

◆PARTS LIST

Model Name : RUAGP42/51/561C(1/2/3/5/7)(N)(R)8(E/TR)

ITEM	PART DESCRIPTION	PART NUMBER	Quantity	ITEM	PART DESCRIPTION	PART NUMBER	Quantity
1	PANEL ASSEMBLY	30KQA46020721	1	38	HEATER,COMPRESSOR CH-B/D	30UCC65079221	2
2	PANEL	30YHA560171T21	1	39	BUTYL RUBBER	99BR6011AB0100070	10
3	PANEL	30YHA560169T21	1	40	LEAD, COMPRESSOR (A)	30KQA46373821	1
4	PANEL	30YHA560167T21	4	41	LEAD, COMPRESSOR (B)	30KQA46373921	1
5	PANEL	30YHA46020421	1	42	LEAD, COMPRESSOR (C)	30KQA46373021	1
6	PANEL	30YHA560168T21	2	43	LEAD, COMPRESSOR (D)	30KQA46373121	1
7	PULLS	KA26AQ01721	6	50	BPHE ASSEMBLY	30KEA46760021	2
8	DRAIN PAN ASSEMBLY	30YHA46020121	1	50-1	BPHE	LL01AF09821	2
9	BAFFLE	30YHA560207T21	2	52	GASKET, WATER PIPE CONNECTION (2-1/2B)	CT90BS45121	3
10	DC FAN MOTOR	HE83BB40021	4	53	GASKET, WATER PIPE (2B)	CT90BS40121	1
11	LEAD, FAN MOTOR(A)	30KQA46378821	1	54	STRAINER (80A)	KH14DN50121	1
12	LEAD, FAN MOTOR(B)	30KQA46378921	1	54-1	SCREEN, STRAINER	KH14DS50221	1
13	LEAD, FAN MOTOR(C)	30KQA46379021	1	54-2	GASKET, STRAINER	CT95DN50121	1
14	LEAD, FAN MOTOR(D)	30KQA46379121	1	55	GASKET, WATER PIPE-STRAINER □ (3B)	CT90BS50121	1
15	MOTOR MOUNT ASSEMBLY	30YCA460550T21	4	56	CHECK VALVE	EB31UH25021	1
16	PROPELLER FAN	66B021730001	4	57	PLUG, DRAINAGE (1/4")	CA61AS05121	2
17	FAN GUARD	LA30FG77021	4	58	PLUG (1/2")	CA61AS15121	1
18	FAN CABINET	LA30AA77021	4	59	PLUG(for AIR RELEASE)	EB80CT0512B	2
19	FLANGE NUT	66E002330604	4	60	VICTAULIC JOINT (2-1/2B)	CA35VT065CG21	4
20	SQUARE WASHER	AU07ZE03221	4	61	TOUCH-UP PAINT	PH23AP00221	1
21	COMPRESSOR	BK650037010K	4	70	COIL ASSEMBLY (A-L)	30YHA46050521	1
22	VIBRATION-PROOF RUBBER	66E265910110	16	71	COIL ASSEMBLY (A-R)	30YHA46051521	1
23	PMV ASSEMBLY	30KEA4603172A	4	72	COIL ASSEMBLY (C-L, B,D-R)	30YHA46050621	3
23-1	PMV	EA02PA00821	8	73	COIL ASSEMBLY (C-R, B.D-L)	30YHA46051621	3
24	PMV COIL PMV A1/C1	EF29PA00121	2	82	TERMINAL BOX ASSEMBLY, FAN	30KQA46725621	1
25	PMV COIL PMV A2/C2	EF29PA00221	2	82-1	TERMINAL BLOCK (30A-6P)	66C001618401	1
26	PMV COIL PMV B1/D1	EF29PA00321	2	82-2	REACTOR (10A-0.4mH) R1,2,3	HM74FD00221	3
27	PMV COIL PMV B2/D2	EF29PA00421	2	82-3	FUSE (20A)	HY10FS02021	2
28	DISCHARGE PIPE ASSEMBLY(A/B/C/D)	30YCA4603032A	4	82-4	FUSR BLOCK	66D001725101	2
28-1	SOLENOID VALVE	EF21BE00321	4	82-5	BRACH BOARD	HK50CN00121	1
30	COIL, SOLENOID VALVE	EF29BE21121	4	83	HIGH PRESSURE SWITCH 63H-A,C	HK02ZB42121	2
32	ACCUMULATOR ASSEMBLY	30KQA46045021	4	84	HIGH PRESSURE SWITCH 63H-B,D	HK02ZB41821	2
33	INJECTION PIPE ASSEMBLY	30KEA46034021	4	85	THERMISTOR SENSOR □ (for DGT SERVICE)	30UHA64071621	4
33-1	STRAINER	E060690566	4	86	THERMISTOR SENSOR □ (for SERVICE)	30UHA64071021	8
33-2	PMV	66C003552501	4	90	PRESSURE SENSOR(HI) PSH-A,C	HK05PS00121	2
34	PMV COIL	EF29FA00121	4	91	PRESSURE SENSOR(HI) PSH-B,D	HK05PS00221	2
35	COOLING INJECTION PIPE ASSEMBLY	30KEA46035021	4	93	PRESSURE SENSOR(LO) PSL-B,D	HK05PS01221	2
35-1	SOLENOID VALVE	EF21BE00421	4	94	PRESSURE SENSOR(WATER) PSW(E)	HK05PS02221	1
36	COIL, SOLENOID VALVE	EF29BE20021	4	95	PRESSURE SENSOR(WATER) PSW(L)	HK05PS02121	1
37	HEATER,COMPRESSOR CH-A/C	30UCC65079121	2	96	PRESSURE SENSOR(WATER) PSW(S)	HK05PS02021	1

