

SERVICE MANUAL



Indoor unit	Outdoor unit
RDA36LCTU	ROD36LATT
RDA45LCTU	ROD45LATT

CONTENTS

SPECIFICATIONS.....	1
DIMENSIONS	2
REFRIGERANT SYSTEM DIAGRAM.....	4
CIRCUIT DIAGRAM.....	5
INDOOR PCB CIRCUIT DIAGRAM.....	6
OUTDOOR PCB CIRCUIT DIAGRAM....	9
ERROR DETECTION.....	16
PARTS (INDOOR UNIT).....	22
PARTS (OUTDOOR UNIT).....	24
ACCESSORIES.....	28

SPECIFICATIONS

ELECTRICAL DATA

TYPE		Cooling & Heating	
INDOOR UNIT		RDA36LCTU	RDA45LCTU
OUTDOOR UNIT		ROD36LATT	ROD45LATT
COOLING CAPACITY		10.0 kW	12.5 kW
HEATING CAPACITY		11.2 kW	14.0 kW
POWER SOURCE		400 V 50 Hz 3 ϕ 4 W	
RUNNING CURRENT	Cooling	4.3 A	5.8 A
	Heating	4.4 A	5.8 A
INPUT WATTS	Cooling	2.84 kW	3.89 kW
	Heating	2.87 kW	3.88 kW
E.E.R.	Cooling	3.52 kW/kW	3.21 kW/kW
	Heating	3.90 kW/kW	3.61 kW/kW
STARTING CURRENT		10.0 A	10.0 A
MOISTURE REMOVAL		3.0 L/hr	4.5 L/hr
AIRCIRCULATION INDOOR		1,850 m3/h	2,100 m3/h
AIRCIRCULATION OUTDOOR	Cooling	6,200 m3/h	6,900 m3/h
	Heating	6,200 m3/h	6,200 m3/h
MAXIMUM CURRENT		8.5 A	9.5 A

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	

FAN MOTOR

INDOOR UNIT	Discrimination	MFG-45RVN	
	High speed	1,200 r.p.m.	1,350 r.p.m.
	Middle speed	1,020 r.p.m.	1,150 r.p.m.
	Low speed	840 r.p.m.	910 r.p.m.
	Quiet	670 r.p.m.	770 r.p.m.
OUTDOOR UNIT (cool / heat)	Discrimination	MFE-54TV	
	Upper fan	780 r.p.m.	900 / 780 r.p.m.
	Lower fan	750 r.p.m.	800 / 750 r.p.m.

NOISE LEVEL

INDOOR UNIT	High speed	40 dB	42 dB
	Middle speed	36 dB	38 dB
	Low speed	31 dB	32 dB
	Quiet	26 dB	28 dB
OUTDOOR UNIT	Cooling	51 dB	54 dB
	Heating	53 dB	54 dB

Note : Static pressure : 47Pa (36LCTU), 60Pa (45LCTU)
Duct length : Inlet 1m, Outlet 2m

DIMENSIONS

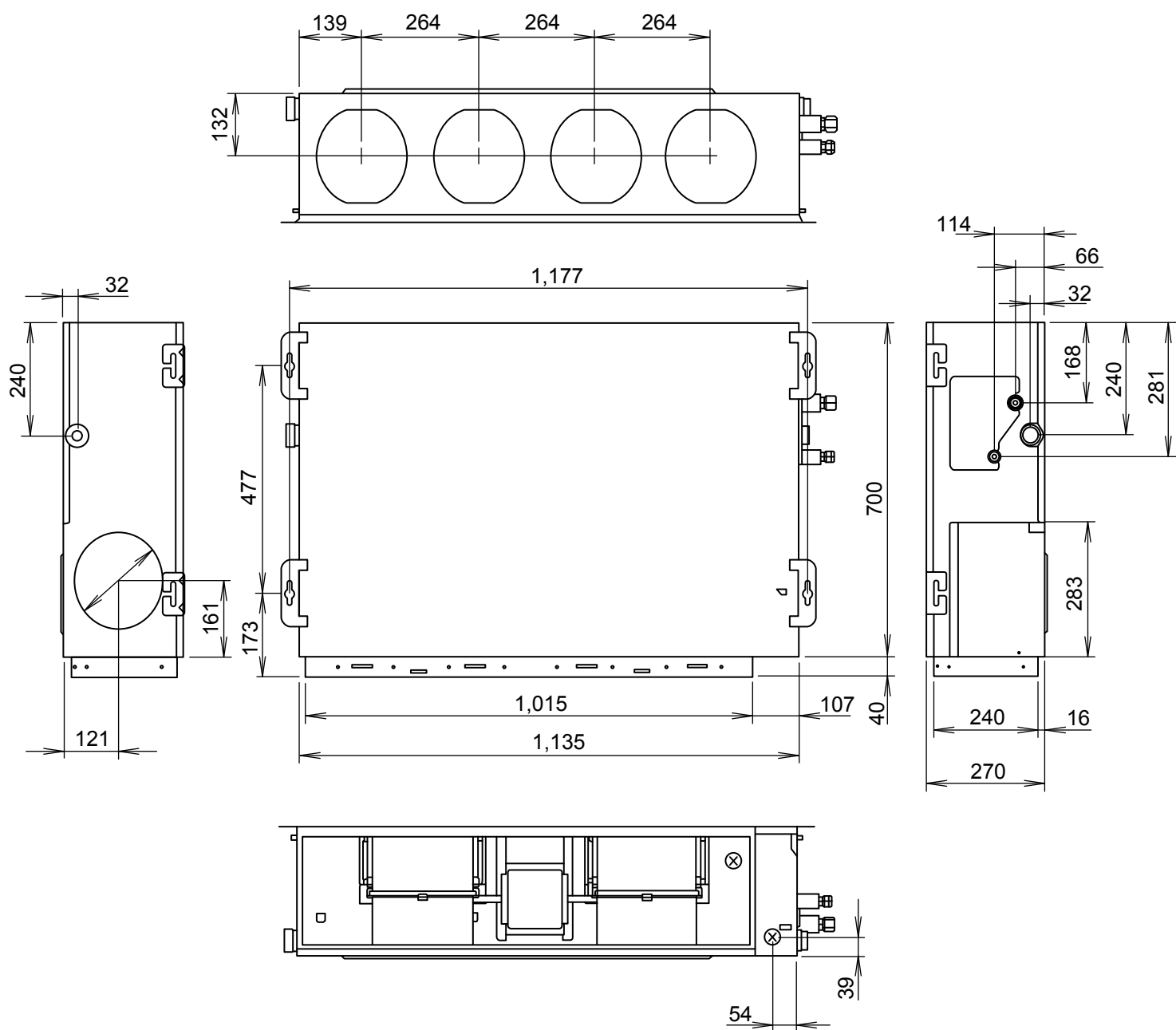
INDOOR UNIT	H x W x D	270 x 1,135 x 700 mm
OUTDOOR UNIT	H x W x D	1,290 x 900 x 330 mm

WEIGHT

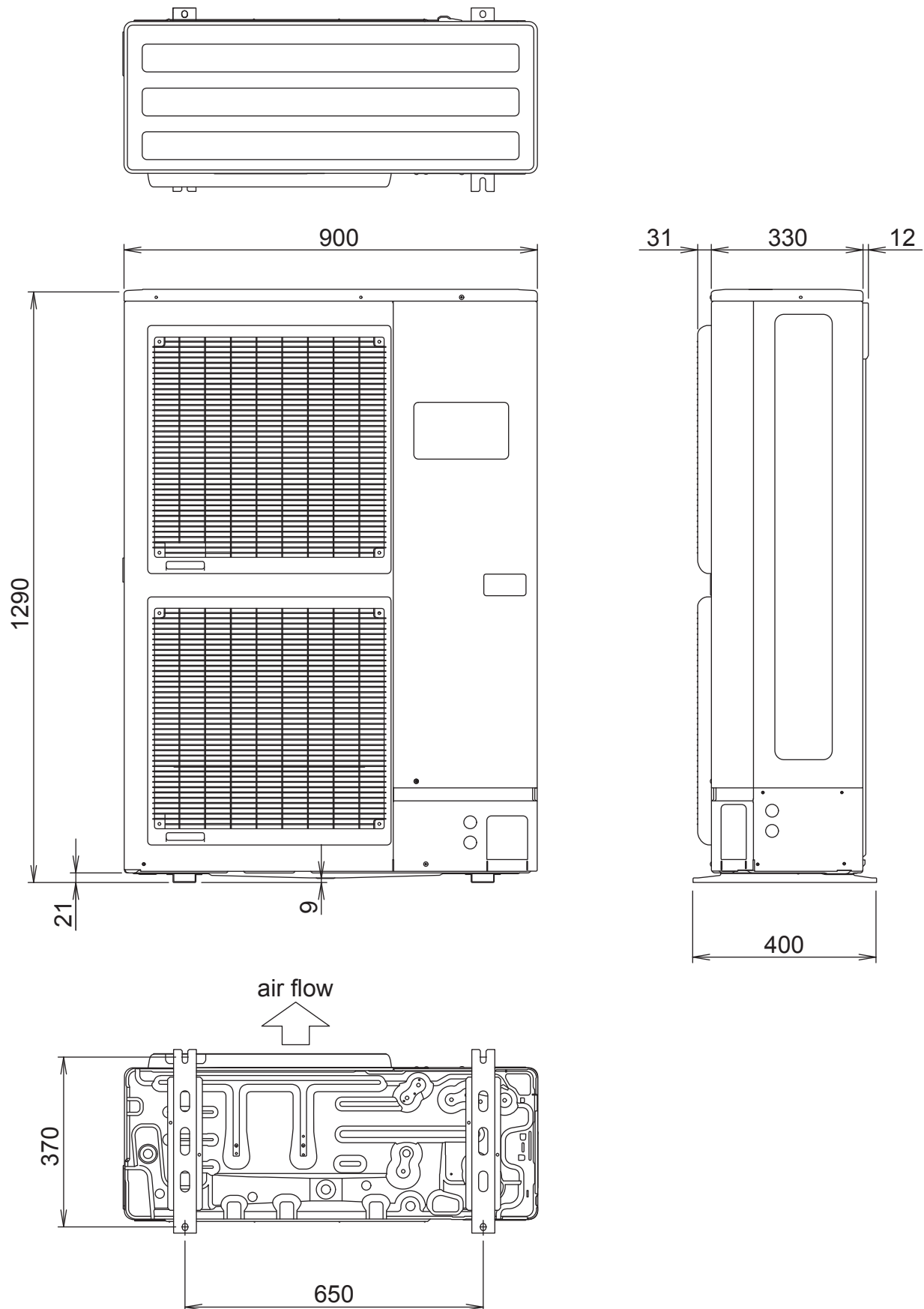
INDOOR UNIT	Gross / Net	48 kg / 40 kg
OUTDOOR UNIT	Gross / Net	117 kg / 107 kg

DIMENSIONS

INDOOR UNIT
(Unit : mm)



OUTDOOR UNIT
(unit : mm)



OUTDOOR UNIT

Pressure Check Valve

Refrigerant Pipe $\phi 15.88\text{mm}$ (5/8")

3-Way Valve

Strainer

Pressure Sensor

4-Way Valve

Muffler

THc

THo

Compressor

Accumulator

Heat Exchanger

THHM

THHO

Strainer

Expansion Valve

Strainer

Refrigerant Pipe $\phi 9.52\text{mm}$ (3/8")

3-Way Valve

INDOOR UNIT

Heat Exchanger

THR

THPI

THc : Thermistor (Compressor)

THo : Thermistor (Discharge)

THHM : Thermistor (Heat Exchanger Med)

THHO : Thermistor (Heat Exchanger Out)

THo : Thermistor (Outdoor)

