

SPLIT TYPE
AIR CONDITIONER
CEILING TYPE (50Hz)

SERVICE MANUAL



Indoor unit	Outdoor unit
ABYA36LCT	AOYD36LATT
ABYA45LCT	AOYD45LATT
ABYA54LCT	AOYD54LATT

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SPECIFICATIONS

ELECTRICAL DATA

TYPE		Cooling & Heating		
INDOOR UNIT		ABYA36LCT	ABYA45LCT	ABYA54LCT
OUTDOOR UNIT		AOYD36LATT	AOYD45LATT	AOYD54LATT
COOLING CAPACITY		10.0 kW	12.5 kW	14.0 kW
HEATING CAPACITY		11.2 kW	14.0 kW	16.0 kW
POWER SOURCE		400 V 50 Hz 3 ϕ 4 W		
RUNNING CURRENT	Cooling	4.3 A	5.8 A	6.9 A
	Heating	4.4 A	5.8 A	6.9 A
INPUT WATTS	Cooling	2.84 kW	3.89 kW	4.65 kW
	Heating	2.87 kW	3.88 kW	4.67 kW
E.E.R.	Cooling	3.52 kW/kW	3.21 kW/kW	3.01 kW/kW
	Heating	3.90 kW/kW	3.61 kW/kW	3.43 kW/kW
STARTING CURRENT		10.0 A	10.0 A	10.0 A
MOISTURE REMOVAL		3.0 L/hr	4.5 L/hr	5.0 L/hr
AIRCIRCULATION INDOOR		1,900 m3/h	2,100 m3/h	2,300 m3/h
AIRCIRCULATION OUTDOOR	Cooling	6,200 m3/h	6,900 m3/h	6,900 m3/h
	Heating	6,200 m3/h	6,200 m3/h	6,900 m3/h
MAXIMUM CURRENT		7.9 A	8.9 A	9.9 A

FAN MOTOR

INDOOR UNIT	Discrimination	MFH-45RV		
	High speed	1,100 r.p.m.	1,200 r.p.m.	1,360/1,340 r.p.m.
	Middle speed	910 r.p.m.	1,000 r.p.m.	1,150 r.p.m.
	Low speed	750 r.p.m.	830 r.p.m.	950 r.p.m.
	Quiet	650 r.p.m.	680 r.p.m.	790 r.p.m.
OUTDOOR UNIT (cool / heat)	Discrimination	MFE-54TV		
	Upper fan	780 r.p.m.	900 / 780 r.p.m.	900 / 850 r.p.m.
	Lower fan	750 r.p.m.	800 / 750 r.p.m.	800 / 850 r.p.m.

NOISE LEVEL

INDOOR UNIT	High speed	47 dB	49 dB	51 dB
	Middle speed	43 dB	45 dB	48 dB
	Low speed	37 dB	39 dB	42 dB
	Quiet	32 dB	34 dB	38 dB
OUTDOOR UNIT	Cooling	51 dB	54 dB	55 dB
	Heating	53 dB	54 dB	56 dB

DIMENSIONS

INDOOR UNIT	H x W x D	240 x 1,660 x 700 mm
OUTDOOR UNIT	H x W x D	1,290 x 900 x 330 mm

WEIGHT

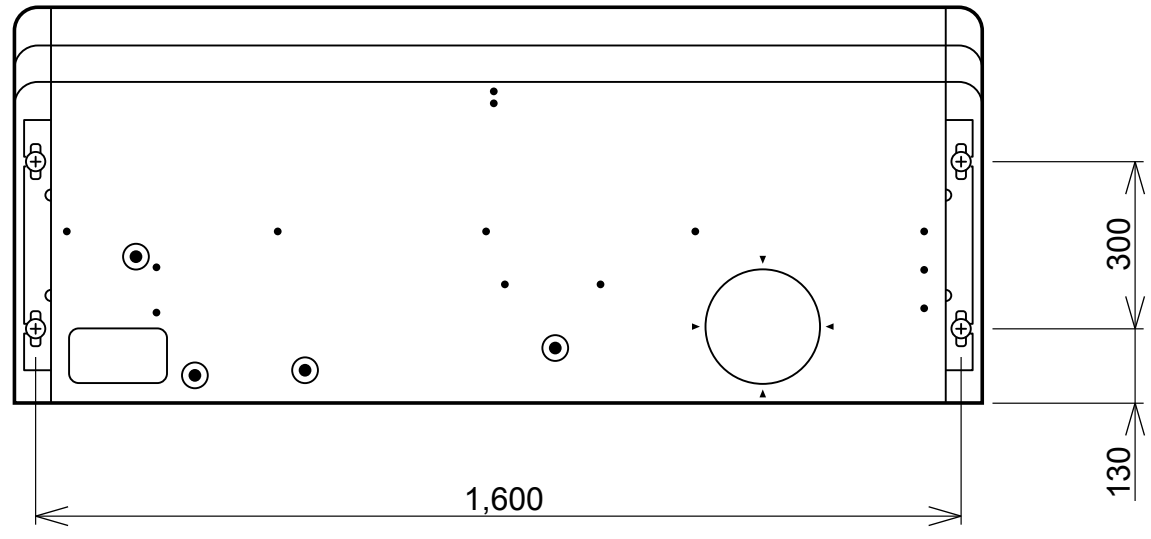
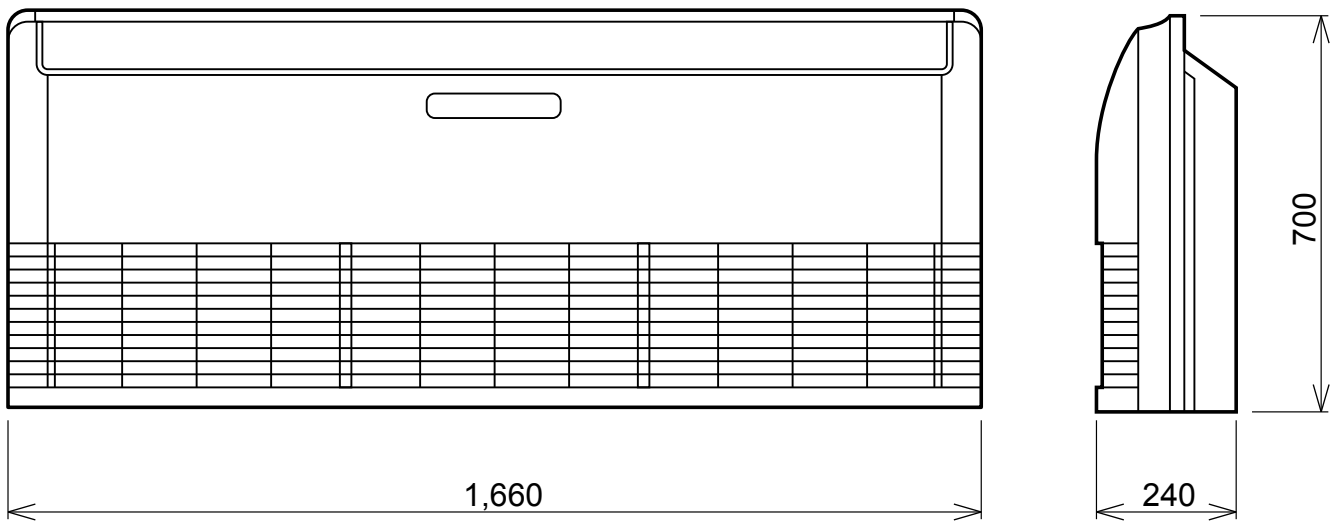
INDOOR UNIT	Gross / Net	58 kg / 46 kg	60 kg / 48 kg
OUTDOOR UNIT	Gross / Net	117 kg / 107 kg	

COMPRESSOR AND REFRIGERANT

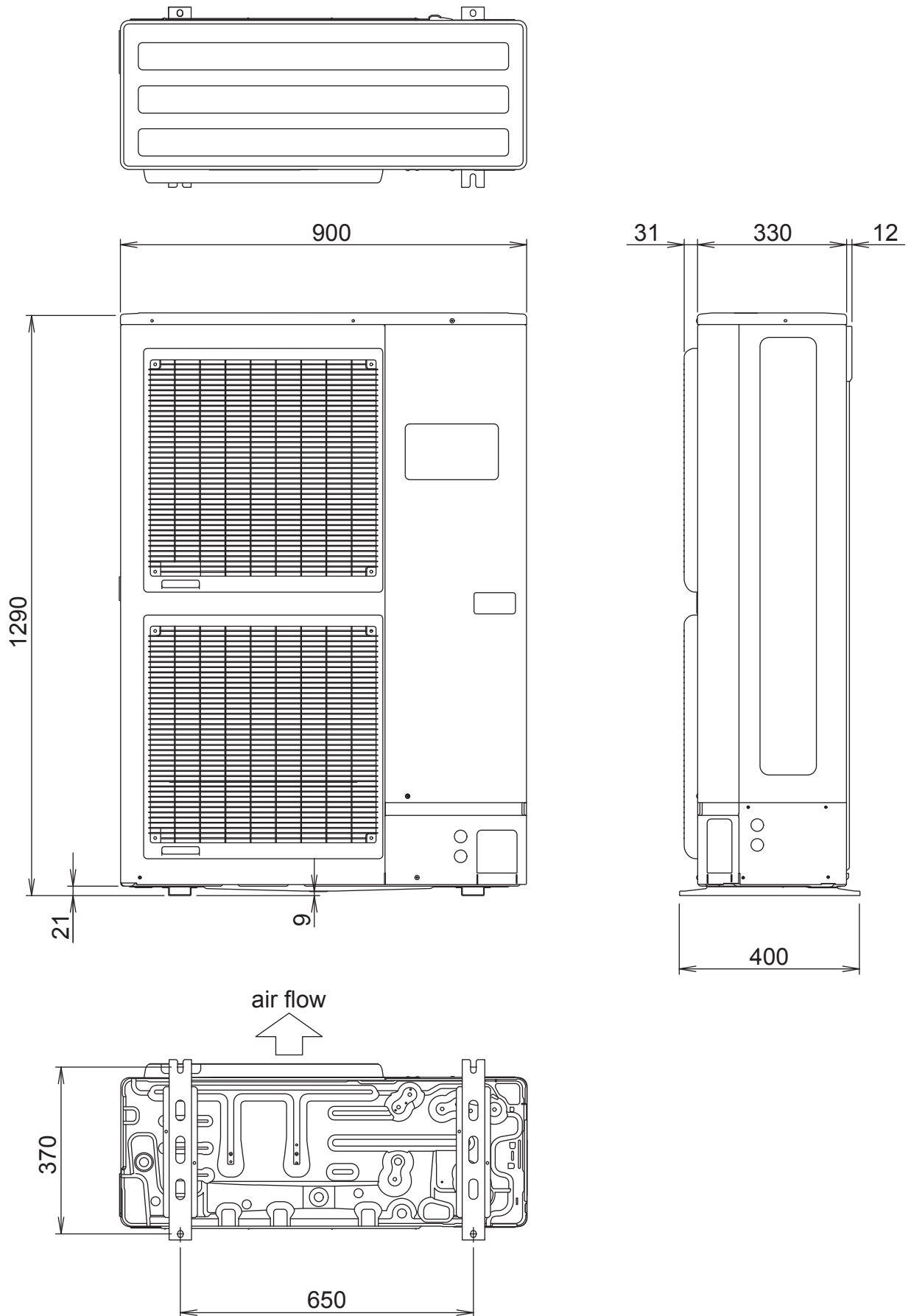
TYPE	Hermetic type, Inverter, 4 poles, 3 phase, DC motor, Twin Rotary		
DISCRIMINATION	808 677 80		
WEIGHT (with oil)	25.6 kg		
REFRIGERANT TYPE	R410A		
PRECHARGED REFRIGERANT	3,450 g		
MAX PIPE LENGTH	75 m		
MAX PIPE HEIGHT	30 m		
FULL CHARGE	Pipe length	30 m	3,450 g
		45 m	4,200 g
		60 m	4,950 g
		75 m	5,700 g
ADDITIONAL CHARGE	50 g/m		

DIMENSIONS

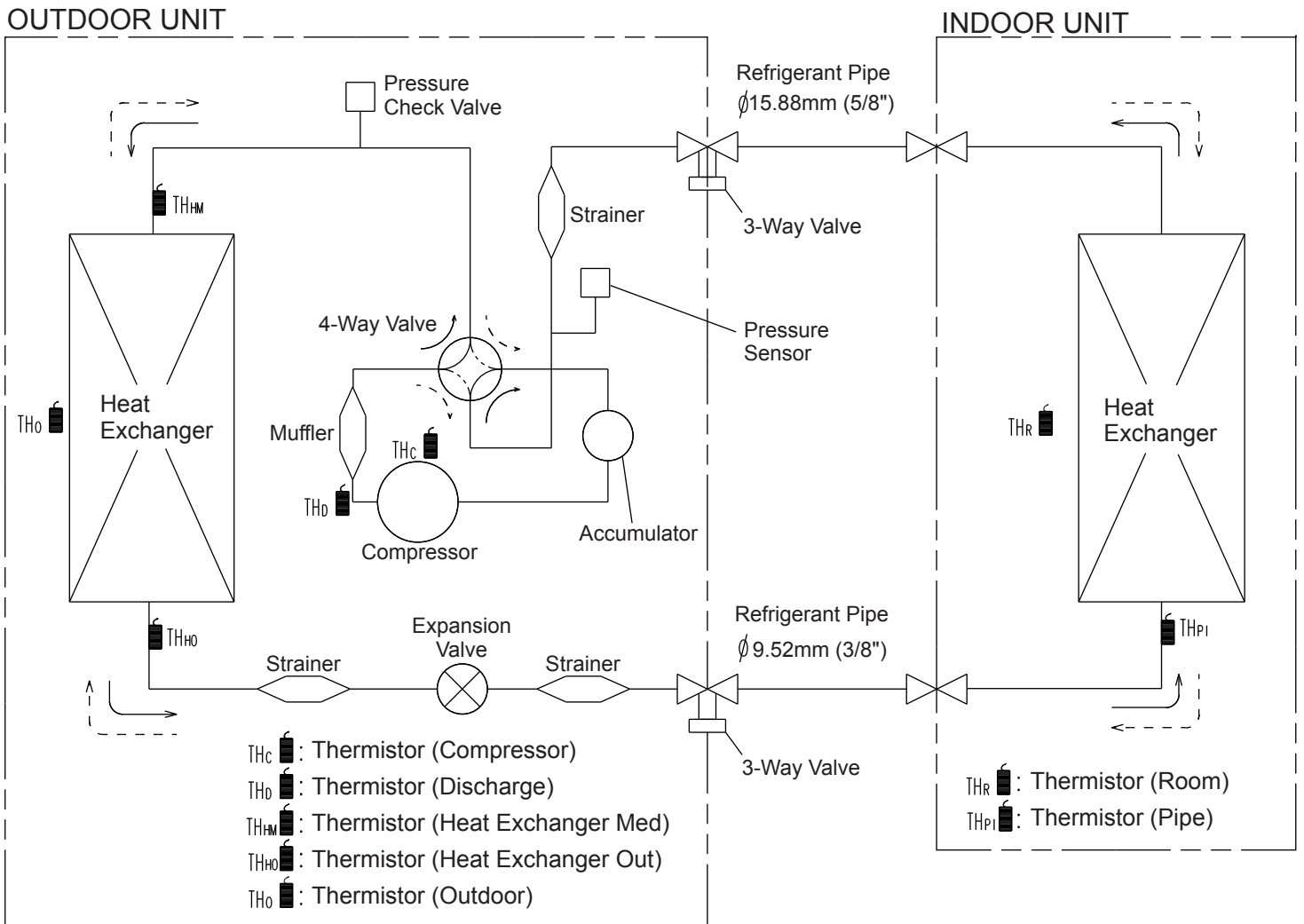
INDOOR UNIT
(Unit : mm)



OUTDOOR UNIT
(unit : mm)