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ITEM	PART DESCRIPTION	PART NUMBER	Quantity	ITEM	PART DESCRIPTION	PART NUMBER	Quantity
100	CONTROL BOX ASSEMBLY	30KEA46771221	1	100-3-21	RELAY SOCKET	HN61MB00221	1
100-1	COOLING FAN	30KQA4627532B	3	100-4	PWM BOX ASSEMBLY (C/D CIRCUIT)	30KQA46477221	1
100-2	MAIN BOX ASSEMBLY	30KEA46772221	1	100-4-1	CONTACTOR 52C(C/D)	66C000419909	2
100-2-1	HIF BOARD ASSEMBLY	30KEA46073021	1	100-4-2	PTC THERMISTOR PTC(C/D)	66C004189901	2
100-2-1-1	UC-HIF BOARD UC-HIF	99PCB454CRBA3021	1	100-4-3	REACTOR(CH-93-3-D-CZ) L1(C)	HM74FH09821	1
100-2-1-2	LABEL (COOLING ONLY)	HH82RC10221	1	100-4-4	REACTOR(CH-93-4-D-CZ) L1(D)	HM74FH09921	1
100-2-2	UC-CPU BOARD UC-CPU	99PCB444KQA10721	1	100-4-5	REACTOR L2(C)	HM74DD40121	1
100-2-3	UC-IO BOARD UC-IO	99PCB462IOBA4021	1	100-4-6	REACTOR L2(D)	HM74DD40221	1
100-2-4	TERMINAL BLOCK (3P) TB3	66C001617501	1	100-4-7	CAPACITOR C1,2(C/D)	HC96CU02221	2
100-2-5	TERMINAL BLOCK (4P-150A) TB1	66C001620801	1	100-4-8	RESISTOR R1,2(C/D)	66D001718202	2
100-2-6	FILTER BOARD NF1	66RBP-NOISEF-V	1	100-4-9	PMW BOARD PWM(C/D)	99PCB496YEA91421	2
100-2-7	LINE FILTER (RED)	66C001059601	1	100-4-10	IPM (400V-75A) IPM1(C/D)	66C004860003	2
100-2-8	SURGE ABSORBER THB	66RBP-THUDER2-V	1	100-4-11	IPM (400V-50A) IPM2(C/D)	66C004860002	2
100-2-9	POWER BOARD(DC24V-150W) PB1	HT50PT10621	1	100-4-12	DCCT (50A) CT3,4(C/D)	66C004197901	8
100-2-11	CIRCUIT BREAKER (32A) □ CB-A-D/CB-1	HH83FG05021	5	100-4-13	HEATSINK SENSOR TH(C/D)	66B004179279	2
100-2-13	TRANSFORMER ASSEMBLY Tr	30YHA46173521	1	100-4-14	CAPACITOR ASSEMBLY C3(C/D)	30UHC44079121	2
100-2-14	FUSE (16A) F1	HY10FS01621	1	100-4-15	CAPACITOR ASSEMBLY C4(C/D)	30UHC44079321	2
100-2-15	FUSE BLOCK	66D001725101	1	100-4-16	FILTER BOARD NF(C/D)	66RBP-NOISE2-V	2
200-2-16	PANEL	30KEA56026021	1	100-4-17	LINE FILTER (RED)	66C001059601	2
100-3	PWM BOX ASSEMBLY (A/B CIRCUIT)	30KQA46475221	1	100-4-18	SCREW (TERM)	66E002344803	12
100-3-1	CONTACTOR 52C(A/B)	66C000419909	2	100-4-19	RELAY RY(C/D)	66C000820702	2
100-3-2	PTC THERMISTOR PTC(A/B)	66C004189901	2	100-5	EEV BOX ASSEMBLY	30YCA46074021	2
100-3-3	REACTOR(CH-93-3-D-CZ) L1(A)	HM74FH09821	1	100-5-1	EEV BOARD EEV1,2	99PCB415EEVA2521	2
100-3-4	REACTOR(CH-93-4-D-CZ) L1(B)	HM74FH09921	1				
100-3-5	REACTOR L2(A)	HM74DD40121	1				
100-3-6	REACTOR L2(B)	HM74DD40221	2				
100-3-7	CAPACITOR C1,2(A/B)	HC96CU02221	1				
100-3-8	RESISTOR R1,2(A/B)	66D001718202	1				
100-3-9	PMW BOARD PWM(A/B)	99PCB496YEA91421	1				
100-3-10	IPM (75A) IPM1(A/B)	66C004860003	2				
100-3-11	IPM (50A) IPM2(A/B)	66C004860002	2				
100-3-12	DCCT (50A) CT1,2,3,4(A/B)	66C004197901	8				
100-3-13	HEATSINK SENSOR TH(A/B)	66B004179279	2				
100-3-14	CAPACITOR ASSEMBLY C3(A/B)	30UHC44079121	2				
100-3-15	CAPACITOR ASSEMBLY C4(A/B)	30UHC44079321	2				
100-3-16	FILTER BOARD NF(A/B)	66RBP-NOISE2-V	2				
100-3-17	LINE FILTER (RED)	66C001059601	2				
100-3-18	SCREW (TERM)	66E002344803	12				
100-3-19	RELAY RY(A/B)	66C000820702	2				
100-3-20	RELAY	CT26052504	1				