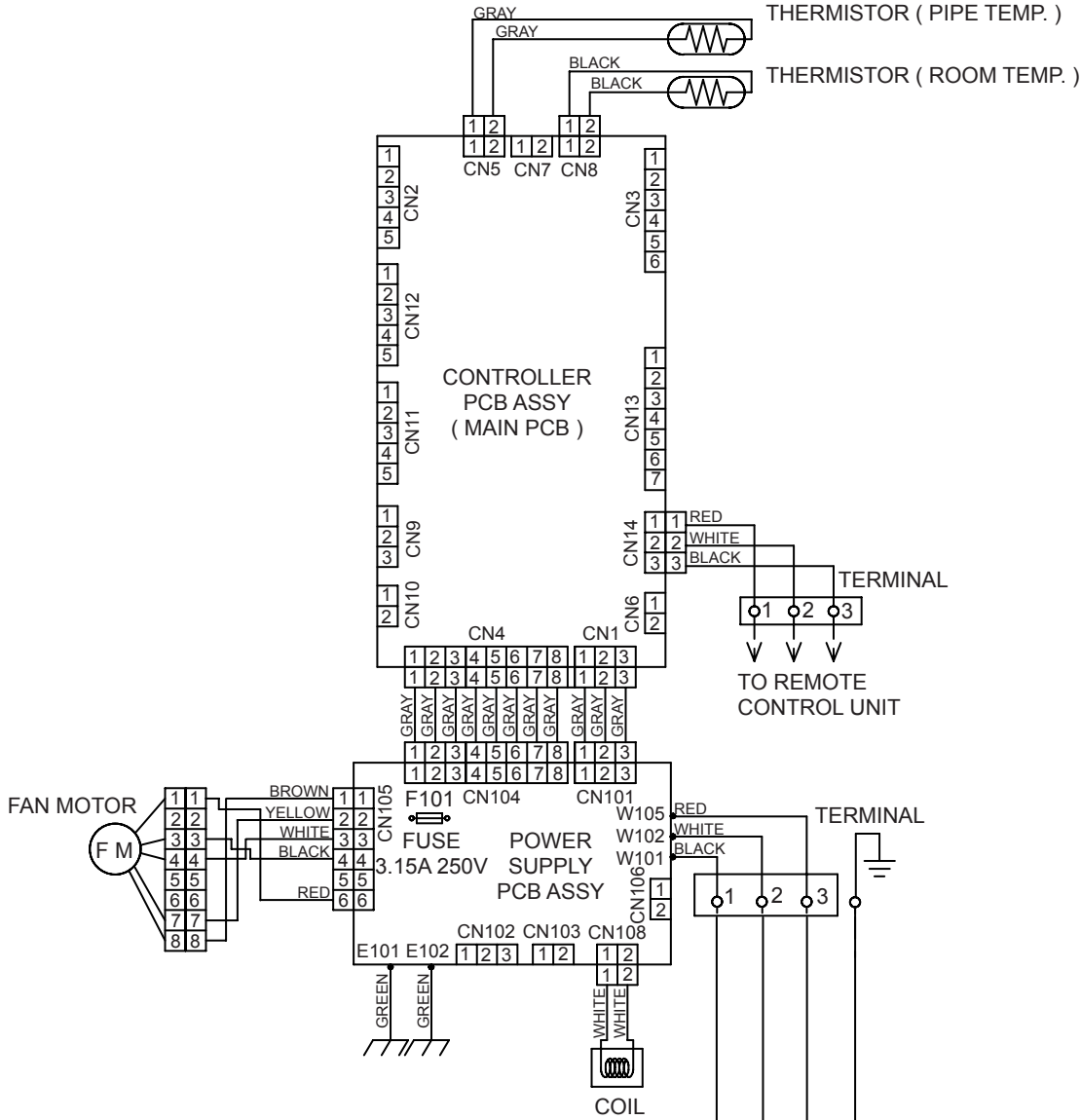
THR : Thermistor (Room)

THPI : Thermistor (Pipe)

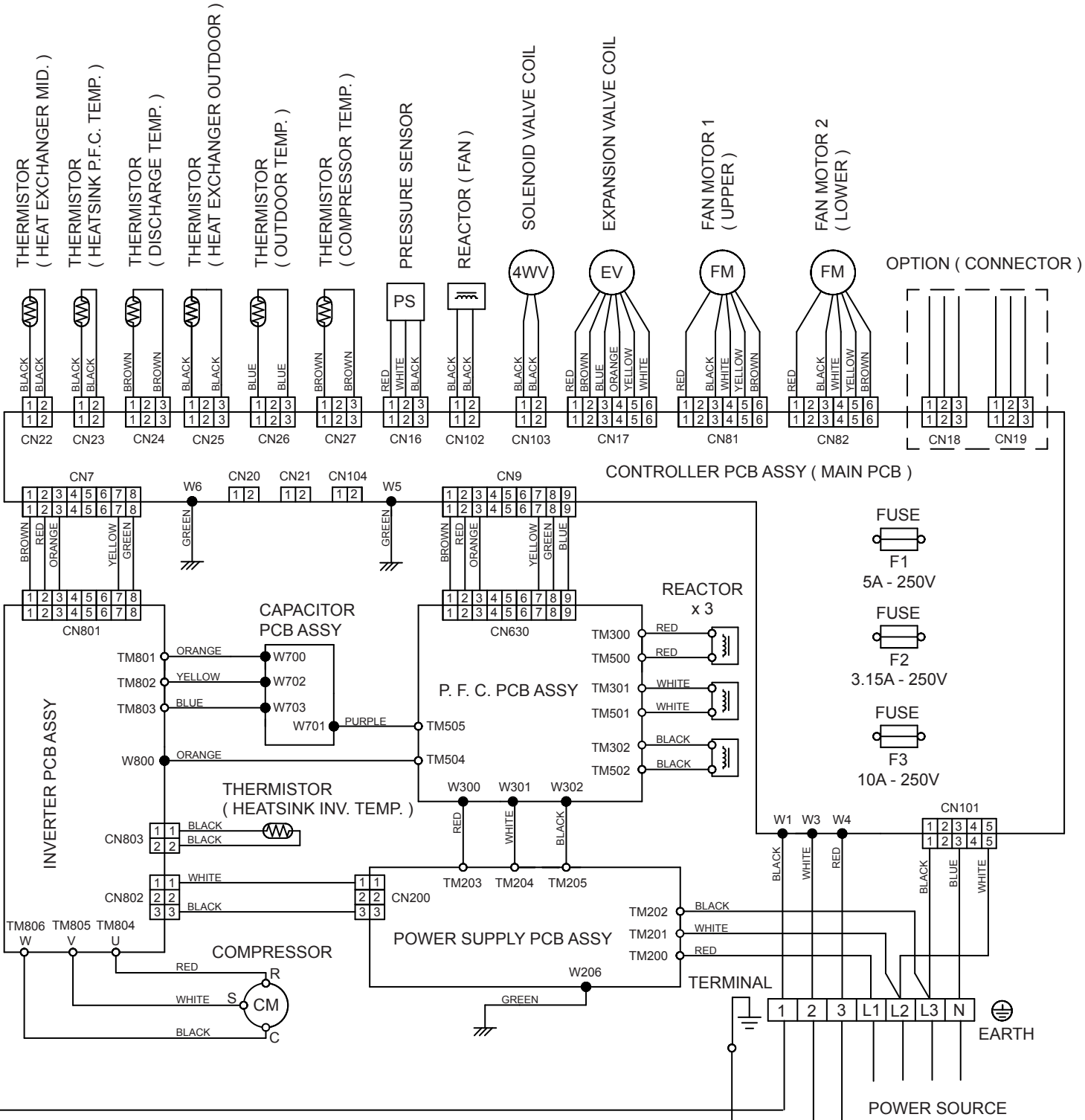
$\longrightarrow$: Cool
 $---\rightarrow$: Heat

