

SPLIT TYPE
AIR CONDITIONER
DUCT TYPE (50Hz)

SERVICE MANUAL



Indoor unit	Outdoor unit
ARYG36LMLA	AOYG36LATT
ARYG45LMLA	AOYG45LATT

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SPECIFICATIONS

ELECTRICAL DATA

TYPE		Cooling & Heating	
INDOOR UNIT		ARYG36LMLA	ARYG45LMLA
OUTDOOR UNIT		AOYG36LATT	AOYG45LATT
COOLING CAPACITY		10.0 kW	12.5 kW
HEATING CAPACITY		11.2 kW	14.0 kW
POWER SOURCE		400 V, 50 Hz, 3 phase, 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
C.O.P.	Heating	3.90 kW/kW	3.61 kW/kW
MOISTURE REMOVAL		3.0 L/hr	4.5 L/hr
AIR CIRCULATION INDOOR		1,850 m3/h	2,100 m3/h
AIR CIRCULATION OUTDOOR	Cooling	6,200 m3/h	6,750 m3/h
	Heating	6,200 m3/h	6,200 m3/h
MAXIMUM CURRENT		8.5 A	9.5 A

FAN MOTOR

INDOOR UNIT, Discrimination		MFG-45RVN	
INDOOR UNIT	High	1,200 r.p.m.	1,350 r.p.m.
	Medium	1,020 r.p.m.	1,150 r.p.m.
	Low	840 r.p.m.	910 r.p.m.
	Quiet	670 r.p.m.	770 r.p.m.
OUTDOOR UNIT, Discrimination		MFE-54VVT	
OUTDOOR UNIT Cooling	Upper fan	780 r.p.m.	850 r.p.m.
	Lower fan	750 r.p.m.	800 r.p.m.
OUTDOOR UNIT Heating	Upper fan	780 r.p.m.	780 r.p.m.
	Lower fan	750 r.p.m.	750 r.p.m.

NOISE LEVEL

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

COMPRESSOR AND REFRIGERANT

TYPE		Hermetic type, Inverter, 4 poles, 3 phase, DC motor, Twin Rotary	
DISCRIMINATION		DA422A3F-29ZAD	
WEIGHT (with oil)		23.0 kg	
REFRIGERANT TYPE		R410A	
PRECHARGED REFRIGERANT		3,450 g	
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

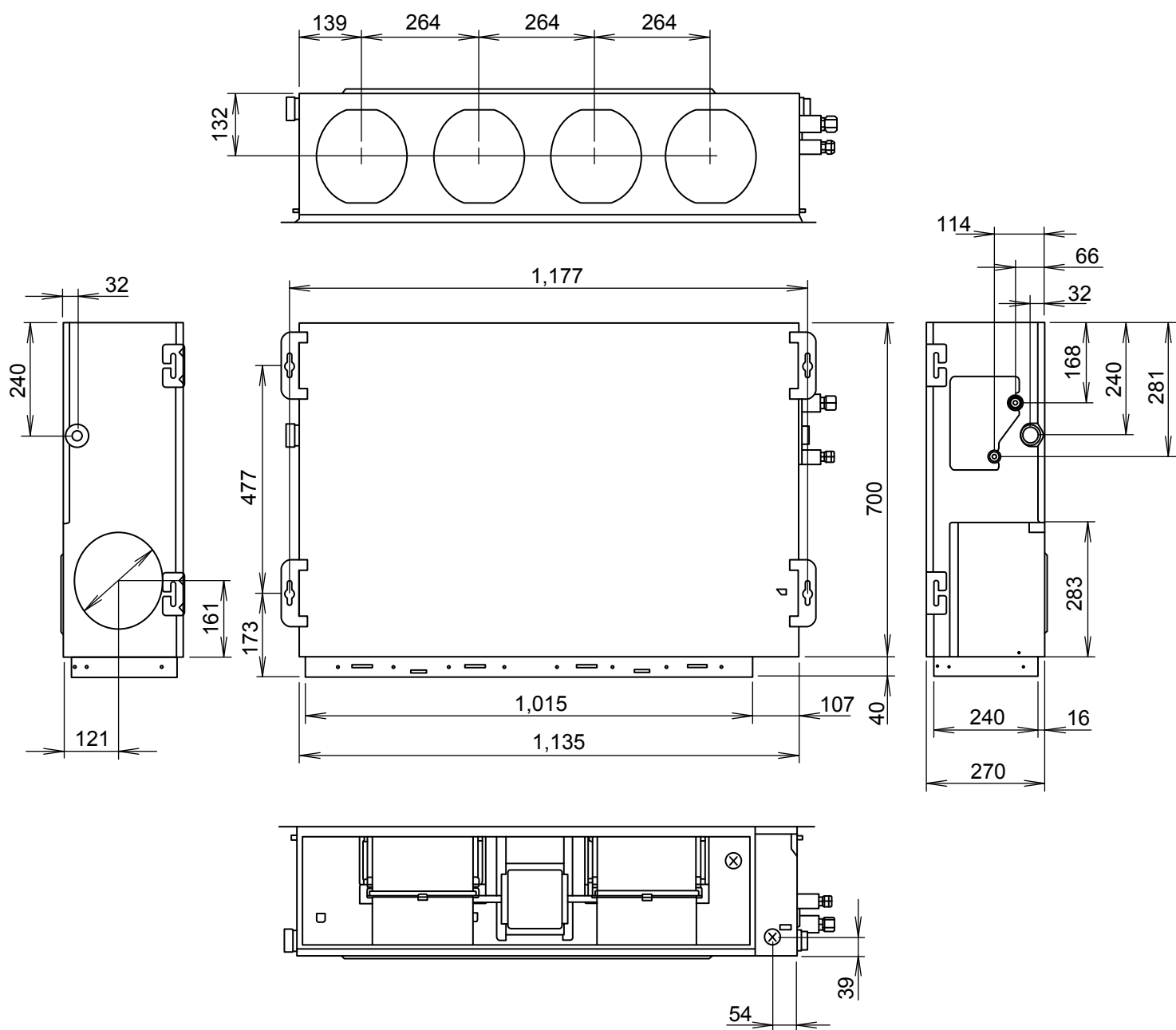
INDOOR UNIT	H x W x D	270 x 1,135 x 700 mm
OUTDOOR UNIT	H x W x D	1,290 x 900 x 330 mm

WEIGHT

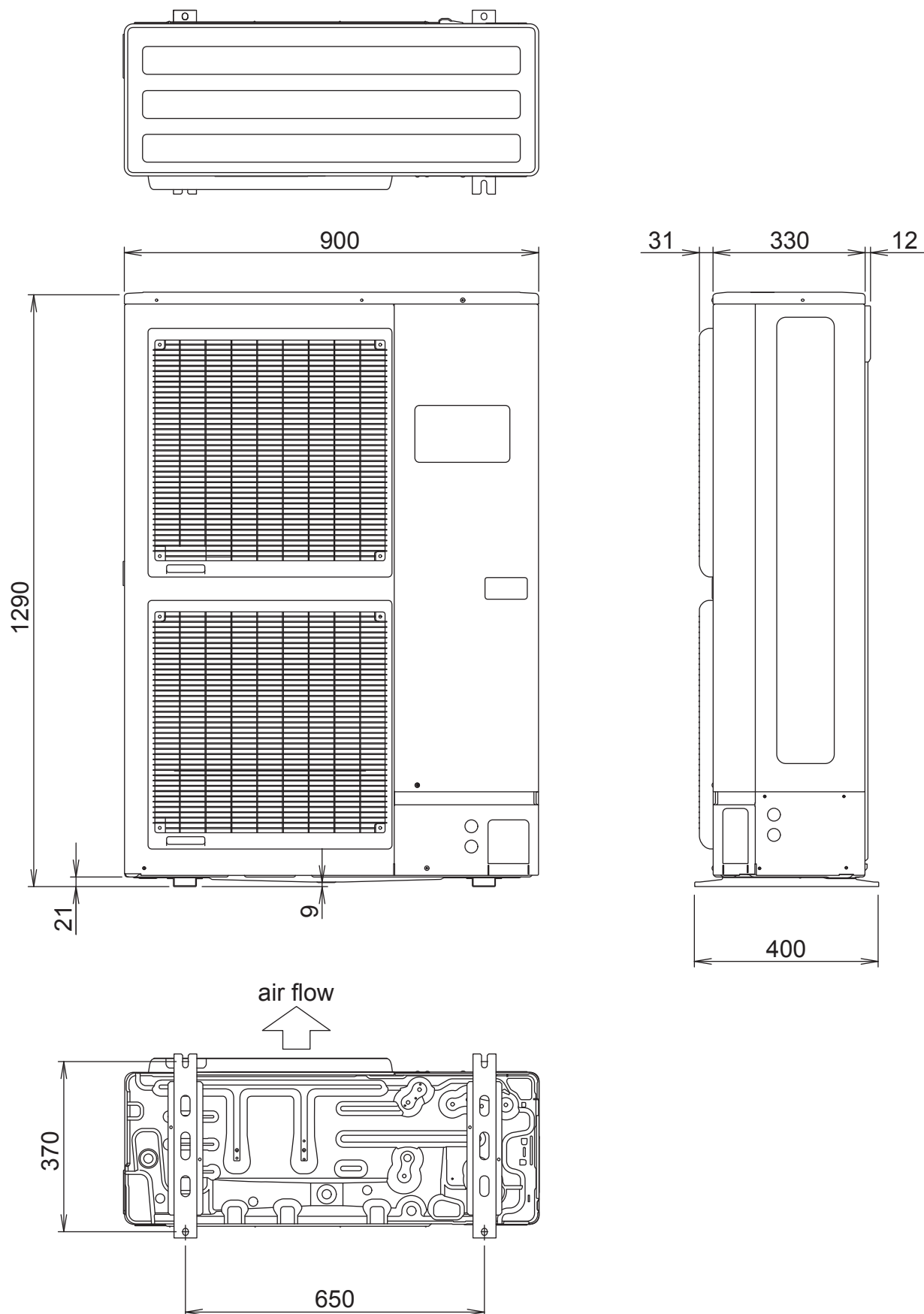
INDOOR UNIT	Shipping / Net	47 kg / 40 kg
OUTDOOR UNIT	Shipping / Net	113 kg / 104 kg