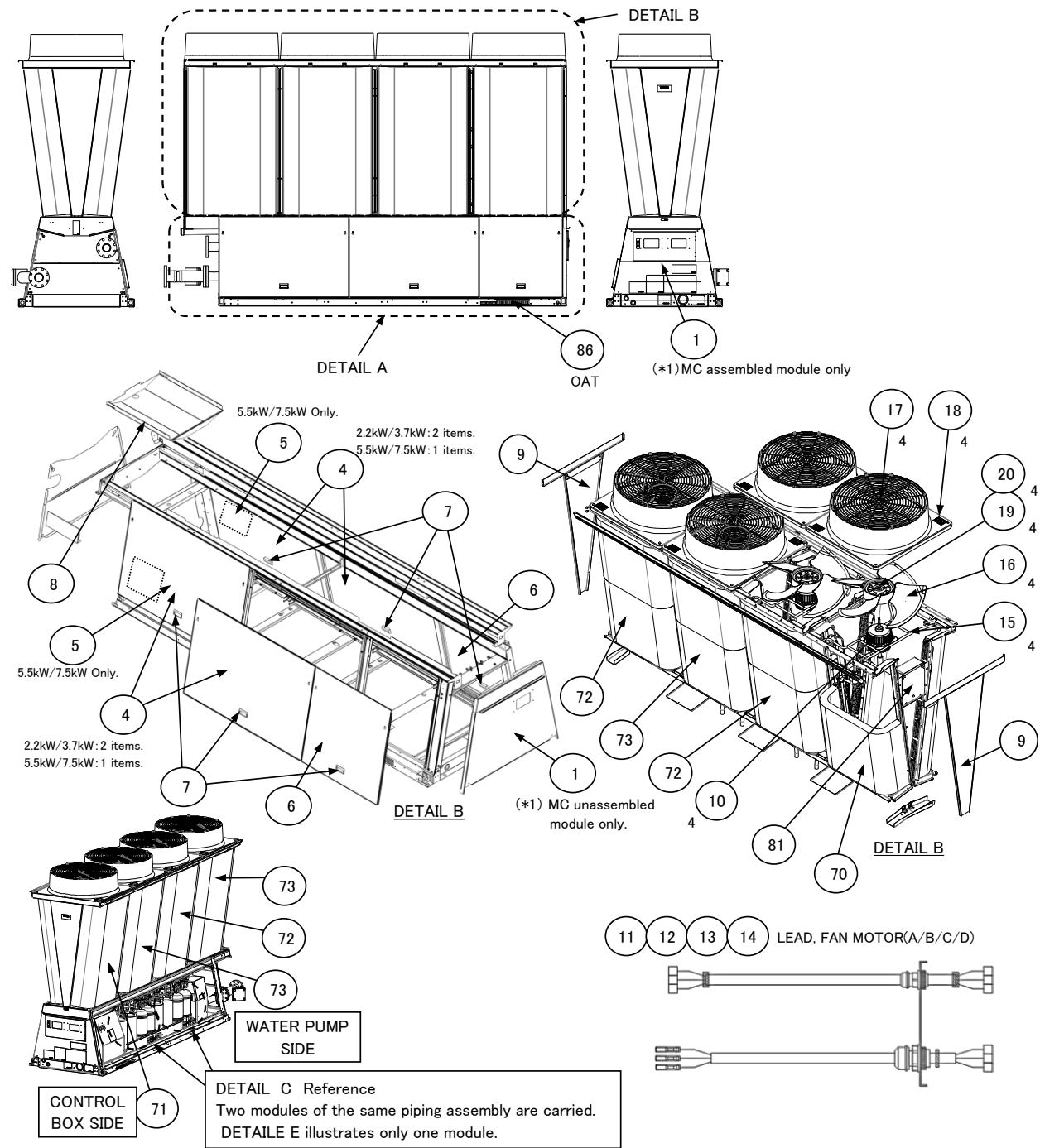
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Note: RUAGP561C2/3/5/7(N)8E (High-EER type) Additional parts of High-EER type.							
9	BAFFLE	30YHA560N207T21	1				
100	CONTROL BOX ASSEMBLY	30KEA467N71221	1				
110	BOX ASSEMBLY, HEAT EXCHANGER WITH WATER SPRAY SYSTEM	30KQA460N95121	1				
110-1	SOLENOID VALVE	EA35TE00121	1				
110-2	WATER FLOW CONTROL VALVE	EB30EA11521	1				
110-2-1	MESH, WATER FLOW CONTROL VALVE	EB30EB01521	1				
111	COVER, BOX ASSEMBLY	30YHA560N225T21	1				
112	PIPE ASSEMBLY, HEAT EXCHANGER WATER SPRAY SYSTEM (LEFT)	30YHA460N96221	1				
112-1	WATER SPRAY NOZZLE	CN01WQ10721	7				
112-2	WATER SPRAY NOZZLE	CN01WR10721	2				
113	PIPE ASSEMBLY, HEAT EXCHANGER WATER SPRAY SYSTEM (RIGHT)	30YHA460N96321	1				
113-1	WATER SPRAY NOZZLE	CN01WQ10721	7				
113-2	WATER SPRAY NOZZLE	CN01WR10721	2				
(*1) In case of MC assembled module, please change the part number as follows.							
1	PANEL ASSEMBLY (MC)	30KQA46014521	1				
100-2-1	HIF BOARD ASSEMBLY	30KQA46473621	1				
※ Note : No.100-2-1-3:MC-CPU boards and No.100-2-1-4:MC-HIF BOARD have different control-programs for each unit's specification. When ordering a MC-CPU or MC-HIF board, please inform us the program number* shown on the board and the serial number of the unit. The requested board will be shipped after control-program is completed.							
100-2-1-3	MC-CPU BOARD MC-CPU	99PCB445KQA50821	1				
100-2-1-4	MC-HIF BOARD MC-HIF	99PCB455LCDA3021	1				
100-2-1-5	LABEL (MODULE CONTROLLER)	HH82RC15021	1				
100-2-1-6	MC-IO BOARD MC-IO	99PCB462IOBA4021	1				
100-2-1-9	HANDLE	KA26UT10021	1				
100-2-1-10	HINGE	KA07NC32121	2				
100-2-1-11	SD Card	HP80SD11621	1				
※ The item No.100-2-2 to 100-2-15 are same as MC							
100-2-16	CIRCUIT BREAKER, MC CB(MC)	HH83GB00321	1				
100-2-17	TRANSFORMER ASSEMBLY Tr(MC)	30KQA46176021	1				
100-2-18	FUSE (1A)	HY10LC00121	1				
100-2-19	FUSE BLOCK	66D001725101	1				
※ The item No.100-3 and 100-4 are same as MC							