CIRCUIT DIAGRAM

INDOOR UNIT

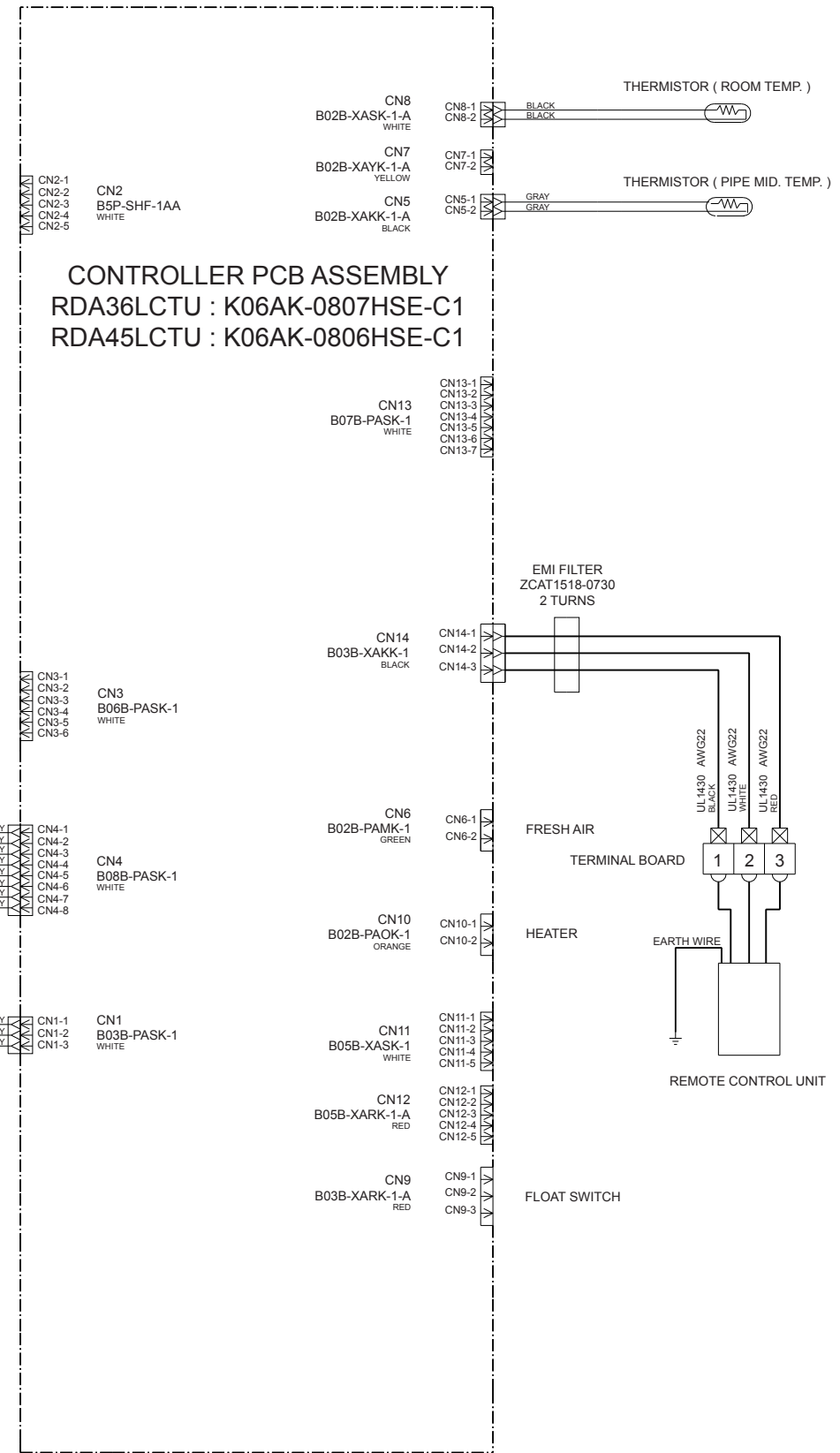


OUTDOOR UNIT

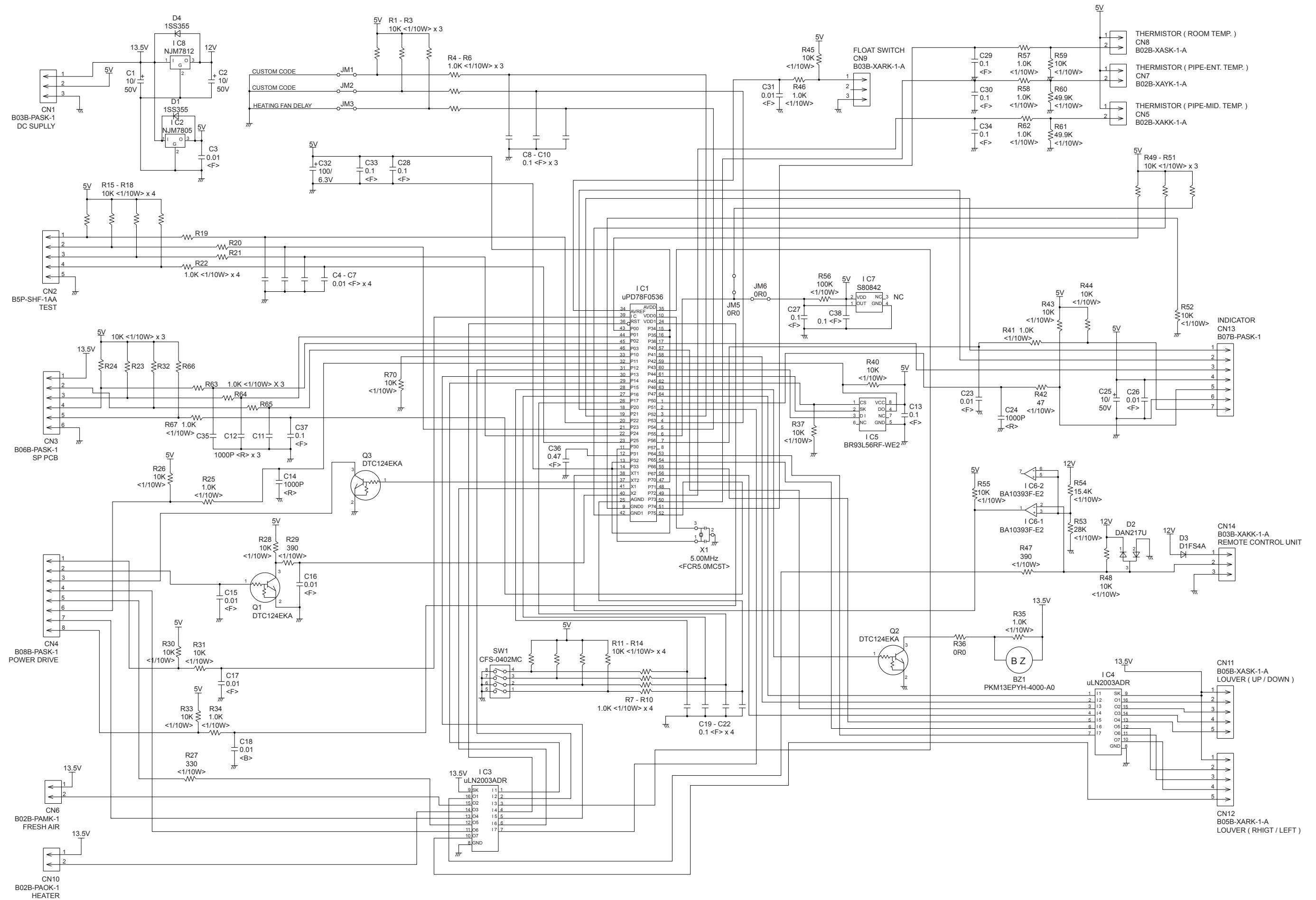


CONTROL UNIT
RDA36LCTU : EZ-0080HHSE
RDA45LCTU : EZ-0080GHSE

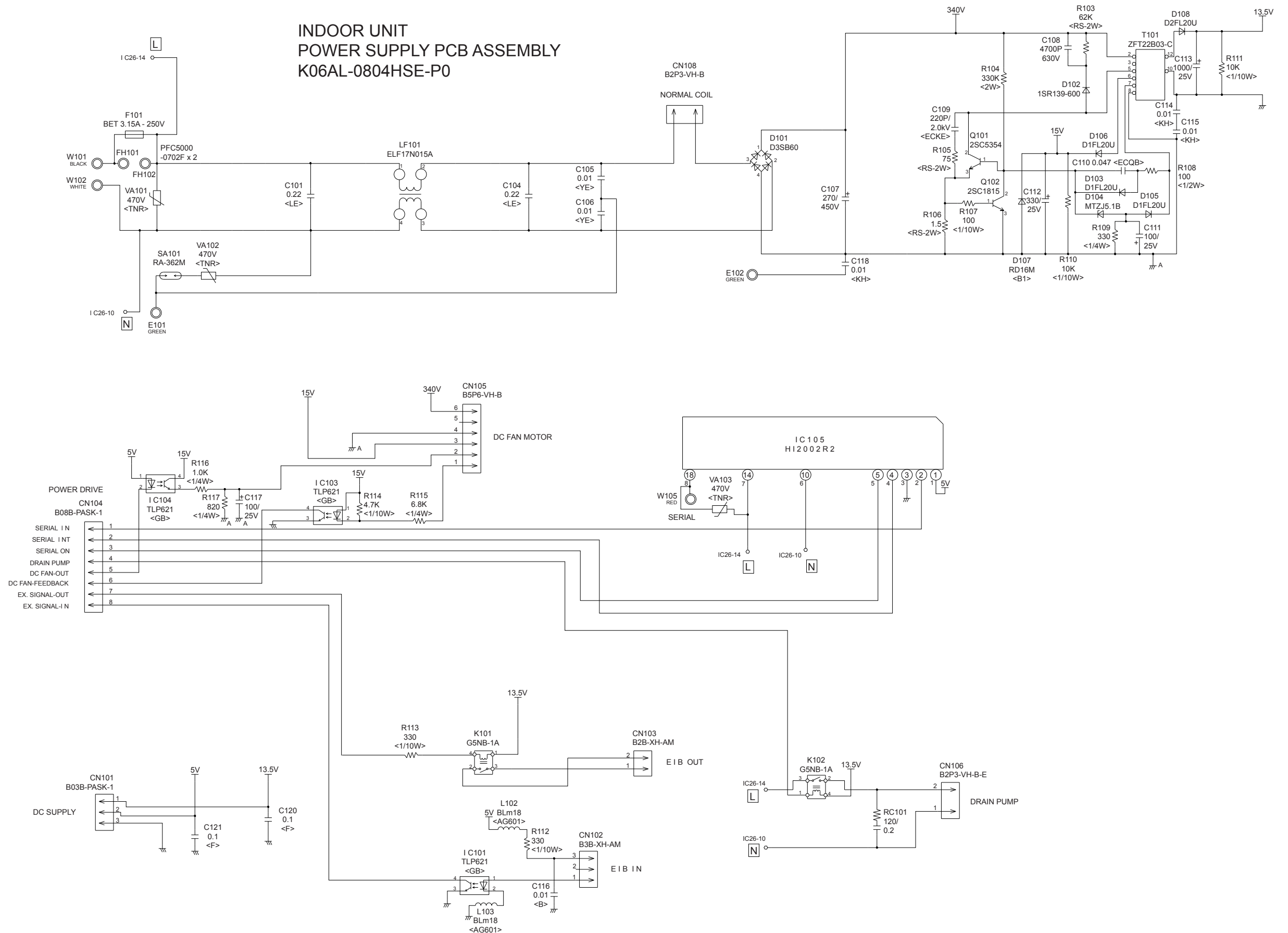
CONTROL UNIT
RDA36LCTU : EZ-0080HHSE
RDA45LCTU : EZ-0080GHSE