REFRIGERANT SYSTEM DIAGRAM



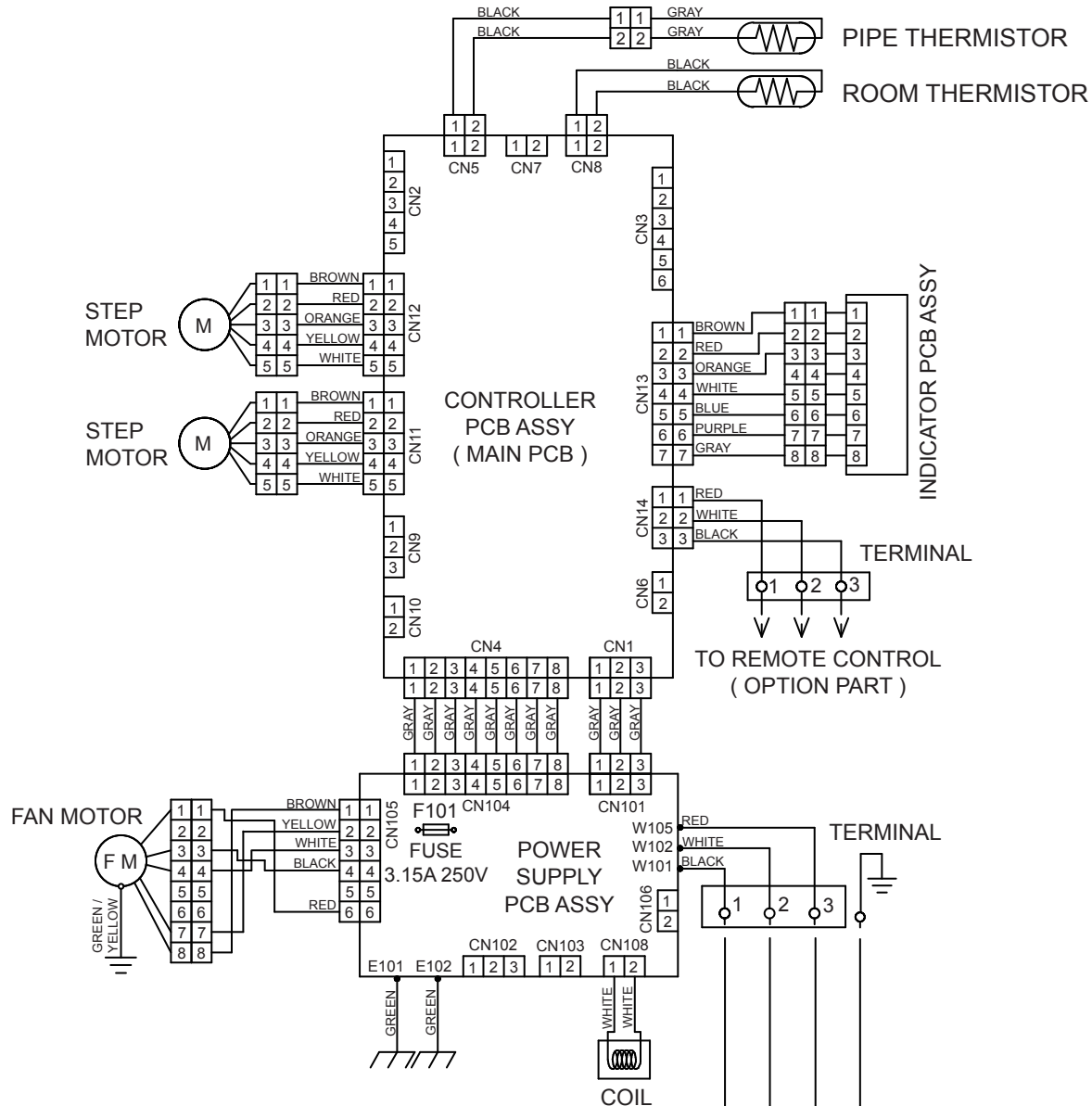
Refrigerant direction

→ : Cool

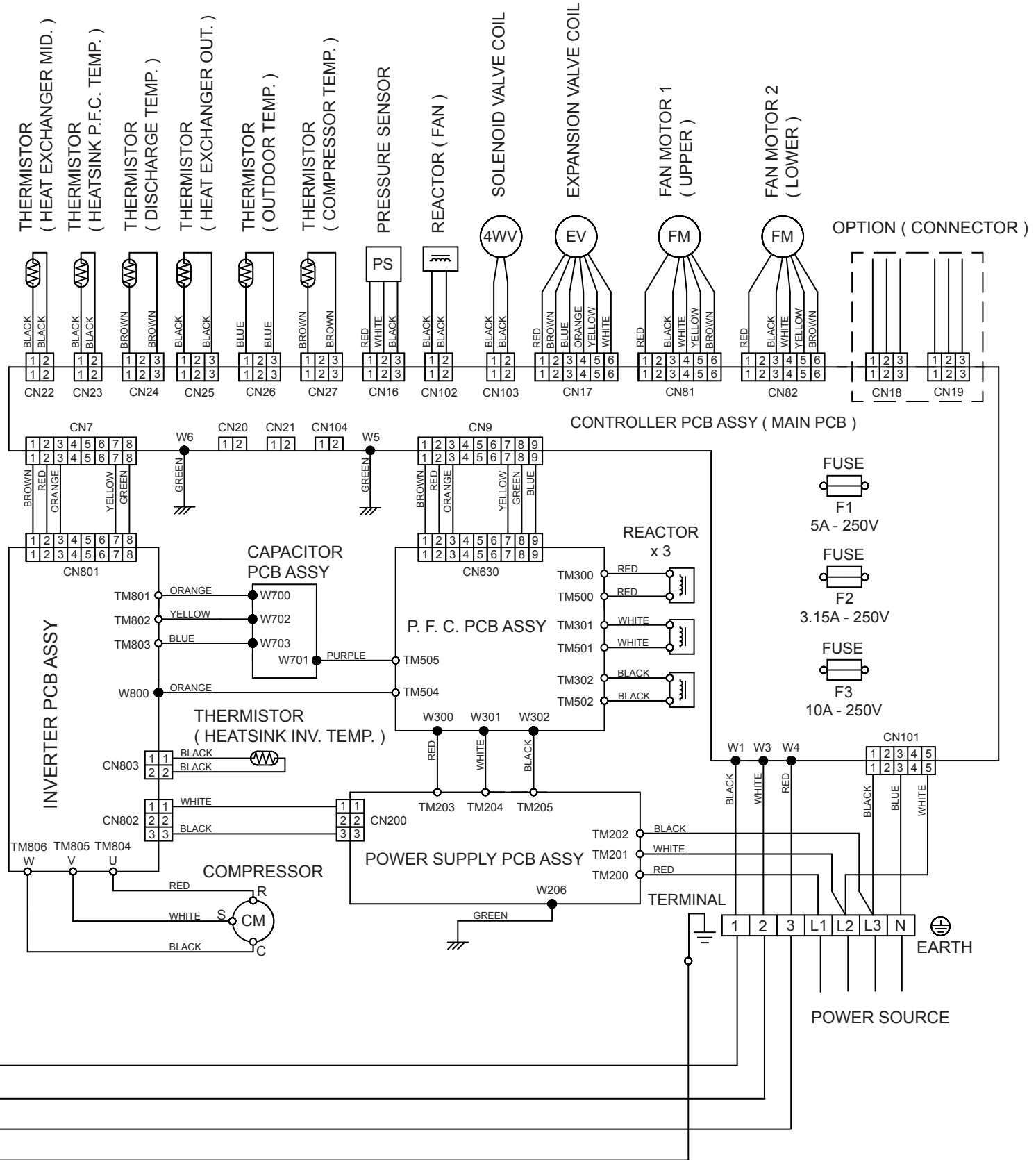
- - -> : Heat

CIRCUIT DIAGRAM

INDOOR UNIT



OUTDOOR UNIT



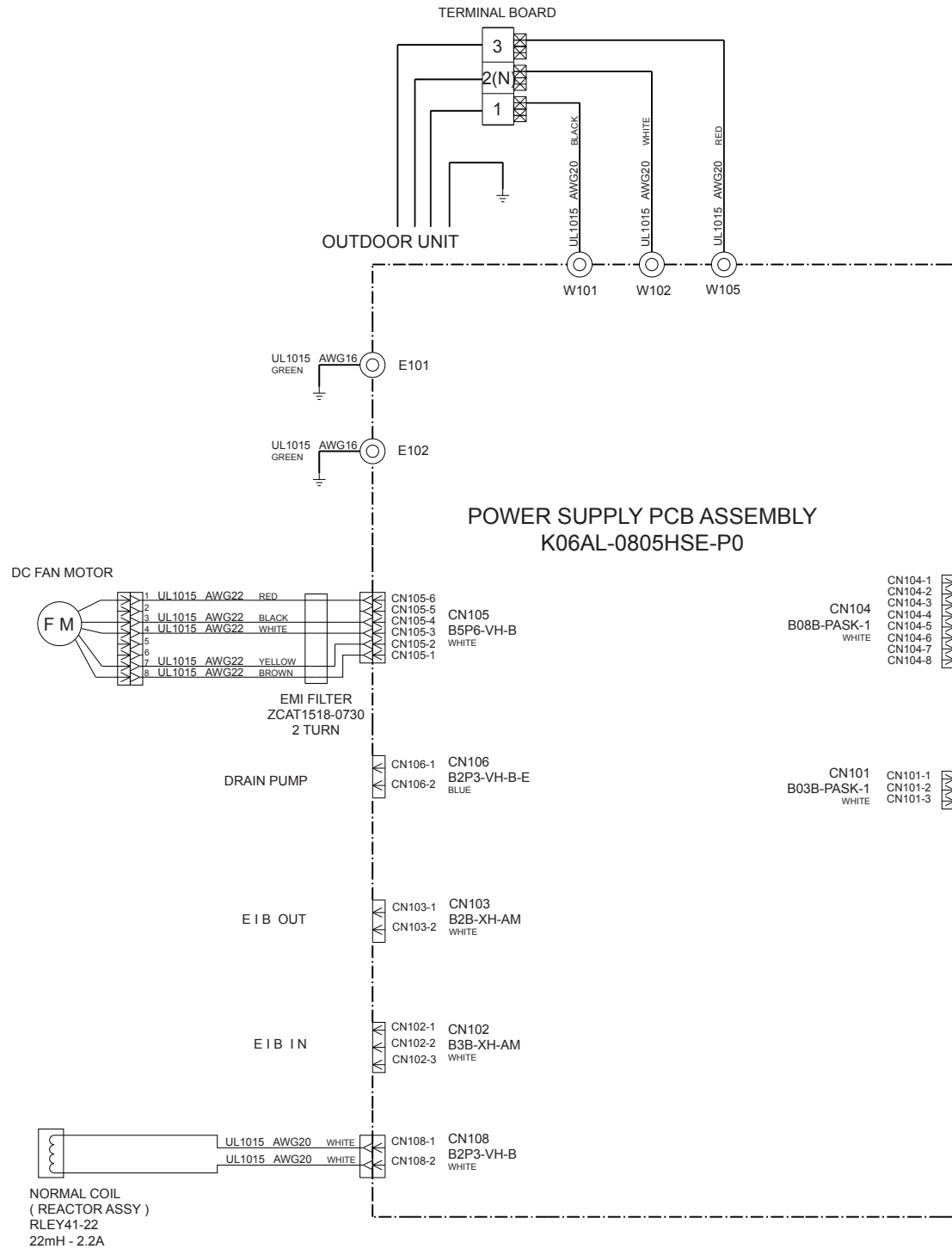
INDOOR PCB CIRCUIT DIAGRAM

INVERTER UNIT

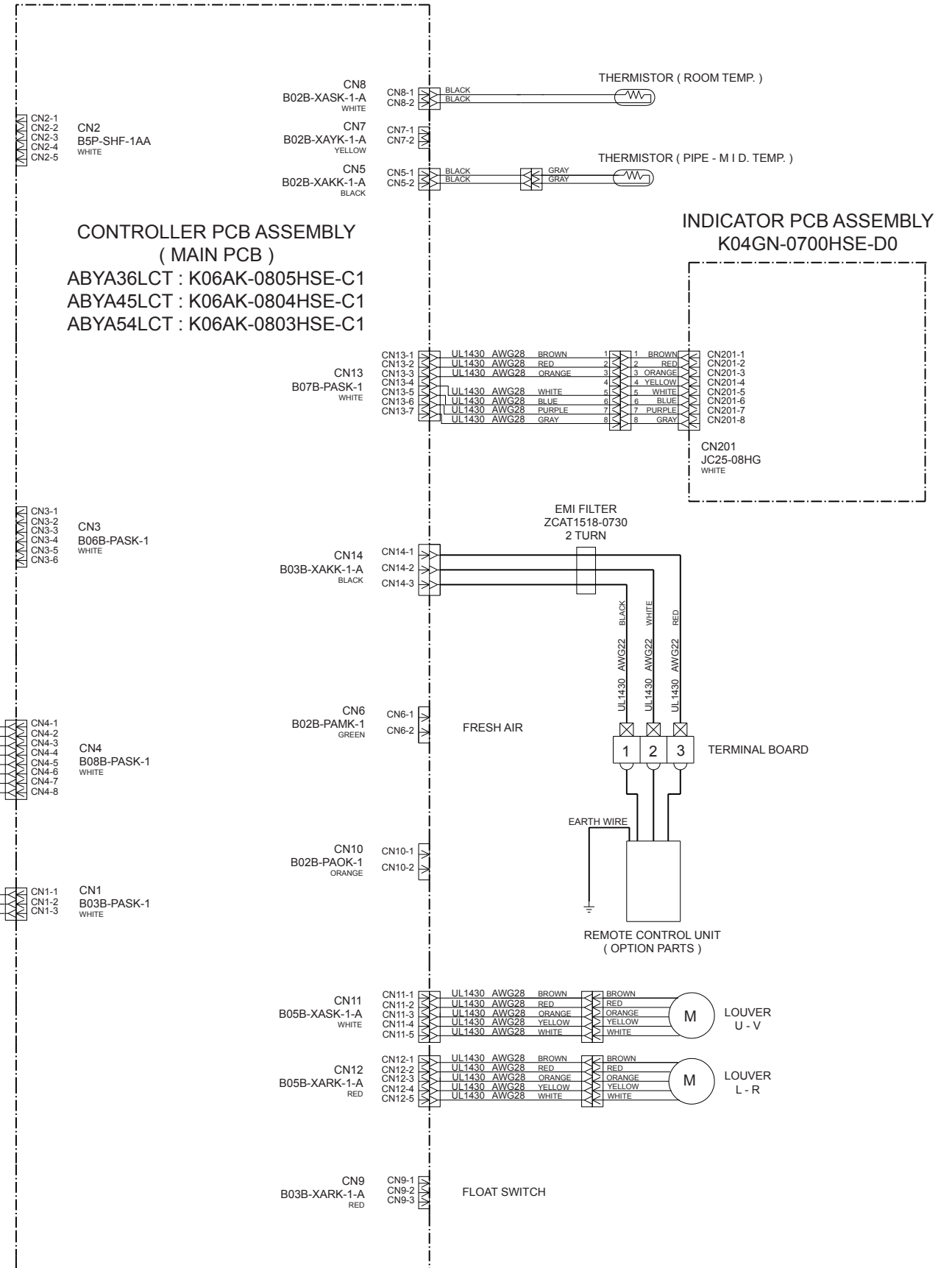
ABYA36LCT : EZ-0080DHSE

ABYA45LCT : EZ-0080CHSE

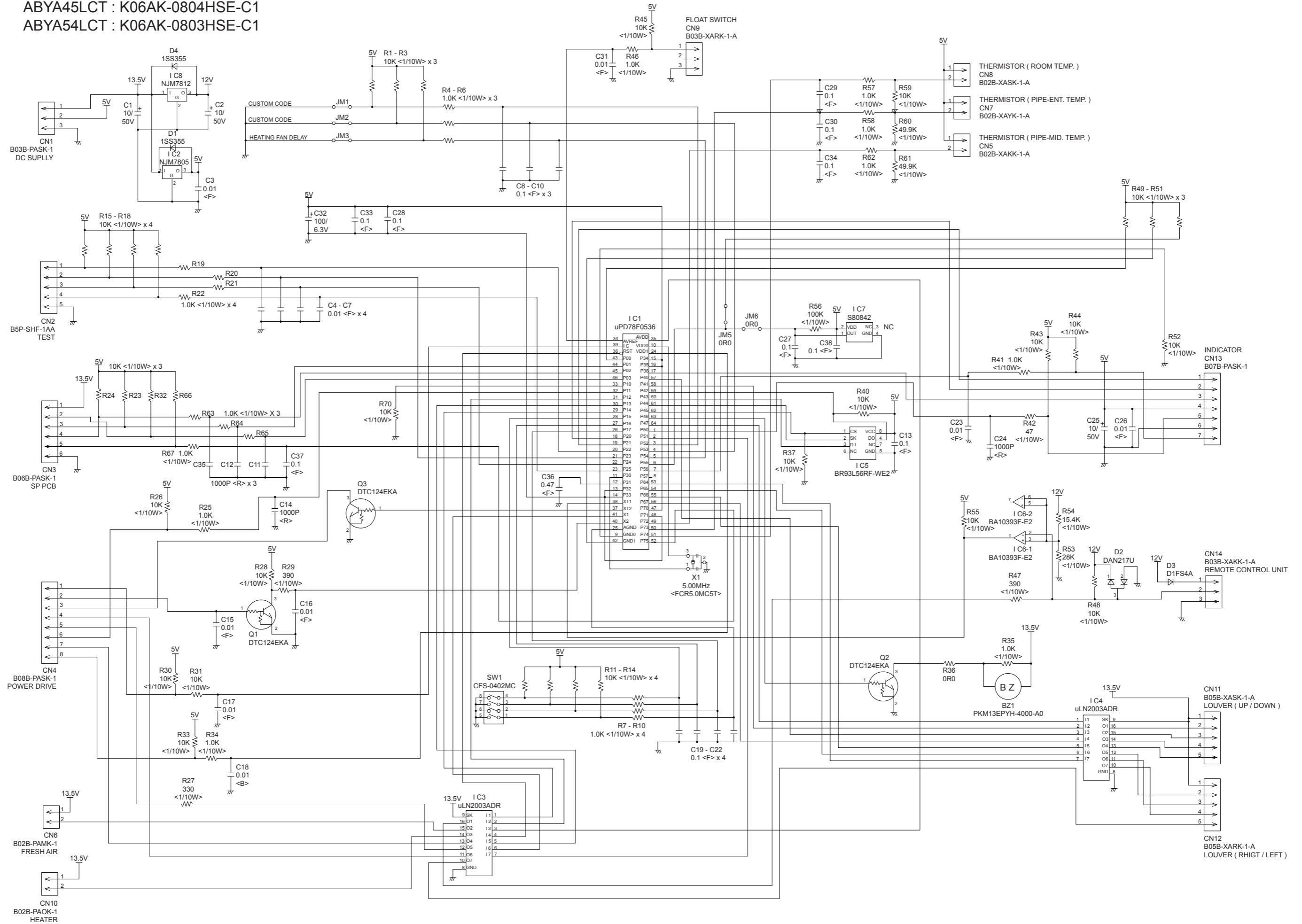
ABYA54LCT : EZ-0080BHSE



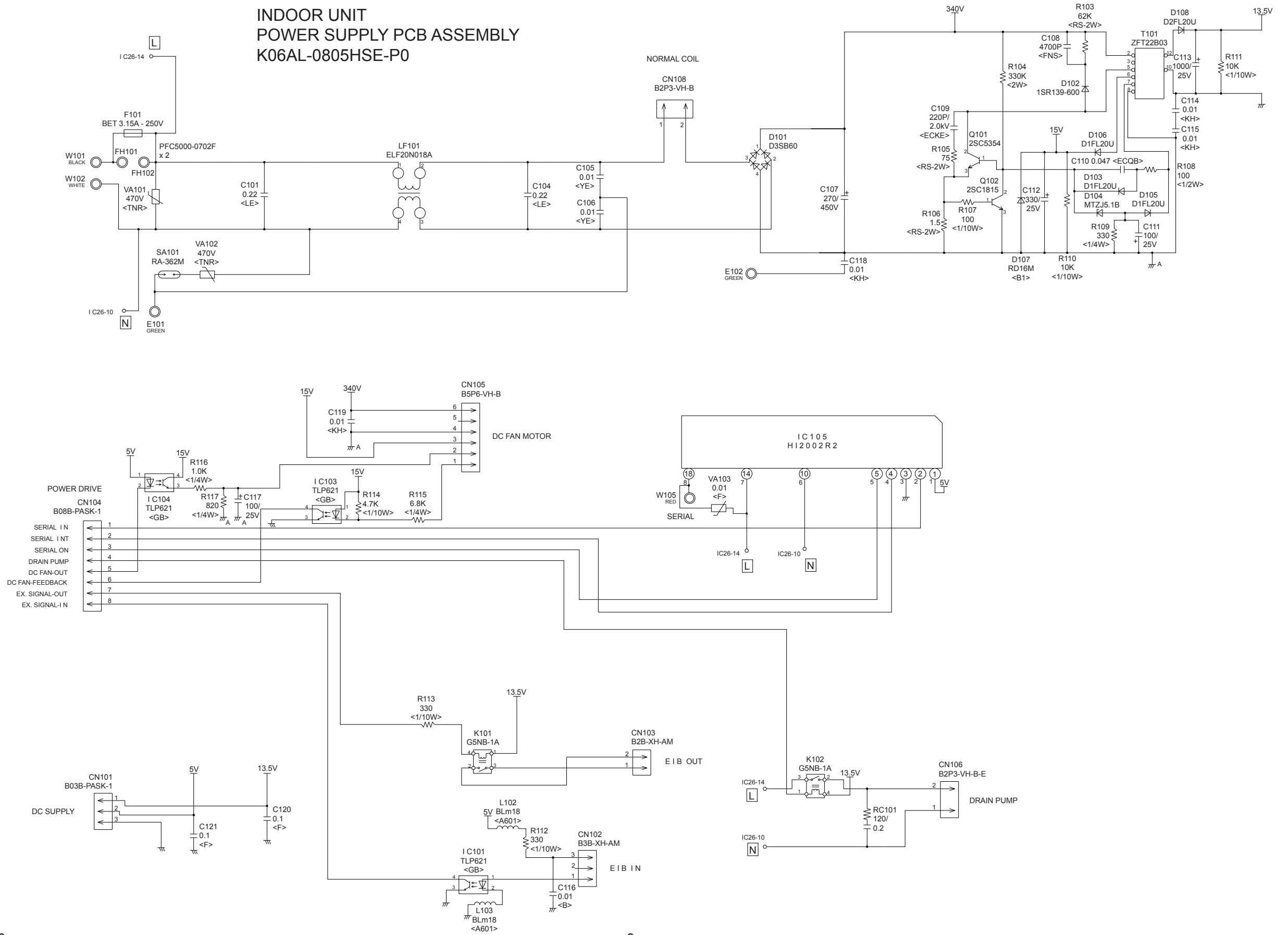
TEST



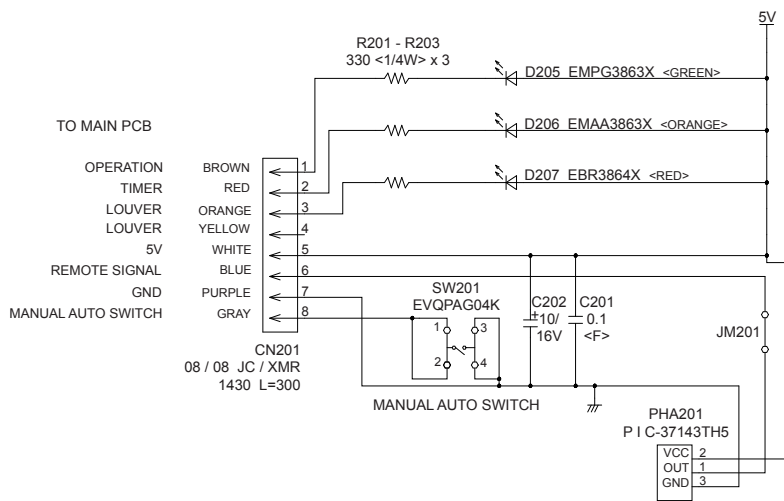
INDOOR UNIT
 CONTROLLER PCB ASSEMBLY