DIMENSIONS

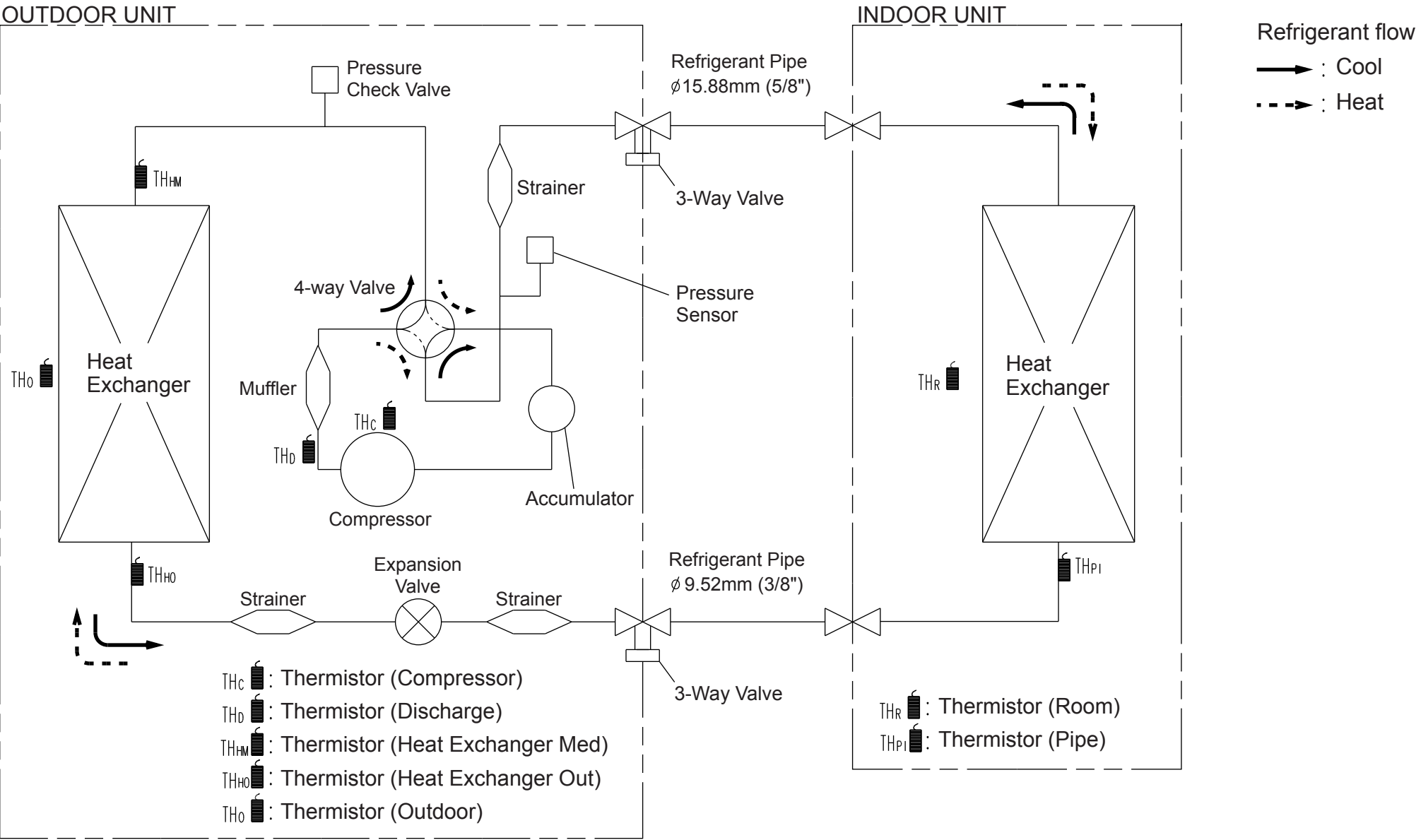
INDOOR UNIT
(Unit : mm)



OUTDOOR UNIT (unit : mm)

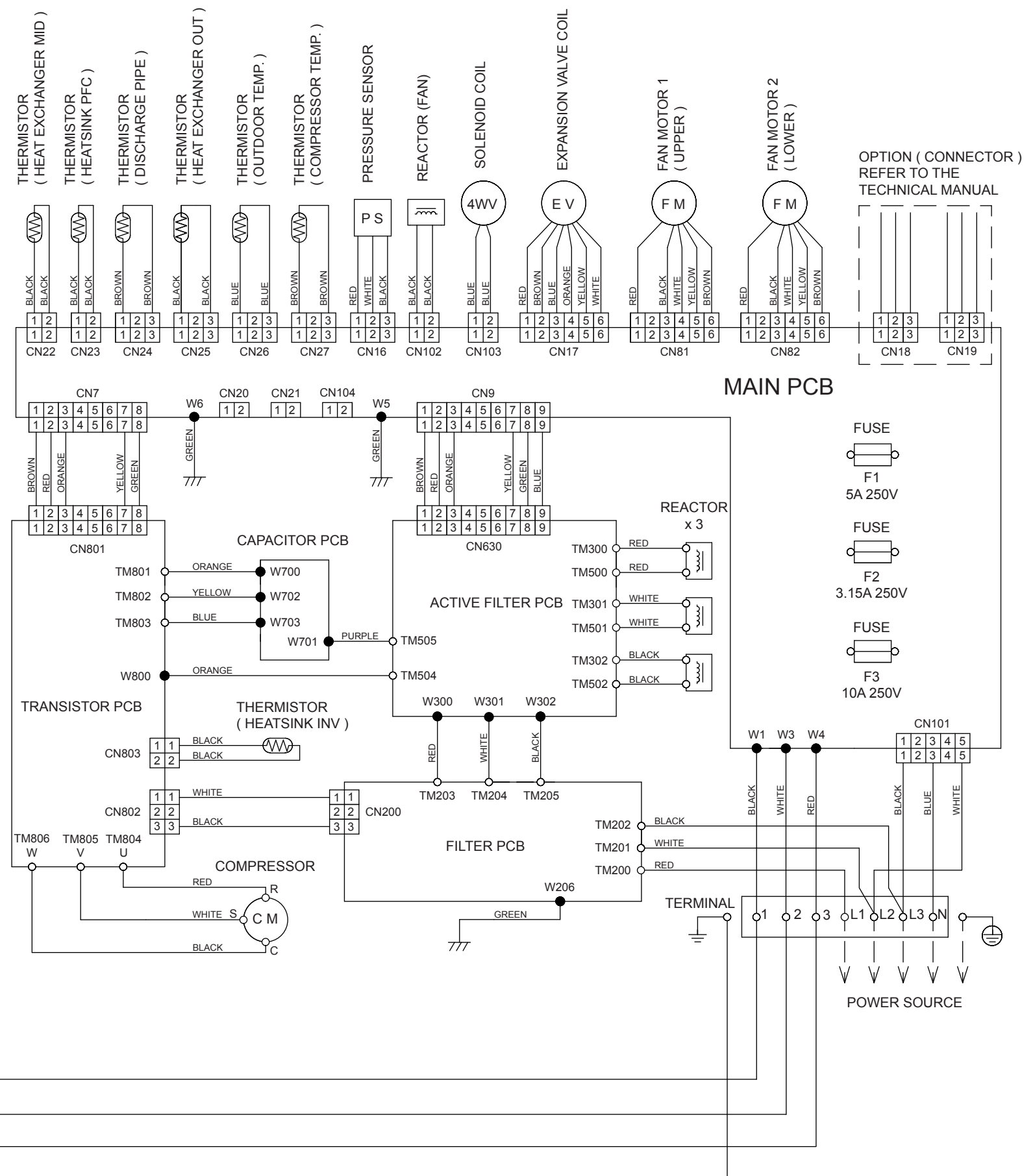


REFRIGERANT SYSTEM DIAGRAM



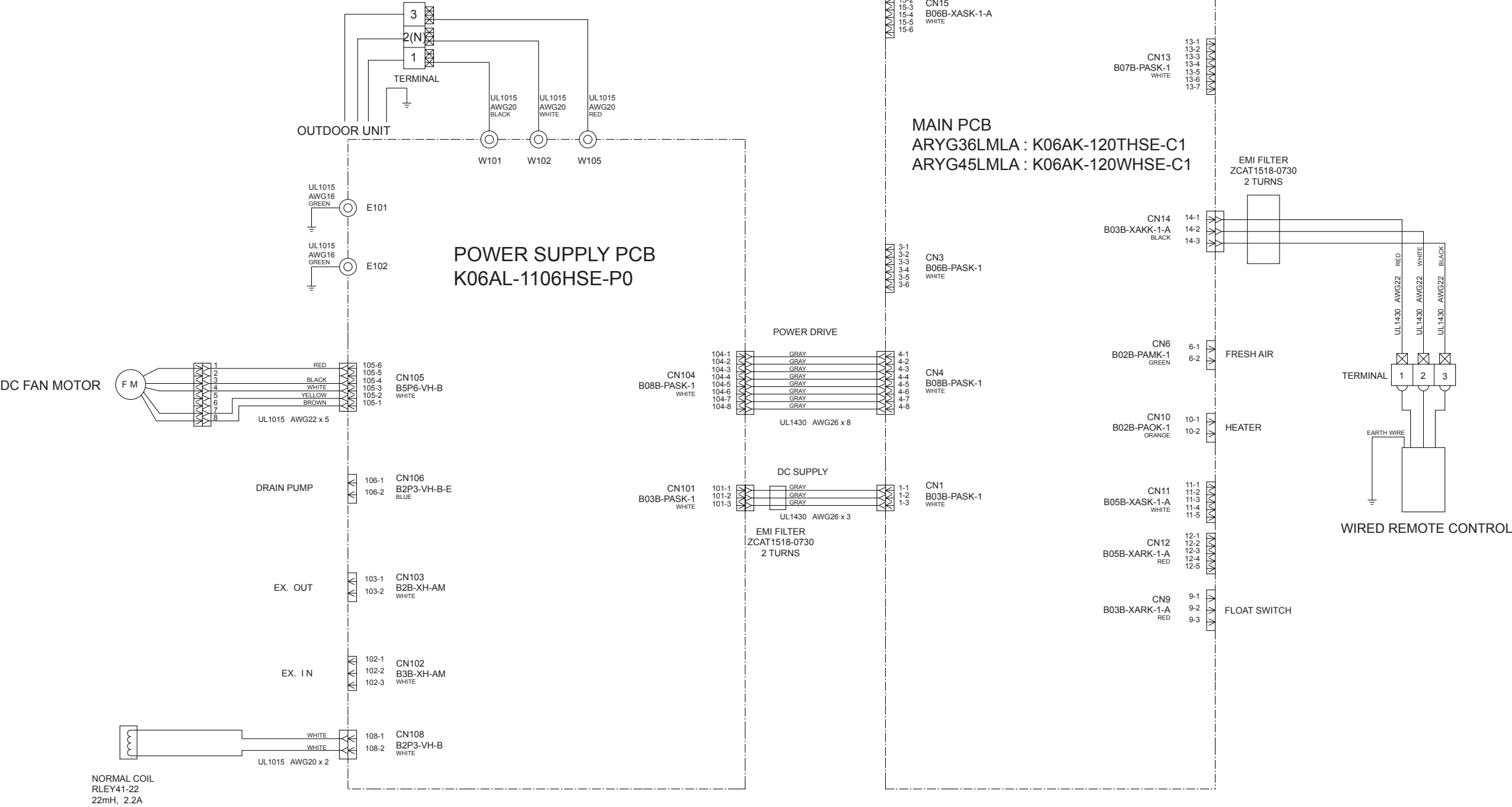
OUTDOOR UNIT

The diagram illustrates the electrical connections for the indoor unit. The central component is the **MAIN PCB**, which has multiple connection points labeled CN1 through CN14. The **POWER SUPPLY PCB** is connected to the main PCB via CN101 and CN102. It includes a fuse F101 (3.15A, 250V) and terminals for EX. IN and EX. OUT (OPTION). The **FAN MOTOR (FM)** is connected to the main PCB via CN105. The **THERMISTOR (PIPE TEMP.)** and **THERMISTOR (ROOM TEMP.)** are connected to the main PCB via CN5 and CN8 respectively. The **COIL** is connected to the main PCB via CN108. The **TO WIRED REMOTE CONTROL** terminals are connected to the main PCB via CN14. The **TERMINAL** block is connected to the main PCB via CN1 and CN4, and to the power supply PCB via W105, W102, and W101. The **GROUND** connections are shown at the bottom of the diagram.