INDOOR UNIT
CONTROLLER PCB ASSEMBLY
RDA36LCTU : K06AK-0807HSE-C1
RDA45LCTU : K06AK-0806HSE-C1

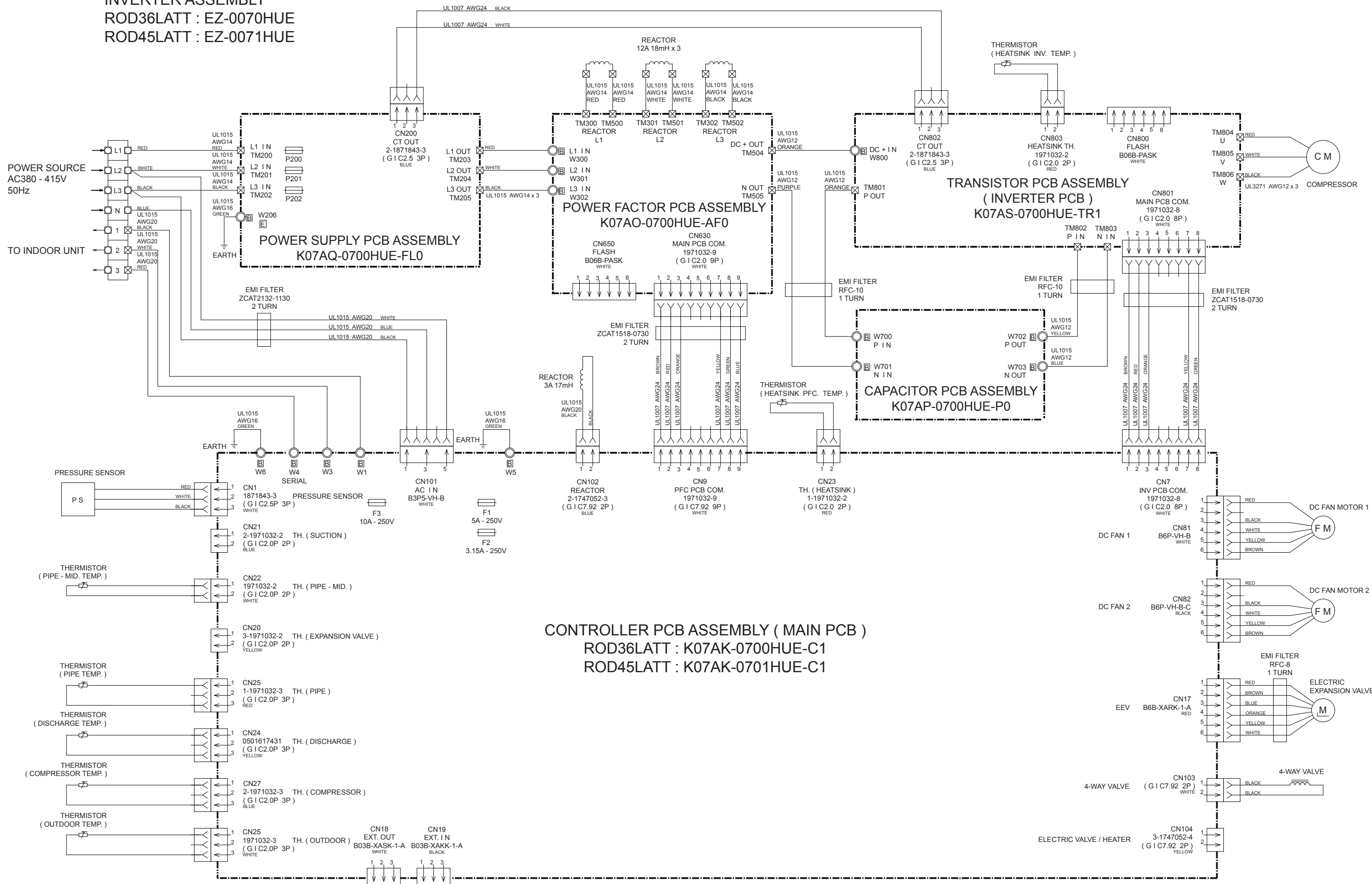


INDOOR UNIT POWER SUPPLY PCB ASSEMBLY K06AL-0804HSE-P0

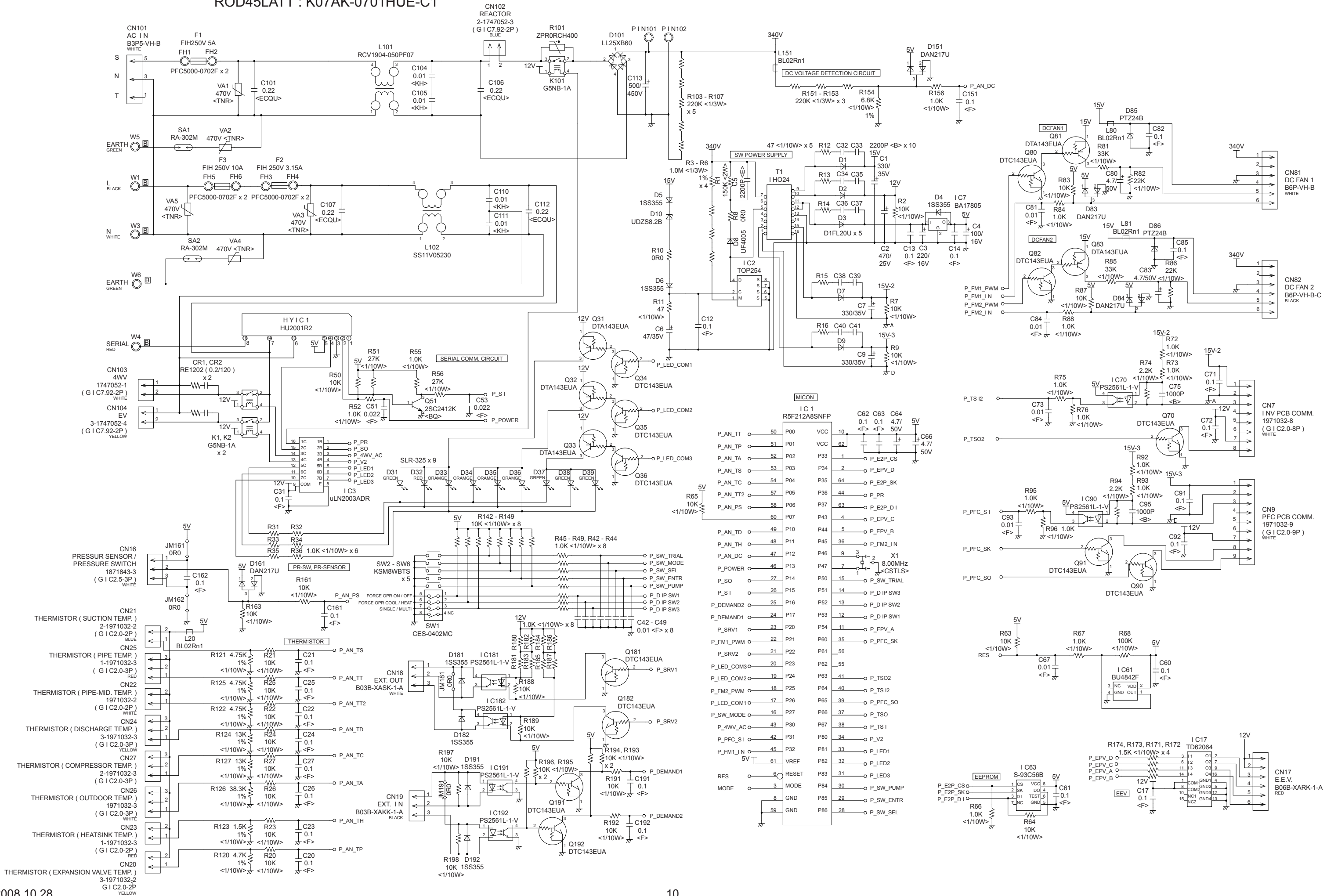


OUTDOOR PCB CIRCUIT DIAGRAM

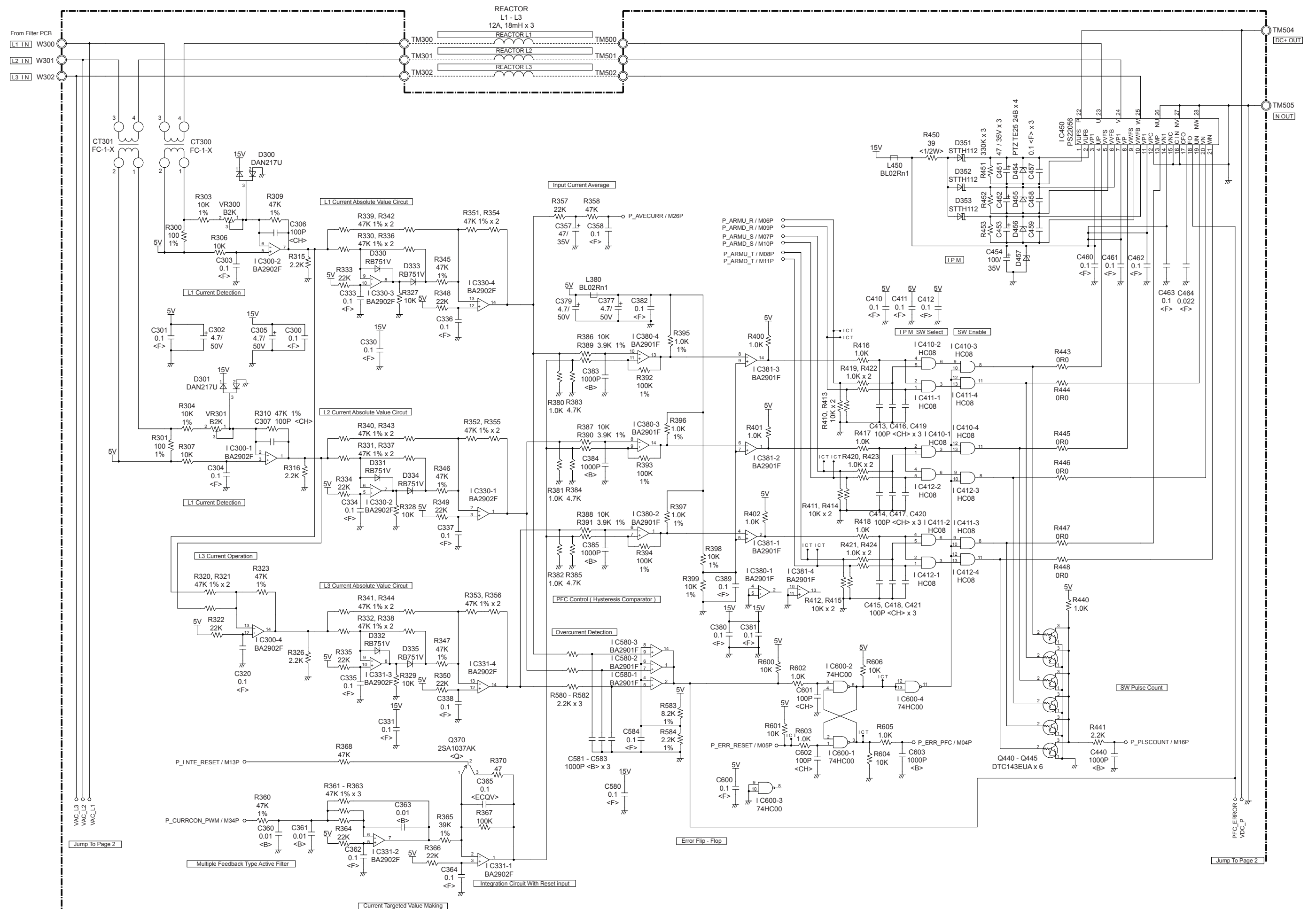
INVERTER ASSEMBLY
ROD36LATT : EZ-0070HUE
ROD45LATT : EZ-0071HUE



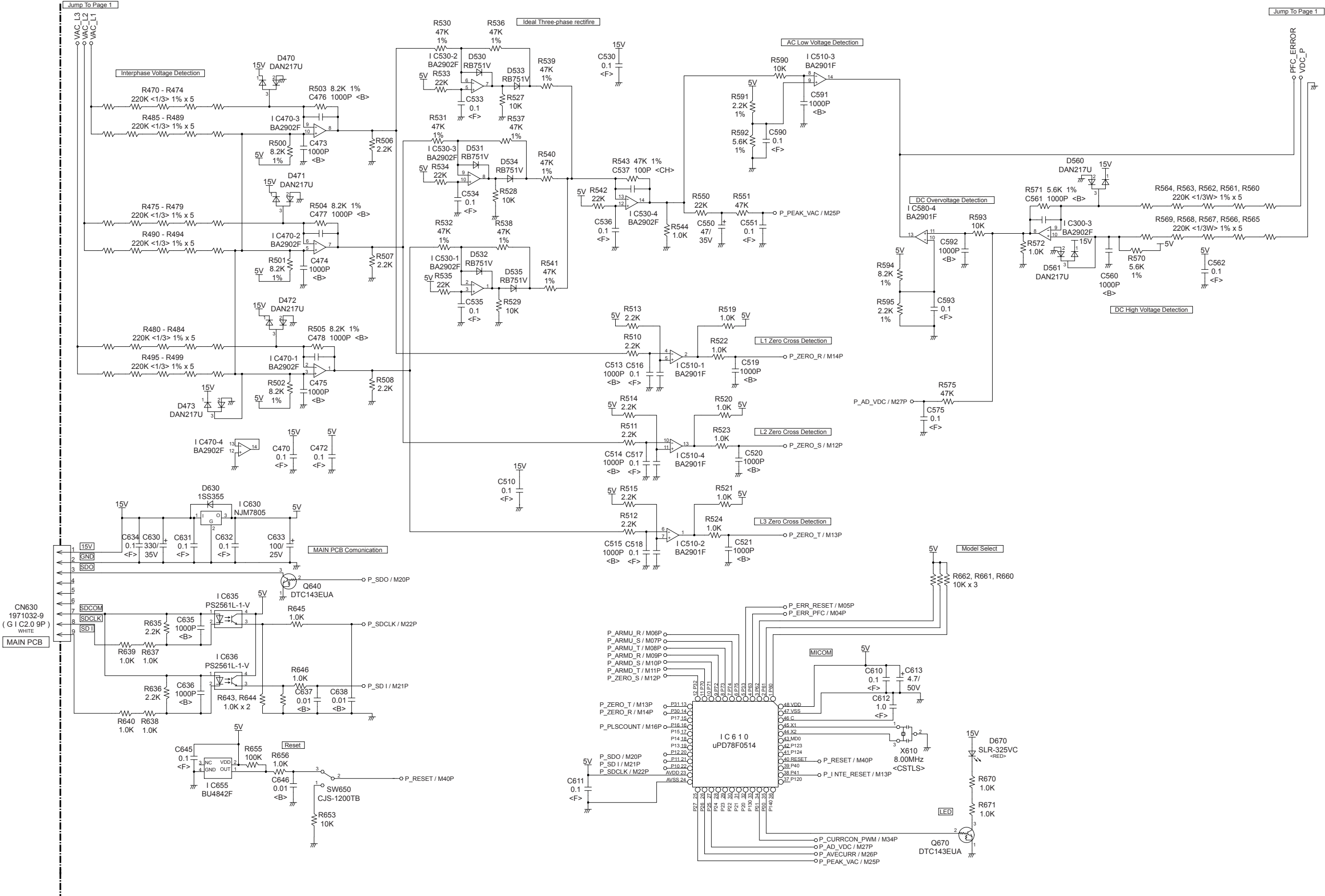
OUTDOOR UNIT
CONTROLLER PCB ASSEMBLY
ROD36LATT : K07AK-0700HUE-C1
ROD45LATT : K07AK-0701HUE-C1



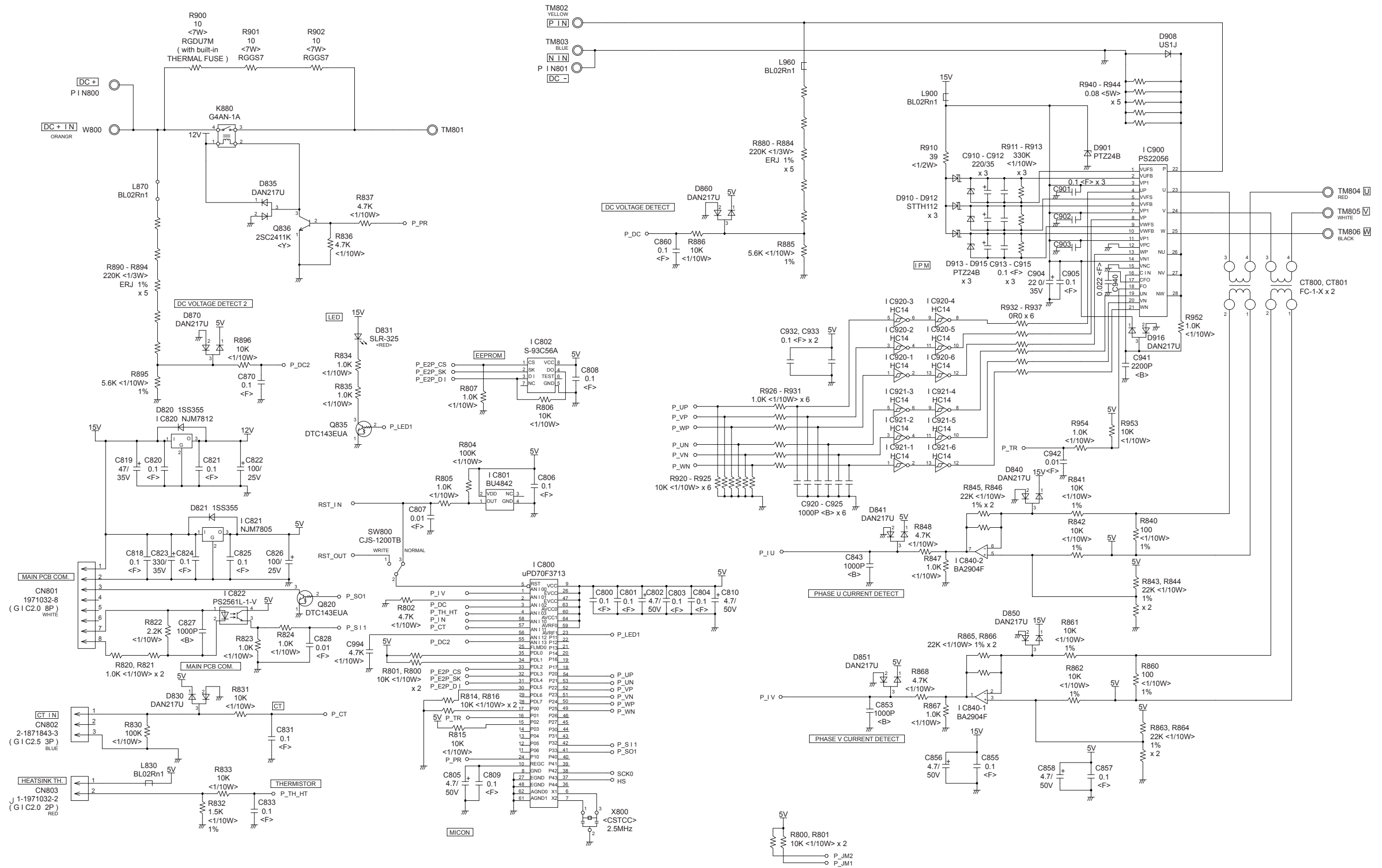
OUTDOOR UNIT
POWER FACTOR PCB ASSEMBLY - 1



