(LEV)/XAP-5P BLU	1	1	1	1	LEV-C	
28	U 2 1 0 1 0 2 0 0	THERMISTOR	1	1	1	1	TH32	
29	U 2 1 0 0 1 1 0 4	REF.MARKER(SNAP)1P	4	4	4	4		

ELECTRICAL PARTS

PUZ-AK24NLHZ2-U1

PUZ-AK30NLHZ2-U1

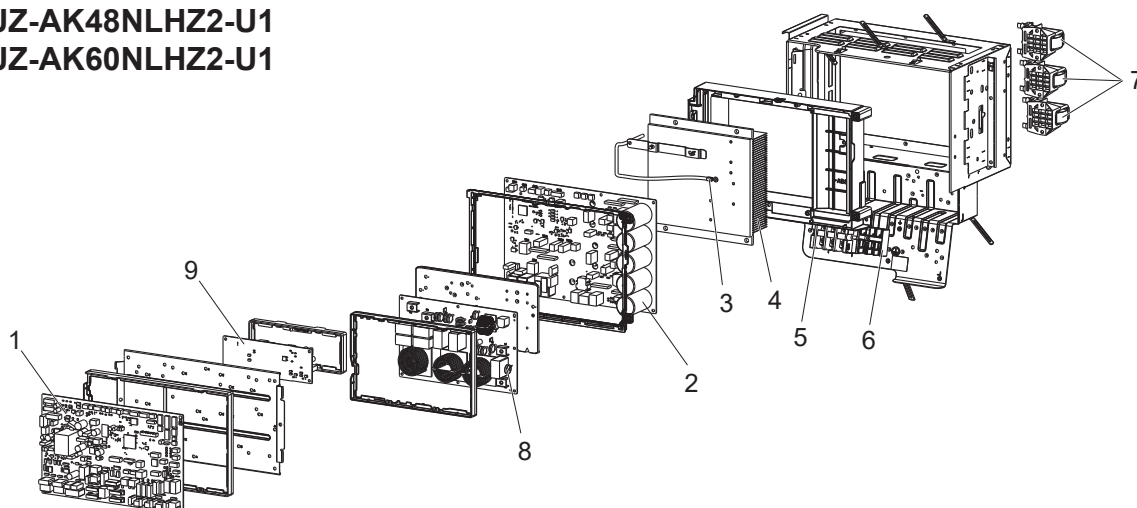
PUZ-AK36NLHZ2-U1



PUZ-AK42NLHZ2-U1

PUZ-AK48NLHZ2-U1

PUZ-AK60NLHZ2-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.

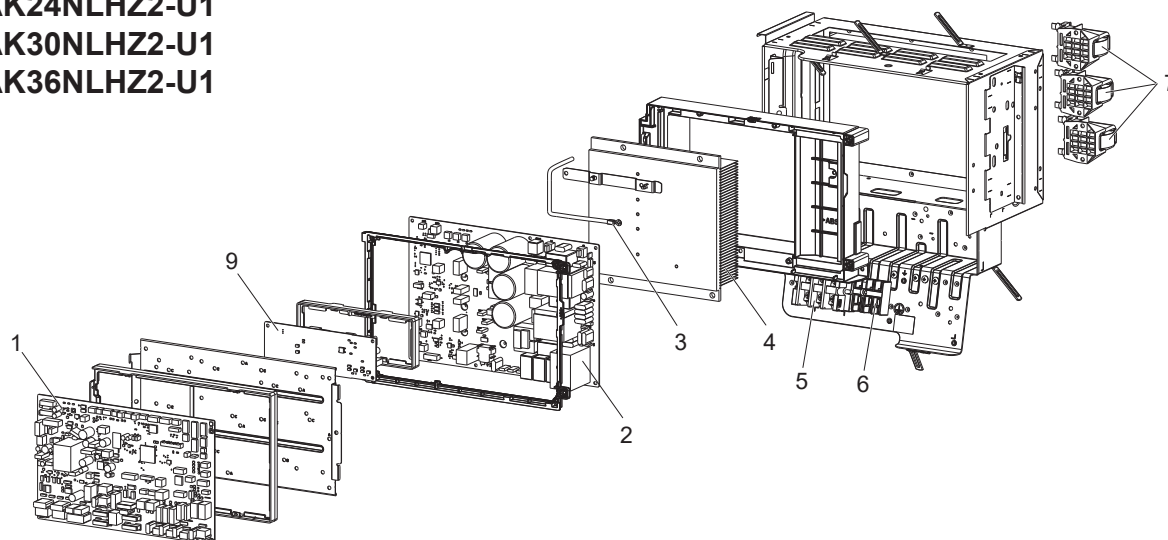
No.	Parts No.	Parts Name	PUZ-AK24NLHZ2-U1	PUZ-AK30NLHZ2-U1	PUZ-AK36NLHZ2-U1	PUZ-AK42NLHZ2-U1	PUZ-AK48NLHZ2-U1	PUZ-AK60NLHZ2-U1	Wiring Diagram Symbol	Remarks
1	U 0 1 0 0 1 2 8 0	CONTROLLER BOARD	1	1	1	1	1	1	C.B.	
2	U 2 1 0 0 3 4 4 0	POWER BOARD	1	1	1				P.B.	
2	U 2 1 0 0 4 4 4 0	POWER BOARD				1	1	1	P.B.	
3	U 2 1 0 0 1 2 0 0	THERMISTOR (HS)	1	1	1				TH8	
3	U 2 1 0 0 2 2 0 0	THERMISTOR (HS)				1	1	1	TH8	
4	U 2 1 0 0 1 6 2 0	HEAT SINK	1	1	1					Includes SCREW
4	U 2 1 0 0 2 6 2 0	HEAT SINK				1	1	1		Includes SCREW
5	U 2 1 0 0 1 2 4 6	TERMINAL BLOCK	1	1	1	1	1	1	TB1 (L1/L2/E)	
6	U 0 1 A 0 7 3 7 4	TERMINAL BLOCK	1	1	1	1	1	1	TB2 (S1/S2/S3)	
7	U 0 1 A 0 7 3 3 7	REACTOR	3	3	3	3	3	3	DCL1,DCL2,DCL3	
8	U 2 1 0 0 2 3 2 3	NOISE FILTER				1	1	1	N.F.	
9	U 2 1 0 0 3 3 2 4	NOISE CANCELLER	1	1	1				N.C.	
9	U 2 1 0 0 4 3 2 4	NOISE CANCELLER				1	1	1	N.C.	

