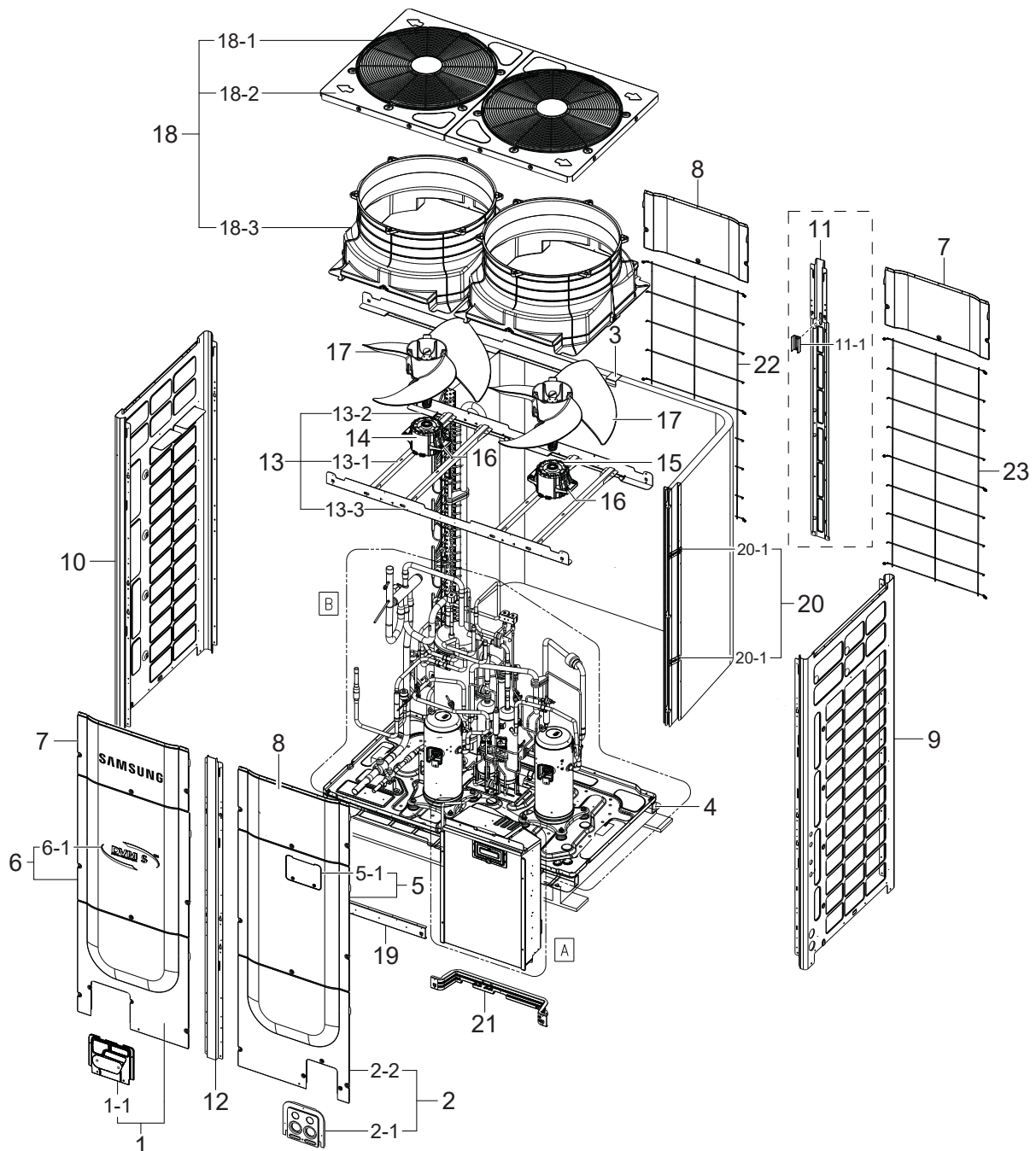
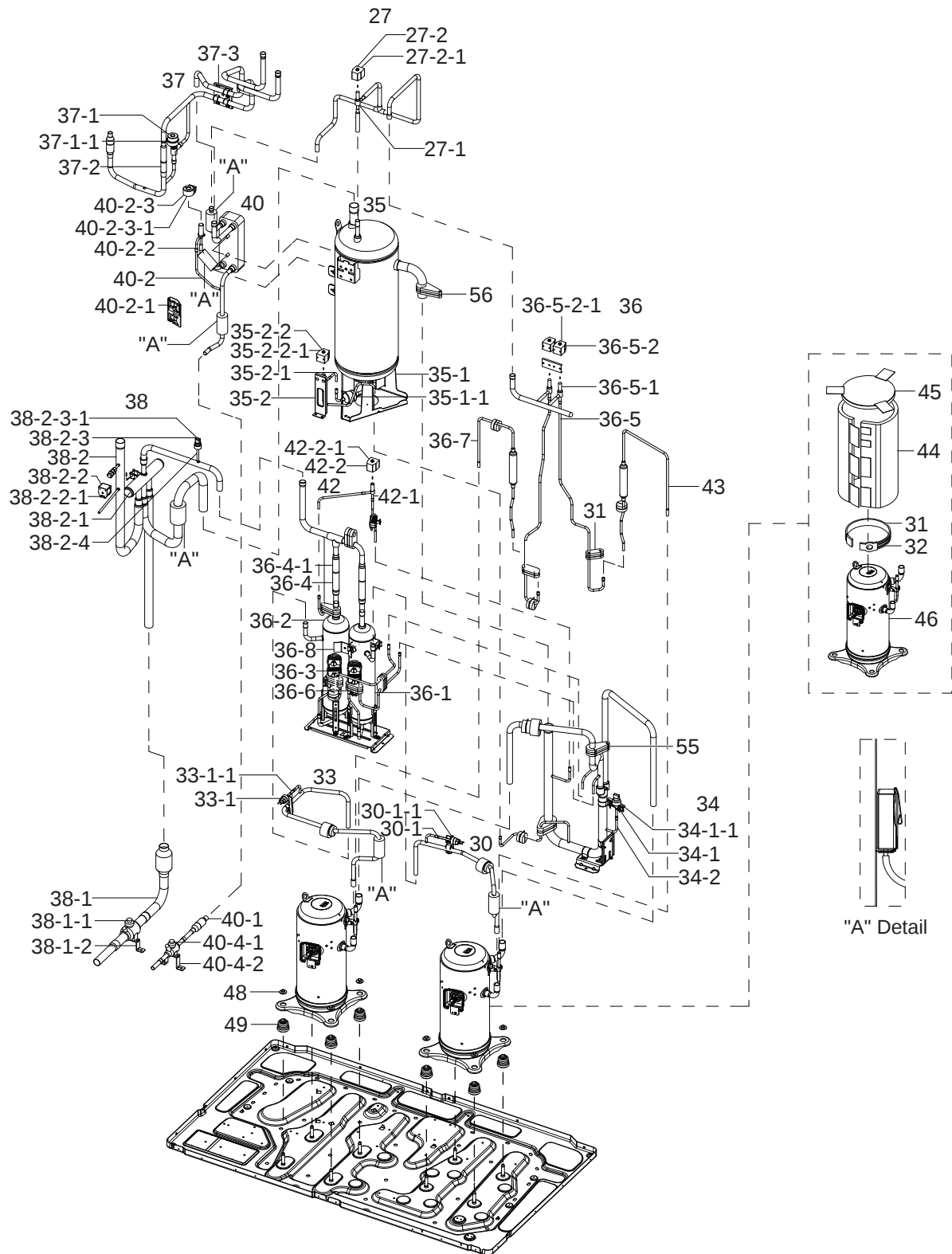