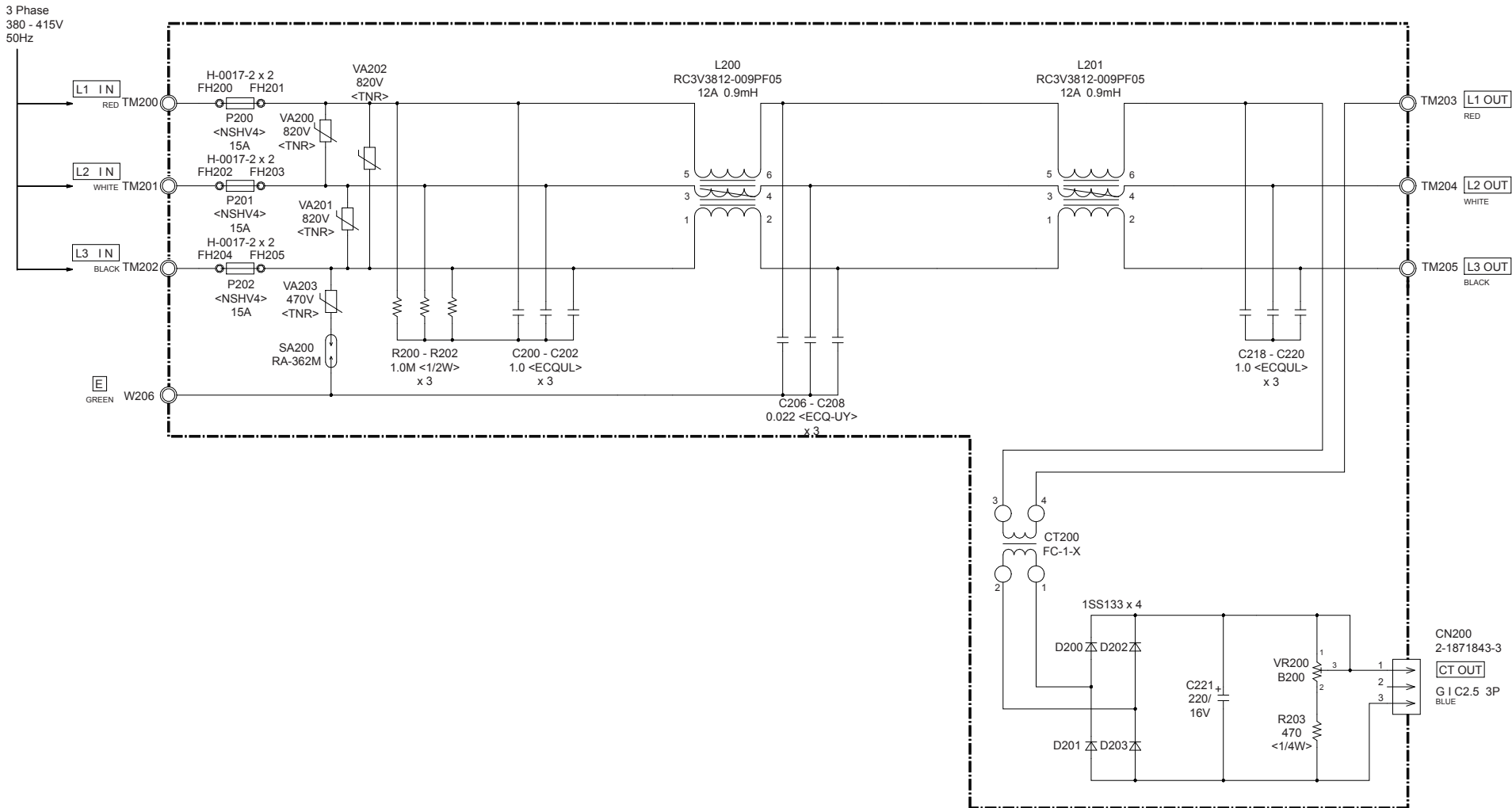
OUTDOOR UNIT POWER FACTOR PCB ASSEMBLY - 2



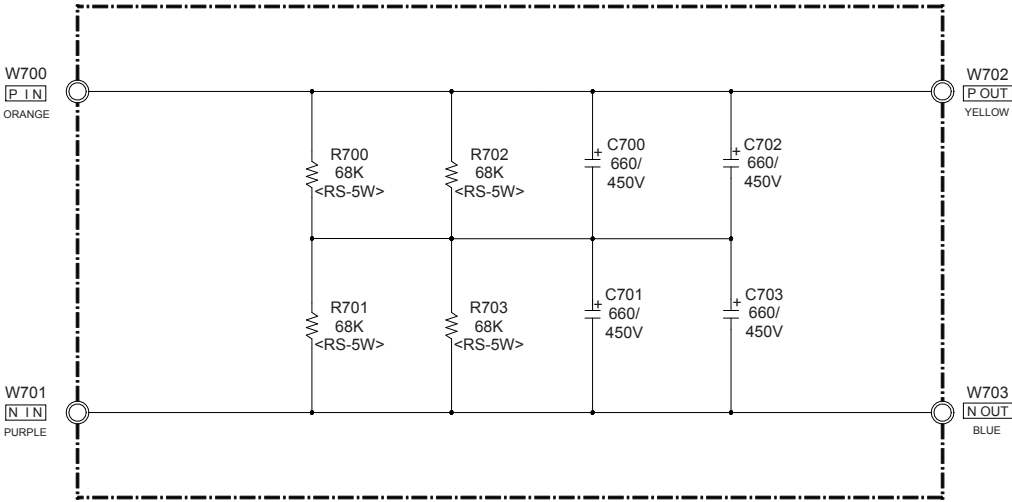
OUTDOOR UNIT
TRANSISTOR PCB ASSEMBLY (INVERTER)
K07AS-0700HUE-TR1



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



OUTDOOR UNIT
CAPACITOR PCB ASSEMBLY
K07AP-0700HUE-P0



ERROR DETECTION

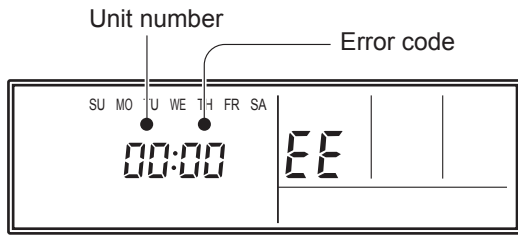
REMOTE CONTROL

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

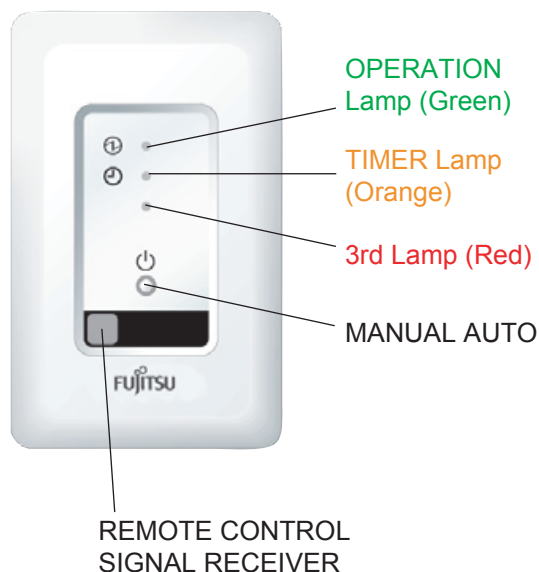
If "CO" appears in the unit number display, there is a remote control error.
Refer to the installation instruction sheet included with the remote control.

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

INDOOR UNIT (Option)

Troubleshooting with the receiver unit 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 control 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".

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.

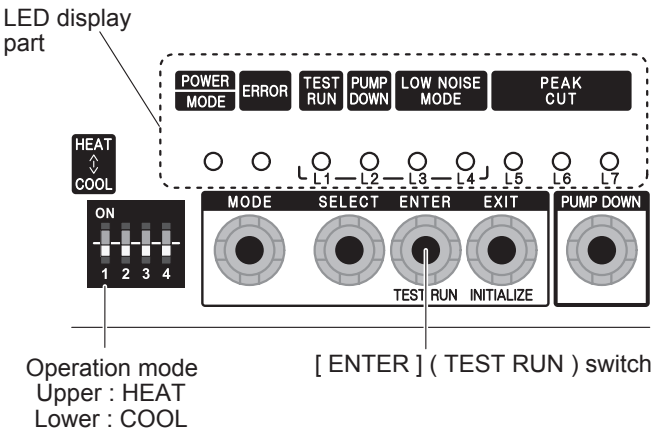
2. Test run method

⚠ 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]



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	ERROR	TEST RUN	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(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	ERROR	TEST RUN	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(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	ERROR	TEST RUN	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(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

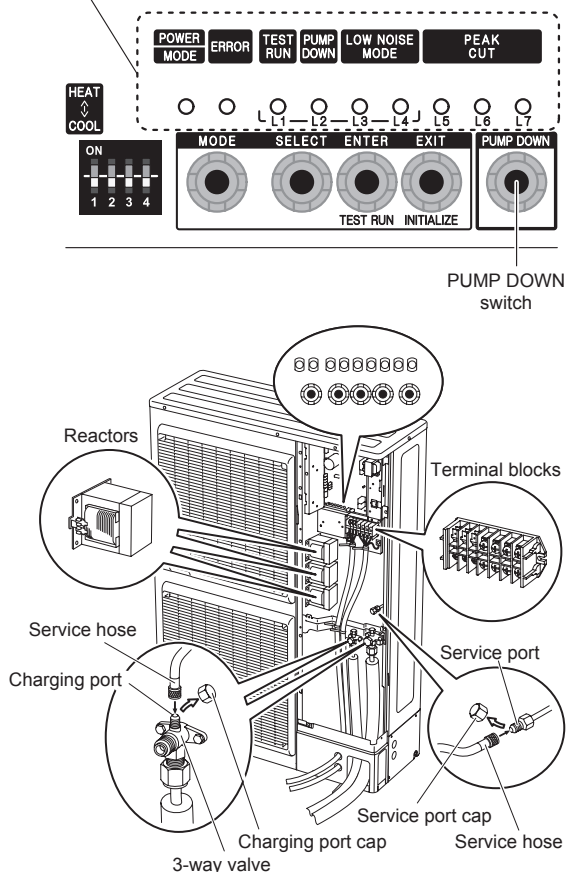
Perform the pump down operation before disconnecting any refrigerant pipe or electric cable.

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)
●	○	○	○	○	○	○	○	○

- (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)
●	○	○	●	○	○	●	●	●

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.