 ABYA36LCT : K06AK-0805HSE-C1
 ABYA45LCT : K06AK-0804HSE-C1
 ABYA54LCT : K06AK-0803HSE-C1



INDOOR UNIT POWER SUPPLY PCB ASSEMBLY K06AL-0805HSE-P0



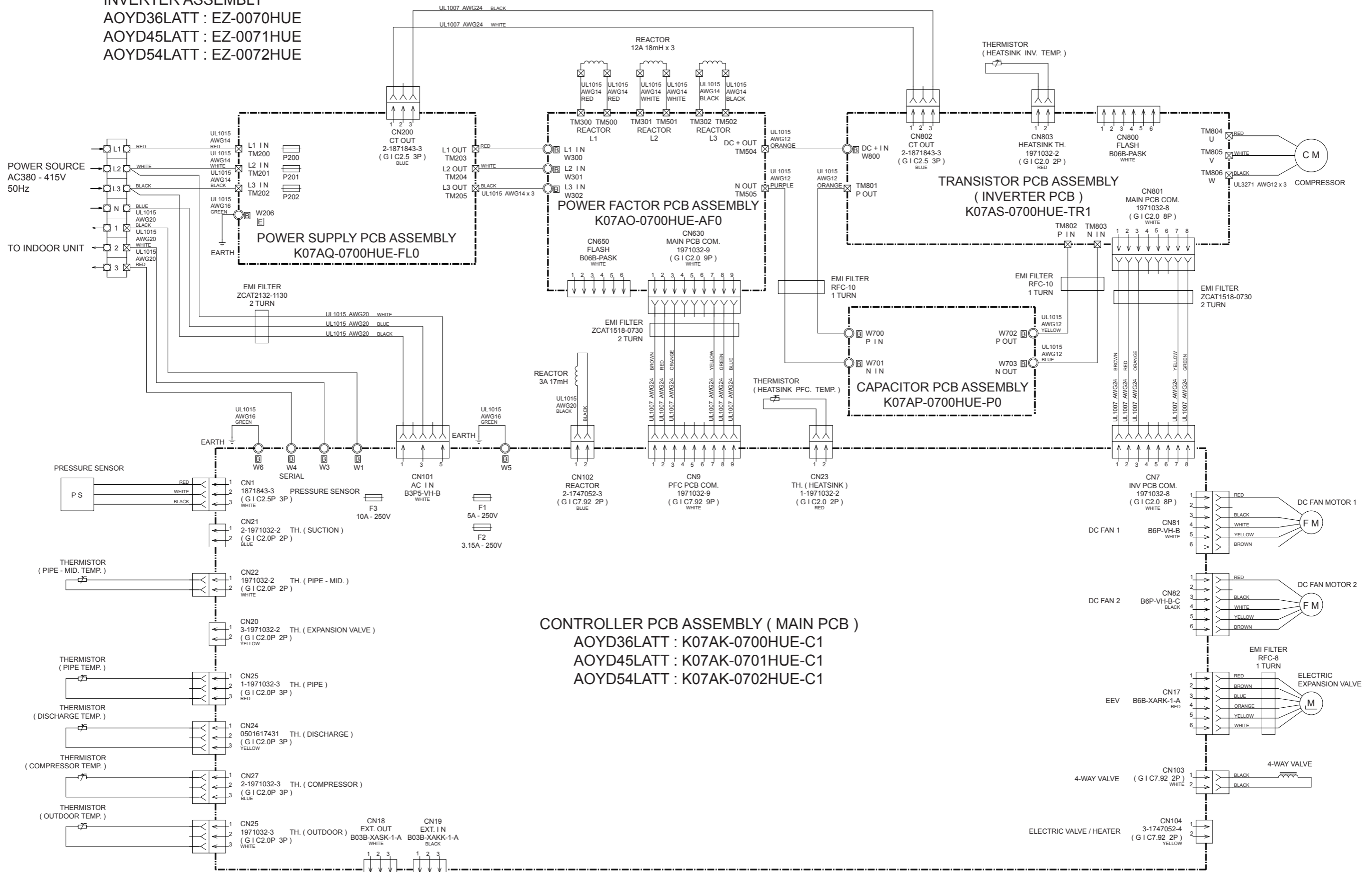
INDOOR UNIT INDICATOR PCB ASSEMBLY K04GN-0700HSE-D0



OUTDOOR PCB CIRCUIT DIAGRAM

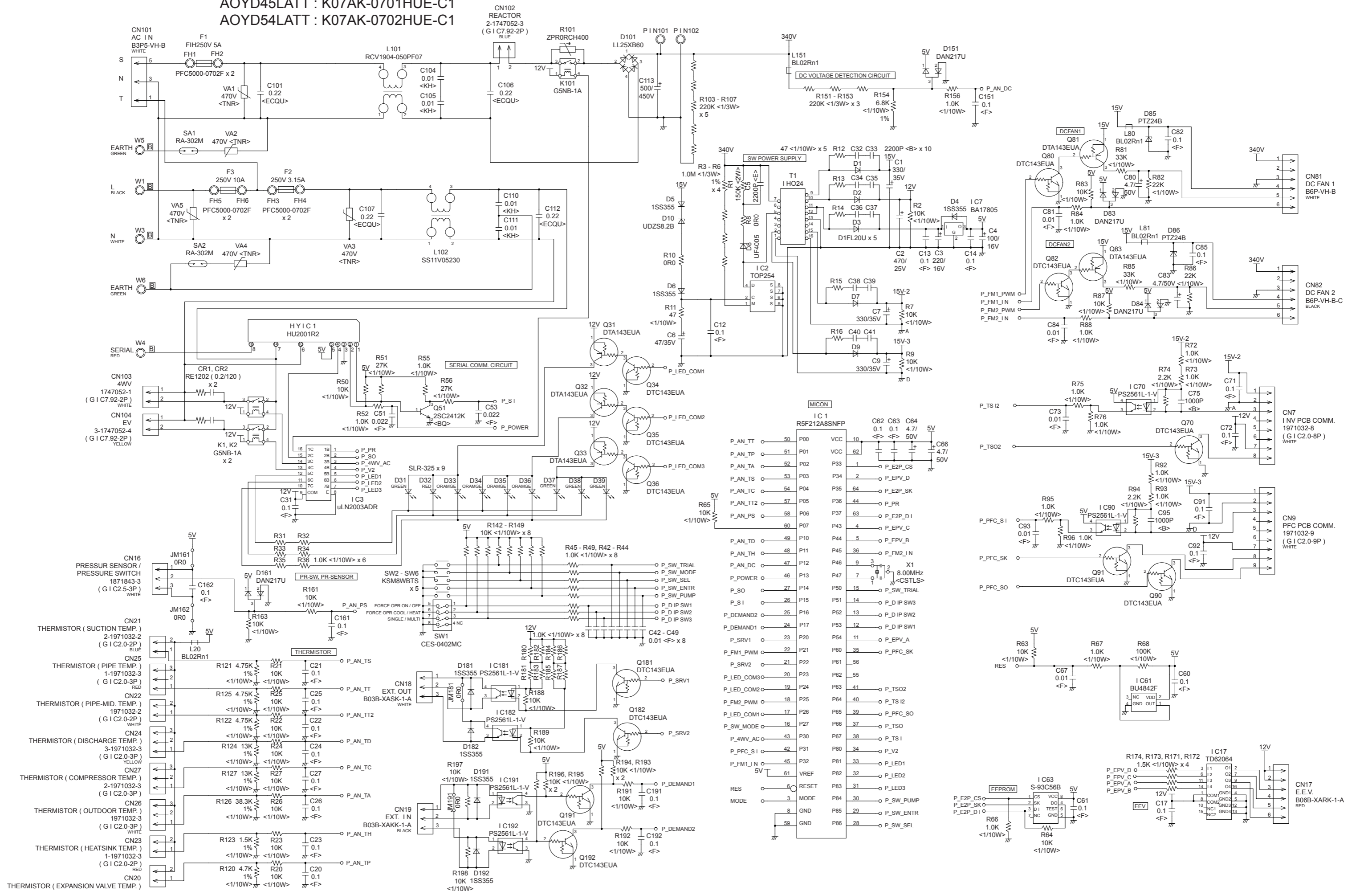
INVERTER ASSEMBLY

AOYD36LATT : EZ-0070HUE
 AOYD45LATT : EZ-0071HUE
 AOYD54LATT : EZ-0072HUE

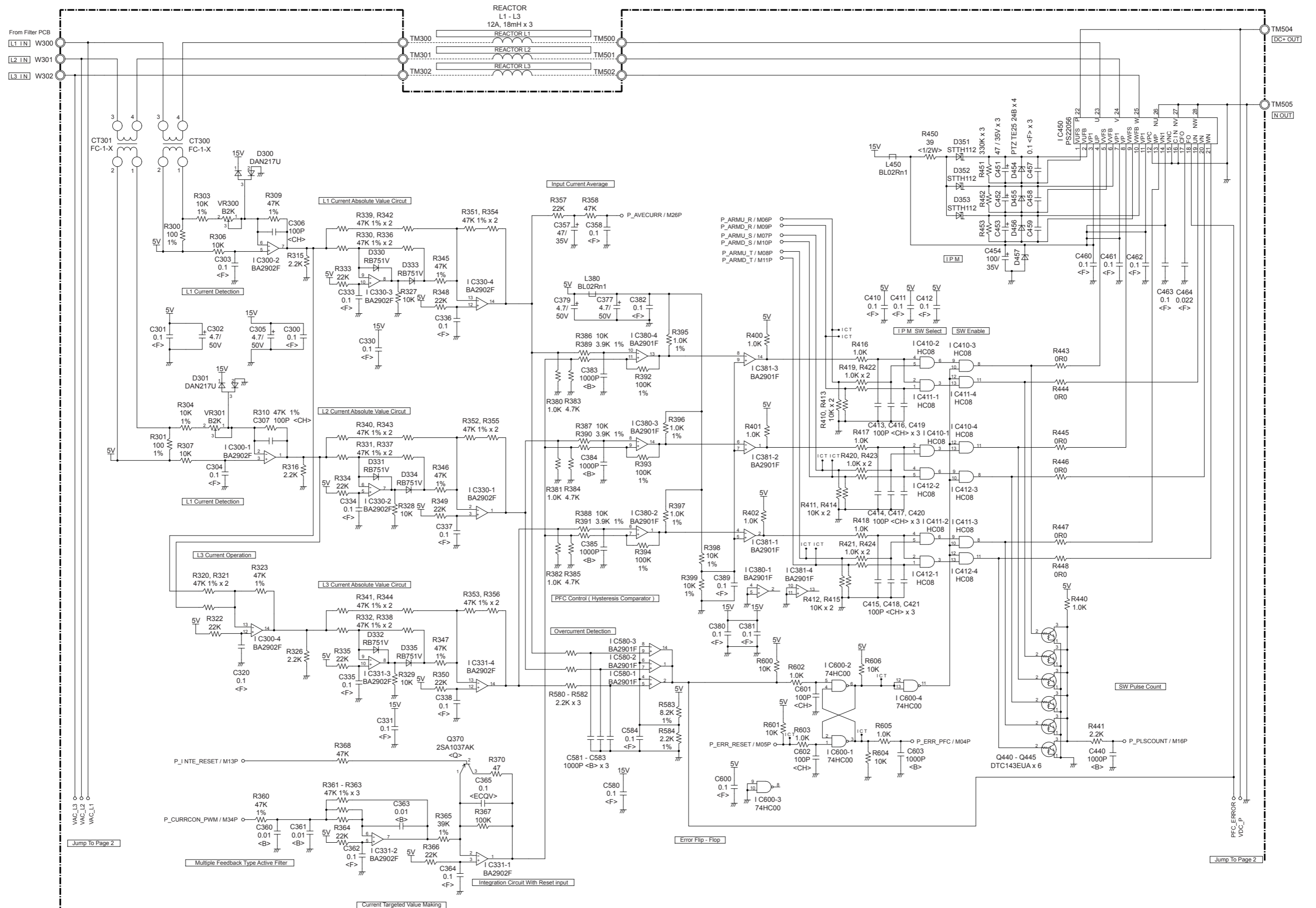


CONTROLLER PCB ASSEMBLY (MAIN PCB)
 AOYD36LATT : K07AK-0700HUE-C1
 AOYD45LATT : K07AK-0701HUE-C1
 AOYD54LATT : K07AK-0702HUE-C1