INDOOR PCB
CIRCUIT DIAGRAM

CONTROL UNIT
ARYG36LMLA : EZ-01228HSE
ARYG45LMLA : EZ-01229HSE

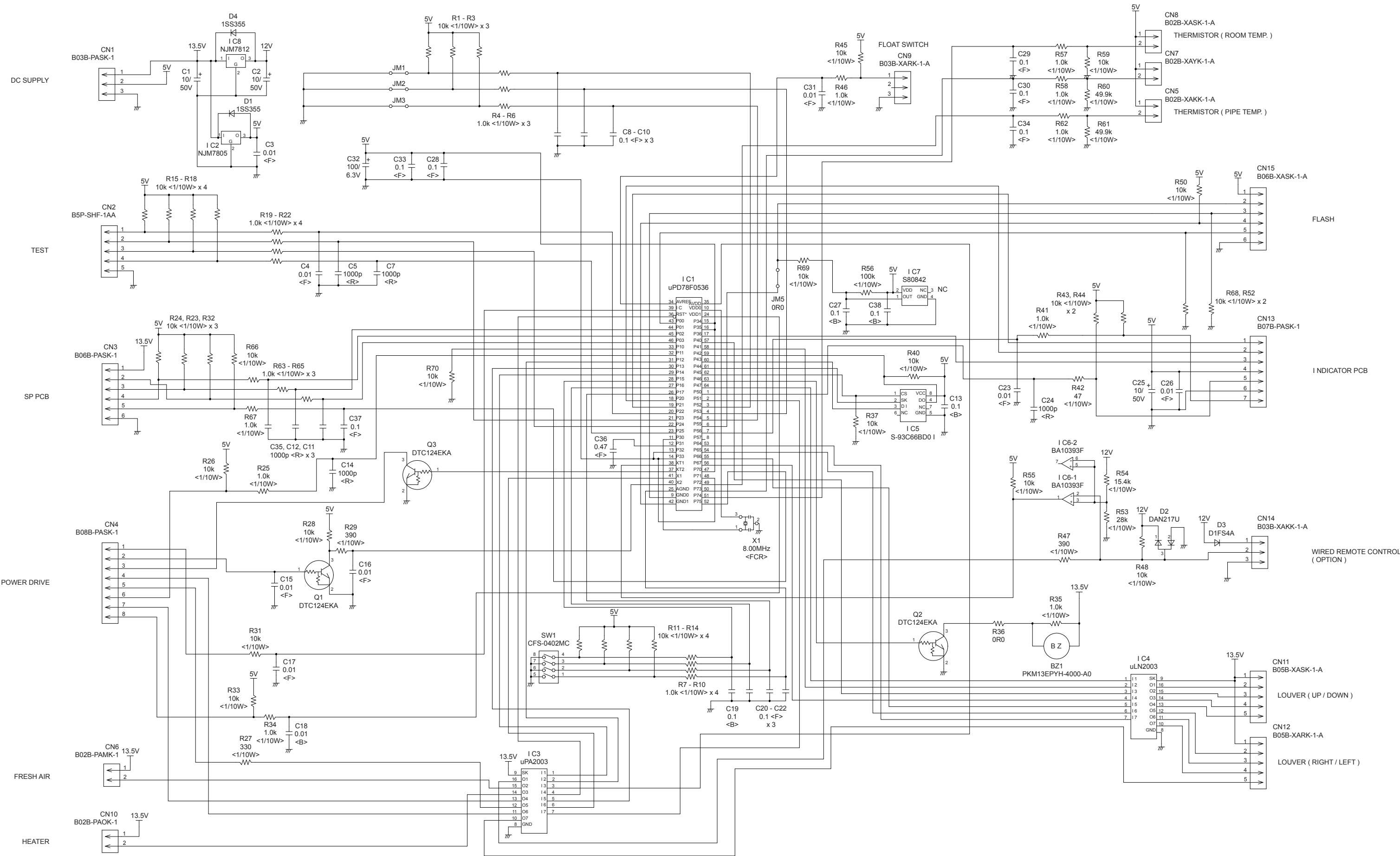


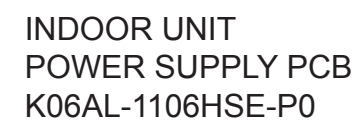
INDOOR UNIT

MAIN PCB

ARYG36LMLA : K06AK-120THSE-C1

ARYG45LMLA : K06AK-120WHSE-C1

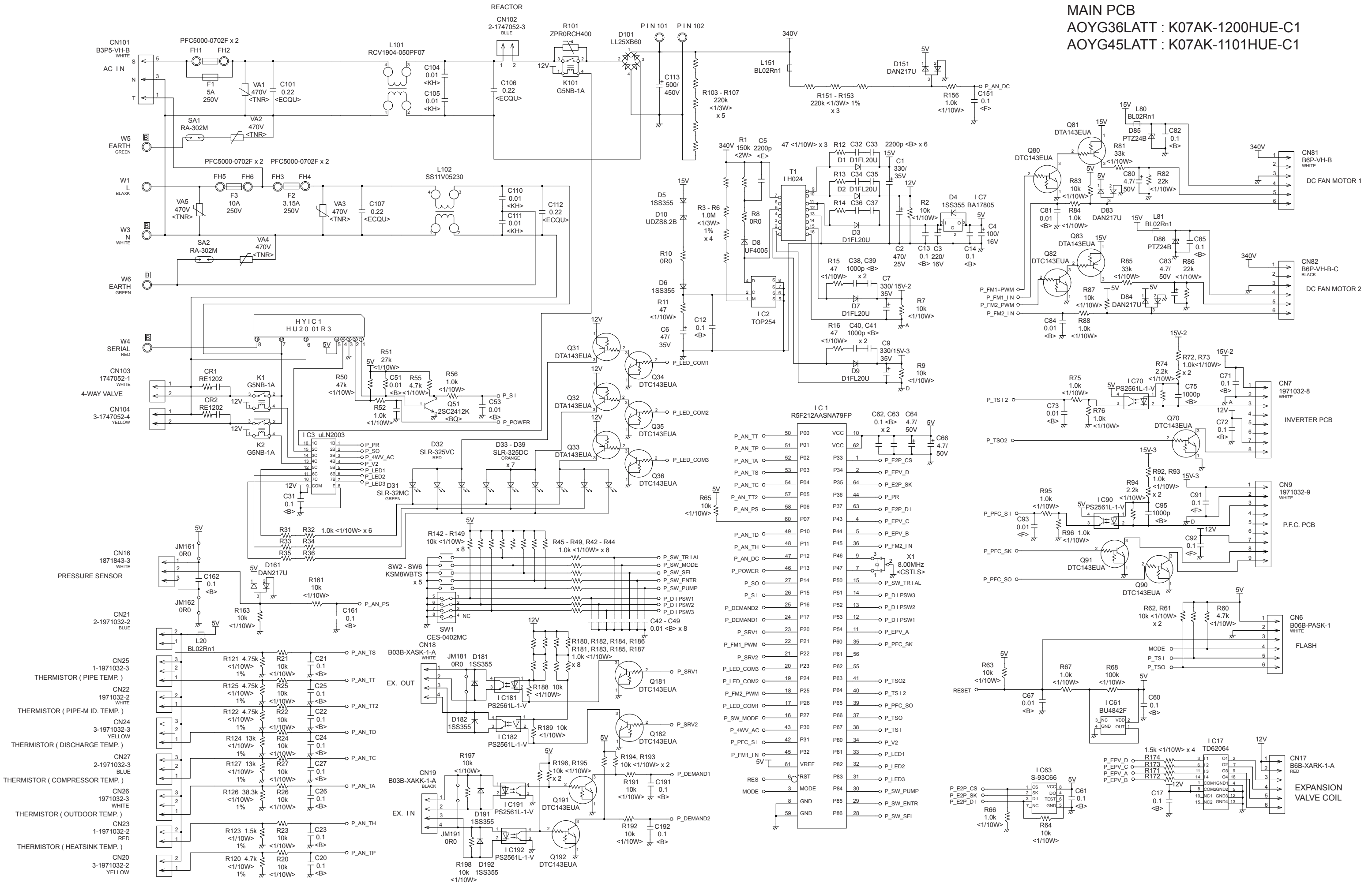




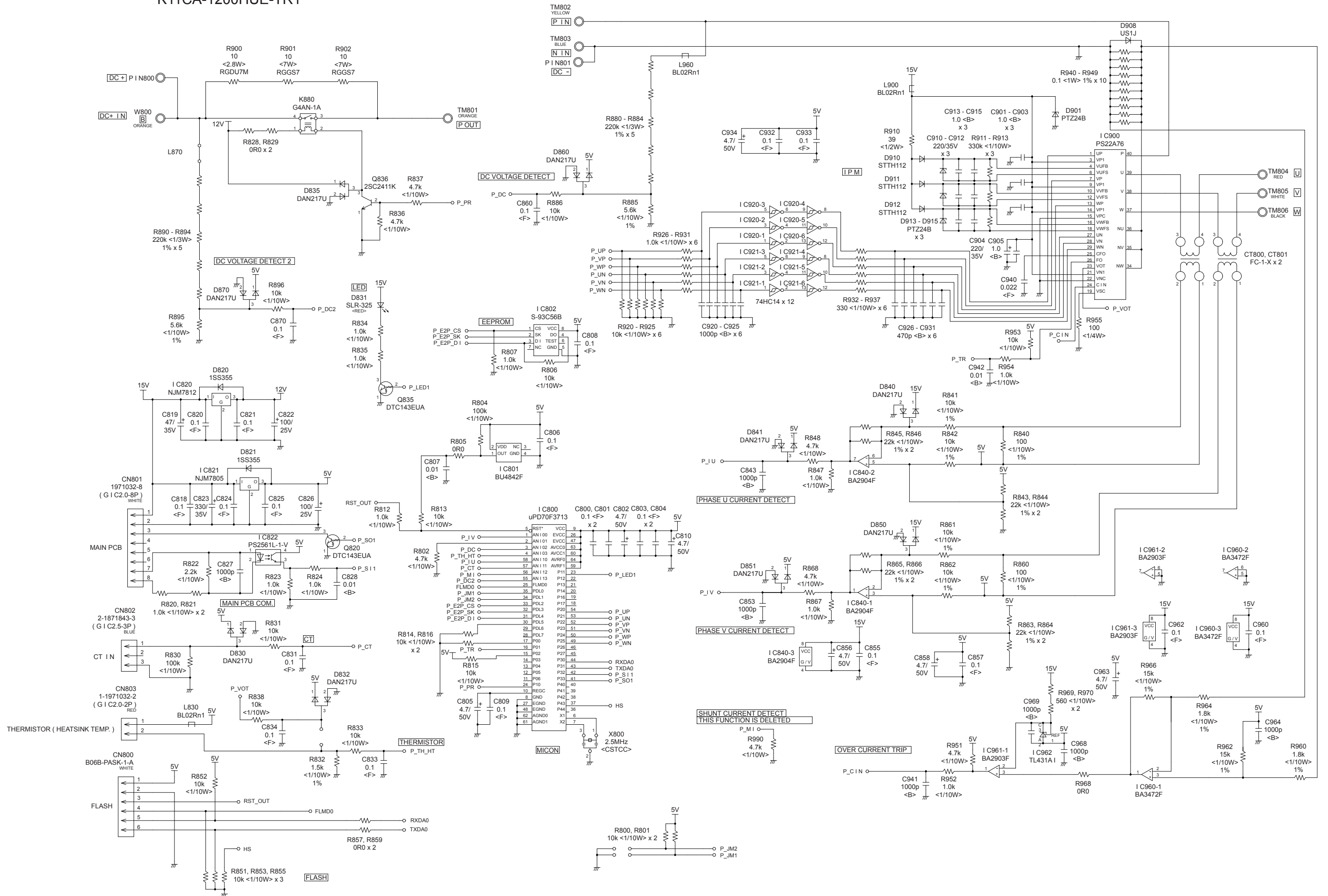
INVERTER ASSEMBLY
AOYG36LATT : EZ-01222HUE
AOYG45LATT : EZ-0111WHUE