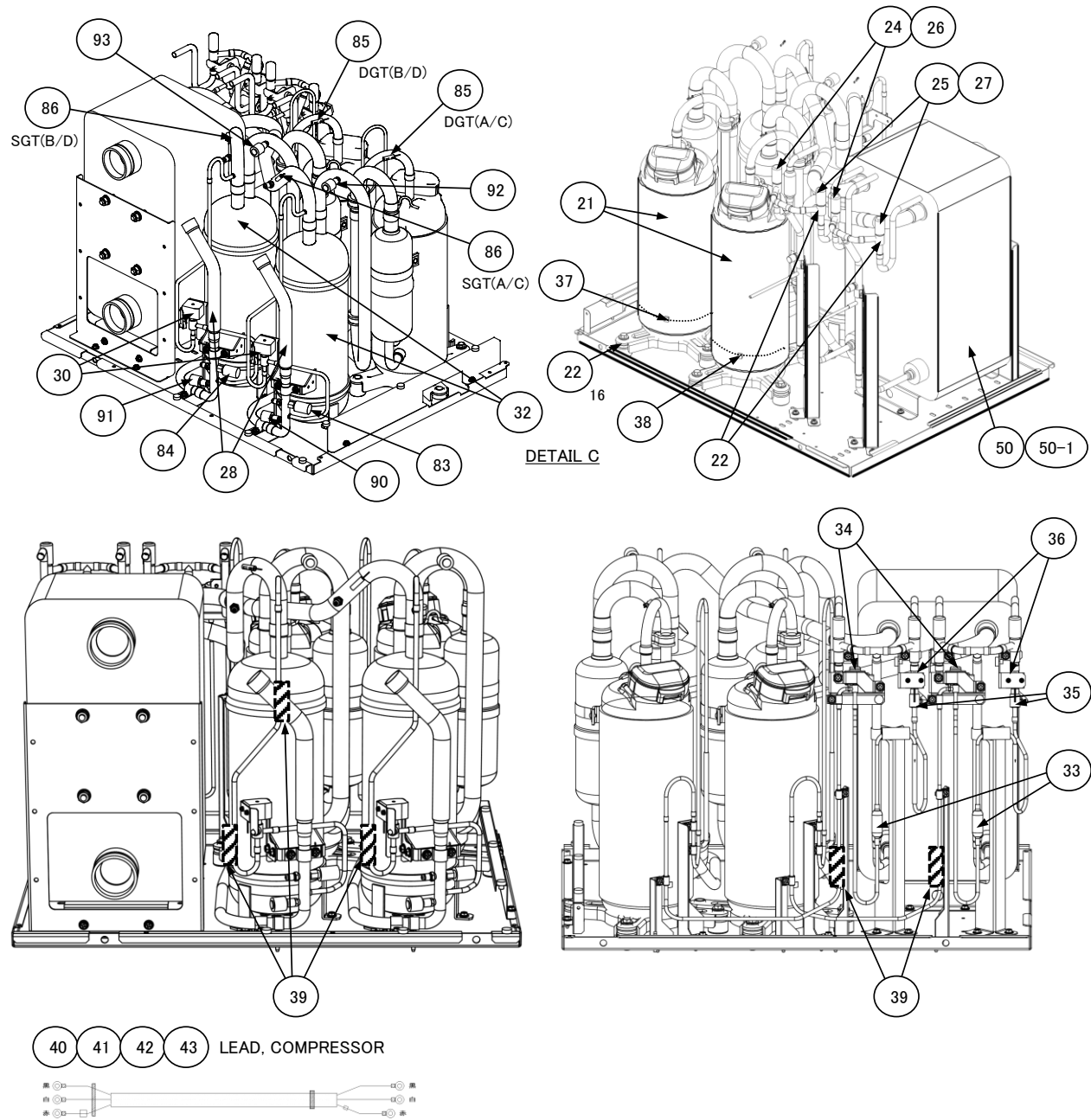
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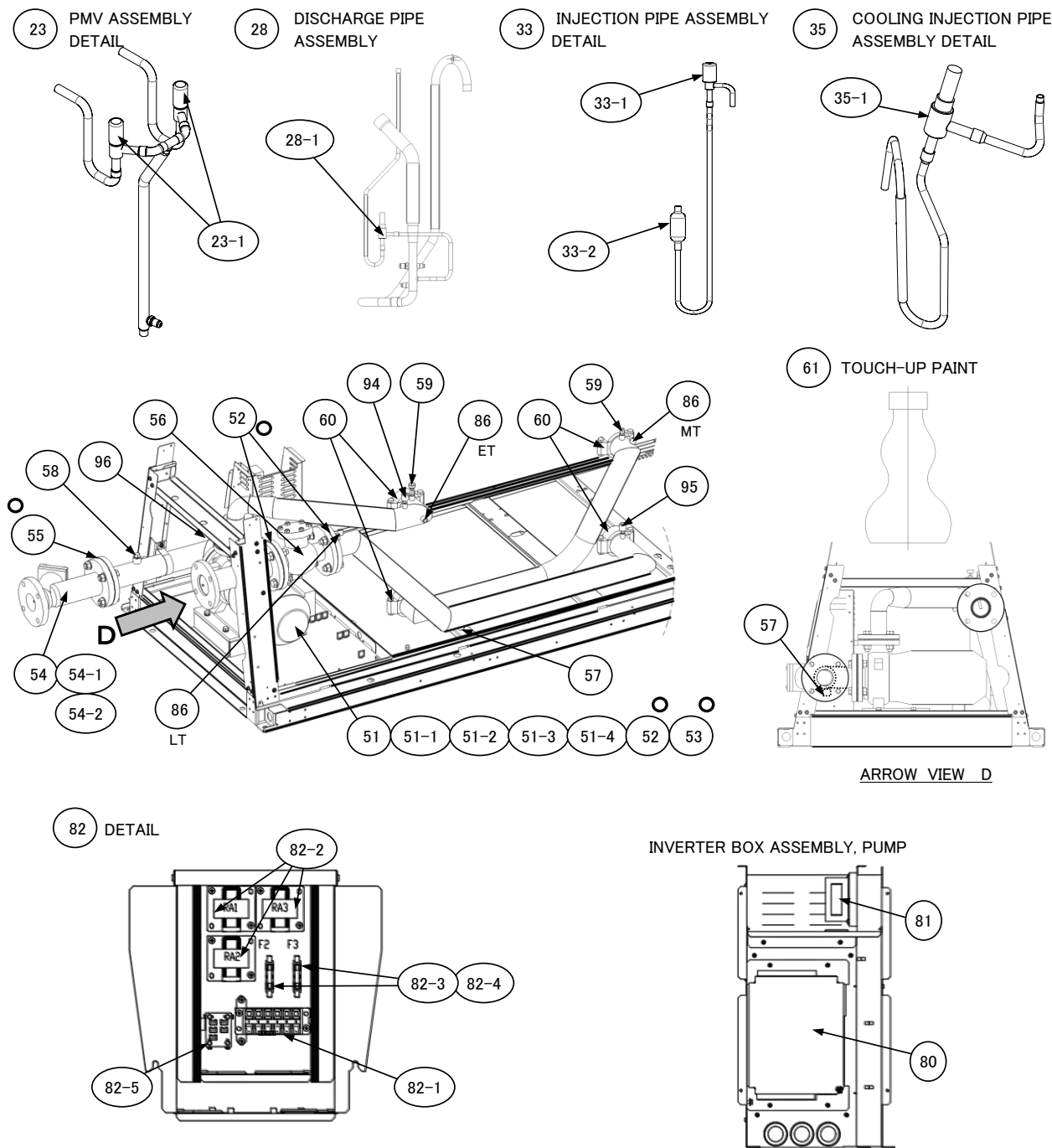
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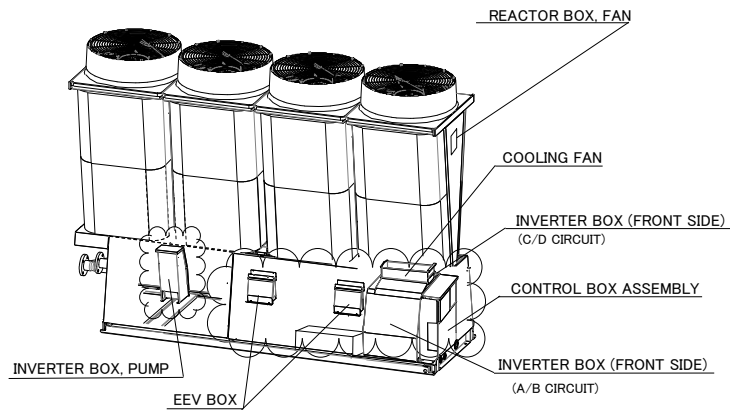
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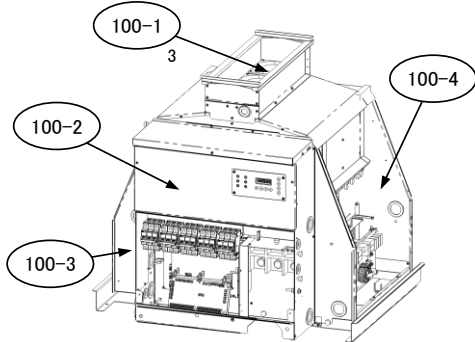
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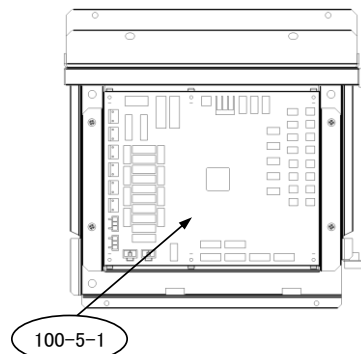
REFERENCE : POSITION of the CONTROL BOX