Exploded Views and Parts List

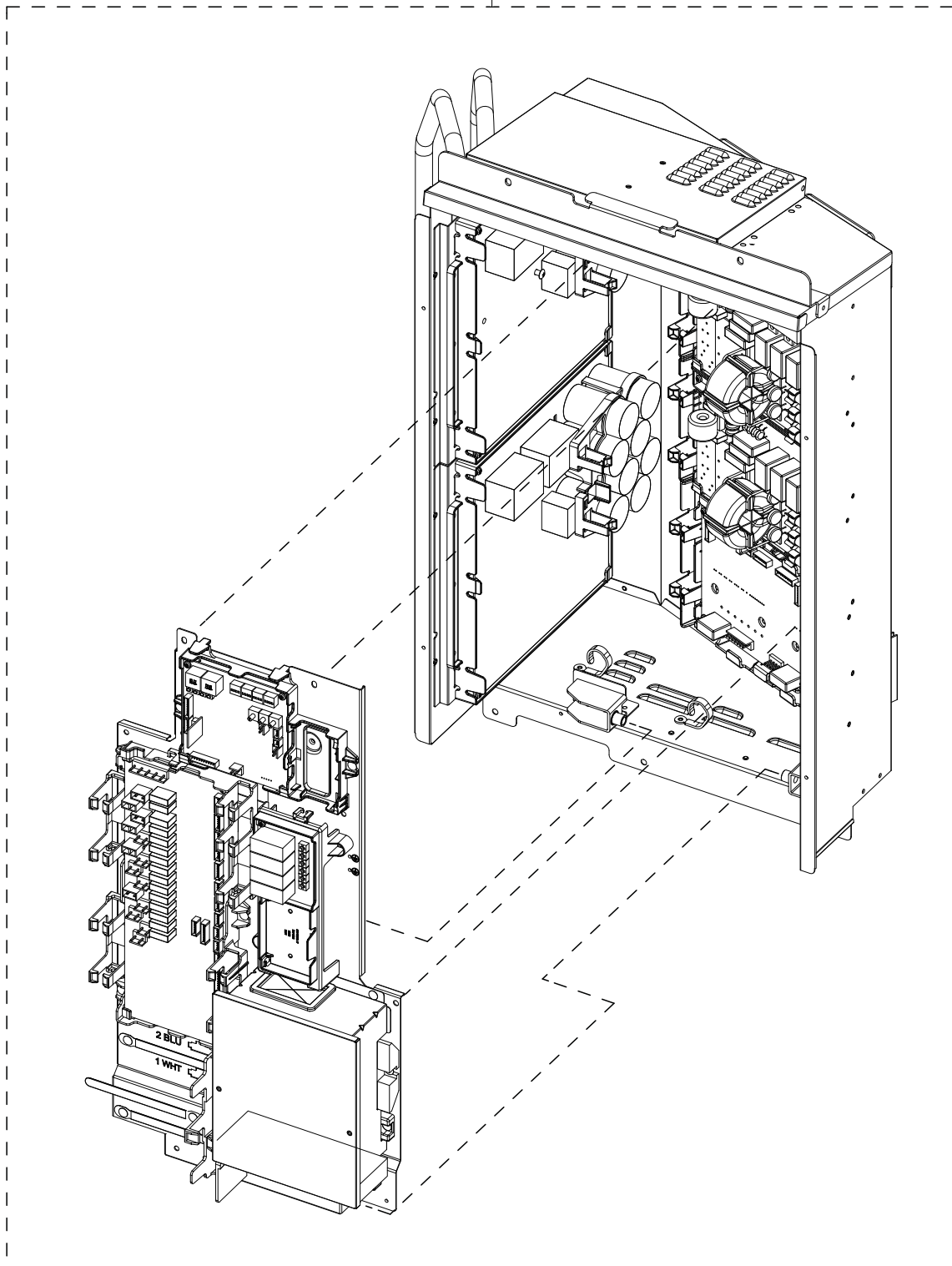
■ AM144FXVAFH2AA



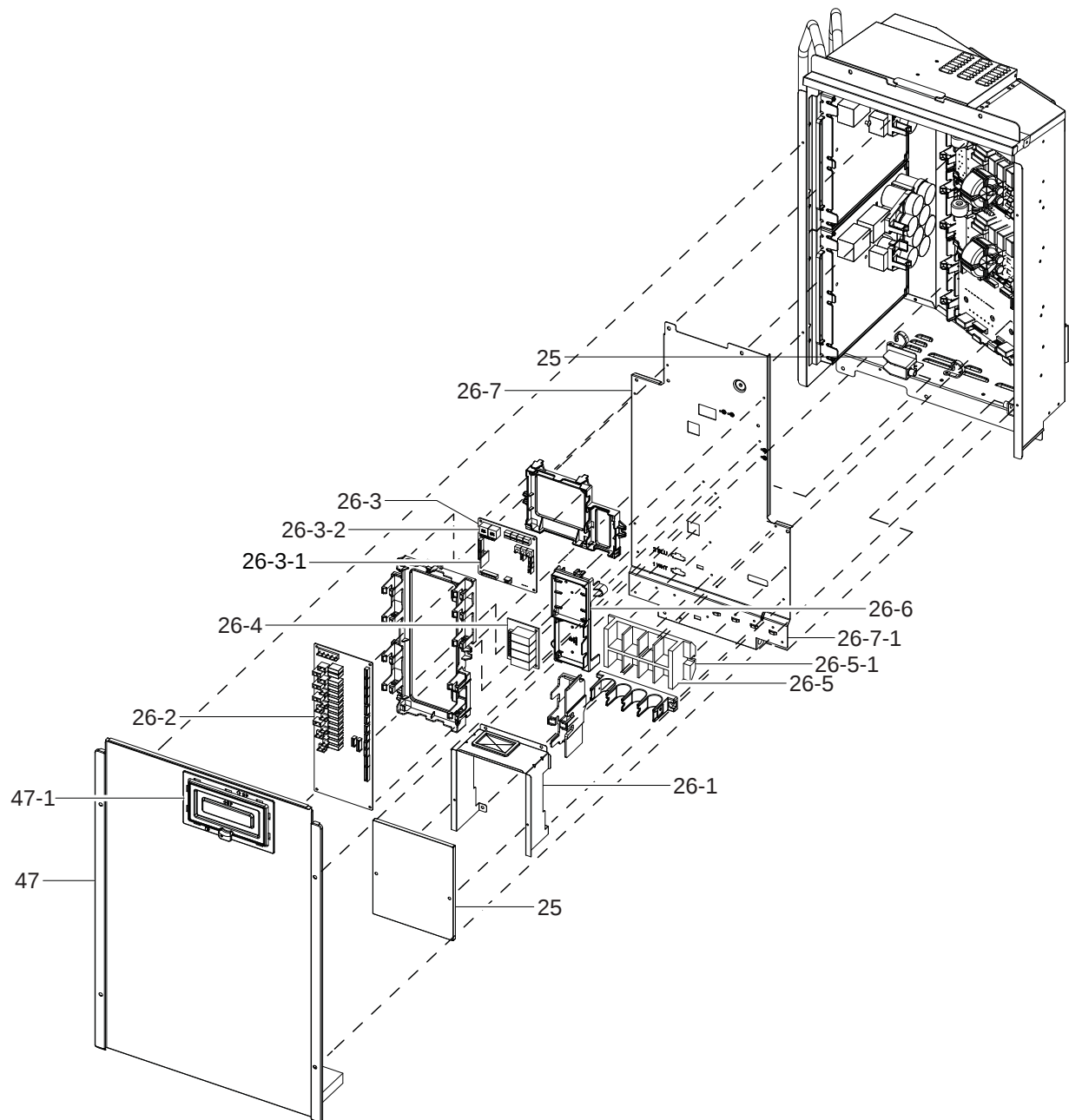
■ Assy Tube Parts



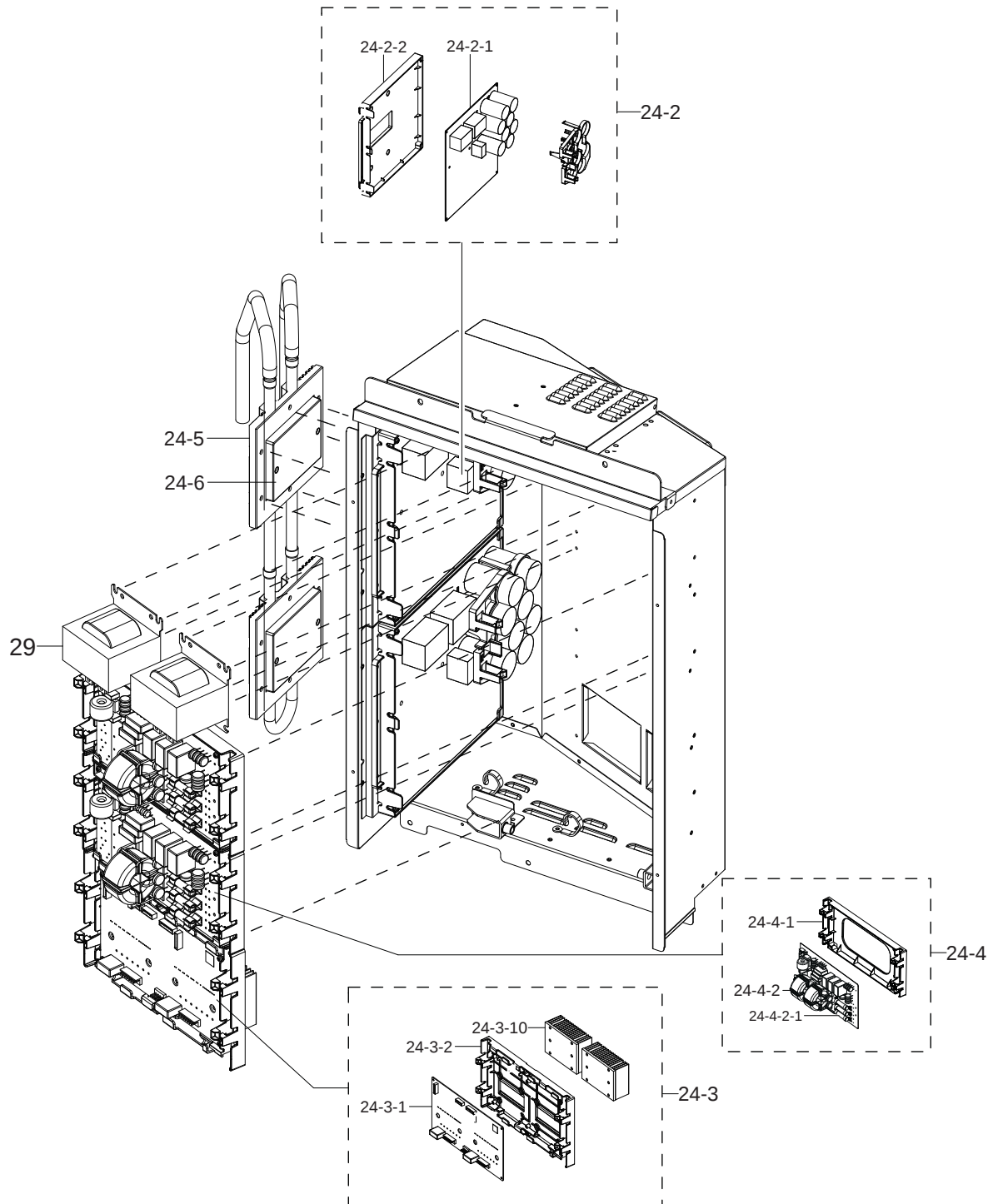
24



■ Assy Control Parts

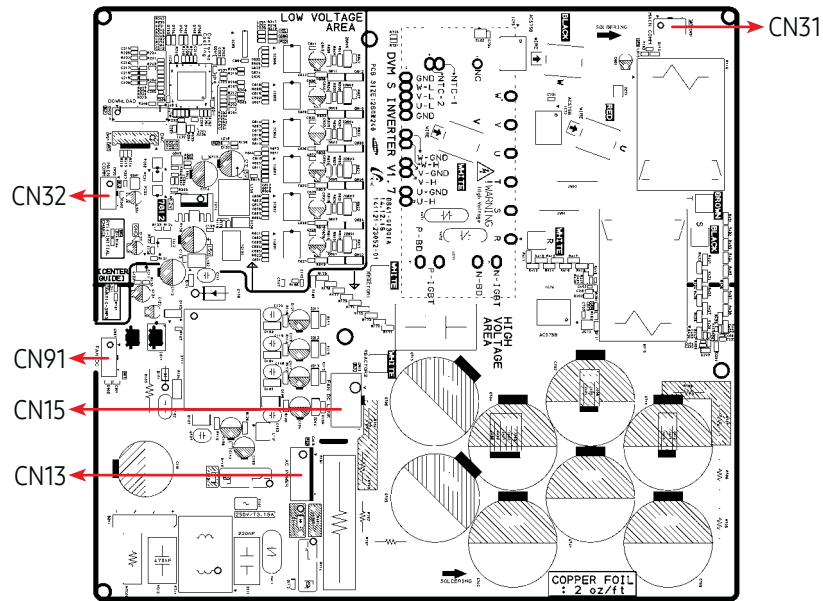


■ Assy Control Parts