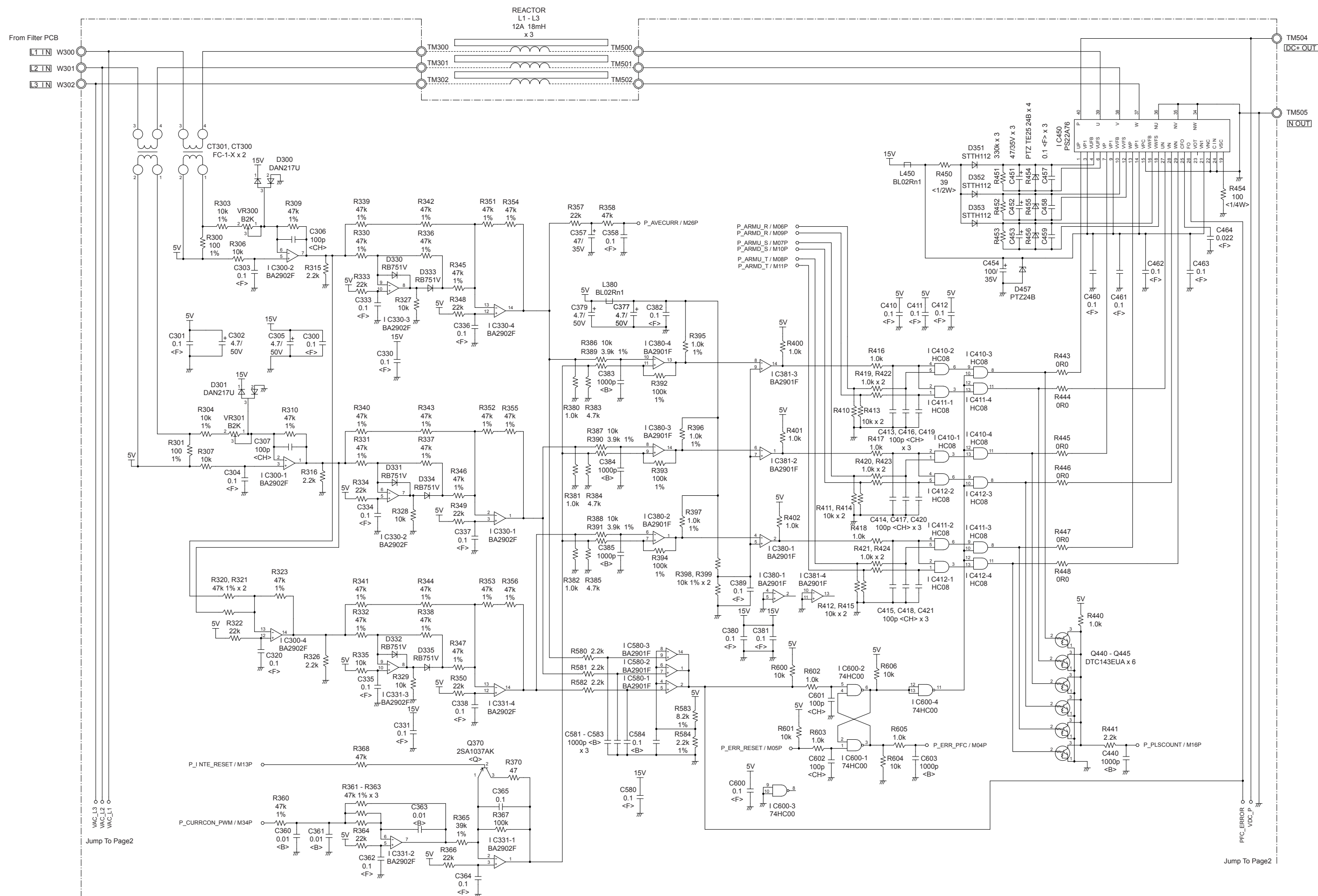
OUTDOOR UNIT
MAIN PCB
AOYG36LATT : K07AK-1200HUE-C1
AOYG45LATT : K07AK-1101HUE-C1



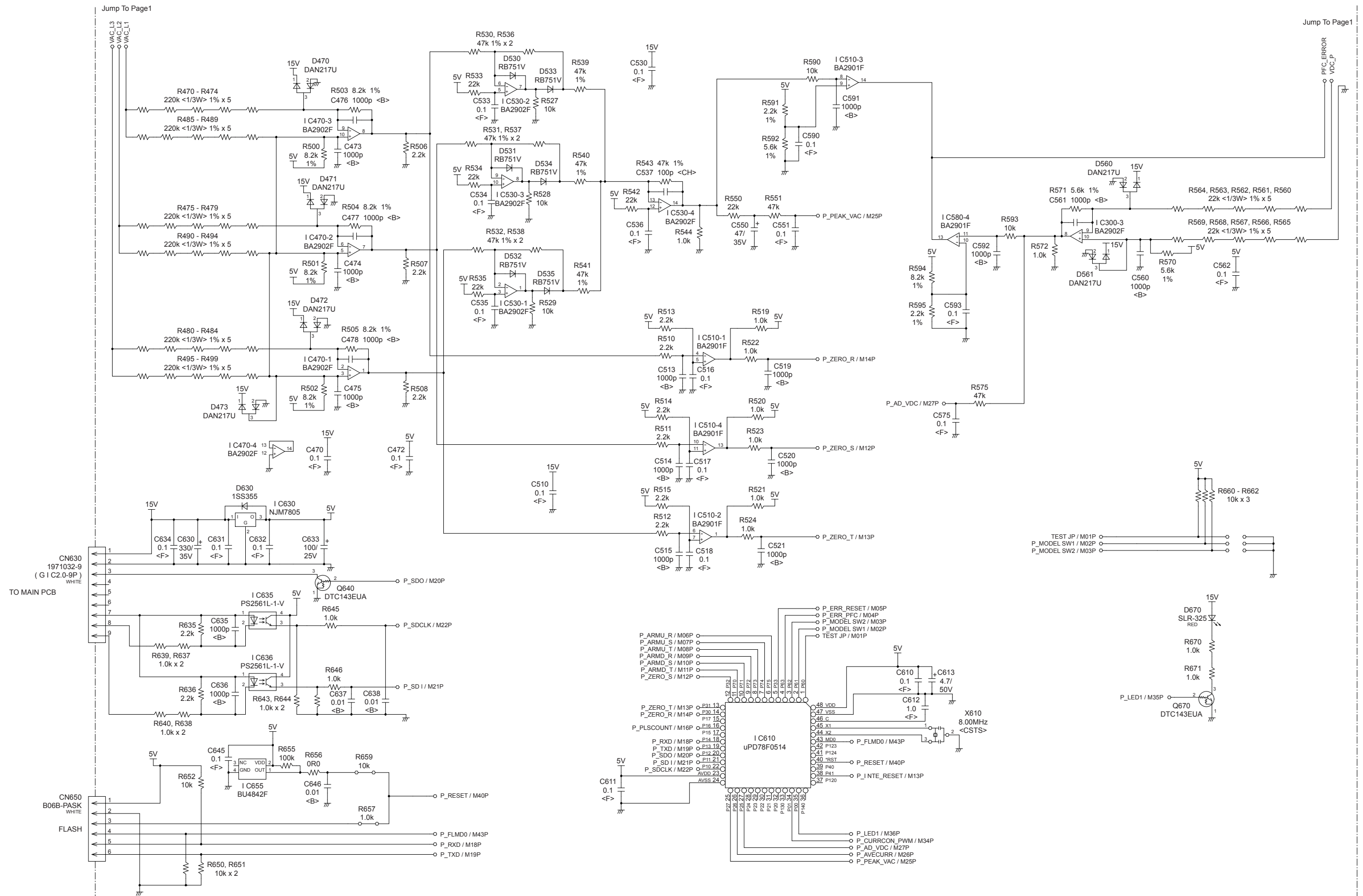
OUTDOOR UNIT TRANSISTOR PCB K11CA-1200HUE-TR1



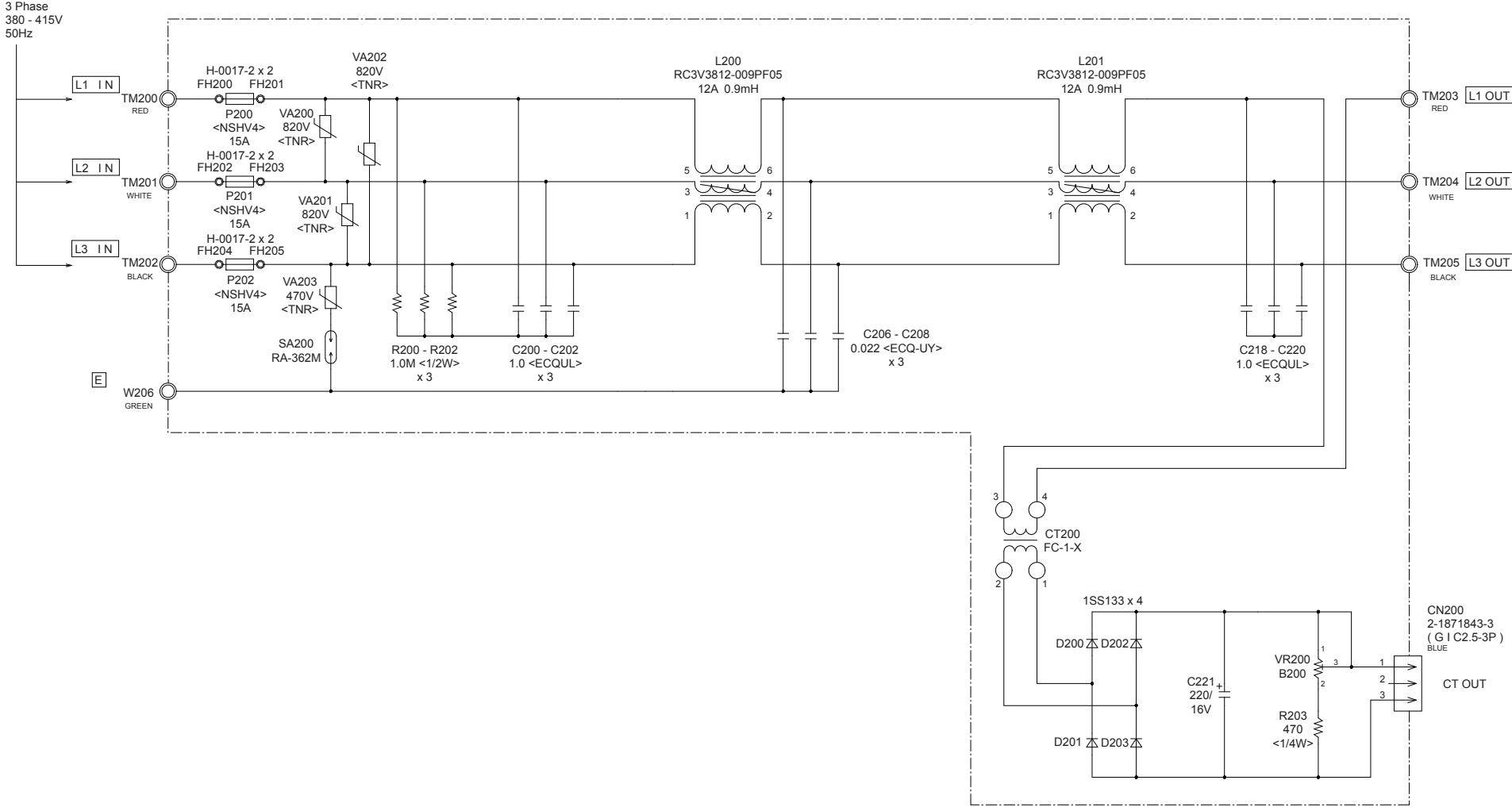
OUTDOOR UNIT
ACTIVE FILTER PCB - 1
K-11BZ-1100HUE-AF0