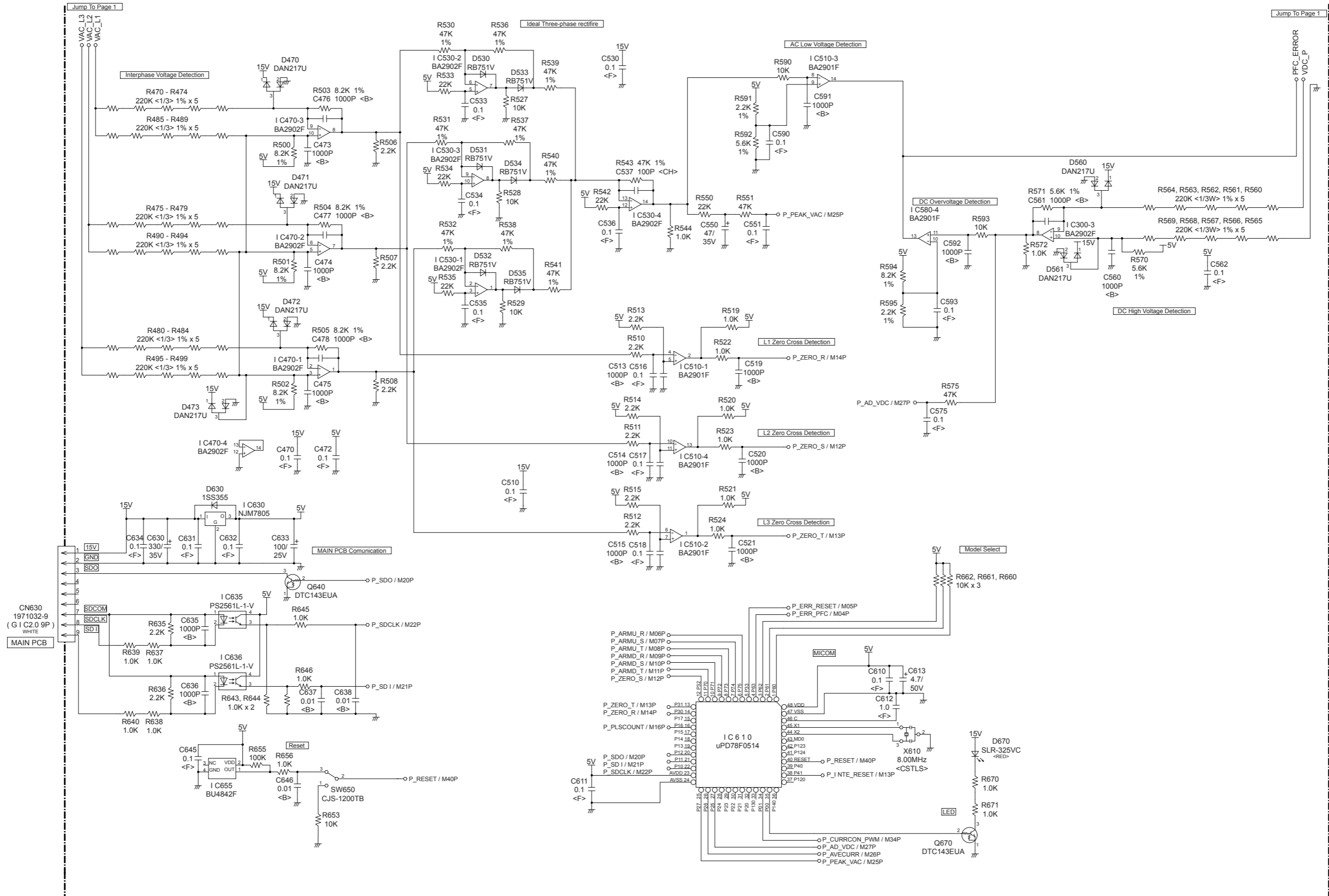
OUTDOOR UNIT
 CONTROLLER PCB ASSEMBLY
 AOYD36LATT : K07AK-0700HUE-C1
 AOYD45LATT : K07AK-0701HUE-C1
 AOYD54LATT : K07AK-0702HUE-C1



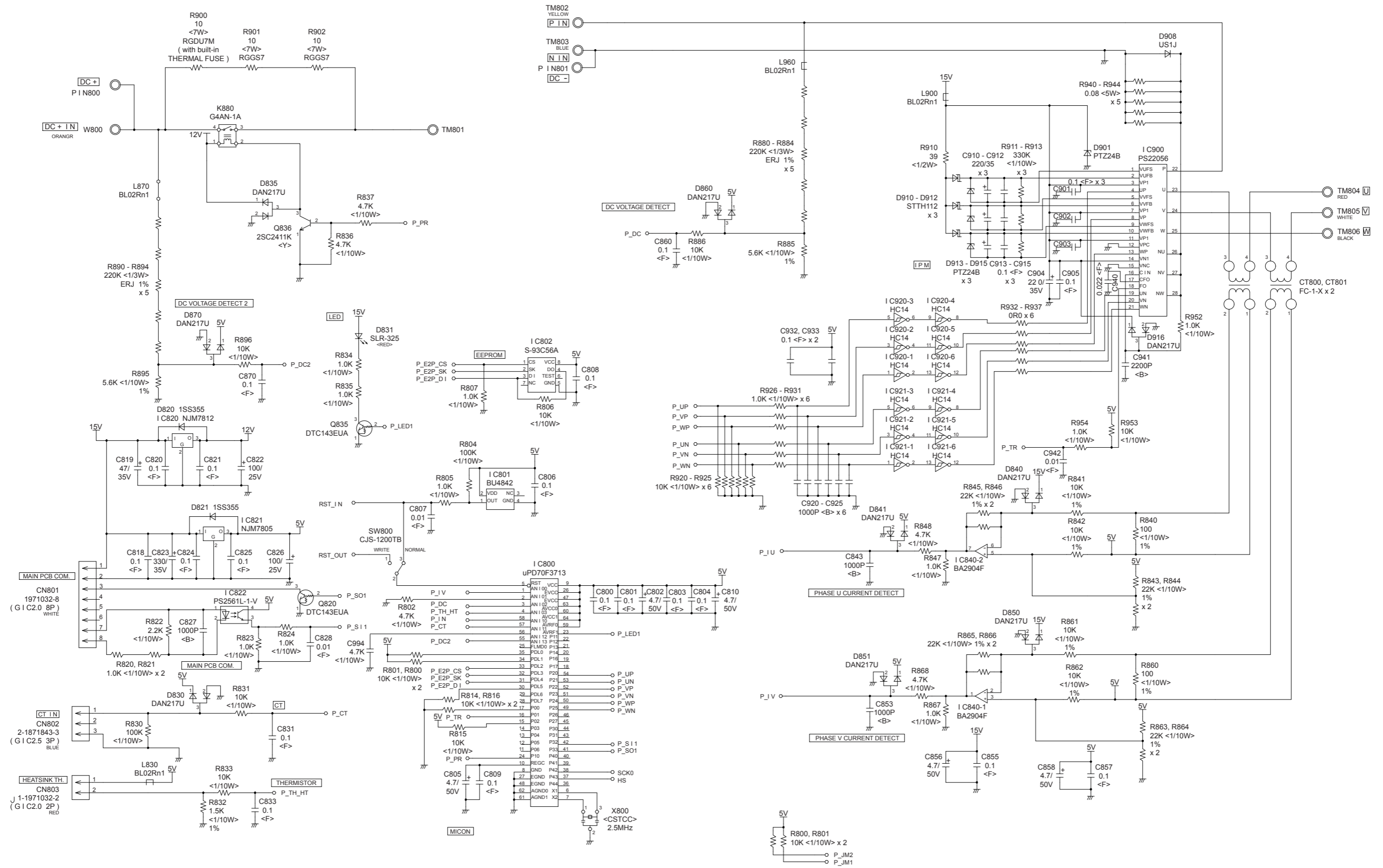
OUTDOOR UNIT POWER FACTOR PCB ASSEMBLY - 1



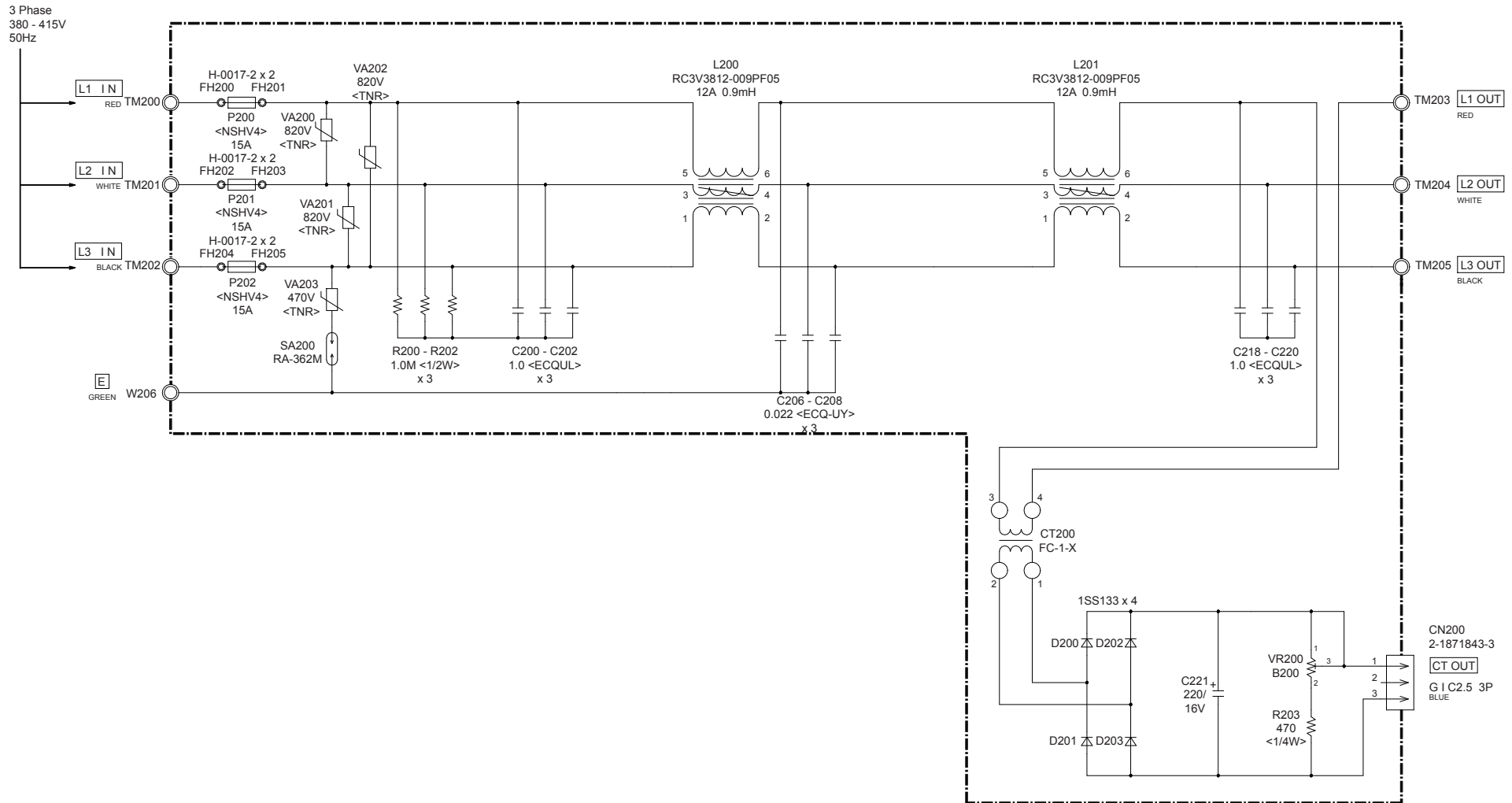
OUTDOOR UNIT POWER FACTOR PCB ASSEMBLY - 2



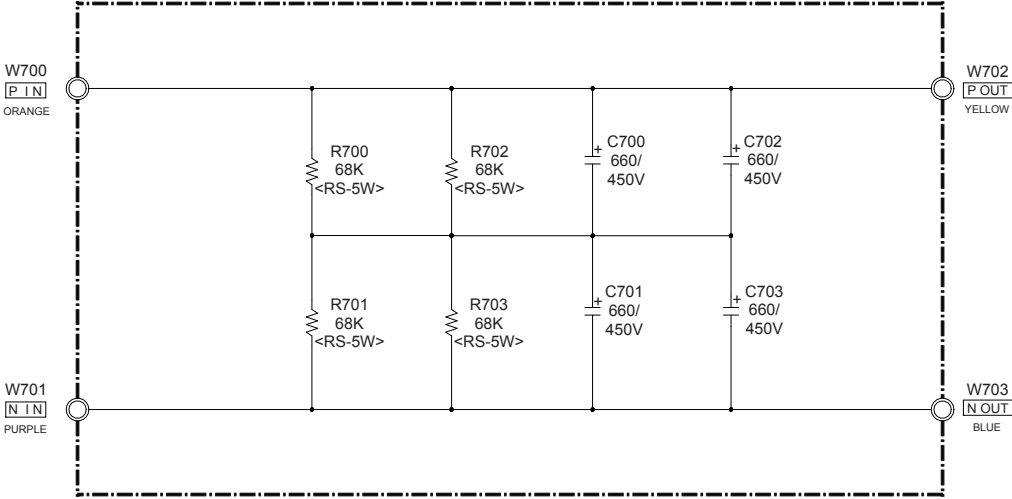
OUTDOOR UNIT
TRANSISTOR PCB ASSEMBLY (INVERTER)
K07AS-0700HUE-TR1



OUTDOOR UNIT POWER SUPPLY PCB ASSEMBLY K07AQ-0700HUE-FL0



OUTDOOR UNIT
CAPACITOR PCB ASSEMBLY
K07AP-0700HUE-P0

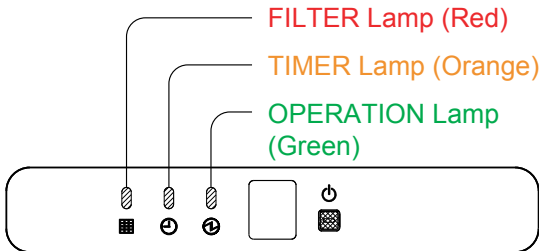


ERROR DETECTION

INDOOR UNIT

Troubleshooting with the indoor display

Error is displayed on the wired and wireless remote control.



Lamps show error contents by flashing as follows.