ELECTRICAL PARTS

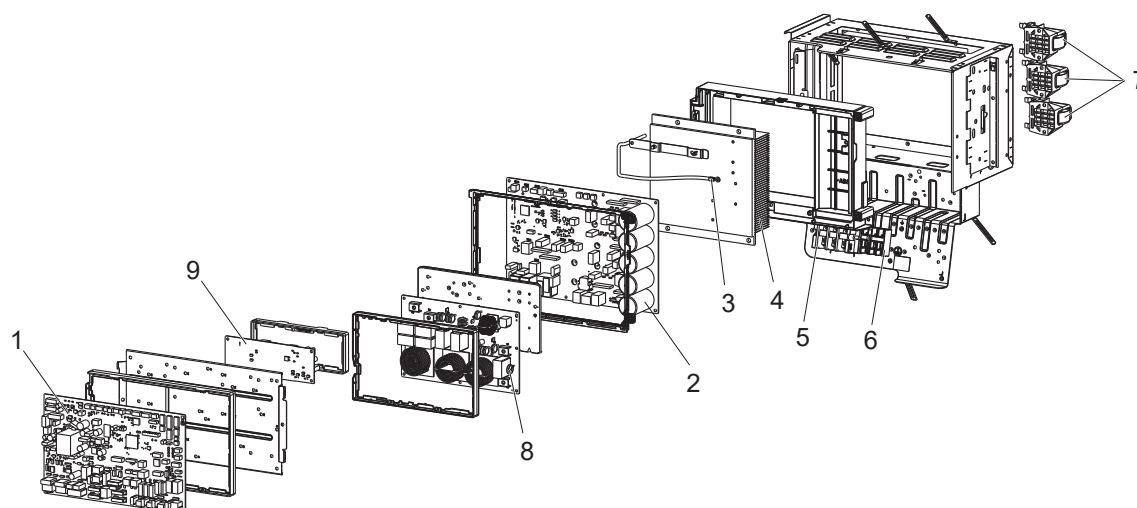
SUZ-AK24NLHZ2-U1

SUZ-AK30NLHZ2-U1

SUZ-AK36NLHZ2-U1



SUZ-AK48NLHZ2-U1



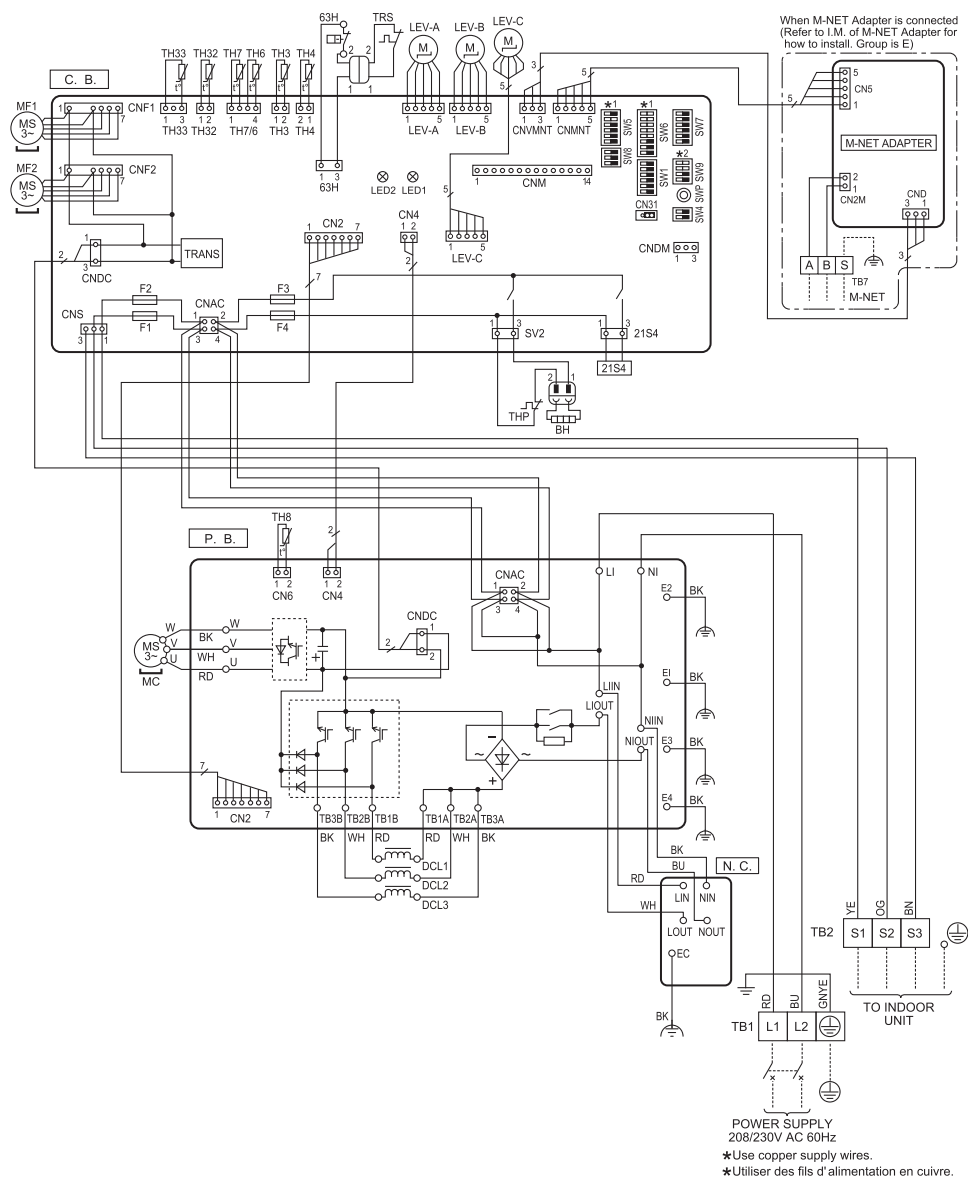
1. The part quantity below indicates the required number of pieces per unit.

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

No.	Parts No.	Parts Name	SUZ-AK24NLHZ2-U1	SUZ-AK30NLHZ2-U1	SUZ-AK36NLHZ2-U1	SUZ-AK48NLHZ2-U1	Wiring Diagram Symbol	Remarks
1	U 0 1 0 0 2 2 8 0	CONTROLLER BOARD	1	1	1	1	C.B.	
2	U 2 1 0 0 3 4 4 0	POWER BOARD	1	1	1		P.B.	
2	U 2 1 0 0 4 4 4 0	POWER BOARD				1	P.B.	
3	U 2 1 0 0 1 2 0 0	THERMISTOR (HS)	1	1	1		TH8	
3	U 2 1 0 0 2 2 0 0	THERMISTOR (HS)				1	TH8	
4	U 2 1 0 0 1 6 2 0	HEAT SINK	1	1	1			Includes SCREW
4	U 2 1 0 0 2 6 2 0	HEAT SINK				1		Includes SCREW
5	U 2 1 0 0 1 2 4 6	TERMINAL BLOCK	1	1	1	1	TB1 (L1/L2/E)	
6	U 0 1 A 0 7 3 7 4	TERMINAL BLOCK	1	1	1	1	TB2 (S1/S2/S3)	
7	U 0 1 A 0 7 3 3 7	REACTOR	3	3	3	3	DCL1,DCL2,DCL3	
8	U 2 1 0 0 2 3 2 3	NOISE FILTER				1	N.F.	
9	U 2 1 0 0 3 3 2 4	NOISE CANCELLER	1	1	1		N.C.	
9	U 2 1 0 0 4 3 2 4	NOISE CANCELLER				1	N.C.	