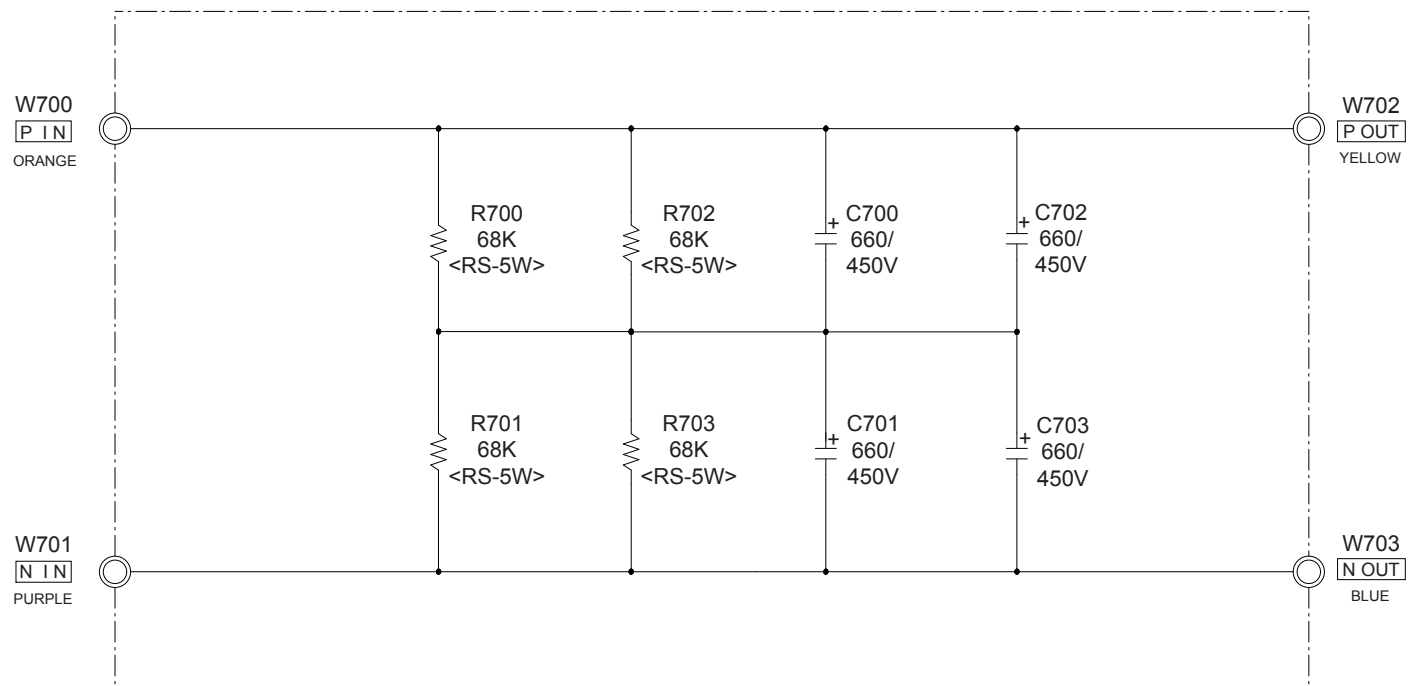
OUTDOOR UNIT
ACTIVE FILTER PCB - 2
K11BZ-1100HUE-AF0



OUTDOOR UNIT
FILTER PCB
K07AQ-0700HUE-FL0



OUTDOOR UNIT
CAPACITOR PCB
K07AP-0700HUE-P0



ERROR DETECTION

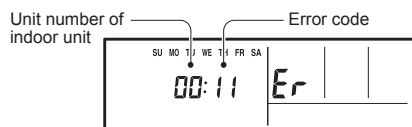
INDOOR UNIT and WIRED REMOTE CONTROL

If you use a wireless remote control, the lamp on the photo detector unit will output error codes by way of blinking patterns.

If you use a wired type remote control, error codes will appear on the remote control display. See the lamp blinking patterns and error codes in the table. An error display is displayed only during running.

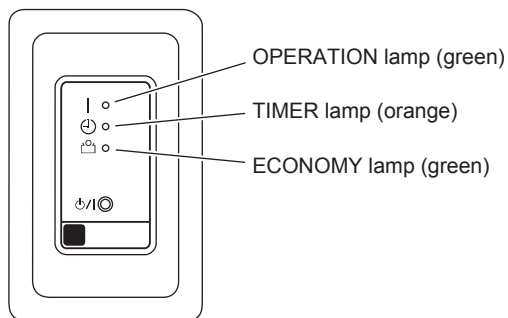
Remote control

This is possible only on a wired remote control. If an error occurs, the following display will be shown. ("Er" will appear in the set room temperature display.)



EX. Self-diagnosis

Receiver unit (option)



- : 0.5s on / 0.5s off
- ◇ : 0.1s on / 0.1s off
- () : Number of flashing

Receiver unit			Wired remote control	Description
OPERATION lamp (green)	TIMER lamp (orange)	ECONOMY lamp (green)		
● (1)	● (1)	◇	11	Serial communication error
● (1)	● (2)	◇	12	Wired remote control communication error
● (1)	● (5)	◇	15	Check run unfinished
● (2)	● (1)	◇	21	Unit number or Refrigerant circuit address setting error [Simultaneous Multi]
● (2)	● (2)	◇	22	Indoor unit capacity error
● (2)	● (3)	◇	23	Combination error
● (2)	● (4)	◇	24	• Connection unit number error (indoor slave unit) [Simultaneous Multi] • Connection unit number error (indoor unit or branch unit) [Flexible Multi]
● (2)	● (7)	◇	27	Master unit, slave unit set-up error [Simultaneous Multi]
● (3)	● (1)	◇	31	Power supply interruption error
● (3)	● (2)	◇	32	Indoor unit PCB model information error
● (3)	● (5)	◇	35	Manual auto switch error
● (4)	● (1)	◇	41	Room temp. sensor error
● (4)	● (2)	◇	42	Indoor unit Heat Ex. Middle temp. sensor error
● (5)	● (1)	◇	51	Indoor unit fan motor error
● (5)	● (3)	◇	53	Drain pump error
● (5)	● (7)	◇	57	Damper error
● (5)	● (15)	◇	5U	Indoor unit error
● (6)	● (2)	◇	62	Outdoor unit main PCB model information error or communication error
● (6)	● (3)	◇	63	Inverter error
● (6)	● (4)	◇	64	Active filter error, PFC circuit error
● (6)	● (5)	◇	65	Trip terminal L error
● (6)	● (10)	◇	6A	Display PCB microcomputers communication error

Receiver unit			Wired remote control	Description
OPERATION lamp (green)	TIMER lamp (orange)	ECONOMY lamp (green)		
● (7)	● (1)	◇	71	Discharge temp. sensor error
● (7)	● (2)	◇	72	Compressor temp. sensor error
● (7)	● (3)	◇	73	Outdoor unit Heat Ex. liquid temp. sensor error
● (7)	● (4)	◇	74	Outdoor temp. sensor error
● (7)	● (5)	◇	75	Suction Gas temp. sensor error
● (7)	● (6)	◇	76	• 2-way valve temp. sensor error • 3-way valve temp. sensor error
● (7)	● (7)	◇	77	Heat sink temp. sensor error
● (8)	● (2)	◇	82	• Sub-cool Heat Ex. gas inlet temp. sensor error • Sub-cool Heat Ex. gas outlet temp. sensor error
● (8)	● (3)	◇	83	Liquid pipe temp. sensor error
● (8)	● (4)	◇	84	Current sensor error
● (8)	● (6)	◇	86	• Discharge pressure sensor error • Suction pressure sensor error • High pressure switch error
● (9)	● (4)	◇	94	Trip detection
● (9)	● (5)	◇	95	Compressor rotor position detection error (permanent stop)
● (9)	● (7)	◇	97	Outdoor unit fan motor 1 error
● (9)	● (8)	◇	98	Outdoor unit fan motor 2 error
● (9)	● (9)	◇	99	4-way valve error
● (9)	● (10)	◇	9A	Coil (expansion valve) error
● (10)	● (1)	◇	A1	Discharge temp. error
● (10)	● (3)	◇	A3	Compressor temp. error
● (10)	● (4)	◇	A4	High pressure error
● (10)	● (5)	◇	A5	Low pressure error
● (13)	● (2)	◇	12	Branch boxes error [Flexible Multi]

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".

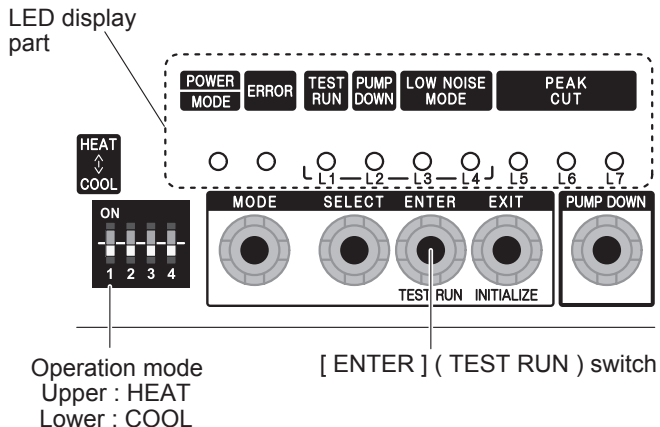
If any problems are found, immediately resolve the problem and re-check the items.

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.



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)		
●	○	○	○	○	○	○	○	○

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

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)	○	○	○	○	○	○	○

Check that the ERROR LED blinks,
and then short-press the [ENTER] switch once.
The number of blinks of the LED indicates the type of error.