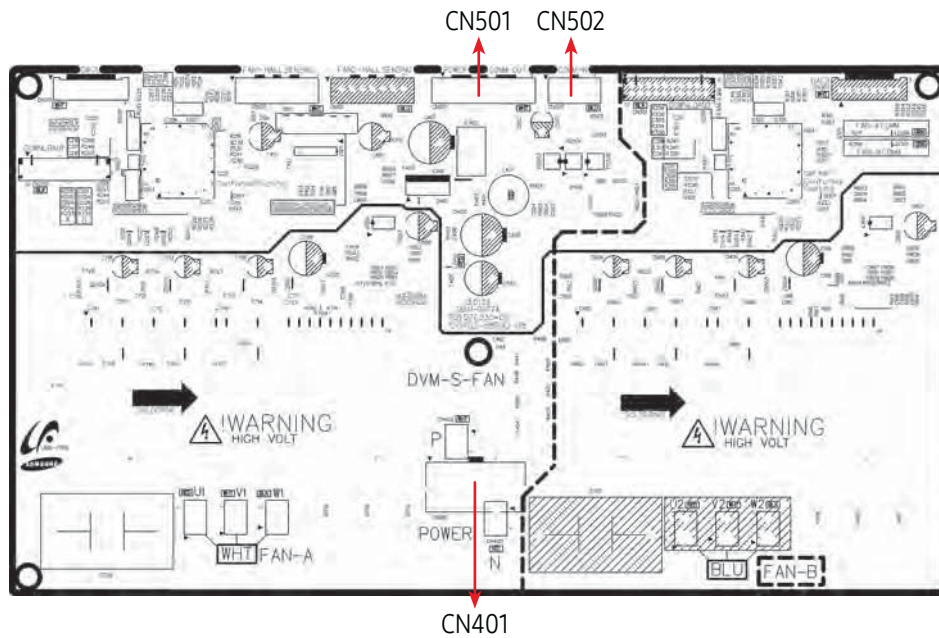
■ Wiring Diagram

24-2 Inverter PBA



Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB93-11485A	24-3-4	INVERTER	CN32	FAN	CN501
		INVERTER	CN91	FAN	CN501
DB93-11491A	24-3-5	INVERTER	CN15	FAN	CN401
DB93-12405A	24-7	INVERTER	-	-	-
DB93-11522*	24-13	INVERTER	CNP13	EMI	CN23