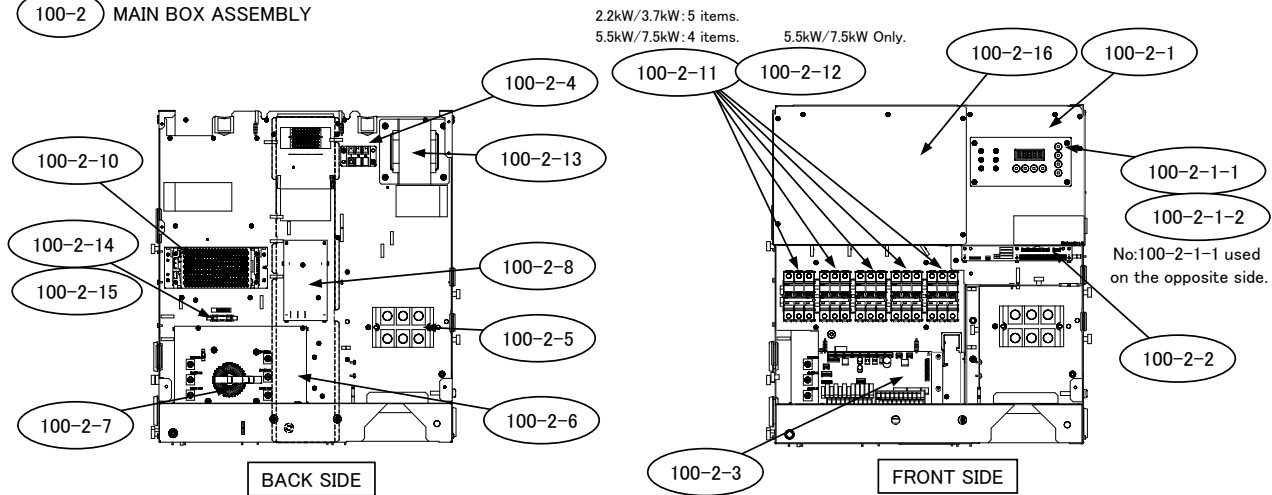
100 CONTROL BOX ASSEMBLY



100-5 EEV BOX ASSEMBLY