Display mode ● : ON
○ : OFF
◆ : Blink (0.5s ON / 0.5s OFF)
() : Number of flashing

Error code check table

POWER MODE	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3) (L4)		PEAK CUT (L5) (L6) (L7)			Description
◆(2)	●	◆(1)	◆(1)	○	○	○	●	●	Serial forward transmission error immediately after operation
◆(2)	●	◆(1)	◆(1)	○	○	●	○	○	Serial forward transmission error during operation
◆(2)	●	◆(2)	◆(2)	○	○	○	○	●	Indoor unit capacity error
◆(2)	●	◆(5)	◆(15)	○	○	○	○	●	Indoor unit error
◆(2)	●	◆(6)	◆(1)	○	○	○	○	●	Over voltage
◆(2)	●	◆(6)	◆(1)	○	○	○	●	●	Power supply frequency error
◆(2)	●	◆(6)	◆(2)	○	○	○	○	●	Outdoor unit PCB model information error
◆(2)	●	◆(6)	◆(2)	○	○	●	●	●	PFC communication error
◆(2)	●	◆(6)	◆(3)	○	○	○	○	●	Inverter error
◆(2)	●	◆(6)	◆(4)	○	○	●	●	●	PFC AD detection error
◆(2)	●	◆(6)	◆(4)	○	●	○	○	○	PFC hardware error
◆(2)	●	◆(6)	◆(5)	○	○	○	●	●	IPM error (Trip terminal L error)
◆(2)	●	◆(6)	◆(8)	○	○	○	●	○	Rush current limiting resistor temp rise protection
◆(2)	●	◆(7)	◆(1)	○	○	○	○	●	Discharge temp. sensor error
◆(2)	●	◆(7)	◆(2)	○	○	○	○	●	Compressor temp. sensor error
◆(2)	●	◆(7)	◆(3)	○	○	○	●	○	Heat Ex. middle temp. sensor error
◆(2)	●	◆(7)	◆(3)	○	○	○	●	●	Outdoor unit Heat Ex. liquid temp. sensor error
◆(2)	●	◆(7)	◆(4)	○	○	○	○	●	Outdoor temp. sensor error
◆(2)	●	◆(7)	◆(7)	○	○	○	○	●	Heat sink temp. sensor error
◆(2)	●	◆(7)	◆(7)	○	○	○	●	○	PFC heat sink temp. sensor error
◆(2)	●	◆(8)	◆(4)	○	○	○	○	●	Current sensor 1 error (stoppage permanently)
◆(2)	●	◆(8)	◆(6)	○	○	●	○	○	High pressure switch 1 error
◆(2)	●	◆(8)	◆(6)	○	○	●	●	○	Pressure sensor error
◆(2)	●	◆(9)	◆(4)	○	○	○	○	●	Trip detection (stoppage permanently)
◆(2)	●	◆(9)	◆(5)	○	○	○	○	●	Compressor motor control error (stoppage permanently)
◆(2)	●	◆(9)	◆(5)	○	○	●	○	●	Compressor motor loss of synchronization (stoppage permanently)
◆(2)	●	◆(9)	◆(7)	○	○	○	●	●	Outdoor unit fan motor 1 error (Duty error)
◆(2)	●	◆(9)	◆(8)	○	○	○	●	●	Outdoor unit fan motor 2 error (Duty error)
◆(2)	●	◆(9)	◆(9)	○	○	○	○	●	4-way valve error
◆(2)	●	◆(10)	◆(1)	○	○	○	○	●	Discharge temp. 1 error (stoppage permanently)
◆(2)	●	◆(10)	◆(3)	○	○	○	○	●	Compressor 1 temp. error (stoppage permanently)
◆(2)	●	◆(10)	◆(5)	○	○	○	○	●	Low pressure error

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

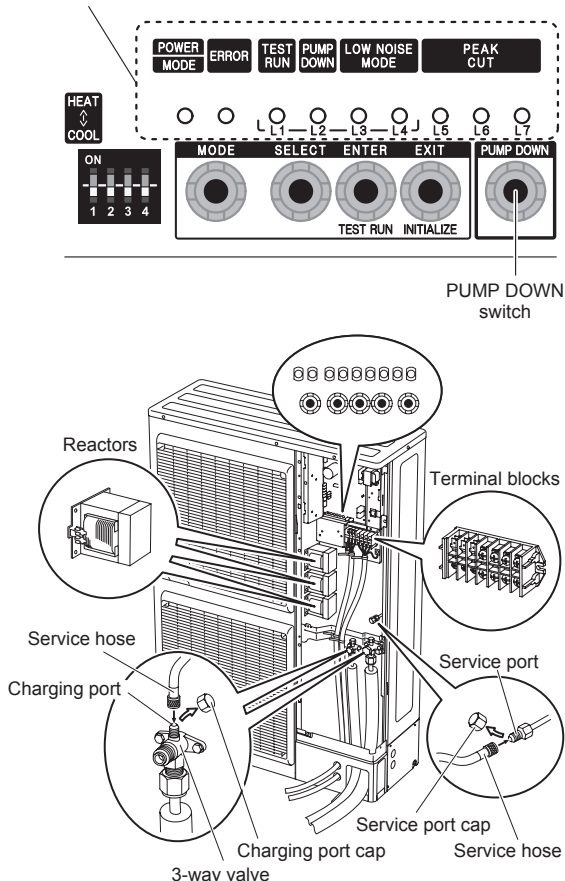
Perform the pump down operation before disconnecting any refrigerant pipe or electric cable.

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



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)	LOW NOISE (L4)	PEAK CUT (L5)	PEAK CUT (L6)	PEAK CUT (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)	LOW NOISE (L4)	PEAK CUT (L5)	PEAK CUT (L6)	PEAK CUT (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.

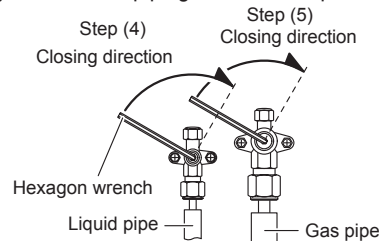
POWER	ERROR	TEST RUN (L1)	PUMP DOWN (L2)	LOW NOISE (L3)	LOW NOISE (L4)	PEAK CUT (L5)	PEAK CUT (L6)	PEAK CUT (L7)
●	○	○	●	○	○	○	●	●

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)	LOW NOISE (L4)	PEAK CUT (L5)	PEAK CUT (L6)	PEAK CUT (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)	LOW NOISE (L4)	PEAK CUT (L5)	PEAK CUT (L6)	PEAK CUT (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)	LOW NOISE (L4)	PEAK CUT (L5)	PEAK CUT (L6)	PEAK CUT (L7)
○	○	○	○	○	○	○	○	○

PUMP DOWN is completed.

(Note)

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

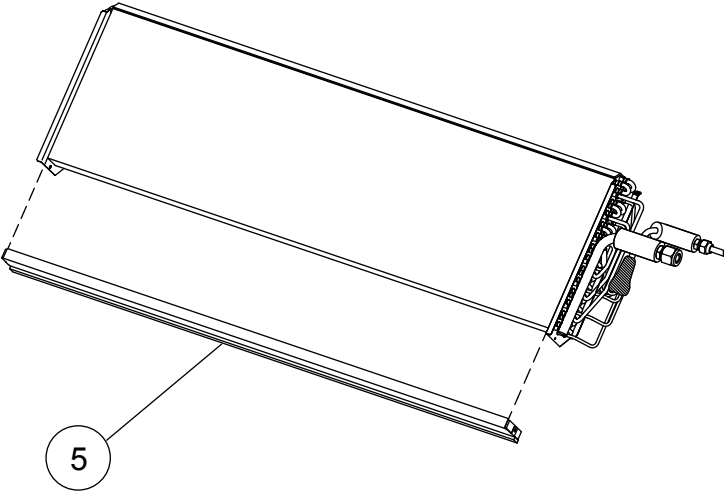
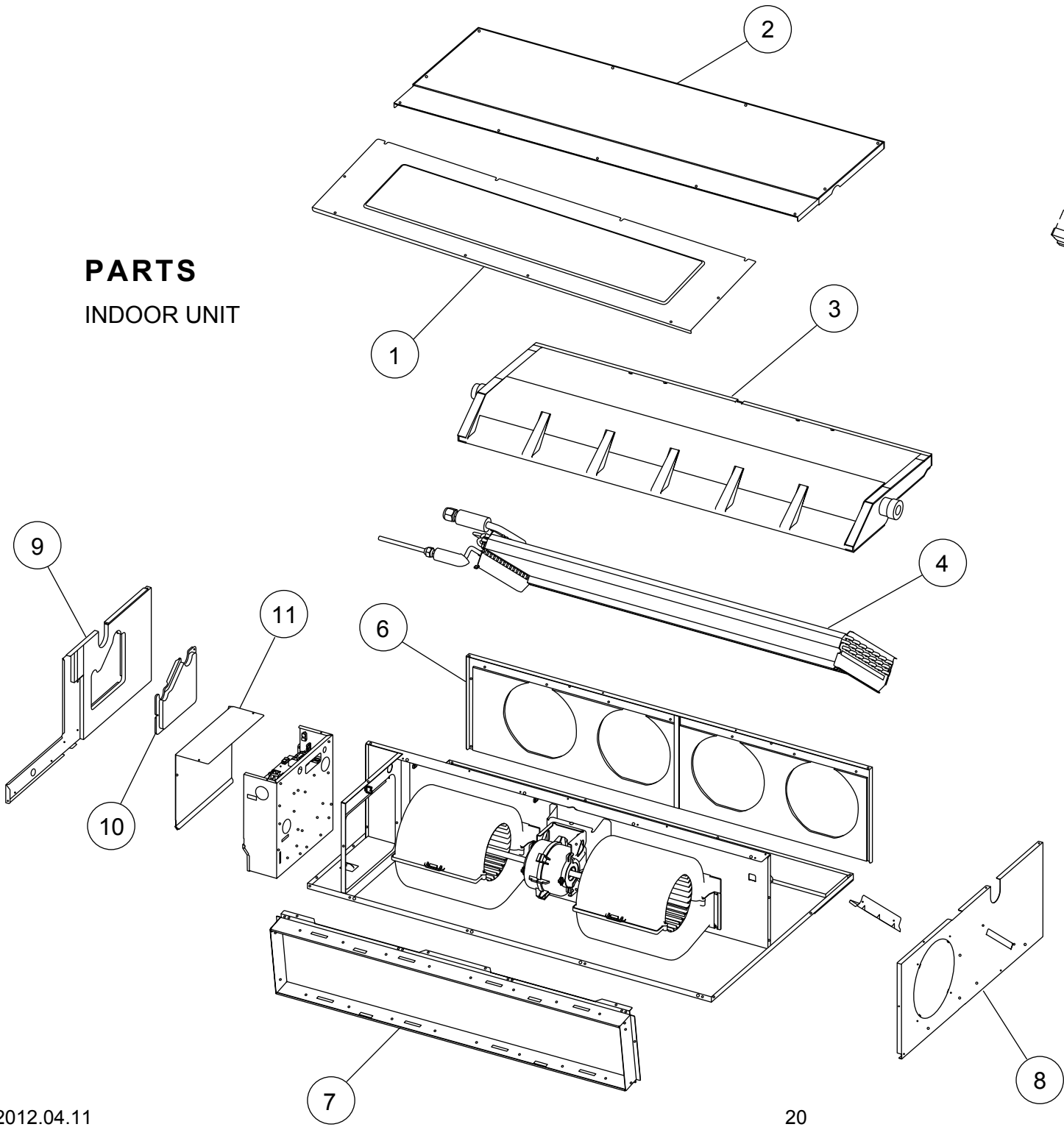
To start the pump down again after the compressor is automatically stopped due to an error, turn the power off and open the 3-way valves. Wait 3 minutes, turn the power on and start the pump down again.

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.