DB93-11520*(2COMP)	24-12	INVERTER1	CN32	INVERTER2	CN32

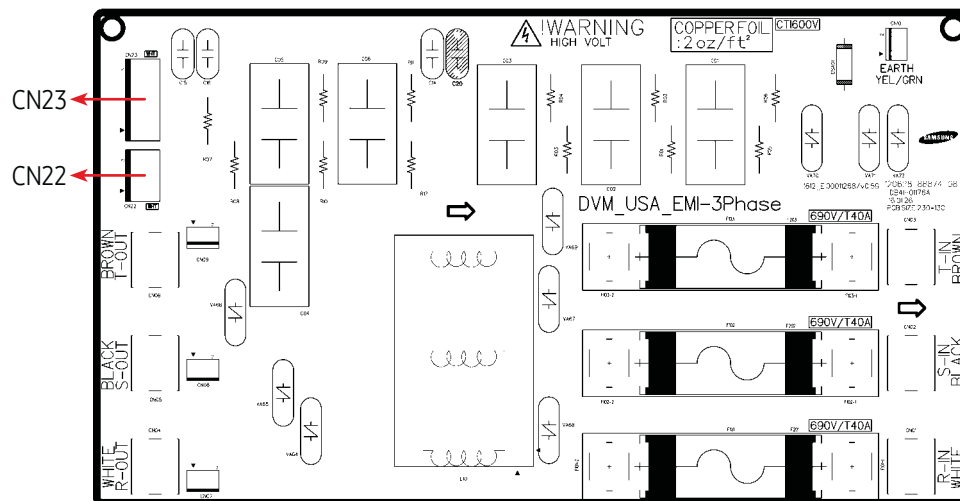
24-3 Fan PBA



Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB93-11485A	24-3-4	FAN	CN501	INVERTER	CN91
		FAN	CN501	INVERTER	CN32
DB93-11520C	24-3-3	FAN	CN502	HUB	CN97
DB93-11491A	24-3-5	FAN	CN401	INVERTER	CN15