OPERATION Lamp	TIMER Lamp	FILTER Lamp	Error contents
off	2 times	off	Indoor signal error
off	3 times	off	
off	4 times	off	
off	5 times	off	
off	8 times	off	Wired remote controller abnormal
2 times	2 times	off	Indoor room temperature sensor error
2 times	3 times	off	Indoor heat exchanger temperature sensor (middle) error
2 times	4 times	off	Indoor heat exchanger temperature sensor (inlet) error
2 times	6 times	off	Float switch operated
3 times	2 times	off	Outdoor discharge pipe temperature sensor error
3 times	3 times	off	Outdoor heat exchanger temperature sensor (outlet) error
3 times	4 times	off	Outdoor temperature sensor error
3 times	7 times	off	Heat sink thermistor (Inverter) error
3 times	8 times	off	Compressor temperature sensor error
3 times	off	2 times	2-way valve temperature sensor error
3 times	off	3 times	3-way valve temperature sensor error
3 times	off	4 times	Outdoor heat exchanger temperature sensor (middle) error
3 times	off	5 times	Heat sink thermistor (P.F.C) error
4 times	2 times	off	Indoor manual auto switch abnormal
4 times	4 times	off	Power supply frequency detection error
5 times	2 times	off	IPM protection
5 times	3 times	off	CT error
5 times	5 times	off	Compressor location error
5 times	6 times	off	Outdoor fan error
5 times	7 times	off	Connected indoor unit abnormal
5 times	8 times	off	Outdoor unit computer communication error
5 times	off	2 times	Inverter error
6 times	2 or 3 times	off	Indoor fan abnormal
7 times	2 times	off	Discharge temperature error
7 times	3 times	off	Excessive high pressure protection on cooling
7 times	4 times	off	4-way valve abnormal
7 times	5 times	off	Pressure switch abnormal, Pressure sensor abnormal
7 times	6 times	off	Compressor temperature error
7 times	7 times	off	Low pressure error
8 times	2 or 3 times	off	Active filter abnormal
8 times	4 times	off	P.F.C. circuit error
8 times	6 times	off	P.F.C. PCB error
9 times	2 times	off	Refrigerant circuit address set-up error
9 times	3 times	off	Master unit, Slave unit set-up error
9 times	4 times	off	Connected indoor number set-up error

Flash means "0.5 second on / 0.5 second off".

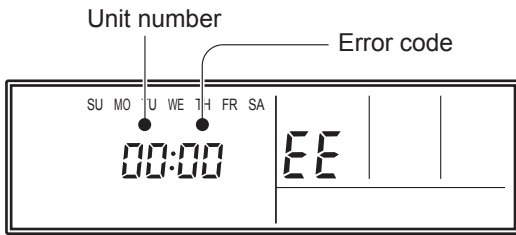
REMOTE CONTROL (option)

Troubleshooting at the remote control LCD

This is possible only on the wired remote control.

Self-diagnosis

If an error occurs, the following display will be shown.
("EE" will appear in the set room temperature display.)



Ex. Self-diagnosis

If "CO" appears in the unit number display, there is a remote control error. Refer to the installation instruction sheet included with the remote control.

Error code	Error contents
01 13 26 27	Indoor signal error
00	Wired remote controller abnormal
02	Indoor room temperature sensor error
04	Indoor heat exchanger temperature sensor (middle) error
28	Indoor heat exchanger temperature sensor (inlet) error
09	Float switch operated
0c	Outdoor discharge pipe temperature sensor error
06	Outdoor heat exchanger temperature sensor (outlet) error
0A	Outdoor temperature sensor error
0E	Heat sink thermistor (Inverter) error
15	Compressor temperature sensor error
1d	2-way valve temperature sensor error
1E	3-way valve temperature sensor error
29	Outdoor heat exchanger temperature sensor (middle) error
2d	Heat sink thermistor (P.F.C.) error
20	Indoor manual auto switch abnormal
2A	Power supply frequency detection error
17	IPM protection
18	CT error
1A	Compressor location error
1b	Outdoor fan error
1F	Connected indoor unit abnormal
1c	Outdoor unit computer communication error
2E	Inverter error
12	Indoor fan abnormal
0F	Discharge temperature error
24	Excessive high pressure protection on cooling
2c	4-way valve abnormal
16	Pressure switch abnormal, Pressure sensor abnormal
2b	Compressor temperature error
2F	Low pressure error
19	Active filter abnormal
25	P.F.C. circuit error
30	Refrigerant circuit address set-up error
31	Master unit, Slave unit set-up error
32	Connected the indoor number set-up error
33	P.F.C. PCB error

OUTDOOR UNIT

TEST RUN

⚠ CAUTION

Always turn on the power 6 hours prior to the start of the operation in order to protect the compressor.

1. Check items before performing the test run

Make sure to perform the test run.

Before performing the test run, be sure to check the following points.

- (1) Is gas leaking ?
Check connection of each pipe (flare connection part, brazing part).
- (2) Is a breaker installed to the power cable of the outdoor unit ?
- (3) Has each cable been securely connected to the terminal according to the specifications ?
- (4) Are the 3-way valves (gas pipes and liquid pipes) of the outdoor units open?
- (5) Has the power been supplied to the unit for at least 6 hours ?
- (6) Has the necessary local setting been done ?
- (7) Check insulation resistance of 1 MΩ or more using a 500V mega tester.

If no problems are found with the above items, perform the test run according to "Test run method".

If any problems are found, immediately resolve the problem and re-check the items.

2. Test run method

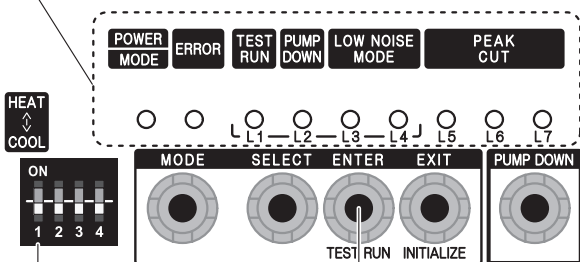
⚠ CAUTION

If the test run is performed for 1 outdoor unit in a group control system installation, the test run will also be performed for the other units. Therefore, make sure that all of the units have been installed before starting a test run.
(Group control system installation described in "SPECIAL INSTALLATION METHODS" in the installation manual of the indoor unit.)

Operate [ENTER] (TEST RUN) switch on the display board by the following procedure.

[Controller PCB Assy of control unit]

LED display part



Operation mode
Upper : HEAT
Lower : COOL

[ENTER] (TEST RUN) switch

2.1. Operating procedures for the test run

- (1) Check the 3-way valves (both at the liquid side and gas side) are opened.
- (2) Set the operation mode to "COOL" or "HEAT".

POWER MODE	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3) (L4)		PEAK CUT (L5) (L6) (L7)		
●	○	○	○	○	○	○	○	○

Sign "●" lights on.

In the first test run, be sure to set the operation mode to "COOL".

The operation mode cannot be switched between "COOL" and "HEAT" during the test run. To switch the operation mode between "COOL" and "HEAT", stop the test run, switch the operation mode, and then start the test run again.

- (3) Press [ENTER] (TEST RUN) switch for more than 3 seconds.

POWER MODE	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3) (L4)		PEAK CUT (L5) (L6) (L7)		
●	○	●	○	○	○	○	○	○

"TEST RUN" LED will light on.

If the compressor is operating at starting the test run, the compressor will stop and, after a while, the test run will start.

Either of the above "LOW NOISE" or "PEAK CUT" will light on during the test run if local setting function is selected.

- (4) Confirm operating status.
- (5) Press [ENTER] (TEST RUN) switch again.

POWER MODE	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3) (L4)		PEAK CUT (L5) (L6) (L7)		
●	○	○	○	○	○	○	○	○

"TEST RUN" LED lights off, and TEST RUN stops.

Test run will finish after about 60 minutes automatically. At the same time, "TEST RUN" LED will light off.

Test run may be stopped before operating for 60 minutes if an error occurs after a starting test run.

OUTDOOR UNIT

ERROR CODE DISPLAY

When an error occurs, “short-press” the [ENTER] switch once. The number of blinks of the LED indicates the type of error.

1 How to check error code

1.1. Display when an error occurs

POWER MODE	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3) (L4)		PEAK CUT (L5) (L6) (L7)		
●	Blinks (Hi-speed)	○	○	○	○	○	○	○

(1) Check that the “ERROR” LED blinks, and then “short-press” the [ENTER] switch once.

1.2. Display while an error code is blinking

POWER MODE	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3) (L4)		PEAK CUT (L5) (L6) (L7)		
Blinks (Twice)	Blinks	○	○	○	○	○	○	○

(2) The “POWER MODE” LED will blink twice and the “ERROR” LED will blink several times.

The number of blinks of the “ERROR” LED varies according to the type of error. For details, refer to the right table.

2 Error code check table

Number of blinks (LED)	Error type
1	Serial forward transfer error
2	Discharge thermistor error
3	Heat-exchange thermistor (outlet) error
4	External temperature thermistor error
5	Heat-exchange thermistor (intermediate) error
6	Discharge temperature protection (permanent stoppage)
7	Compressor thermistor error
8	Heatsink thermistor (inverter) error
9	Pressure switch (sensor) error
10	Compressor temperature protection (permanent stoppage)
11	Connection with indoor unit error
12	Current trip (permanent stoppage)
13	Detection of compressor position error (permanent stoppage)
14	Compressor start up error (permanent stoppage)
15	Fan motor (1) error (permanent stoppage)
16	Fan motor (2) error (permanent stoppage)
17	Heatsink thermistor (P.F.C.) error
18	Inverter error
19	P.F.C. error
20	Low pressure abnormal
21	Indoor unit abnormality condition

SPECIAL INSTALLATION SETTING

OUTDOOR UNIT

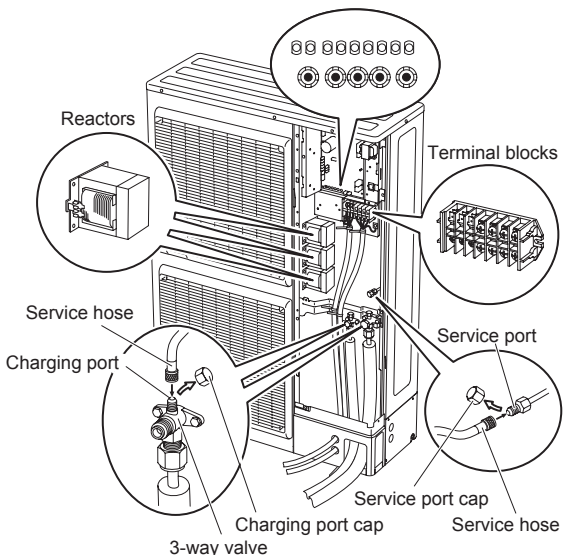
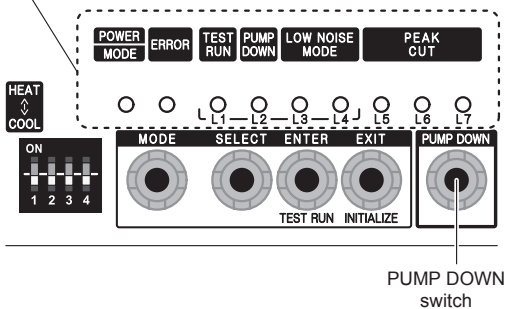
PUMP DOWN (Refrigerant collecting operation)

Perform the following procedures to collect the refrigerant when moving the indoor unit or outdoor unit

⚠ WARNING
Never touch electrical components such as the terminal blocks or reactor except the switch on the display board. It may cause a serious accident such as electric shock.
⚠ CAUTION
Perform the pump down operation before disconnecting any refrigerant pipe or electric cable.
Collect refrigerant from the service port or the 3-way valve if pump down cannot be performed.
In case of a group control system installation, do not turn the power off pump down is completed in all outdoor units. (Group control system installation described in "SPECIAL INSTALLATION METHODS" in the installation manual of the indoor unit.)

Operate [PUMP DOWN] switch on the display board in the manner described below.

LED display part



1. Preparation for pump down

Confirm that the power is off, and then open the service panel.

2. Pump down procedure

- (1) Check the 3-way valves (both at the liquid side and gas side) are opened.
- (2) Turn the power on.

POWER	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3)	(L4)	PEAK CUT (L5) (L6) (L7)		
MODE								
●	○	○	○	○	○	○	○	○

- (3) Press [PUMP DOWN] switch for 3 seconds or more after 3 minutes after power on.

POWER	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3)	(L4)	PEAK CUT (L5) (L6) (L7)		
MODE								
●	○	○	●	○	○	●	●	●

LED display lights on as shown in the above figure, and the fans and the compressor start operating.

If the [PUMP DOWN] switch is pressed while the compressor is operating, the compressor will stop, then start again in about 3 minutes.

- (4) LED display will change as shown below about 3 minutes after the compressor starts. Fully close the 3-way valve on the liquid pipe side at this stage.

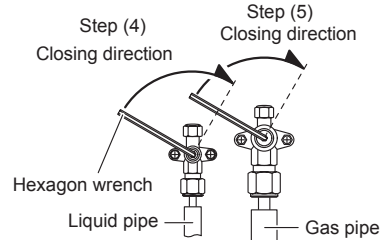
POWER	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3)	(L4)	PEAK CUT (L5) (L6) (L7)		
MODE								
●	○	○	●	○	○	○	●	●

If the valve on the liquid pipe side is not closed, the pump down cannot be performed.

- (5) When LED display changes as shown in the below figure, close the 3-way valve on the gas pipe side tightly.

POWER	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3)	(L4)	PEAK CUT (L5) (L6) (L7)		
MODE								
●	○	○	●	○	○	○	○	●

If the valve on the gas pipe side is not closed, refrigerant may flow into the piping after the compressor stops



- (6) LED display changes after 1 minute as shown in the figure below

POWER	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3)	(L4)	PEAK CUT (L5) (L6) (L7)		
MODE								
●	○	○	●	○	○	○	○	○

Fans and compressor stop automatically.

If the pump down is successfully completed (the above LED display is shown), the outdoor unit remains stopped until the power is turned off.

- (7) Turn the power off.

POWER	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3)	(L4)	PEAK CUT (L5) (L6) (L7)		
MODE								
○	○	○	○	○	○	○	○	○

PUMP DOWN is completed.

(Note)

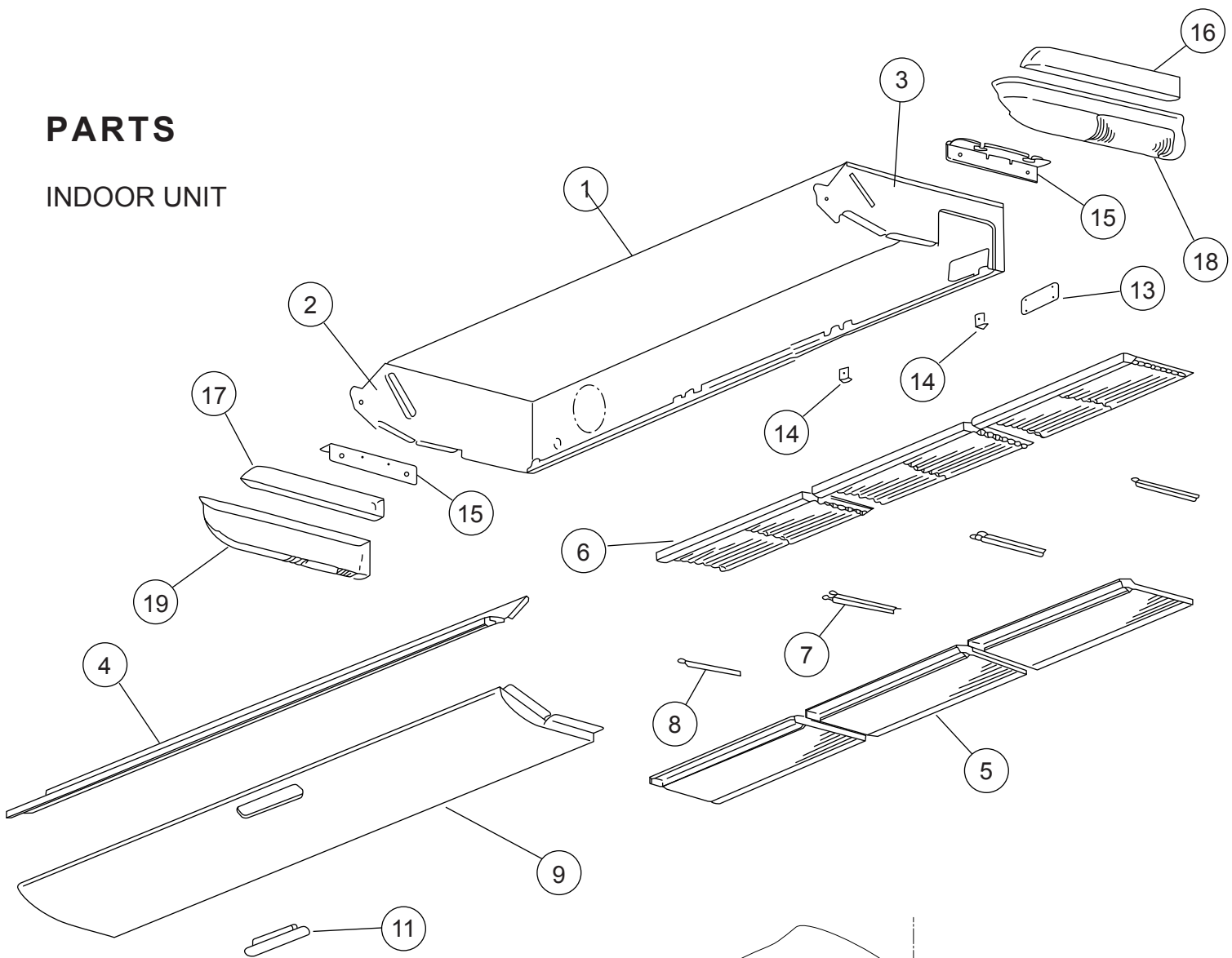
To stop pump down, press the [PUMP DOWN] switch again.