1. Preparation for pump down

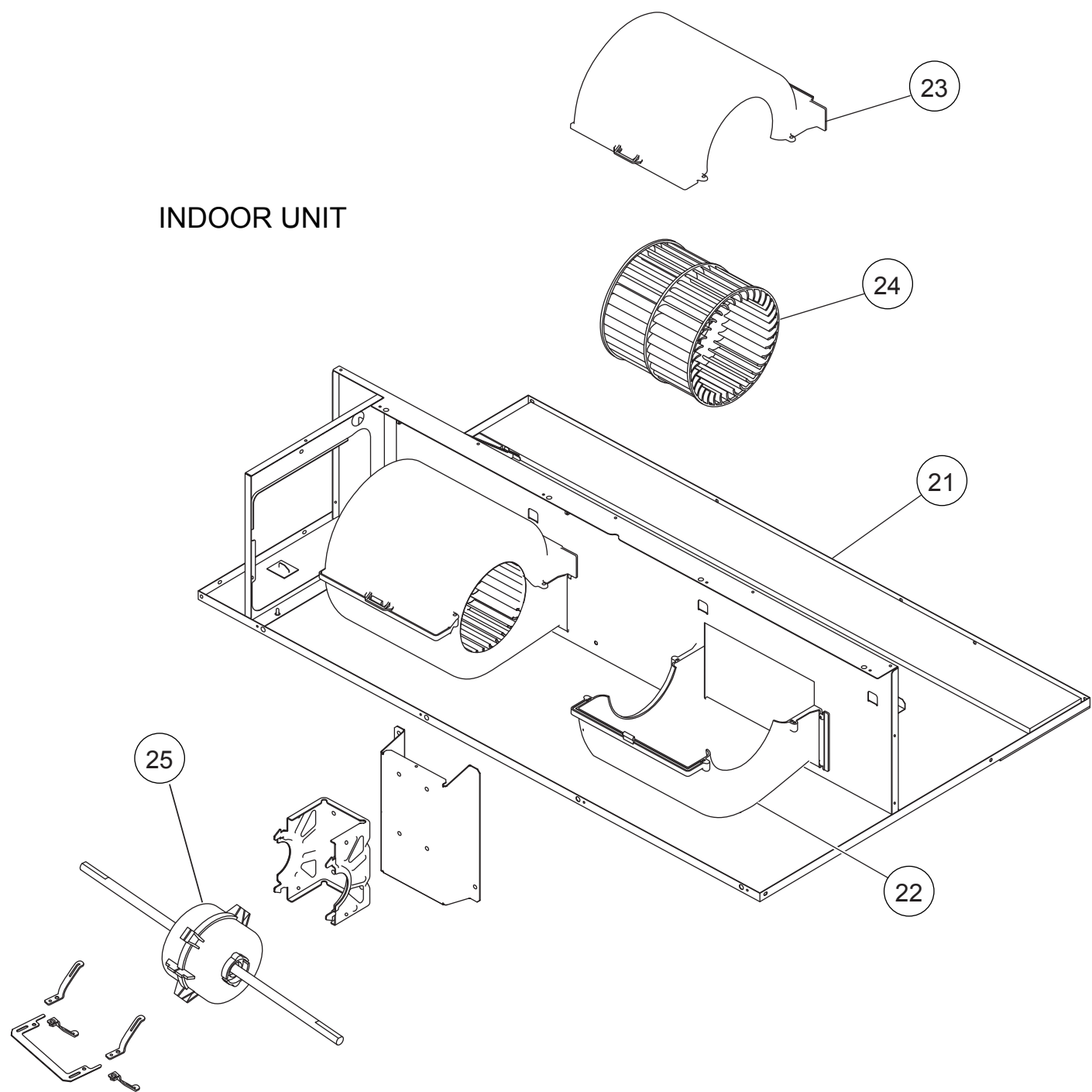
Confirm that the power is off, and then open the service panel.

PARTS INDOOR UNIT



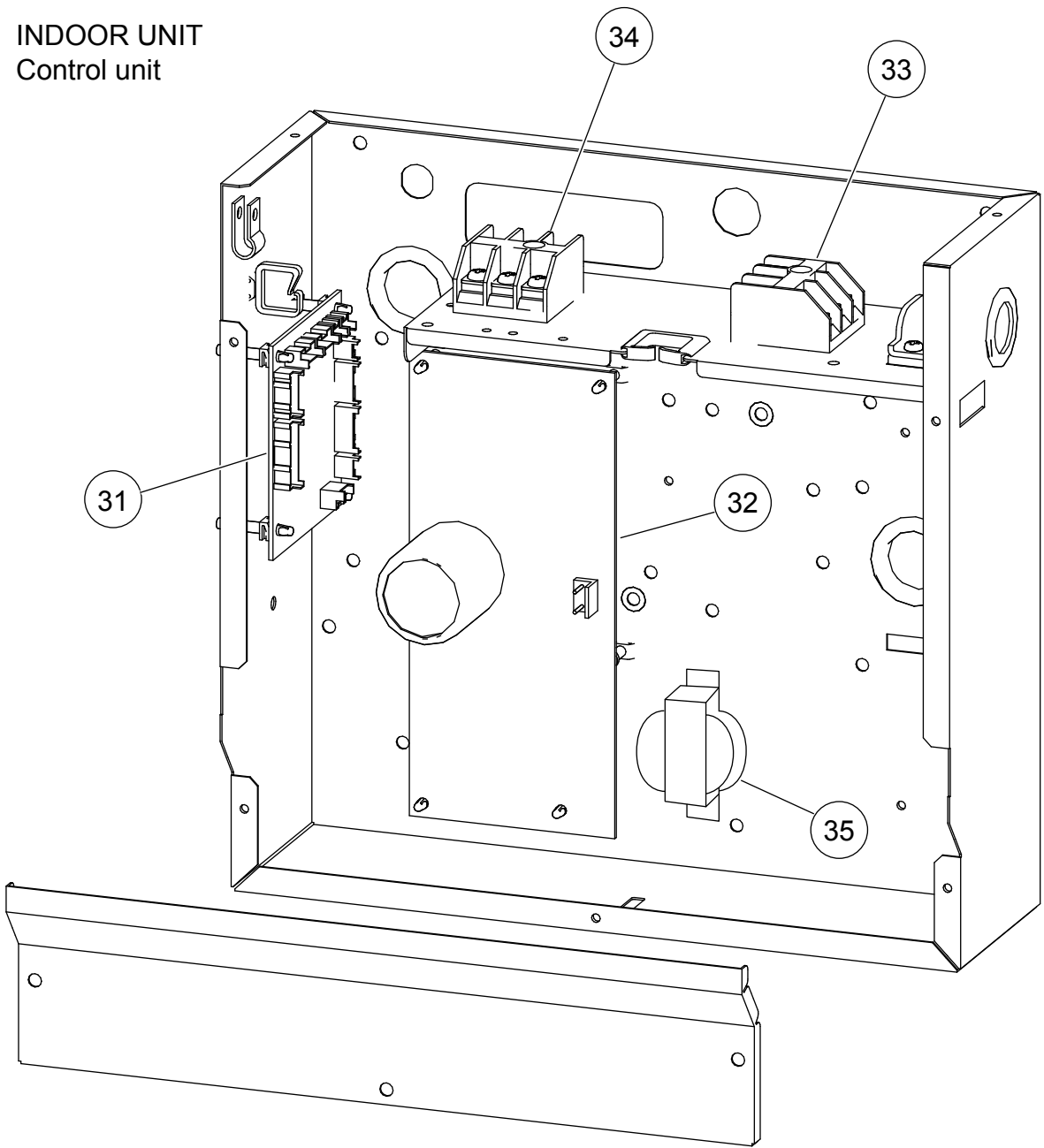
Ref.	Description	Part number	
1	Intake Cover Sub Assy	9374512010	
2	Main Panel Sub Assy	9374511013	
3	Drain Pan Sub Assy	9374513017	
4	Evaporator Total Assy	9374517251	
5	Seal Panel Sub Assy	9374515011	
6	Outlet Panel Sub Assy	9374510016	
7	Intake Frame Assy	9374216017	
8	Cabinet L Sub Assy	9374509010	
9	Cabinet R Sub Assy	9374508020	
10	Bracket Pipe Sub Assy	9374514014	
11	Control Cover A Sub Assy	9374516025	

INDOOR UNIT

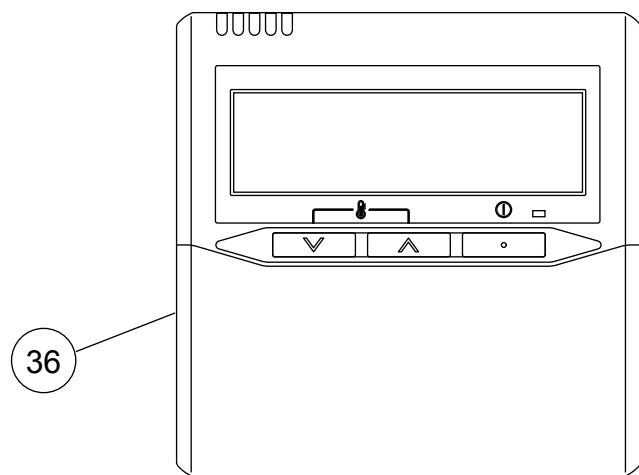


Ref.	Description	Part number	
21	Base Sub Assy	9374504015	
22	Casing A	9374233014	
23	Casing B	9374234011	
24	Sirocco Fan Assy	9356531046	
25	Fan Motor	9603213015	
--	Panel (Control Box)	9374210015	