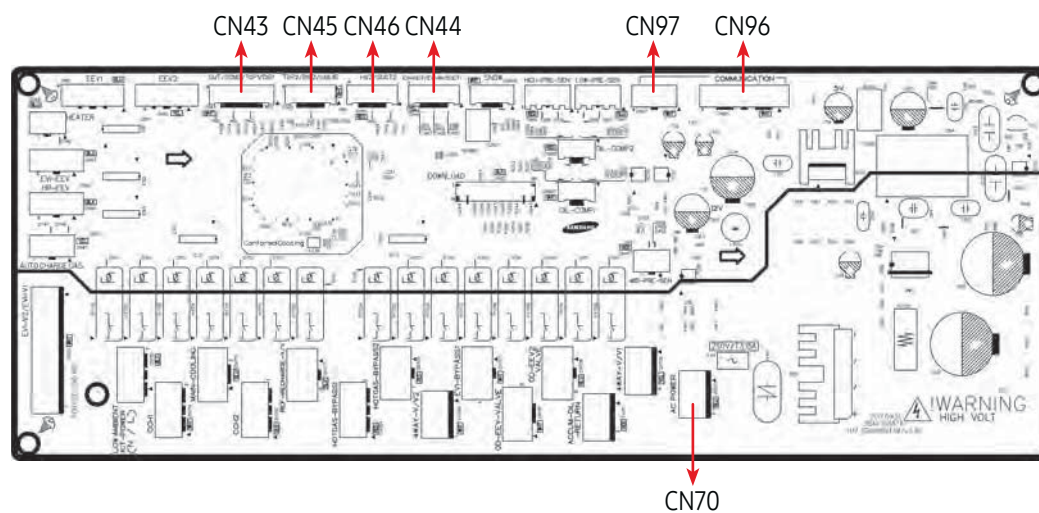
■ Wiring Diagram

24-4 EMI PBA



Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB93-13412*	24-11	EMI	CN22	HUB	CN70
DB93-11522*	24-14	EMI	CN23	INVERTER	CN13

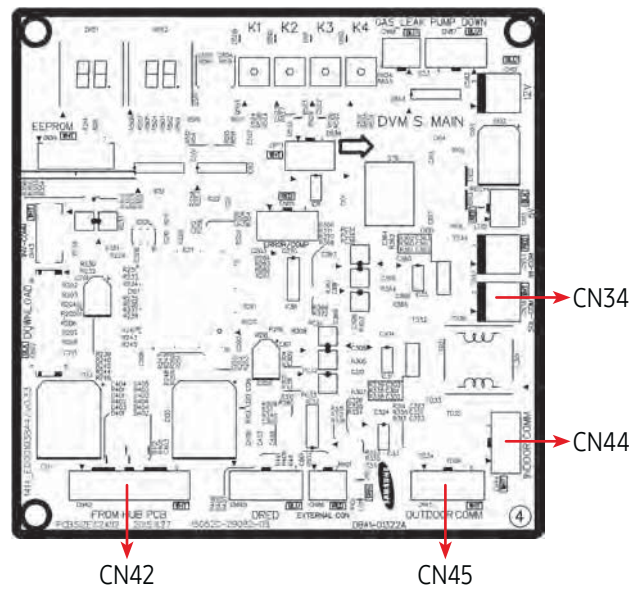
26-2 HUB PBA



Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB95-05010*	28	HUB	CN43	-	-
		HUB	CN44	-	-
		HUB	CN45	-	-
		HUB	CN46	-	-
DB93-11521*	26-8	HUB	CN96	MAIN	CN42
DB93-11520C	24-3-3	HUB	CN97	FAN	CN502
DB93-13412*	24-11	HUB	CN70	EMI	CN108