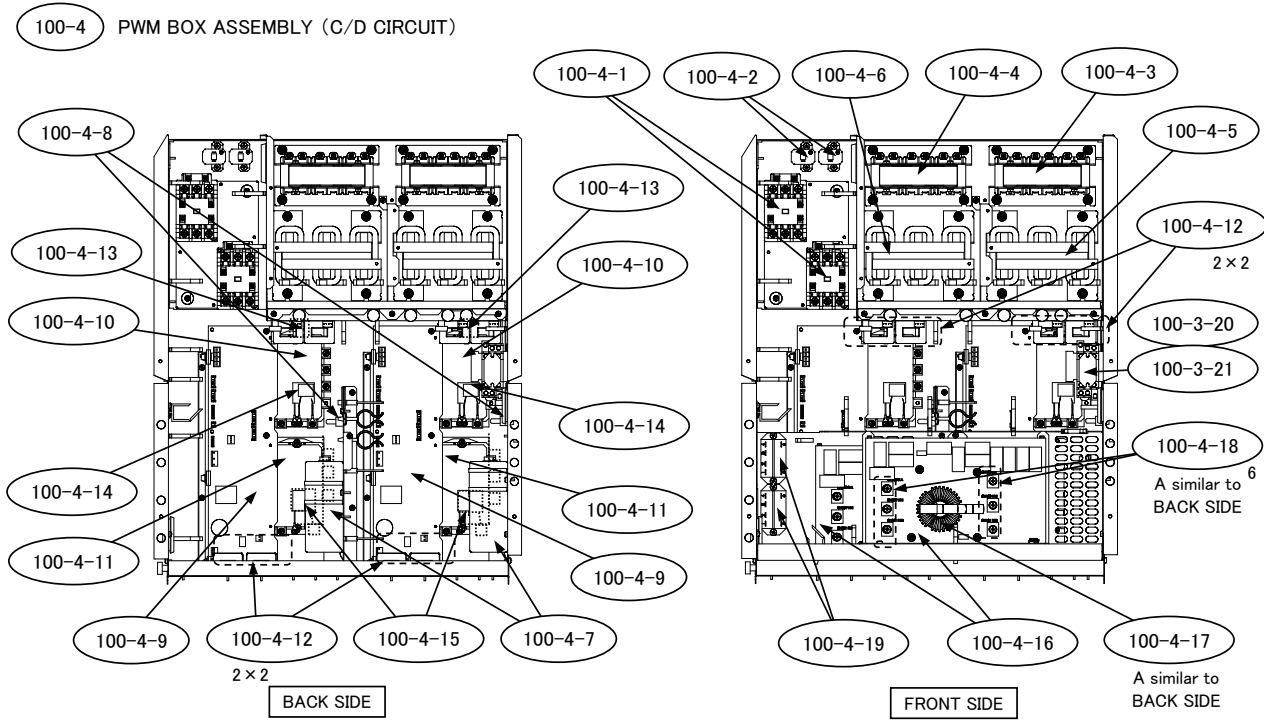
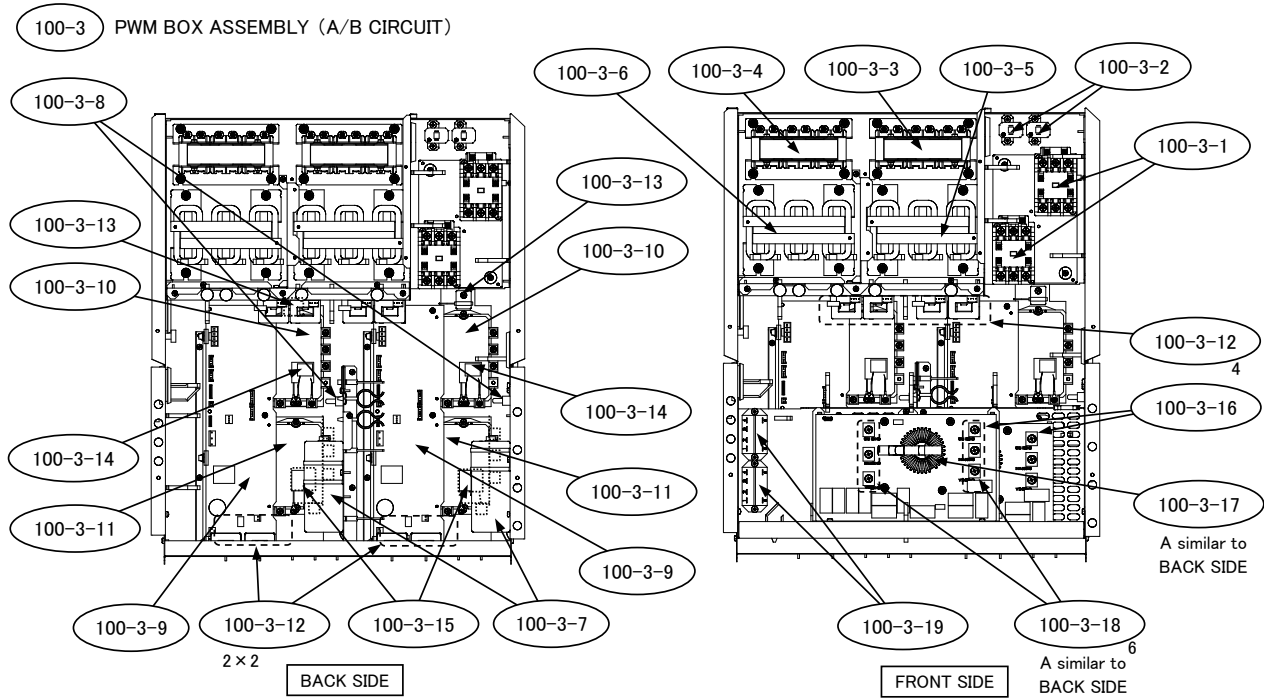