LEAD WIRE ASSEMBLY

PUZ-AK24NLHZ2-U1 PUZ-AK30NLHZ2-U1 PUZ-AK36NLHZ2-U1
SUZ-AK24NLHZ2-U1 SUZ-AK30NLHZ2-U1 SUZ-AK36NLHZ2-U1

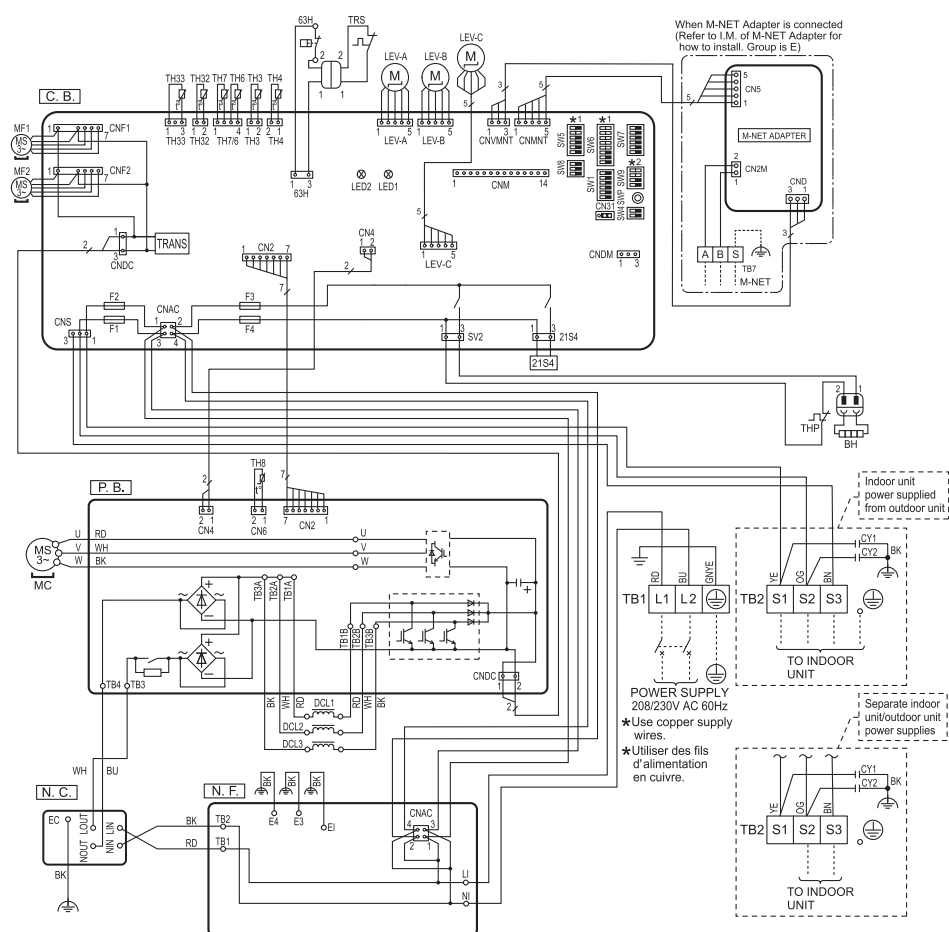


- 1. The part quantity below indicates the required number of pieces per unit.
- 2. The circled No. indicates that the part is not shown in the figure.

No.	Parts No.	Parts Name	PUZ-AK24NLHZ2-U1	PUZ-AK30NLHZ2-U1	PUZ-AK36NLHZ2-U1	SUZ-AK24NLHZ2-U1	SUZ-AK30NLHZ2-U1	SUZ-AK36NLHZ2-U1	Wiring Diagram Symbol	Remarks
①	U 2 1 0 0 4 3 9 2	LEAD ASSY KIT	1	1	1	1	1	1	TRS	Includes LEAD ASSY, LEAD ASSY COMP, TRS ASSY

LEAD WIRE ASSEMBLY

PUZ-AK42NLHZ2-U1 PUZ-AK48NLHZ2-U1 PUZ-AK60NLHZ2-U1
SUZ-AK48NLHZ2-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-AK42NLHZ2-U1	PUZ-AK48NLHZ2-U1	PUZ-AK60NLHZ2-U1	SUZ-AK48NLHZ2-U1	Wiring Diagram Symbol	Remarks
①	U 2 1 0 0 4 3 9 2	LEAD ASSY KIT	1	1	1	1	TRS	Includes LEAD ASSY, LEAD ASSY COMP, TRS ASSY

2

OPTIONAL PARTS

Parts name	Parts No.
AIR GUIDE	PAC-SH95AG-E
AIR OUTLET GUIDE	PAC-SH96SG-E
DRAIN SOCKET	PAC-SG61DS-E
CENTRALIZED DRAINAGE DRAIN PAN	PAC-SH97DP-E
M-NET ADAPTER	PAC-SJ95MA-E
A CONTROL SERVICE INSPECTION KIT	PAC-SK52ST

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