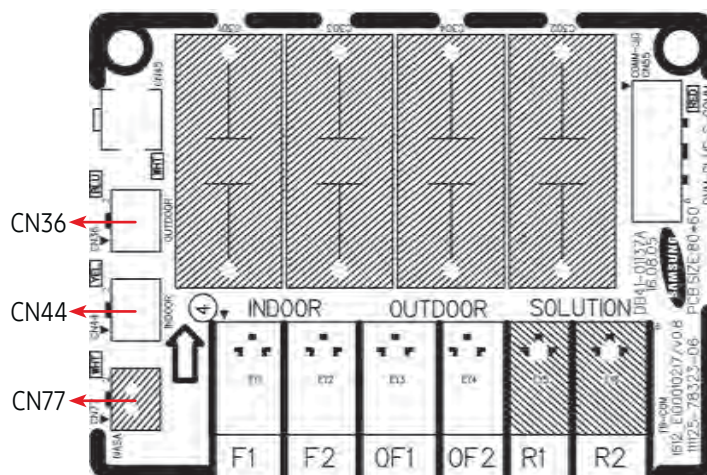
■ Wiring Diagram

26-3 Main PBA



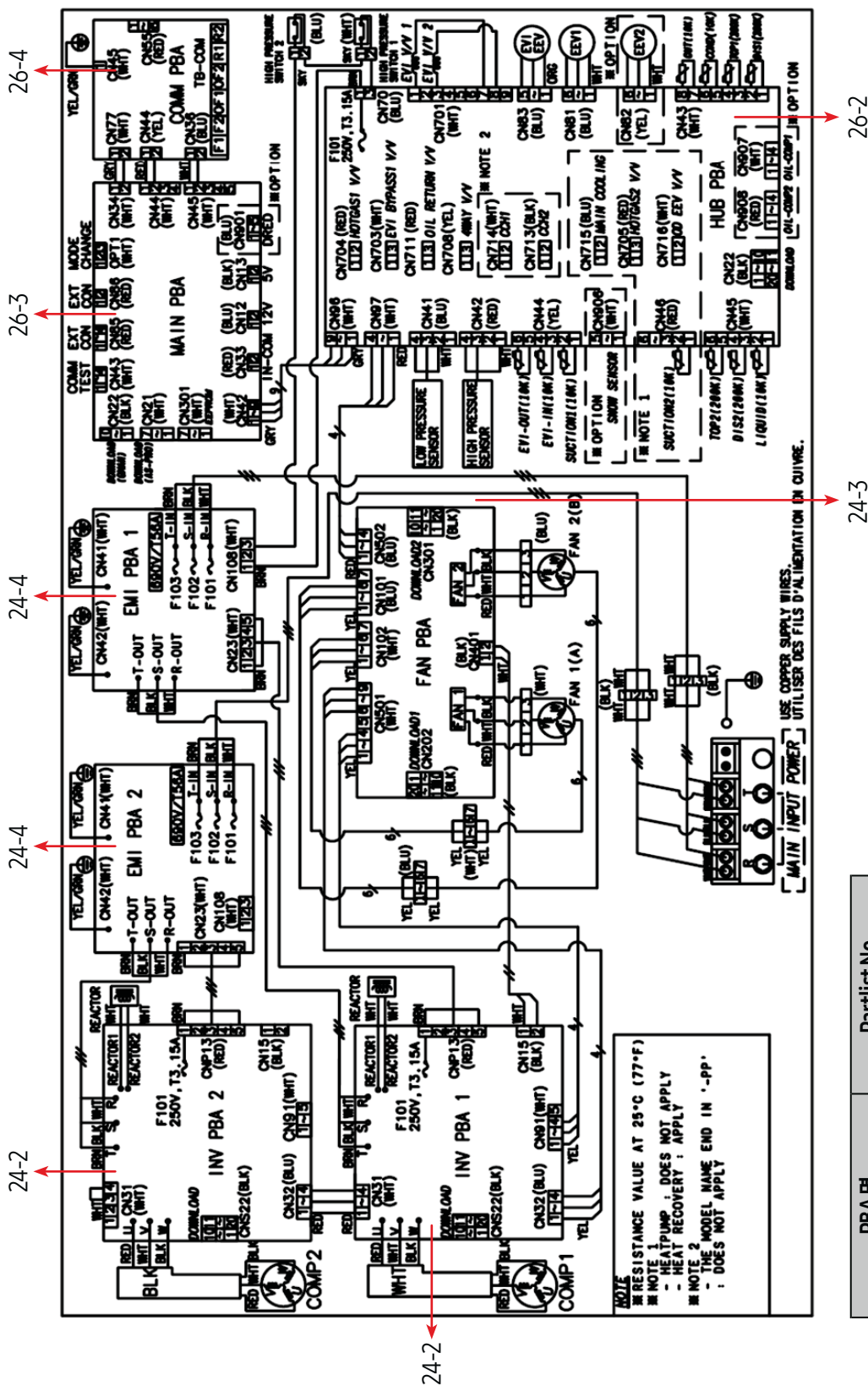
Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB93-11521*	26-8	MAIN	CN42	HUB	CN96
DB93-13184A	26-9	MAIN	CN34	COMM	CN36
		MAIN	CN44	COMM	CN44
		MAIN	CN45	COMM	CN77

26-4 Comm. PBA



Material Code	No.	Connecting Point 1		Connecting Point 2	
		PCB	Connector No	PCB	Connector No
DB93-13184A	26-9	COMM	CN36	MAIN	CN34
		COMM	CN44	MAIN	CN44
		COMM	CN77	MAIN	CN45

■ Circuit Diagram



PBA 명	Partlist No.
INV PBA1	24-2
FAN PBA	24-3
EMI PBA1	24-4
HUB PBA	26-2
MAIN PBA	26-3
COMM PBA	26-4

■ Parts List

No.	Material Code	Description	Q'TY	SA/SNA
1	DB90-05194D	ASSY CABI FRONT-LOW LF	1	SA
1-1	DB61-04537B	PLATE-COVER INSTALLATION	1	SA
2	DB90-08803A	ASSY CABI FRONT	1	SA
2-1	DB63-01441B	COVER-PLATE	1	SA
2-2	DB90-05193F	ASSY CABI FRONT-LOW RH	1	SC
3	DB61-04683A	HOLDER-COND	2	SNA
4	DB90-07053B	ASSY BASE-OUTDOOR	1	SA
5	DB90-05195B	ASSY CABI FRONT-MID RH	1	SA
5-1	DB63-02406B	COVER-WINDOW DISPLAY	1	SA
6	DB90-05197E	ASSY CABI FRONT-MID LF	1	SA
6-1	DB98-34406B	ASSY-LABEL LOGO DVM S	1	SA
7	DB90-09162A	ASSY CABI FRONT-UP	2	SA
8	DB90-05199E	ASSY CABINET-UPPER LF	2	SA
9	DB90-05200C	ASSY CABINET-SIDE RH	1	SA
10	DB90-05201C	ASSY CABINET-SIDE LF	1	SA
11	DB90-05218B	ASSY CABINET-BEAM BACK	1	SA
11-1	DB61-04272A	BRACKET-BACK BEAM	1	SA
12	DB90-05219C	ASSY CABINET-BEAM FRONT	1	SA
13	DB90-08893A	ASSY BRACKET MOTOR	1	SNA
13-1	DB61-02255A	BRACKET MOTOR	4	SA
13-2	DB90-05223A	ASSY-BACK BEAM UP	1	SA
13-3	DB90-05224C	ASSY-FRONT BEAM UP	1	SA
14	DB31-00675E	MOTOR BLDC FAN	1	SA
15	DB31-00675F	MOTOR BLDC FAN	1	SA
16	6011-001183	BOLT-FLANGE	8	SA
17	DB94-03285B	ASSY FAN-PROPELLER	2	SA
18	DB90-05487D	ASSY COVER TOP	2	SA
18-1	DB63-02615B	GUARD FAN-SMALL PD	2	SA
18-2	DB63-02617C	COVER TOP-PD	2	SC
18-3	DB62-07398A	BELLOW-MOUTH	2	SA
19	DB90-05867B	ASSY-FRONT BEAM POWER BOX	1	SA
20	DB96-14516B	ASSY COND OUT	1	SA
20-1	DB61-04553A	BRACKET-COND 7PI	2	SA
21	DB90-05225G	ASSY-FRONT BEAM CONTROL BOX	1	SA
22	DB90-09851A	ASSY GUARD-COND	1	SA
23	DB90-09852A	ASSY GUARD-COND	1	SA
24	DB93-13284K	ASSY CONTROL OUT-BOX	1	SNA
24-1	DB90-07099A	ASSY CABINET-CONTROL BOX	1	SA
24-2	DB92-03527C	ASSY INVERTER PBA	2	SNA
24-2-1	DB92-03526C	ASSY INVERTER PCB	2	SA
24-2-1-1	DB93-12380A	ASSY CONNECTOR WIRE-REACTOR	2	SA
24-2-1-2	DB93-11492B	ASSY CONNECTOR WIRE-INVERTER POWER	2	SA
24-2-2	DB61-04920A	CASE-INVERTER PCB	2	SA
24-3	DB93-11808E	ASSY FAN PBA	1	SA
24-3-1	DB92-02807A	ASSY FAN PCB	1	SA
24-3-1-1	DB93-11500E	ASSY CONNECTOR WIRE-MOTOR	1	SA
24-3-1-2	DB93-11500F	ASSY CONNECTOR WIRE-MOTOR	1	SA