To start the pump down again after the compressor is automatically stopped due to an error, turn the power off and open the 3-way valves. Wait 3 minutes, turn the power on and start the pump down again.

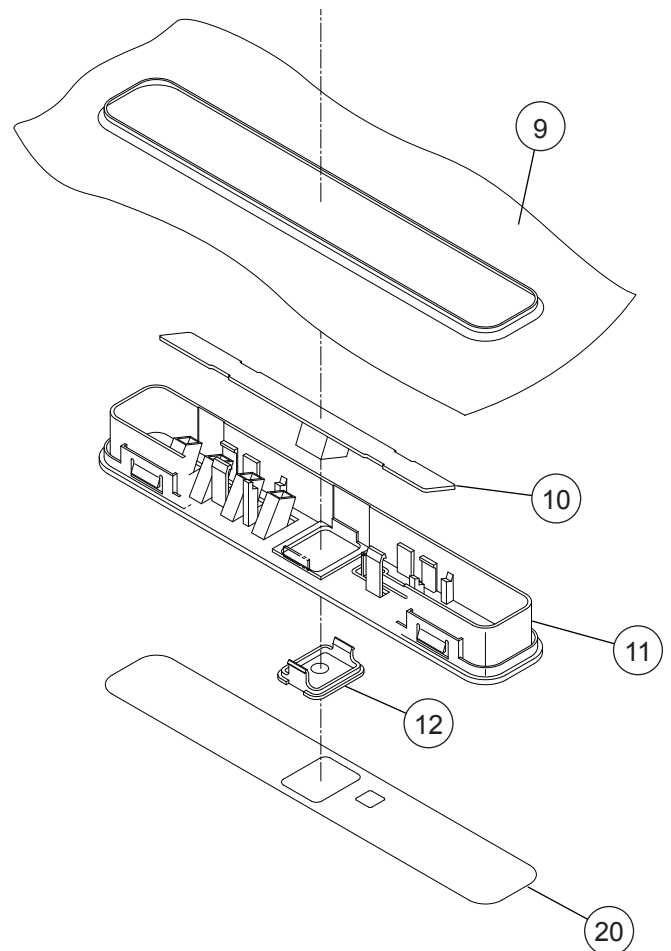
When starting the operation after completion of the pump down, turn the power off, and then open the 3-way valves. Wait 3 minutes, turn the power on and perform a test run in the "COOL" operation mode.

PARTS

INDOOR UNIT

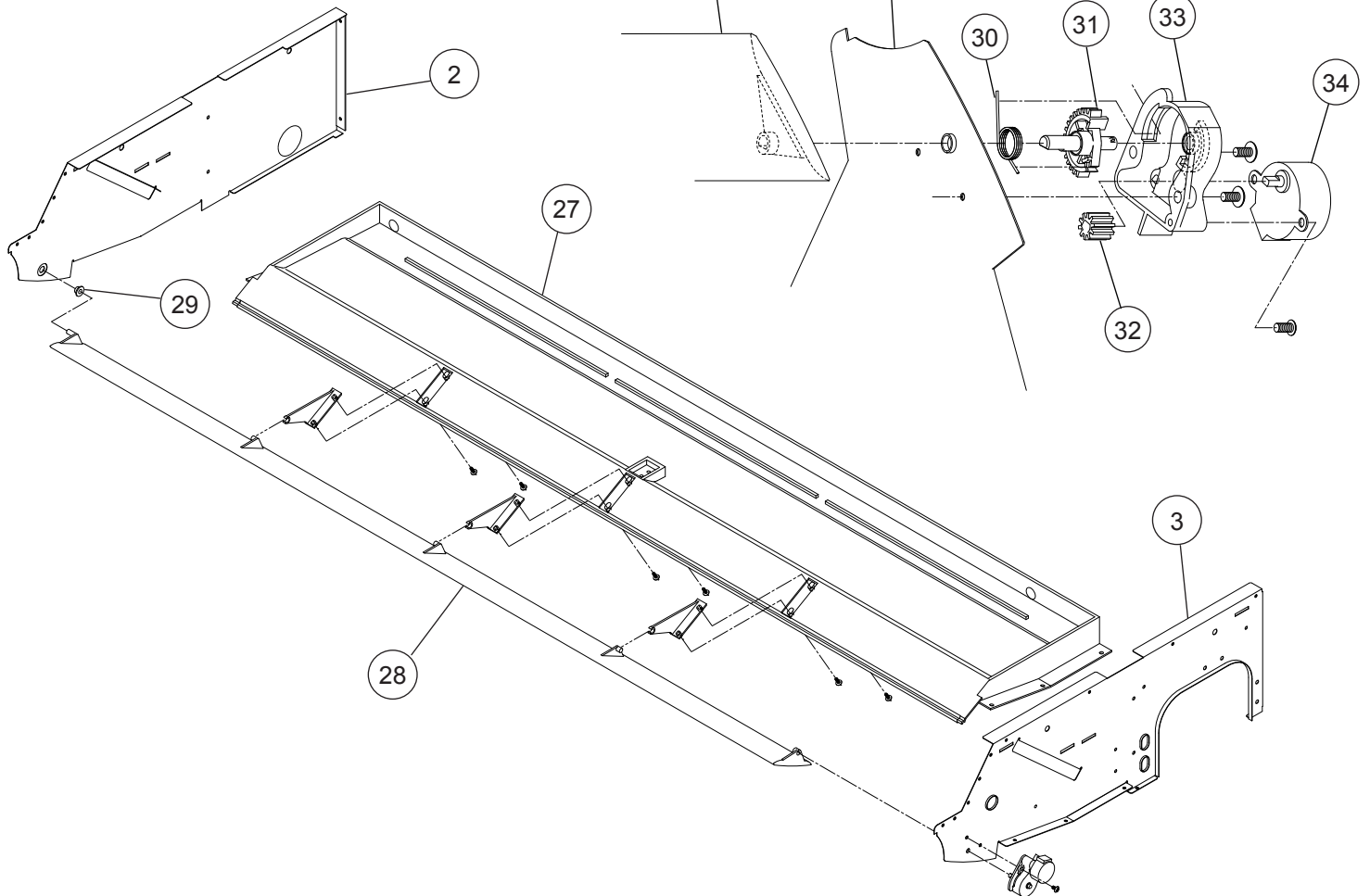
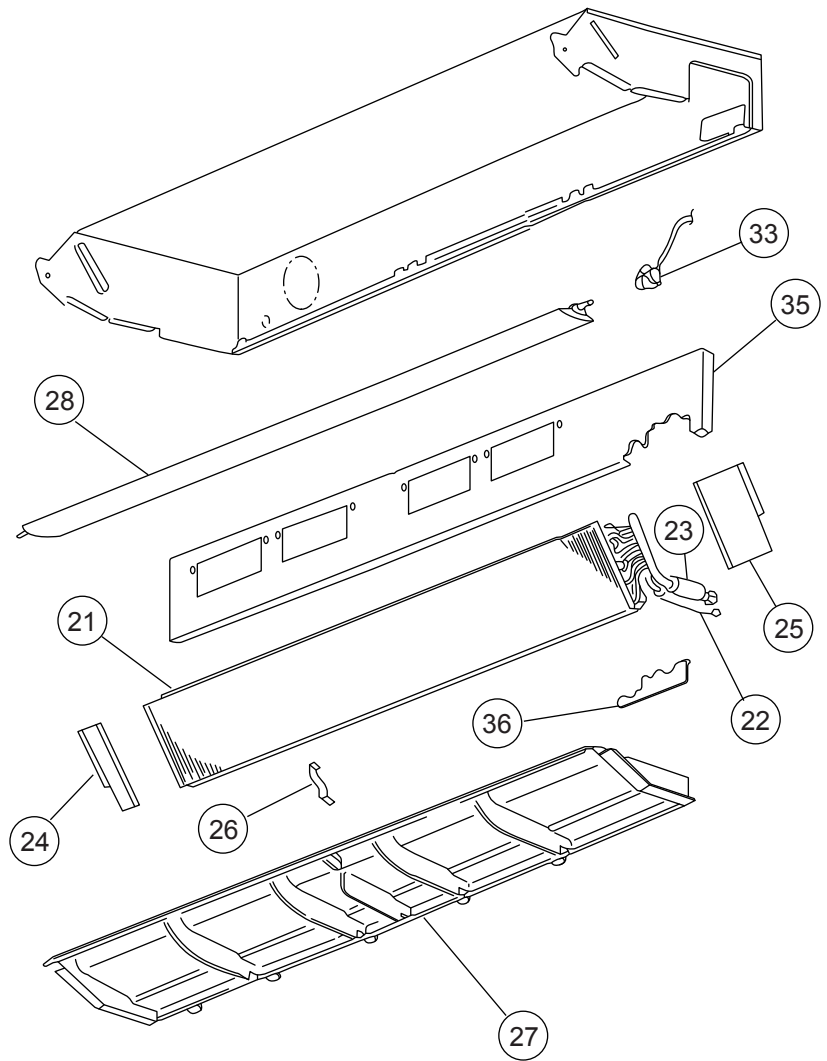


Ref.	Description	Part number
1	Kit (Base Sub Assy)	9371360010
2	Panel Left Sub Assy	9360427014
3	Kit (Panel Right Assy)	9371361017
4	Cover (Top)	9359737001
5	Intake Grille	9359738008
6	Air Filter	9359739005
7	Filter Guide R	9359692003
8	Filter Guide L	9359693000
9	Front Panel	9359734000
10	Indicator PCB Assy	9705891043
11	PCB Holder	9359736004
12	Receiver Cover	9359714002
13	Hole Cover	9359691006
14	Hinge Plate (Grille)	9359694007
15	Hanger Bracket	9359742005
16	Cover (Decoration) R	9359744009
17	Cover (Decoration) L	9359745006
18	Kit (Side Cover R)	9371364018
19	Kit (Side Cover L)	9371365015
20	Badge	9359735083

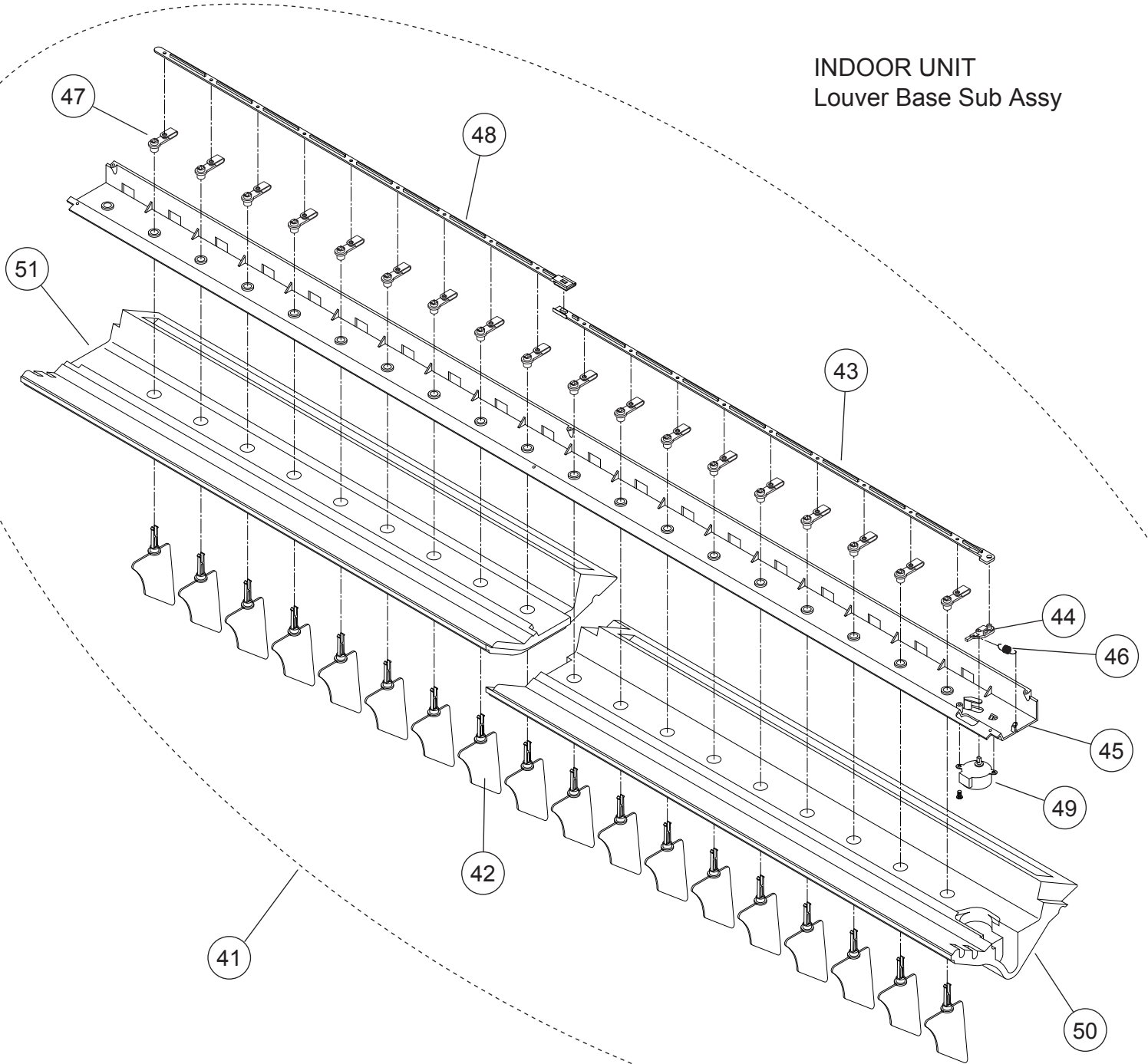


INDOOR UNIT
Drain pan, Flap

Ref.	Description	Part number
2	Panel Left Sub Assy	9360427014
3	Kit (Panel Right Assy)	9371361017
21	Evaporator Assy (36, 45)	9372585078
21	Evaporator Assy (54)	9372585160
22	Distributor Assy (36, 45)	9371325378
22	Distributor Assy (54)	9371325569
23	Coupling Pipe Assy (36, 45)	9373038405
23	Coupling Pipe Assy (54)	9373038634
24	Kit (Panel pipe L) Sub Assy	9371362014
25	Kit (Panel pipe R) Sub Assy	9371363011
26	Reinforcement Metal	9359697008
27	Drain Pan Sub Assy	9360429018
28	Flap Assy	9359731009
29	Bushing	9359733003
30	Flap Spring	9359730002
31	Sector Gear	9359729006
32	Pinion Gear	9359728009
33	Motor Base	9359727002
34	Step Motor V	9900362010
35	Kit (Separate Wall Sub Assy)	9371366029
36	Pipe Fixture Metal	9359688006
--	Evaporator B Assy (54)	9379005012
--	Drain Cap	9358746004
--	Pipe Thermistor	9900022020
--	Thermistor Spring A	313728262708