100-2 MAIN BOX ASSEMBLY



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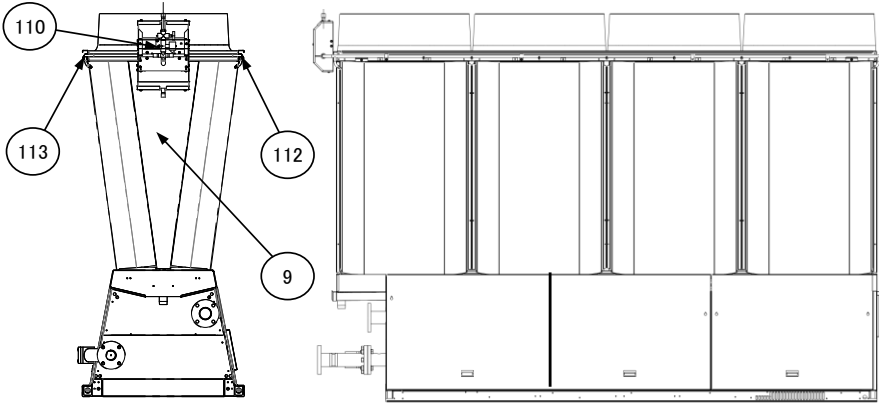
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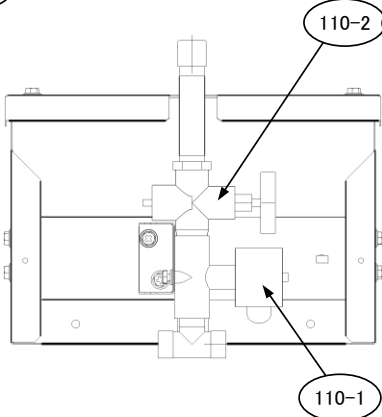
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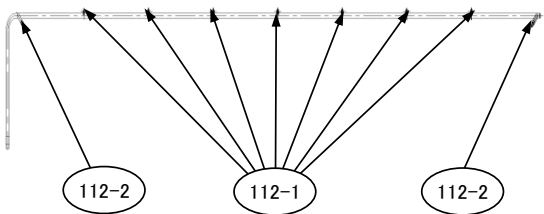
HEAT EXCHANGER WITH WATER SPRAY SYSTEM
(High-EER type only)



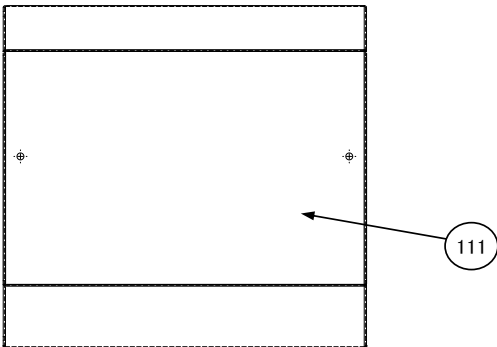
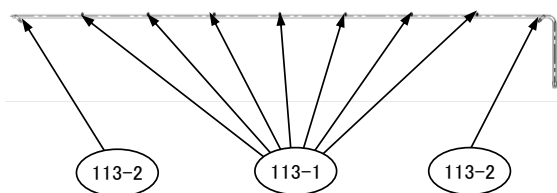
110 DETAIL (High-EER type only)



112 DETAIL
(PIPE ASSEMBLY, HEAT EXCHANGER
WATER SPRAY SYSTEM (LEFT))



113 DETAIL
(PIPE ASSEMBLY, HEAT EXCHANGER
WATER SPRAY SYSTEM (RIGHT))



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