■ Parts List

No.	Material Code	Description	Q'TY	SA/SNA
24-3-2	DB61-04919A	CASE-BLDC FAN PCB	1	SA
24-3-3	DB93-11520C	ASSY CONNECTOR WIRE-HUB INVERTER COMM	1	SA
24-3-4	DB93-11485A	ASSY CONNECTOR WIRE-BLDC COMM	1	SA
24-3-5	DB93-11491A	ASSY CONNECTOR WIRE-BLDC POWER	1	SA
24-3-6	DB93-11906A	ASSY CONNECTOR WIRE-BLDC HALL	1	SA
24-3-7	DB93-11906B	ASSY CONNECTOR WIRE-BLDC HALL	1	SA
24-3-8	DB62-10633A	HEAT SINK-BLDC	2	SA
24-4	DB93-12089D	ASSY EMI PBA	2	SA
24-4-1	DB61-04921A	CASE-EMI PCB	2	SA
24-4-2	DB92-02806A	ASSY EMI PCB	2	SA
24-4-2-1	DB93-13976A	ASSY CONNECTOR WIRE-POWER	4	SA
24-5	DB96-17068B	ASSY TUBE-MAIN COOLING	1	SA
24-6	0205-000178	GREASE-SILICON	0.0014	SA
24-7	DB93-12405A	ASSY CONNECTOR WIRE-INVERTER SHORT	1	SA
24-8	DB93-13226A	ASSY CONNECTOR WIRE-TOTAL POWER	1	SA
24-9	DB93-13282A	ASSY CONNECTOR WIRE-INVERTER COMP	1	SA
24-10	DB93-13282B	ASSY CONNECTOR WIRE-INVERTER COMP	1	SA
24-11	DB93-13412A	ASSY CONNECTOR WIRE-HUB HIGH PRESSURE	1	SA
24-12	DB93-11520B	ASSY CONNECTOR WIRE-HUB INVERTER COMM	1	SA
24-13	DB93-11522A	ASSY CONNECTOR WIRE-INV 220	1	SA
24-14	DB93-11522B	ASSY CONNECTOR WIRE-INV 220	1	SA
25	DB90-07288A	ASSY COVER-POWER TERMINAL	1	SA
26	DB93-16134A	ASSY CONTROL PARTS	1	SNA
26-1	DB90-07287B	ASSY PLATE-CONTROL	1	SA
26-1-1	DB64-02896B	CABINET-POWER TERMINAL	1	SNA
26-2	DB92-04466B	ASSY HUB PBA	1	SA
26-3	DB92-04570A	ASSY KIT	1	SA
26-3-1	DB93-12483A	ASSY PCB SUB-EEPROM	1	SA
26-3-2	DB92-03752B	ASSY MAIN PCB	1	SNA
26-4	DB93-13404A	ASSY PCB SUB-SUB	1	SA
26-5	DB93-14002A	ASSY CONNECTOR WIRE-TERMINAL BLOCK	1	SA
26-5-1	DB65-00232D	TERMINAL BLOCK-3PHASE	1	SA
26-6	DB61-05404A	CASE-TERMINAL 6P	1	SA
26-7	DB90-07100A	ASSY-PLATE CONTROL FRONT	1	SA
26-7-1	DB61-05401A	PLATE-CONTROL BOX FRONT	1	SA
26-8	DB93-11521B	ASSY CONNECTOR WIRE-DC SIGNAL	1	SA
26-9	DB93-13184A	ASSY CONNECTOR WIRE-OUTDOOR COMM	1	SA
27	DB96-16908A	ASSY TUBE-EVI BYPASS	1	SA
27-1	DB62-07588A	VALVE SOLENOID	1	SA
27-2	DB95-02052Z	ASSY-SOLENOID COIL	1	SA
27-2-1	DB62-07589B	VALVE COIL-SOLENOID	1	SA
28	DB95-05010A	ASSY THERMISTOR-TOTAL	1	SA
28-1	DB95-04716D	ASSY-THERMISTOR WIRE	1	SA
28-2	DB95-04717D	ASSY-THERMISTOR WIRE	1	SA
28-3	DB95-04718D	ASSY-THERMISTOR WIRE	1	SA
29	DB27-00094A	COIL HARMONIC	2	SA
30	DB96-17289A	ASSY TUBE DISCHARGE-B	1	SA