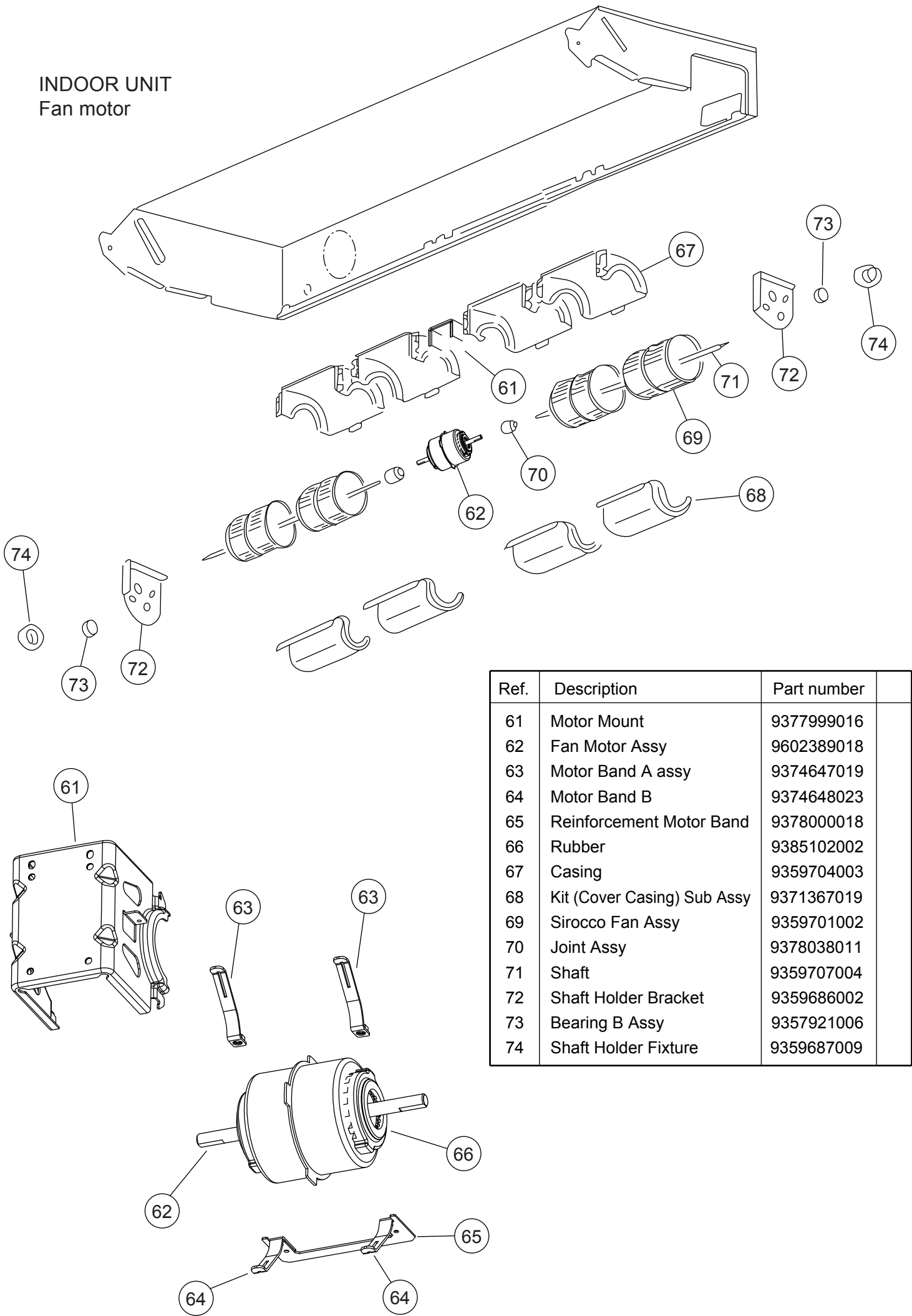


INDOOR UNIT
Louver Base Sub Assy



Ref.	Description	Part number
41	Louver Base Sub Assy	9360432025
42	Louver	9359719007
43	Rod (Motor)	9359723004
44	Louver Link	9359726005
45	Louver Base	9359718000
46	Louver Spring	9359720003
47	Louver Stopper	9359724001
48	Louver Rod	9359725008
49	Step Motor H	9900297015
50	Louver Insulation R	9359721000
51	Louver Insulation L	9359722007

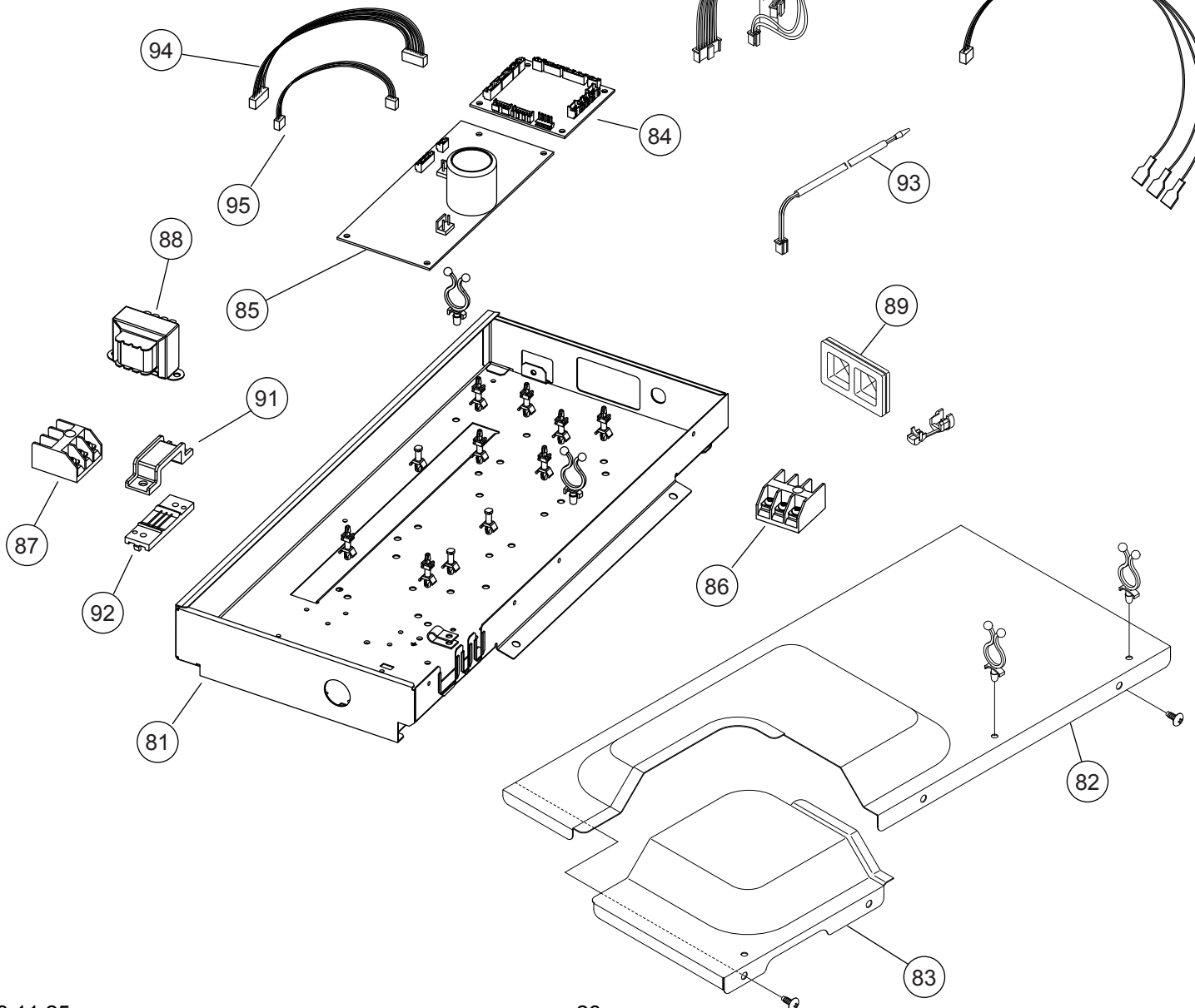
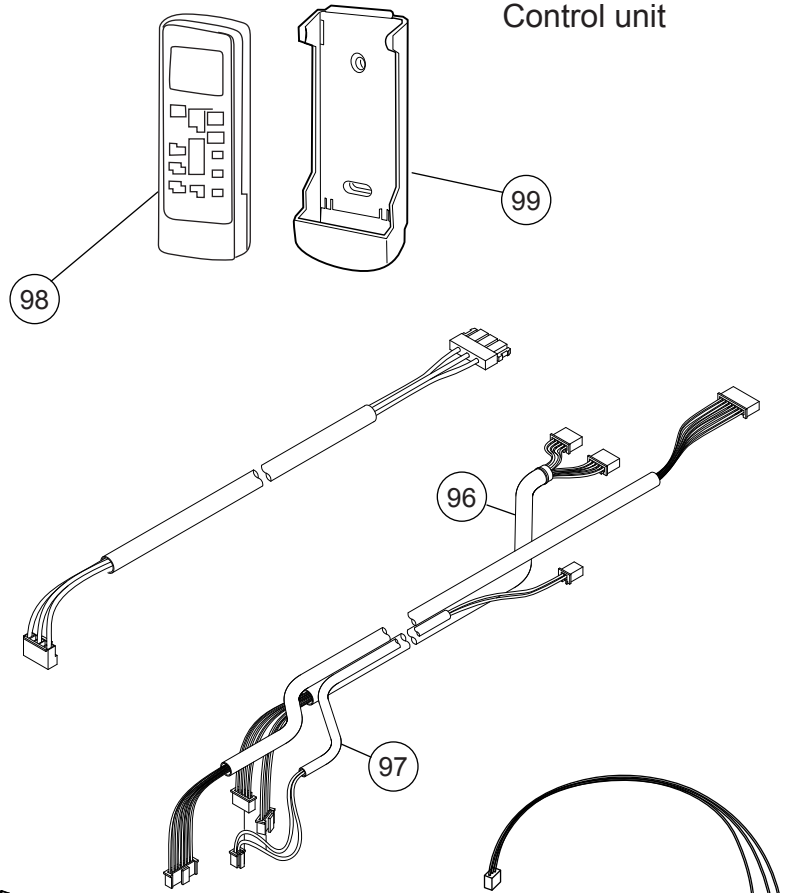
INDOOR UNIT
Fan motor



Ref.	Description	Part number
61	Motor Mount	9377999016
62	Fan Motor Assy	9602389018
63	Motor Band A assy	9374647019
64	Motor Band B	9374648023
65	Reinforcement Motor Band	9378000018
66	Rubber	9385102002
67	Casing	9359704003
68	Kit (Cover Casing) Sub Assy	9371367019
69	Sirocco Fan Assy	9359701002
70	Joint Assy	9378038011
71	Shaft	9359707004
72	Shaft Holder Bracket	9359686002
73	Bearing B Assy	9357921006
74	Shaft Holder Fixture	9359687009

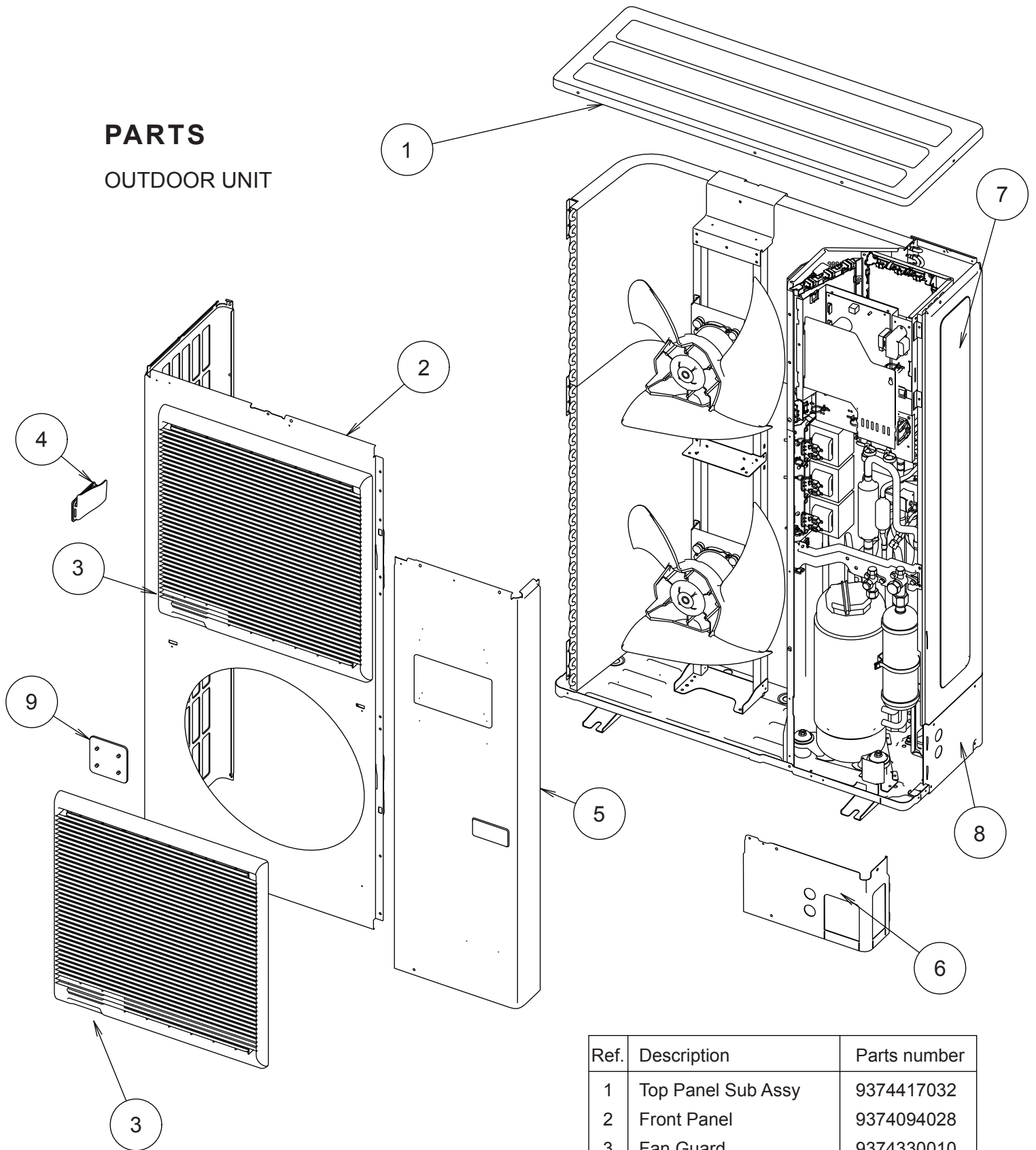
Ref.	Description	Part number
81	Control Box Assy	9377912015
82	Control Box A	9359712008
83	Control Box B	9359713005
84	Controller PCB Assy (36)	9707393460
84	Controller PCB Assy (45)	9707393453
84	Controller PCB Assy (54)	9707393446
85	Power Supply PCB Assy	9707398168
86	Terminal 3P	9703345012
87	Terminal 3P	9306489045
88	Reactor Assy	9707457018
89	Rubber Bushing	9357376004
91	Cord Clamp A	9359820017
92	Cord Clamp B	9359821014
93	Room Thermistor	9703299025
94	Wire Assy (Connector)	9707442021
95	Wire Assy (Connector)	9703339028
96	Wire Assy (Connector)	9702319014
97	Wire Assy (Connector)	9702318017
98	Remote Control	9315885012
99	Remote Control Holder	9305642045