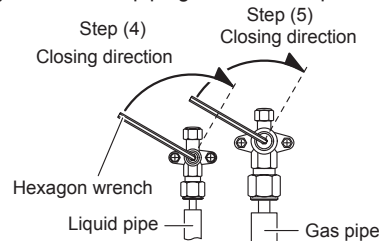
POWER	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3)	(L4)	PEAK CUT (L5)	(L6)	(L7)
●	○	○	●	○	○	○	●	●

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)
●	○	○	●	○	○	○	○	●

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)
●	○	○	●	○	○	○	○	○

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)
○	○	○	○	○	○	○	○	○

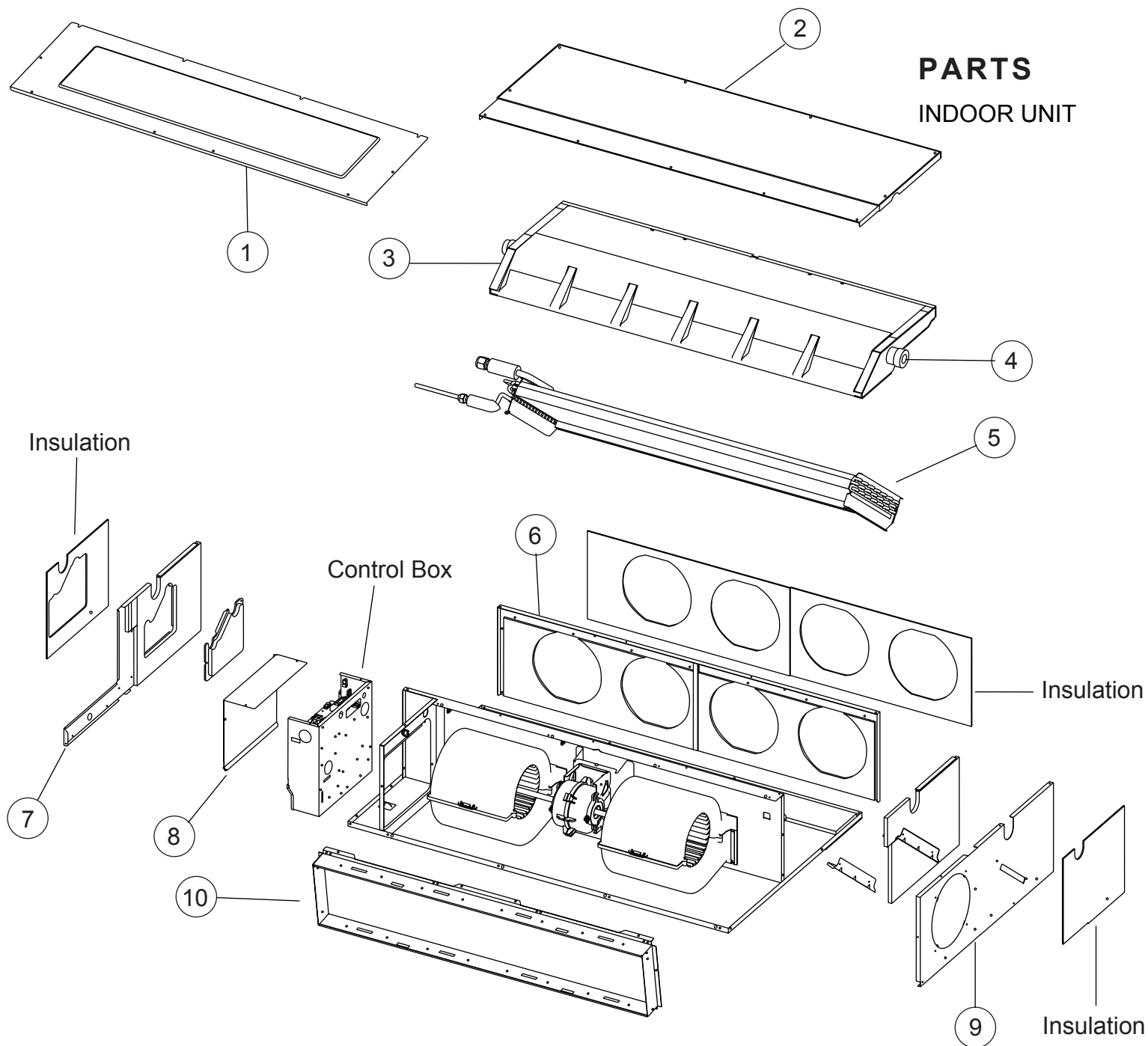
PUMP DOWN is completed.

(Note)

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

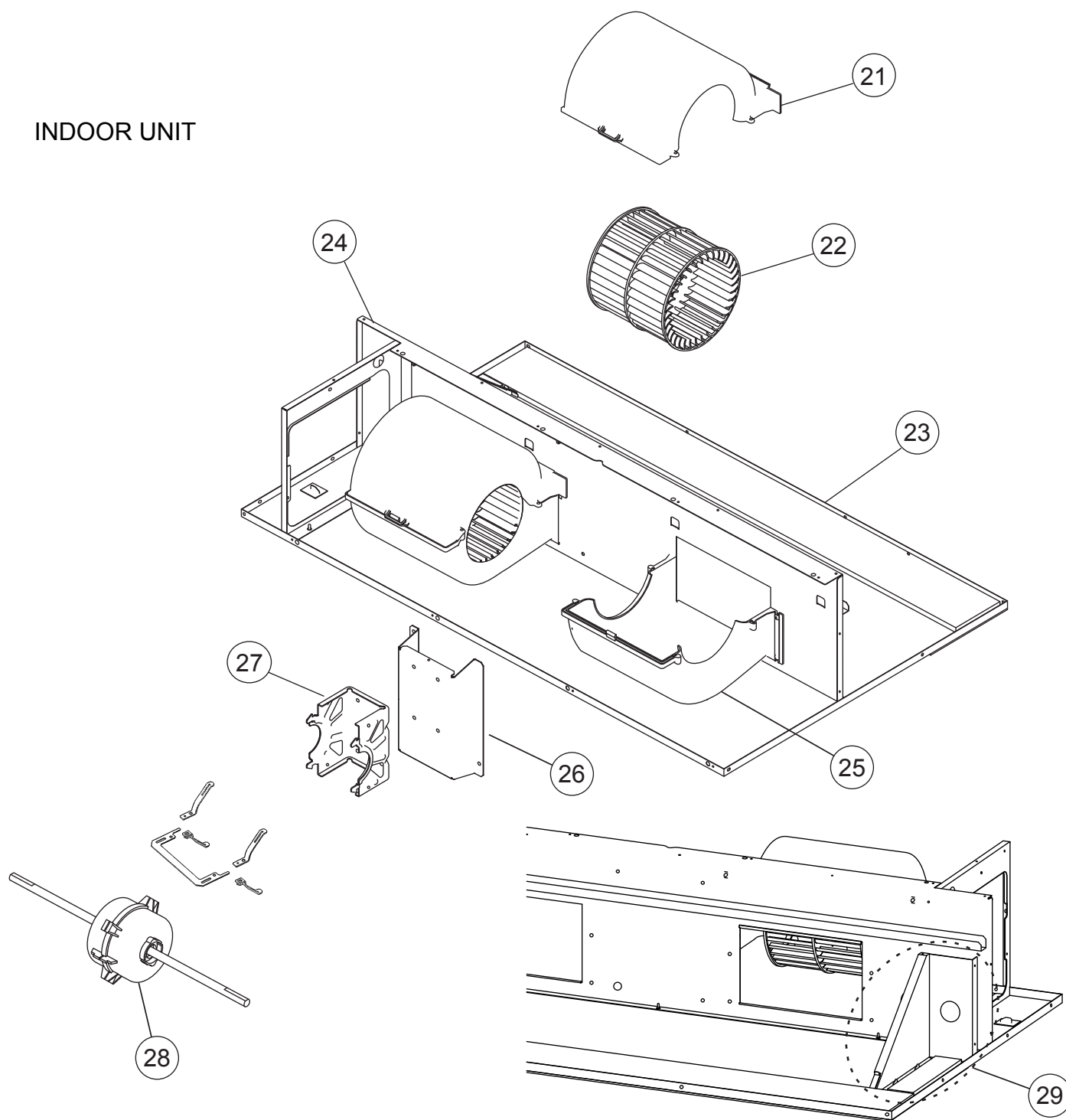
To start the pump down again after the compressor is automatically stopped due to an error, turn the power off and open the 3-way valves. Wait 3 minutes, turn the power on and start the pump down again.

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.



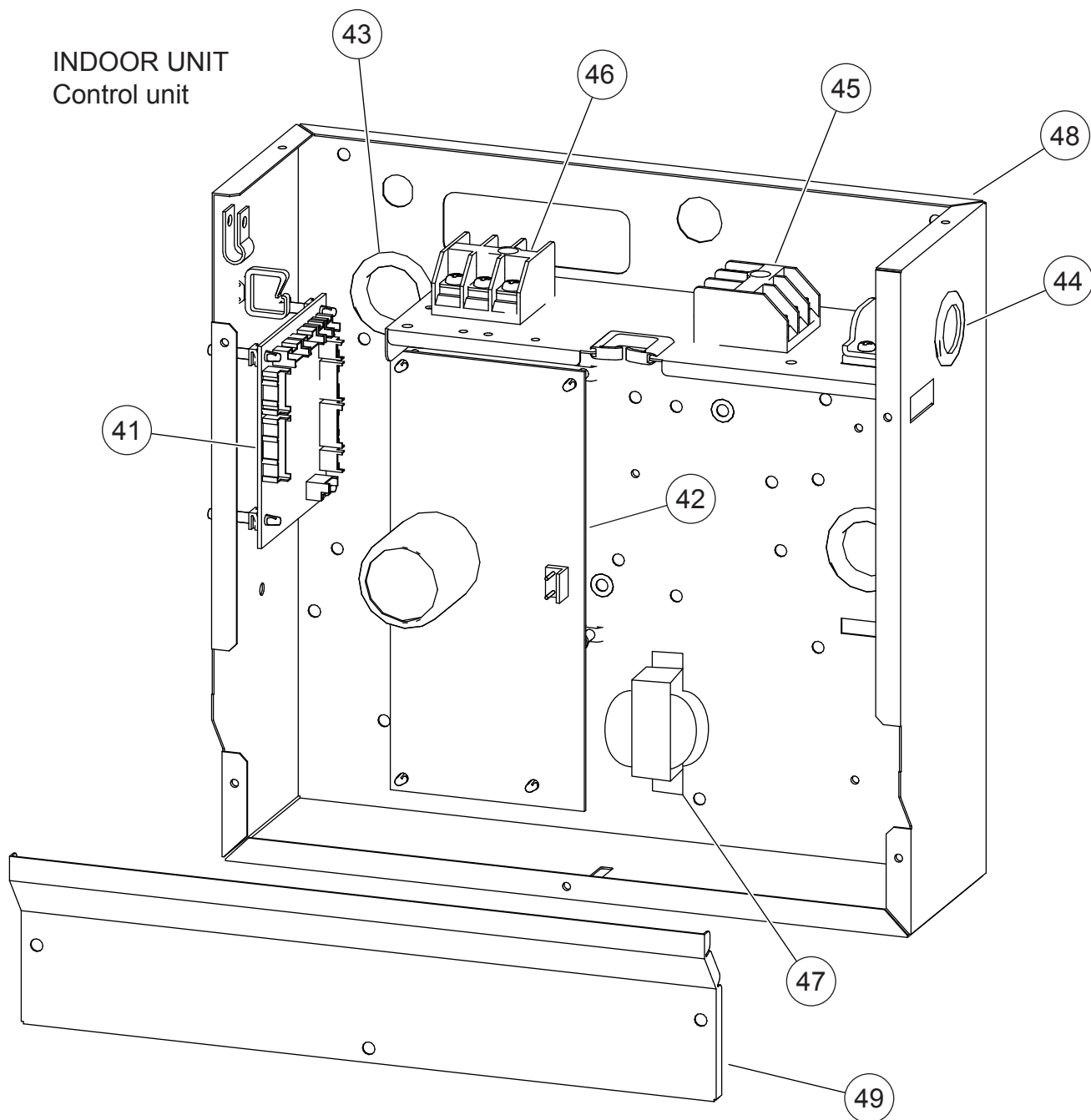
Ref.	Description	Part number
1	Intake Cover Sub Assy	9374512010
2	Main Panel Sub Assy	9374511013
3	Drain Pan Sub Assy	9374513017
4	Drain Cap	9356541007
5	Evaporator Assy	9372585047
6	Outlet Panel Sub Assy	9374510016
7	Cabinet R Sub Assy	9374508020
8	Control Cover A Sub Assy	9374516018
9	Cabinet L Sub Assy	9374509010
10	Intake Frame Assy	9374216017
--	Distributor Assy	9371325385
--	Coupling Pipe Assy	9373038283
--	Seal Panel Sub Assy	9374515011
--	Bracket Pipe Sub Assy	9374514014
--	Thermo Holder Pipe	313714262805
--	Thermistor Spring A	313728262708