■ Parts List

No.	Material Code	Description	Q'TY	SA/SNA
30-1	DB95-04864B	ASSY-SWTICH PRESSURE	1	SC
30-1-1	DB34-00071B	SWITCH PRESSURE	1	SA
31	DB73-00533A	RUBBER-SUPPORT 7 7 42	1	SNA
32	DB61-05574A	SUPPORT-RUBBER	1	SNA
33	DB96-17288A	ASSY TUBE DISCHARGE-A 16HP	1	SA
33-1	DB95-04864C	ASSY-SWTICH PRESSURE	1	SC
33-1-1	DB34-00071B	SWITCH PRESSURE	1	SA
34	DB96-17320C	ASSY TUBE SUCTION	1	SA
34-1	DB95-04866F	ASSY-SENSOR LOW PRESSURE COIL	1	SA
34-1-1	DB32-00195A	SENSOR PRESSURE	1	SA
34-2	DB62-00773A	VALVE-SERVICE PORT	1	SA
35	DB96-21251A	ASSY TUBE-ACCUMULATOR	1	SNA
35-1	DB96-16928A	ASSY-ACCUMULATOR	1	SA
35-1-1	DB62-11876A	TUBE-FILTER	1	SA
35-2	DB96-16918A	ASSY TUBE-ACCUM OIL VALVE	1	SA
35-2-1	DB62-04149A	VALVE SOLENOID	1	SC
35-2-2	DB95-04865H	ASSY-OIL RETURN TUBE COIL	1	SA
35-2-2-1	DB62-04150A	VALVE COIL SOLENOID	1	SA
36	DB96-18297A	ASSY-TUBE OIL SEPARATOR	1	SA
36-1	DB96-17640A	ASSY-OIL SEPARATOR D	1	SA
36-2	DB96-17639A	ASSY-OIL SEPARATOR C	1	SA
36-3	DB96-17293A	ASSY TUBE-OIL RETURN A	1	SA
36-4	DB96-16919A	ASSY TUBE CHECK-OIL SEPARATOR	1	SA
36-4-1	DB62-06188B	VALVE CHECK	2	SA
36-5	DB96-17291A	ASSY TUBE-VAPOR INJECTION	1	SA
36-5-1	DB62-07588A	VALVE SOLENOID	2	SA
36-5-2	DB95-04555F	ASSY-SOLENOID COIL	1	SC
36-5-2-1	DB62-07589A	VALVE COIL-SOLENOID	2	SA
36-6	DB96-17294A	ASSY TUBE-OIL RETURN B	1	SA
36-7	DB96-17648A	ASSY TUBE-VI 1COMP	1	SA
36-8	DB61-05354A	BRACKET-OIL SEPA FIX	1	SA
37	DB96-16923A	ASSY TUBE-EXPANSION VALVE	1	SA
37-1	DB96-14558E	ASSY-VALVE EXPANSION	1	SA
37-1-1	DB62-09643A	VALVE GEAR EXPAN	1	SA
37-2	DB62-06188B	VALVE CHECK	1	SA
37-3	DB90-07310A	ASSY BRACKET-EXPANSION FRONT	1	SA
38	DB96-16924A	ASSY-TUBE 4WAY GAS BALL VALVE	1	SA
38-1	DB96-16914A	ASSY TUBE-GAS BALL VALVE	1	SA
38-1-1	DB62-07613A	VALVE SERVICE-BALL	1	SA
38-1-2	DB61-04063A	BRACKET-BALL VALVE 9 8	1	SA
38-2	DB96-16925A	ASSY-TUBE 4WAY VALVE	1	SA
38-2-1	DB62-08209A	VALVE 4WAY	1	SA
38-2-2	DB96-13291B	ASSY-4WAY VALVE COIL	1	SA
38-2-2-1	DB33-00047B	VALVE COIL SOLENOID	1	SA
38-2-3	DB95-01549T	ASSY-SENSOR HIGH PRESSURE COIL	1	SA
38-2-3-1	DB32-00194A	SENSOR PRESSURE	1	SA
38-2-4	DB62-00773A	VALVE-SERVICE PORT	1	SA

■ Parts List

No.	Material Code	Description	Q'TY	SA/SNA
39	DB81-00635A	SPRING ETC-SENSOR	7	SA
40	DB96-17296A	ASSY-TUBE SUBCOOLER LIQ BALL VALVE	1	SA
40-1	DB96-17298A	ASSY TUBE-LIQUID BALL VALVE	1	SNA
40-1-1	DB62-07618A	VALVE SERVICE-BALL	1	SA
40-1-2	DB61-04074A	BRACKET-BALL VALVE 5 8	1	SA
40-2	DB96-17297A	ASSY TUBE-SUBCOOLER	1	SNA
40-2-1	DB62-11717A	SEAL COVER	1	SA
40-2-2	DB62-04065A	VALVE EXPAN-BODY	1	SC
40-2-3	DB96-13204K	ASSY-VALVE EXPAN COIL	1	SC
40-2-3-1	DB62-11205B	VALVE COIL EXPAN	1	SA
41	DB96-17081A	ASSY TUBE-HOT GAS VALVE	1	SA
41-1	DB62-04149A	VALVE SOLENOID	1	SC
41-2	DB95-04865G	ASSY-OIL RETURN TUBE COIL	1	SA
41-2-1	DB62-04150A	VALVE COIL SOLENOID	1	SA
42	DB61-05409A	HOLDER-CONTROL HINGE	1	SA
43	DB96-17649A	ASSY TUBE-VI 2COMP	1	SA
44	DB63-03737A	CLOTH COMP-SIDE	2	SA
45	DB63-03738A	CLOTH COMP-TOP OUT	2	SA
46	DS-GB052FBVASG	SCP,COMP,SCP,,R410A	2	
47	DB90-06765B	ASSY COVER CONTROL-BOX	1	SA
47-1	DB90-03829B	ASSY-WINDOW DISPLAY	1	SA
48	DB60-30028A	NUT-FLANGE	2	SA
49	DB63-03269A	GROMMET-COMP INVERTER	8	SA
50	6501-001110	CABLE TIE	8	SNA
51	6501-001107	CABLE TIE	3	SNA
52	DB62-03808A	INSULATION-HOLDER SENSOR	1	SNA
53	DB62-03808C	INSULATION-HOLDER SENSOR	4	SNA
54	DB62-03808E	INSULATION-HOLDER SENSOR	1	SNA
55	DB61-05572A	SUPPORT-RUBBER	1	SNA
56	DB61-05574A	SUPPORT-RUBBER	1	SNA
	6009-001369	M4 SCREW	0	SA
	6001-002824	M5 SCREW	0	SA
	6003-001053	M6 SCREW	0	SA