INDOOR UNIT
Control unit



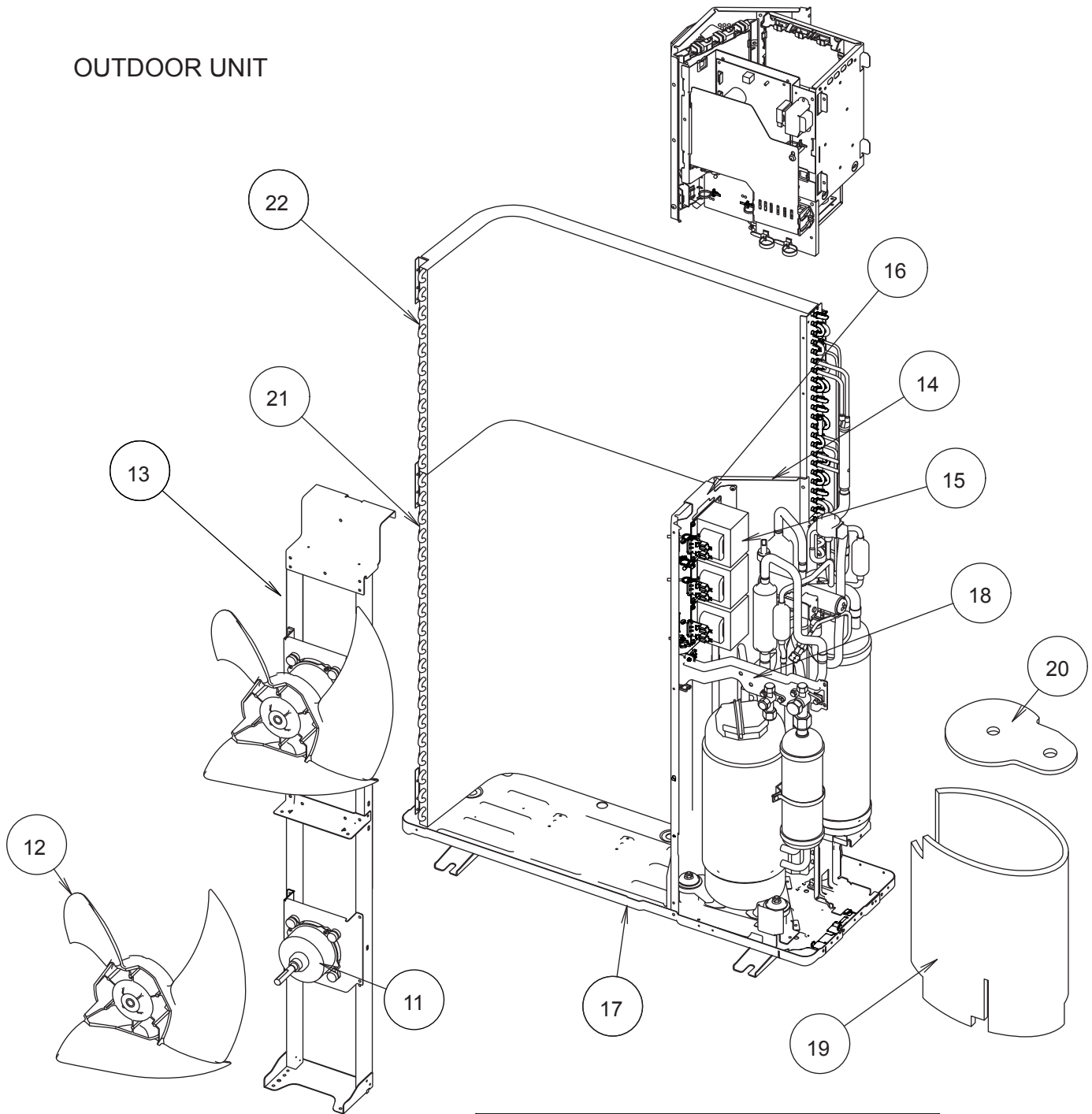
PARTS

OUTDOOR UNIT



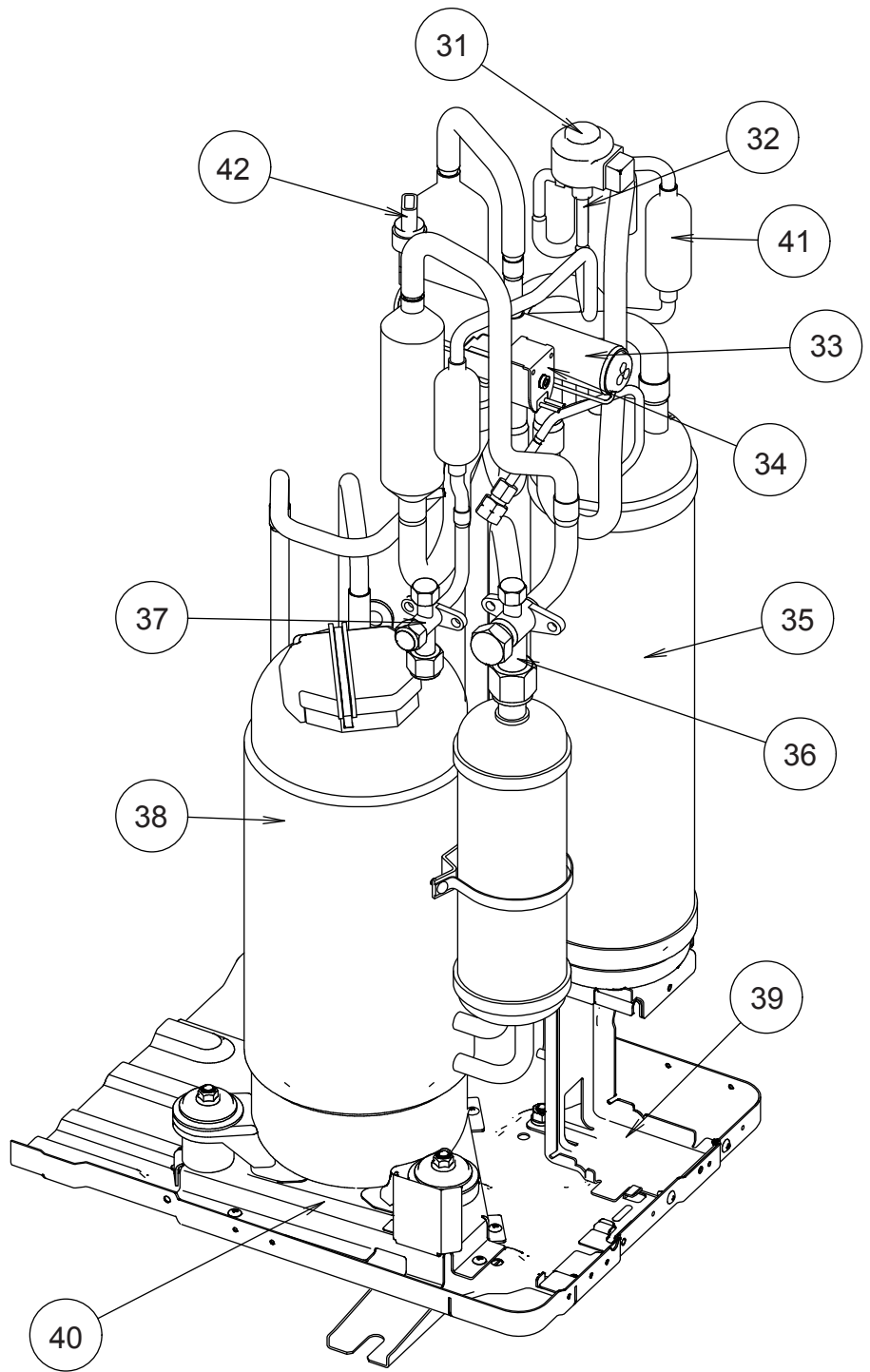
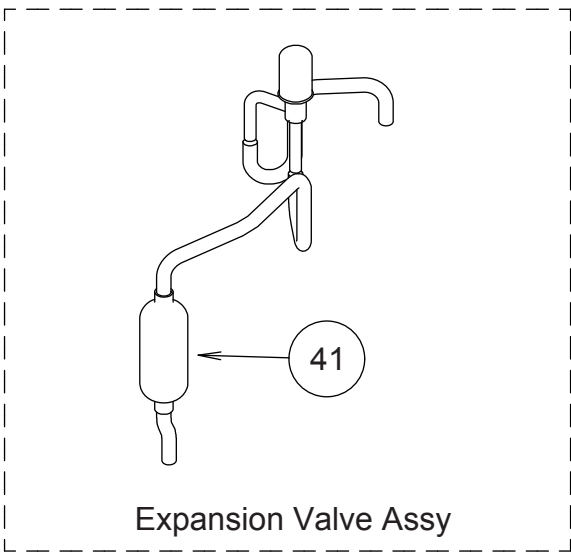
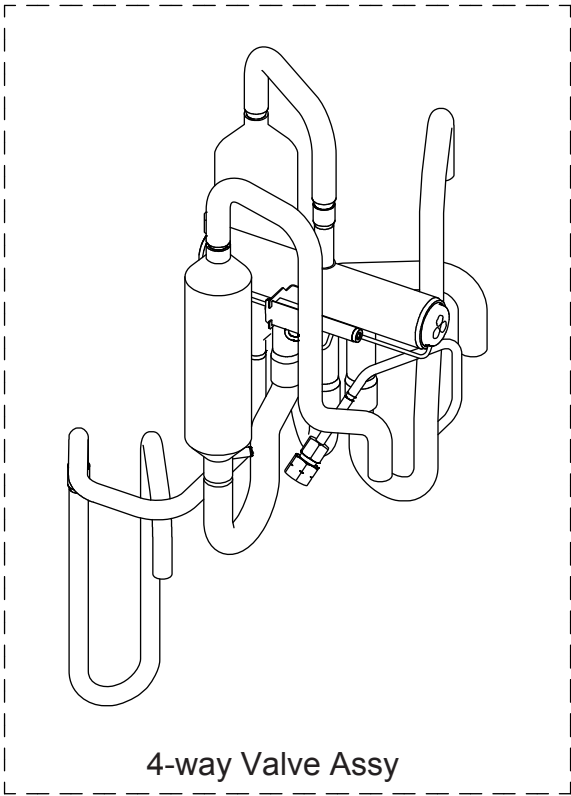
Ref.	Description	Parts number
1	Top Panel Sub Assy	9374417032
2	Front Panel	9374094028
3	Fan Guard	9374330010
4	Grip Side	9374173013
5	Sevice Panel Sub Assy	9374415076
6	Pipe Cover Front	9378861015
7	Right Panel Sub Assy	9374416158
8	Pipe Cover Rear	9378862012
9	Fan Guard Cover	9378111011
--	Emblem Rear	9351355005
--	Protective Net	9375381042

OUTDOOR UNIT



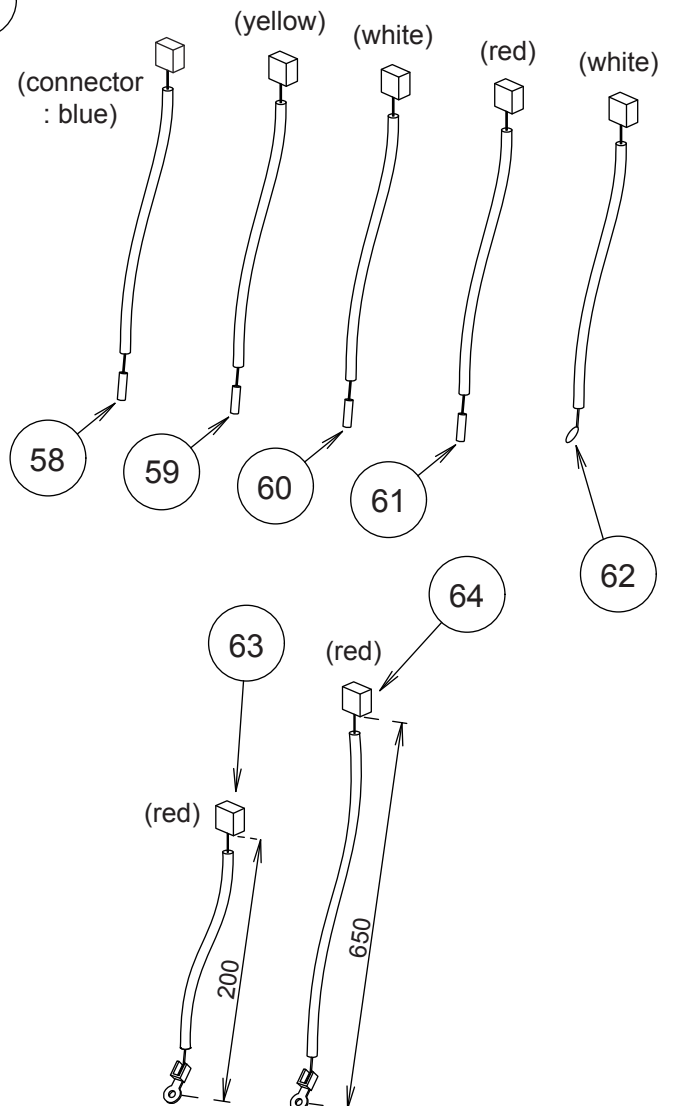
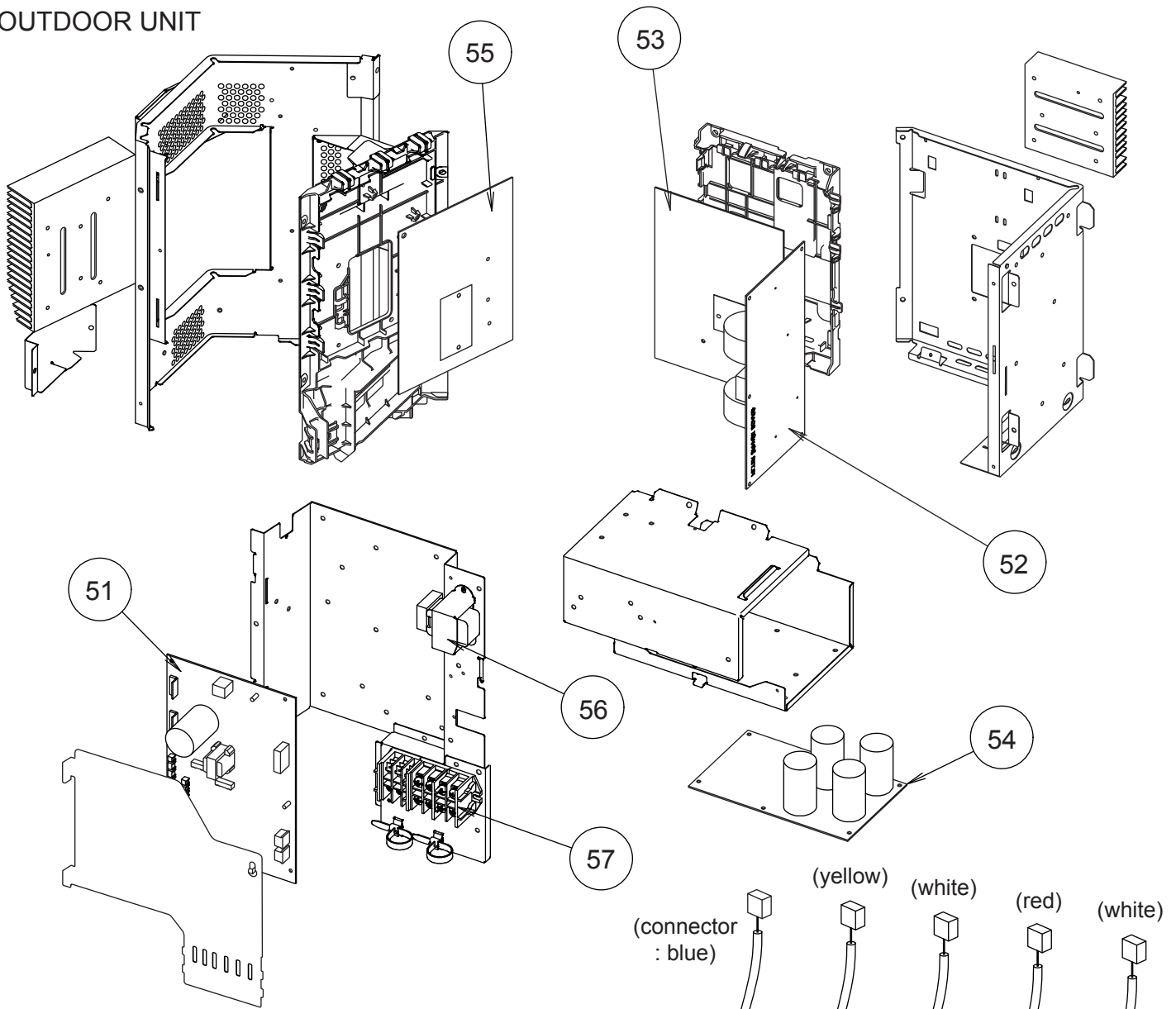
Ref.	Description	Parts number
11	Motor DC Brushless	9602749010
12	Propeller Fan Assy	9366378020
13	Motor Bracket Sub Assy	9374418145
14	Separate Wall Sub Assy	9374413195
15	Reactor Assy	9900246013
16	Reactor Holder Sub Assy	9379067003
17	Base Assy	9374166220
18	Valve Plate	9378804012
19	Compressor Cover A	9378611023
20	Compressor Cover B	9378612020
21	Condenser A Assy	9374433018
22	Condenser B Assy	9374434015

OUTDOOR UNIT



Ref.	Description	Parts number
31	Coil (Expansion Valve)	9900190057
32	Expansion Valve Assy	9370947182
33	4-way Valve Assy	9374425167
34	Solenoid	9970055041
35	Accumulator	9379014014
36	3-way Valve Assy	9379079006
37	3-way Valve Assy	9379077002
38	Compressor Assy	9379013017
39	Accumulator Holder	9378800014
40	Comp Plate Assy	9378826014
41	Strainer Assy	9372524039
42	Sensor	9900505011

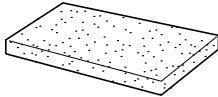

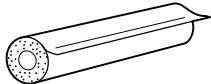




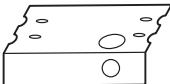

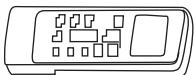
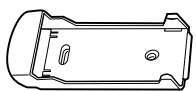
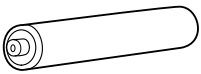
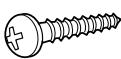
OUTDOOR UNIT



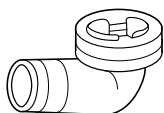
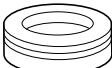
Ref.	Description	Parts number
51	Main PCB Assy (36)	9707627015
51	Main PCB Assy (45)	9707627022
51	Main PCB Assy (54)	9707627039
52	Filter PCB Assy	9707609011
53	PFC PCB Assy	9707629019
54	Capacitor PCB Assy	9707608014
55	Inverter PCB Assy	9707628012
56	Reactor Assy	9900481018
57	Terminal	9900428082
58	Compressor Thermistor	9900516000
59	Thermistor (Discharge)	9900515003
60	Thermistor (Heat Exchanger Med)	9900513009
61	Thermistor (Heat Exchanger Out)	9900514006
62	Thermistor (Outdoor)	9900517007
63	Heatsink Thermistor (Inverter)	9900518011
64	Heatsink Thermistor (PFC)	9900518028

ACCESSORIES

INDOOR UNIT

Name and Shape	Q'ty	Application	Part number
Drain hose insulation 	1	Adhesive type 70 x 230	9360464002
VT wire 	1	For fixing the drain hose L 280 mm	313806350303
Coupler heat insulator (large) 	2	For indoor side pipe joint (large pipe)	9378173569
Coupler heat insulator (small) 	1	For indoor side pipe joint (small pipe)	9378173521
Nylon fastener 	Large 4	For fixing the coupler heat insulator	9301501001
	Small 4		312300787605
Special nut A (large flange) 	4	For installing indoor unit	313005446653
Special nut B (small flange) 	4	For installing indoor unit	313005446759
Installation template 	1	For positioning the indoor unit	9360022004
Auxiliary pipe assembly 	1	For connecting the piping	9374714025
Remote control 	1	For air conditioner operation	9315885012
Remote control holder 	1	For installing remote control on the wall	9305642045
Battery 	2	For remote control	0600185541
Tapping screw 	2	For mounting the remote control holder	0700019098

OUTDOOR UNIT

Name and Shape	Q'ty	Application	Part number
Drain pipe 	1	For drain piping work	9303029015
Drain cap 	2	For drain piping work	313166024302

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