INDOOR UNIT



Ref.	Description	Part number	
21	Casing B	9374234011	
22	Sirocco Fan Assy	9356531046	
23	Base Sub Assy	9374504015	
24	Separate Wall Assy	9374228010	
25	Casing A	9374233014	
26	Bracket Motor Assy	9374230013	
27	Motor Mount	9378002012	
28	Fan Motor	9602466016	
29	Bracket (Eva) R	9374207015	
--	Bracket (Eva) L	9374208012	
--	Panel (Control Box)	9374210015	
--	Cap (Power)	9352173011	
--	Motor Band	9378031012	

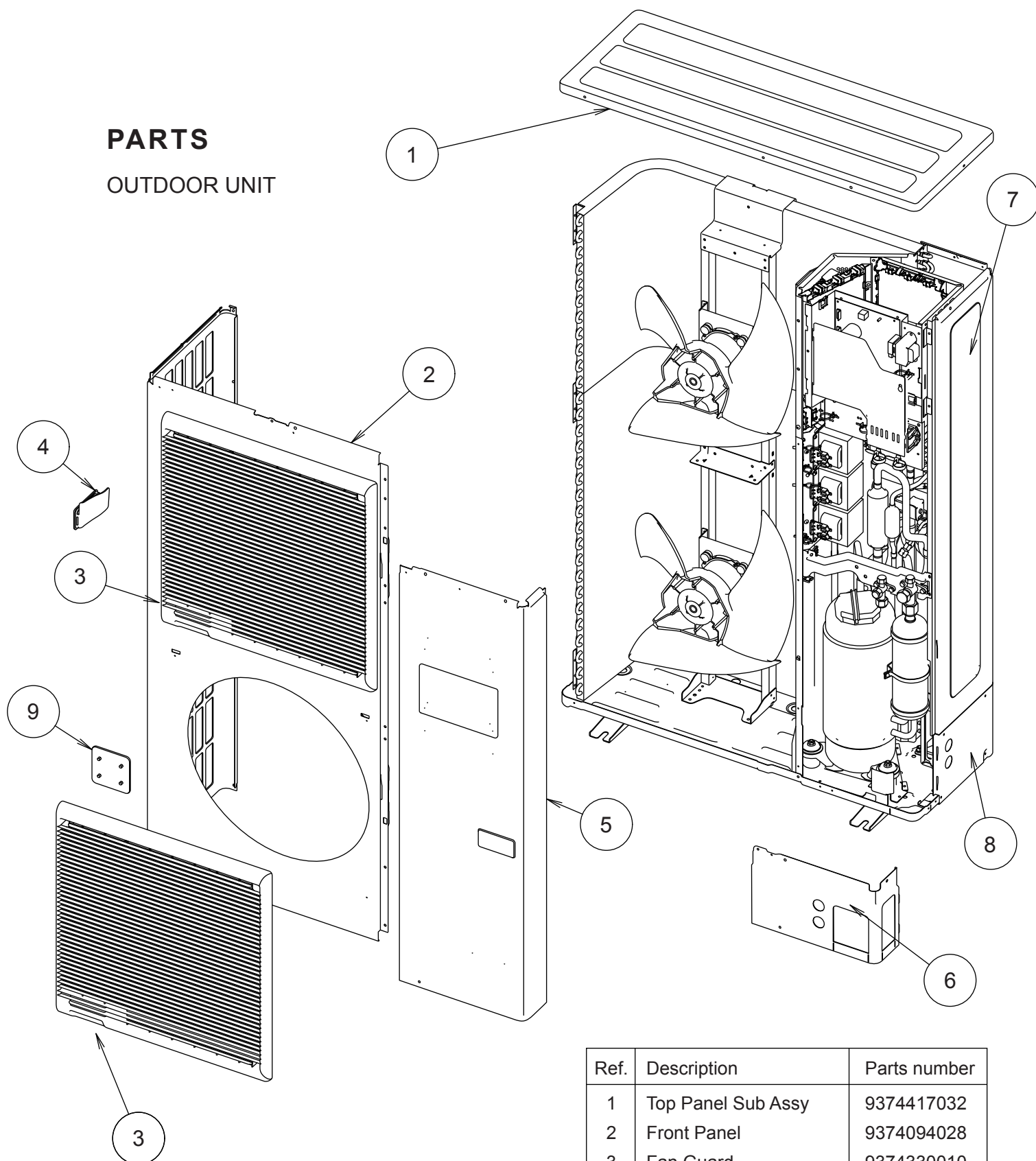
INDOOR UNIT
Control unit



Ref.	Description	Part number	
41	Controller PCB Assy (36)	9707393477	
41	Controller PCB Assy (45)	9707393484	
42	Power Supply PCB Assy	9707398151	
43	Cap (Power)	9352173011	
44	One Touch Bush	9374407019	
45	Terminal 3P	9703345012	
46	Terminal 3P	9306489045	
47	Reactor Assy	9707457018	
48	Control Box A	9374219018	
49	Control Cover B	9374222018	
--	Control Box B	9374220014	
--	Room Thermistor	9703299025	
--	Pipe Thermistor	9703297021	
--	Remote Control	9372266199	
--	Wire Assembly	9372714010	

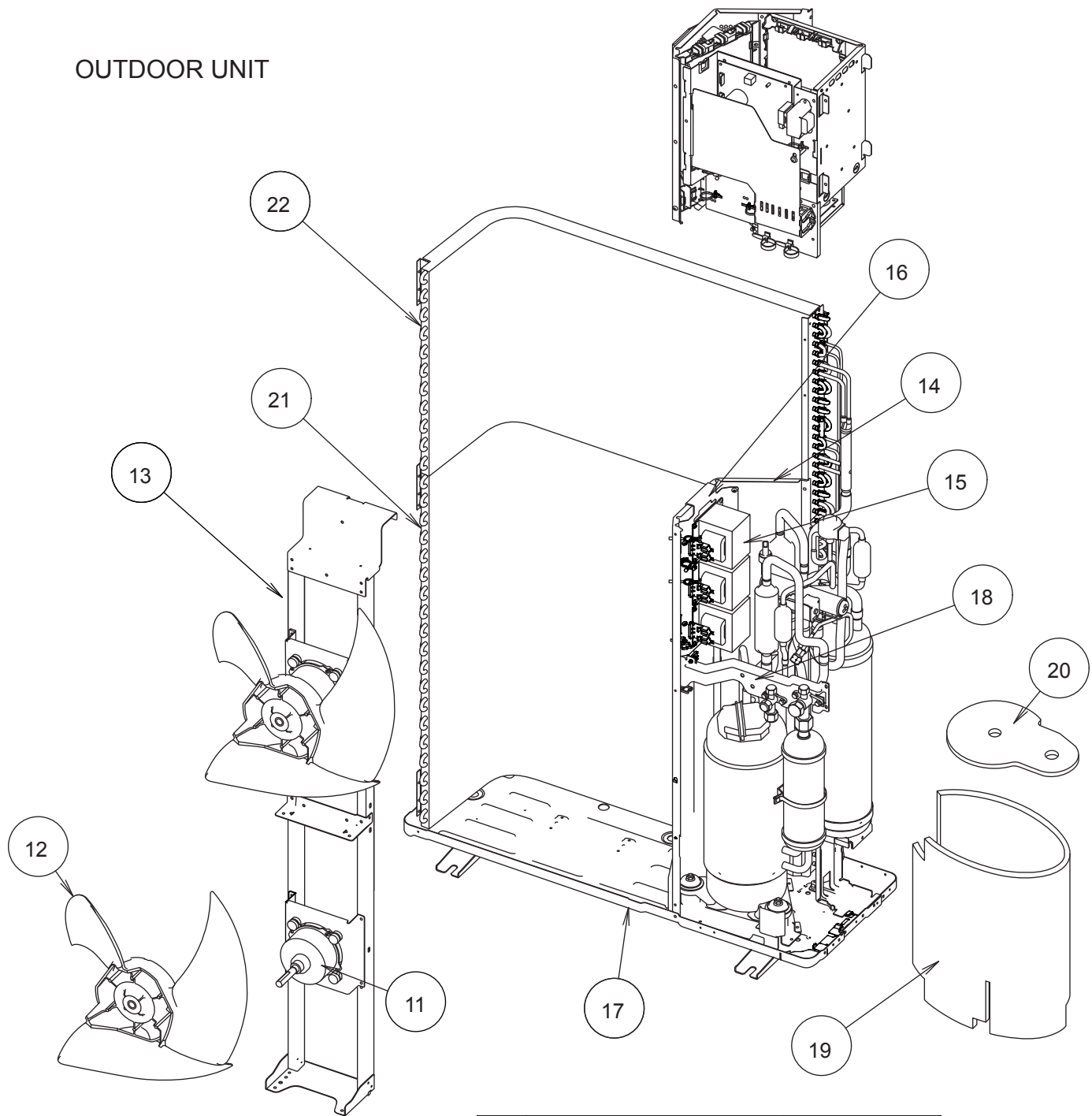
PARTS

OUTDOOR UNIT



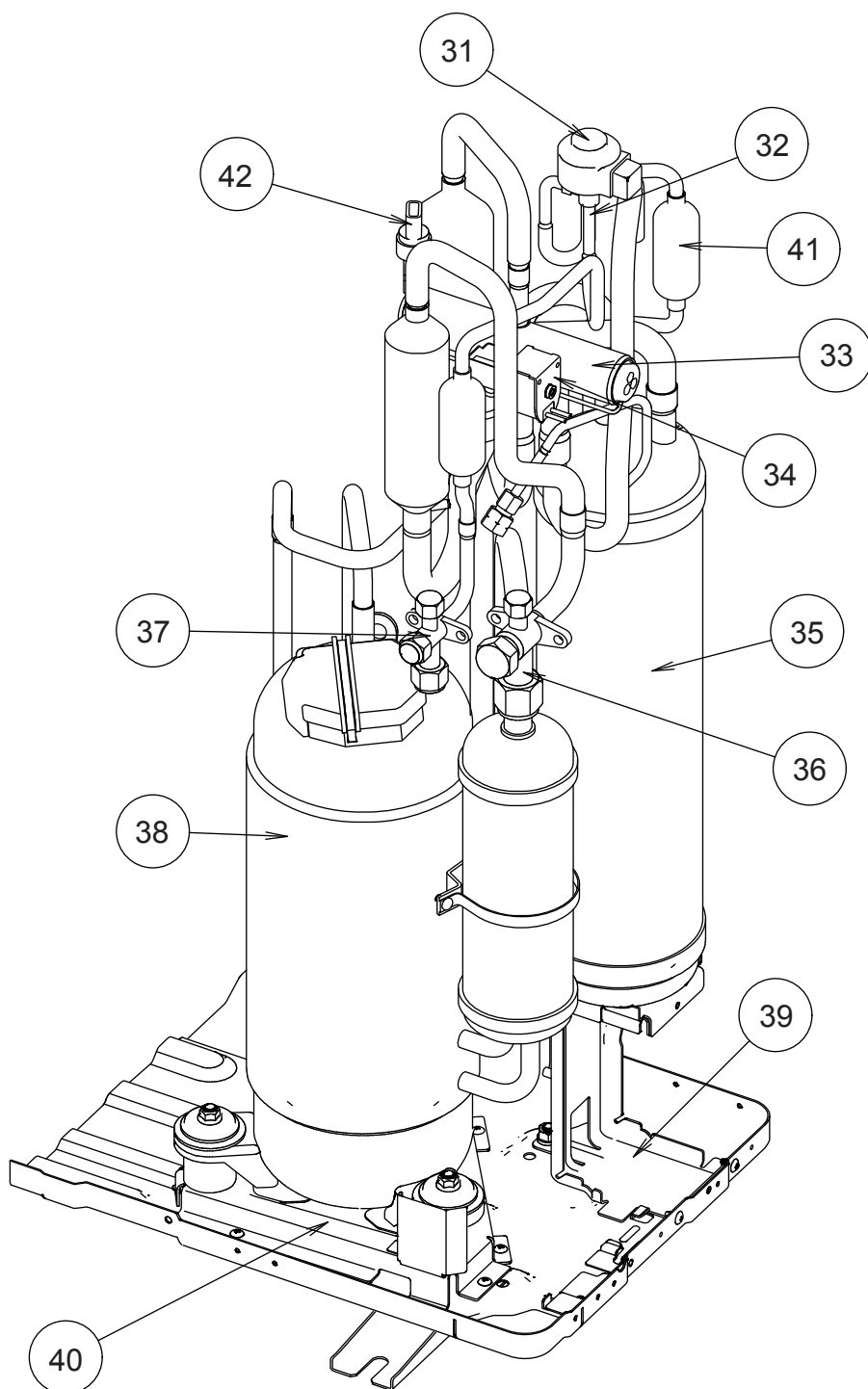
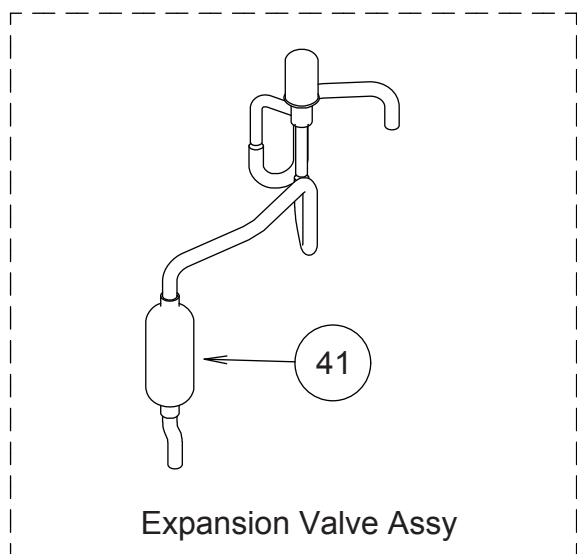
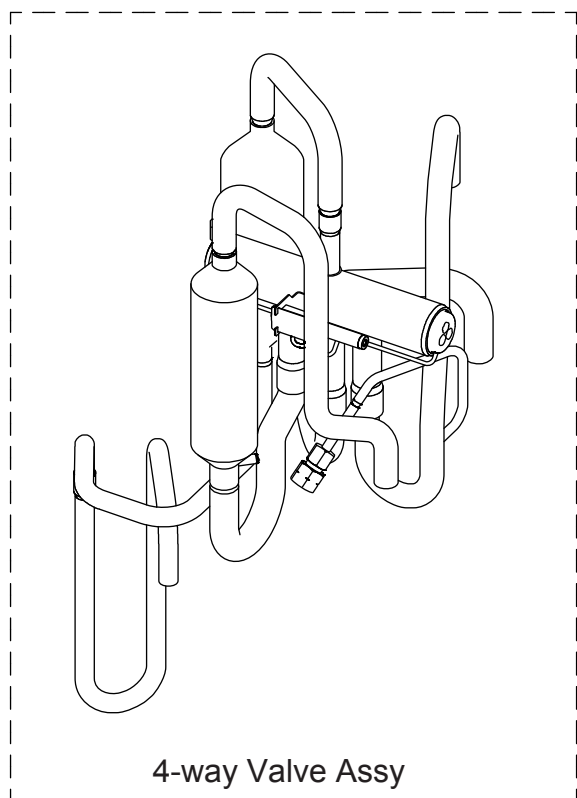
Ref.	Description	Parts number
1	Top Panel Sub Assy	9374417032
2	Front Panel	9374094028
3	Fan Guard	9374330010
4	Grip Side	9374173013
5	Sevice Panel Sub Assy	9374415076
6	Pipe Cover Front	9378861015
7	Right Panel Sub Assy	9374416158
8	Pipe Cover Rear	9378862012
9	Fan Guard Cover	9378111011
--	Protective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

OUTDOOR UNIT



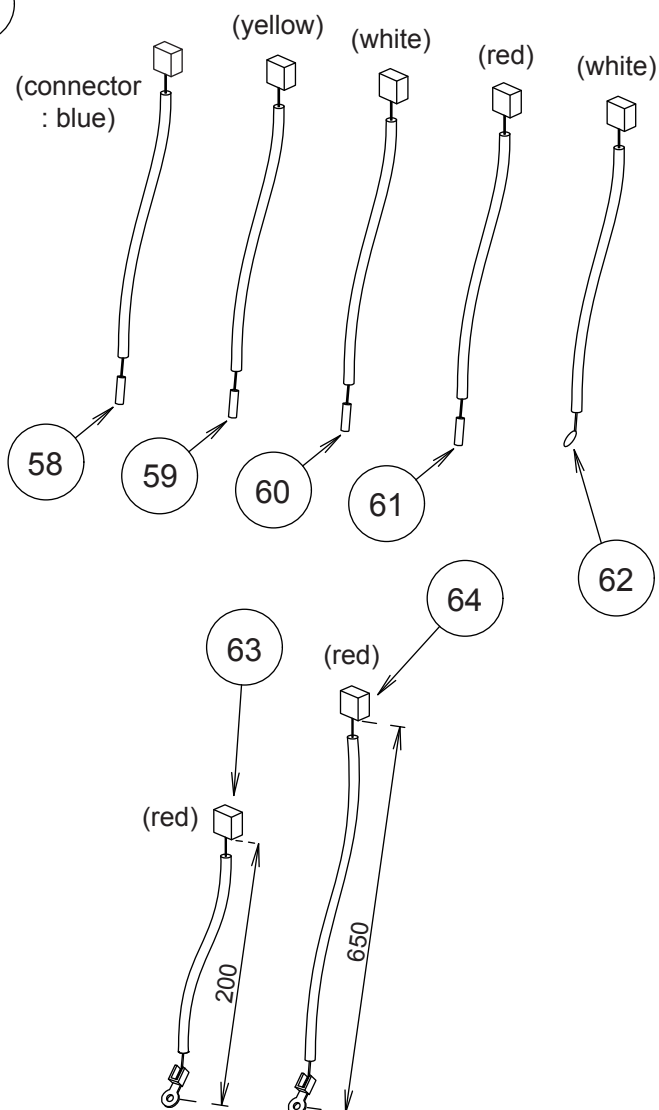
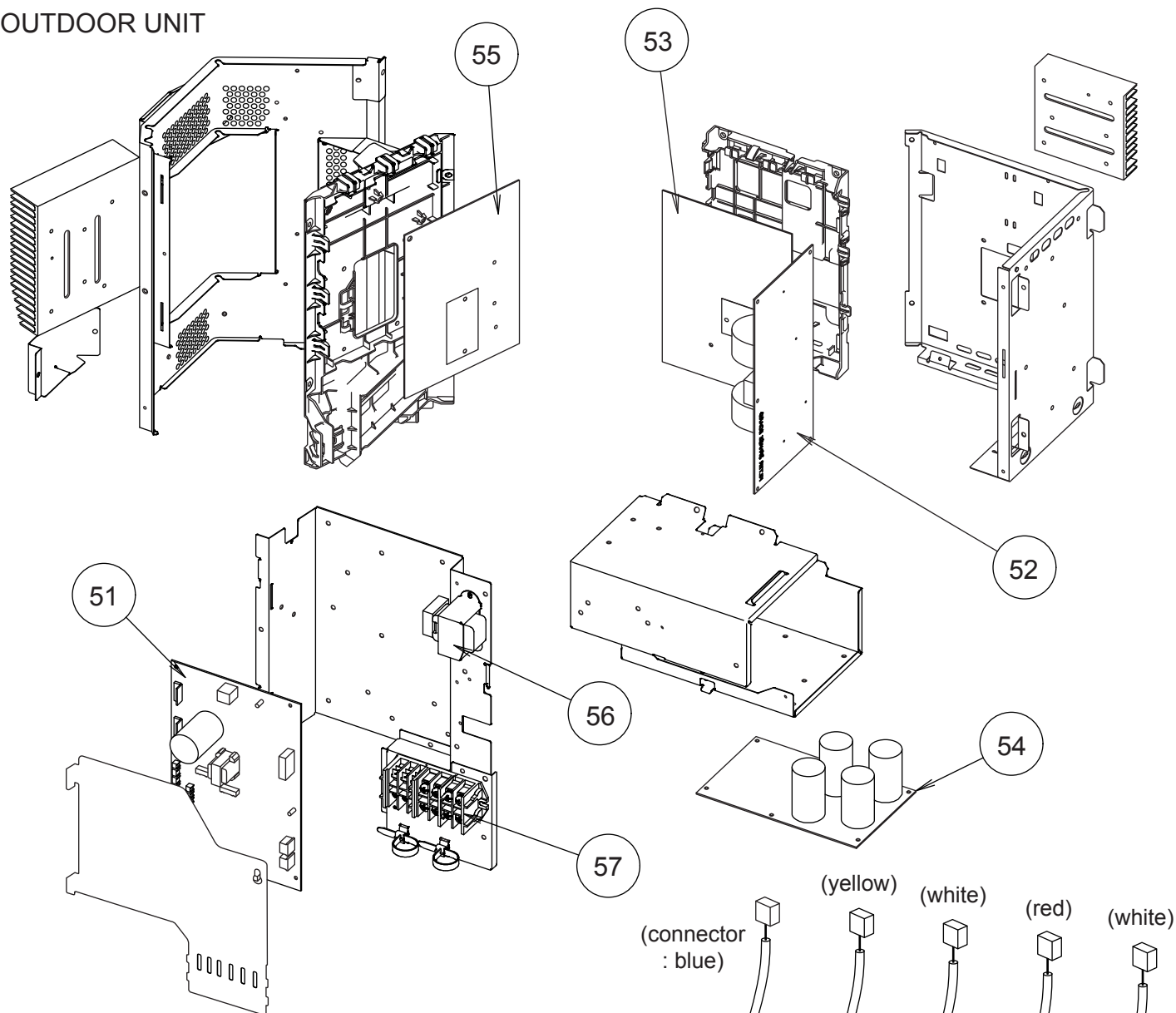
Ref.	Description	Parts number
11	Motor DC Brushless	9602749010
12	Propeller Fan Assy	9366378020
13	Motor Bracket Sub Assy	9374418145
14	Separate Wall Sub Assy	9374413195
15	Reactor Assy	9900246013
16	Reactor Holder Sub Assy	9379067003
17	Base Assy	9374166220
18	Valve Plate	9378804012
19	Compressor Cover 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

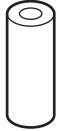
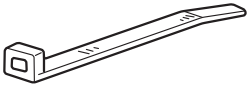
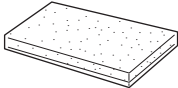
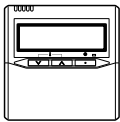
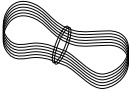
OUTDOOR UNIT



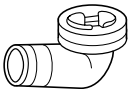
Ref.	Description	Parts number
51	Main PCB Assy (36)	9707627015
51	Main PCB Assy (45)	9707627022
52	Filter PCB Assy	9707609011
53	PFC PCB Assy	9707629019
54	Capacitor PCB Assy	9707608014
55	Inverter PCB Assy	9707628012
56	Reactor Assy	9900481018
57	Terminal	9900428082
58	Compressor Thermistor	9900516000
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
Hanger 	4	For suspending the indoor unit from ceiling	9356563009
Special nut A (large flange) 	4		313005446653
Special nut B (small flange) 	4		313005446759
Coupler heat insulation (large) 	1	For indoor side pipe joint (large pipe)	9378173569
Coupler heat insulation (small) 	1	For indoor side pipe joint (small pipe)	9378173521
Binder 	1	(large) For fixing the drain hose	312300787605
	1	(small) Fixing the remote cord	313361275805
Drain hose insulation 	1	Insulates the drain hose and vinyl hose	313806217708
Remote control 	1	For air conditioner operation	9372266199
Remote control cord (*1) 	1	For connecting the remote control	9372714010
Drilling screw (ø4 × 16) 	2	For installing the remote control	0700181108

OUTDOOR UNIT

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