INDOOR UNIT
Control unit

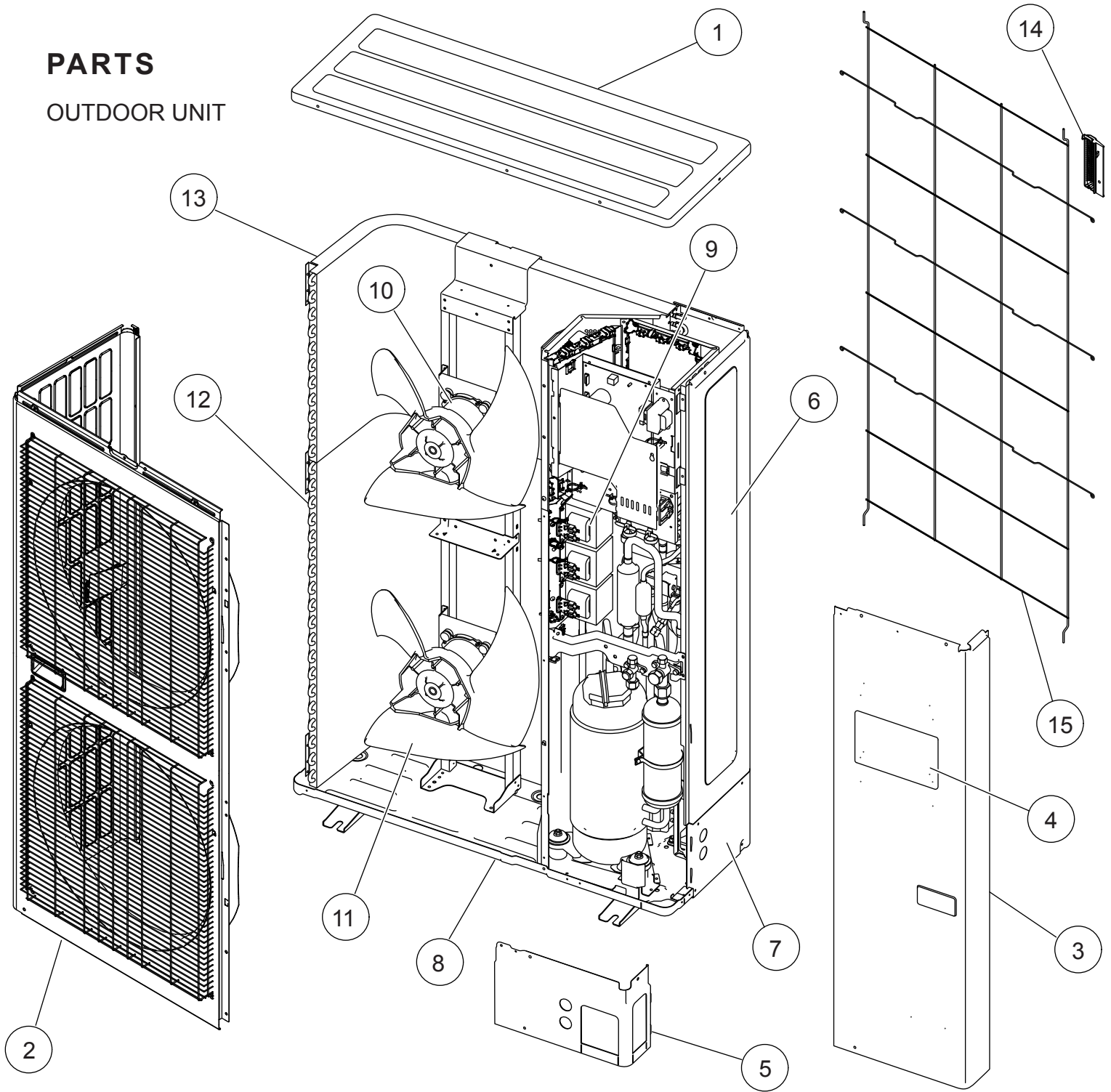


Ref.	Description	Part number	
31	Main PCB (36)	9709245330	
31	Main PCB (45)	9709245347	
32	Power Supply PCB	9707398359	
33	Terminal 3P	9703345012	
34	Terminal 3P	9306489045	
35	Reactor Assy	9707457018	
36	Remote Control	9318593013	
--	Room Thermistor	9703299025	
--	Pipe Thermistor	9703297021	



PARTS

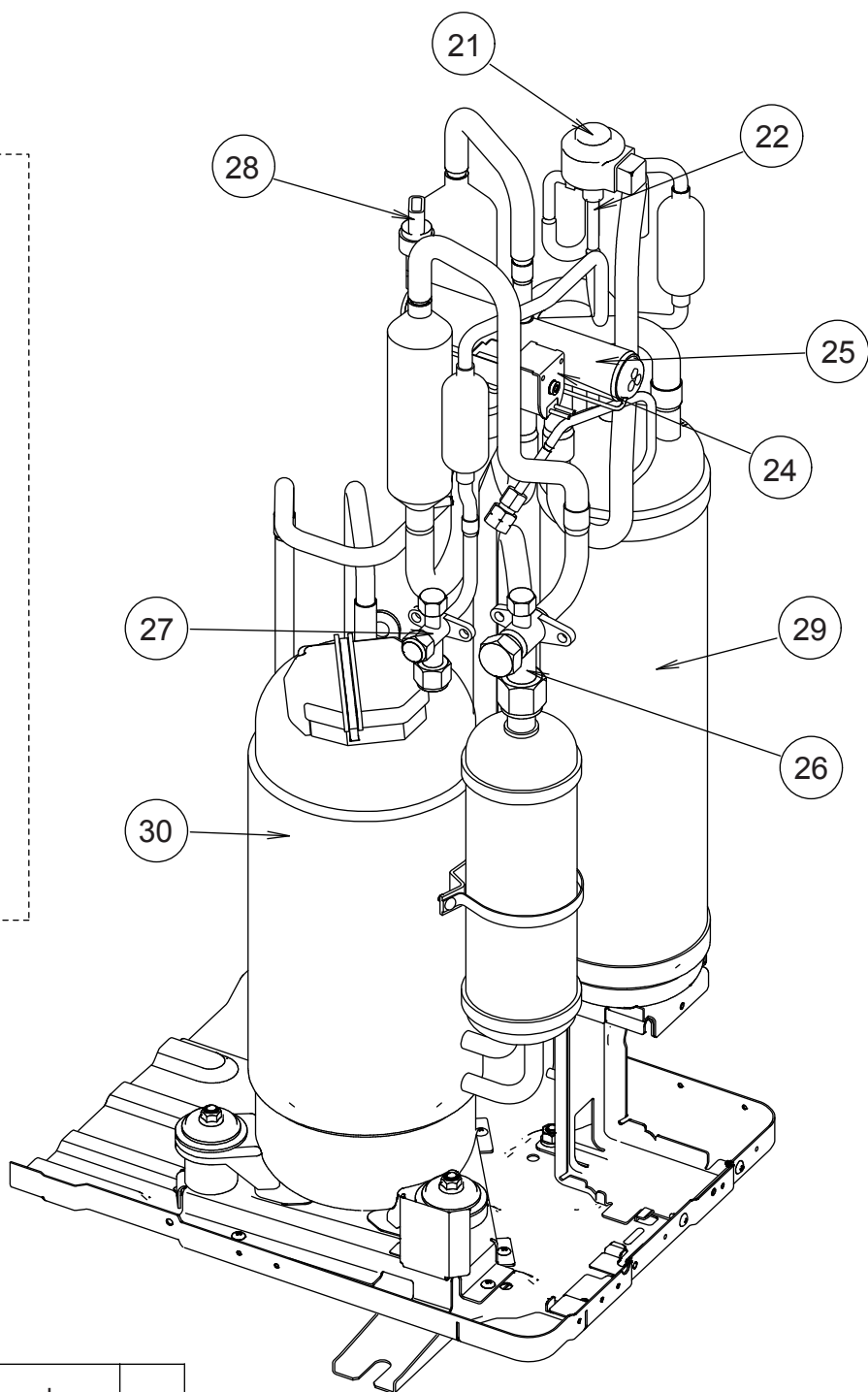
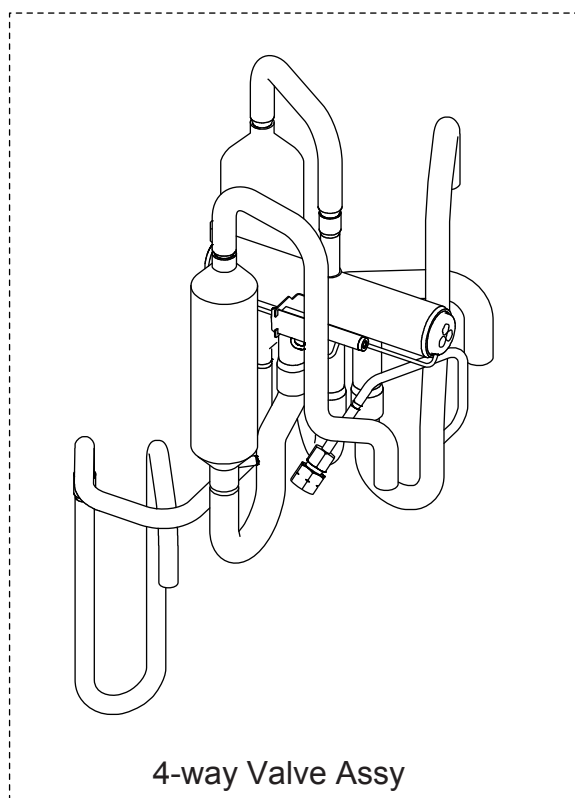
OUTDOOR UNIT



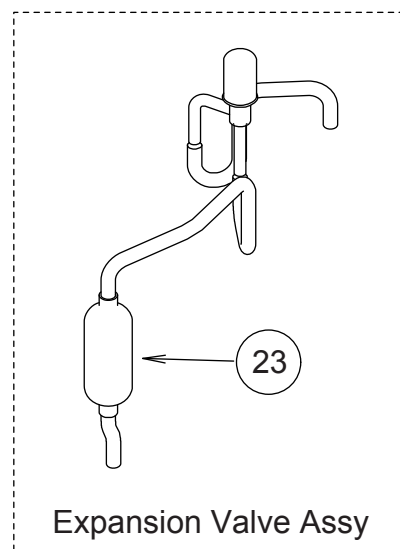
Ref.	Description	Parts number	
1	Top Panel Sub Assy	9374417032	
2	Front Panel Sub Assy	9374414130	
3	Service Panel Sub Assy	9374415076	
4	Emblem Rear	9351355005	
5	Pipe Cover Front	9378861015	
6	Right Panel	9378863019	
7	Pipe Cover Rear	9378862012	
8	Base Assy	9374166220	

Ref.	Description	Parts number	
9	Reactor Assy	9900641016	
10	Motor, DC Brushless	9602843046	
11	Propeller Fan Assy	9366378020	
12	Condenser A Sub Assy	9374420261	
13	Condenser B Sub Assy	9374422081	
14	Thermo Holder	9375211011	
15	Protective Net	9375381042	

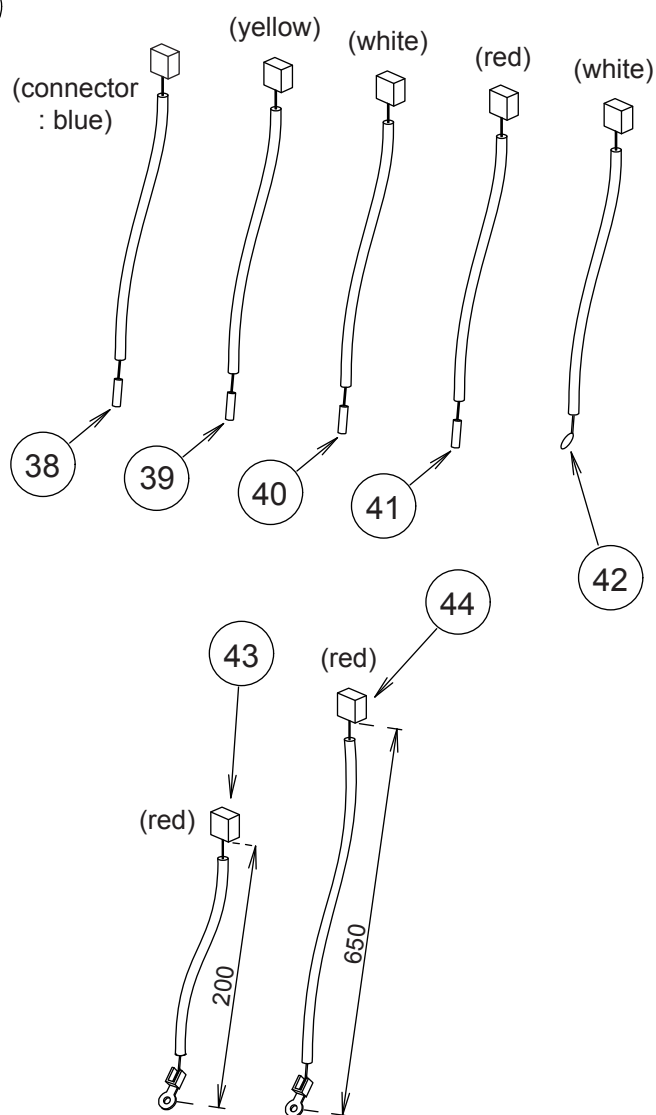
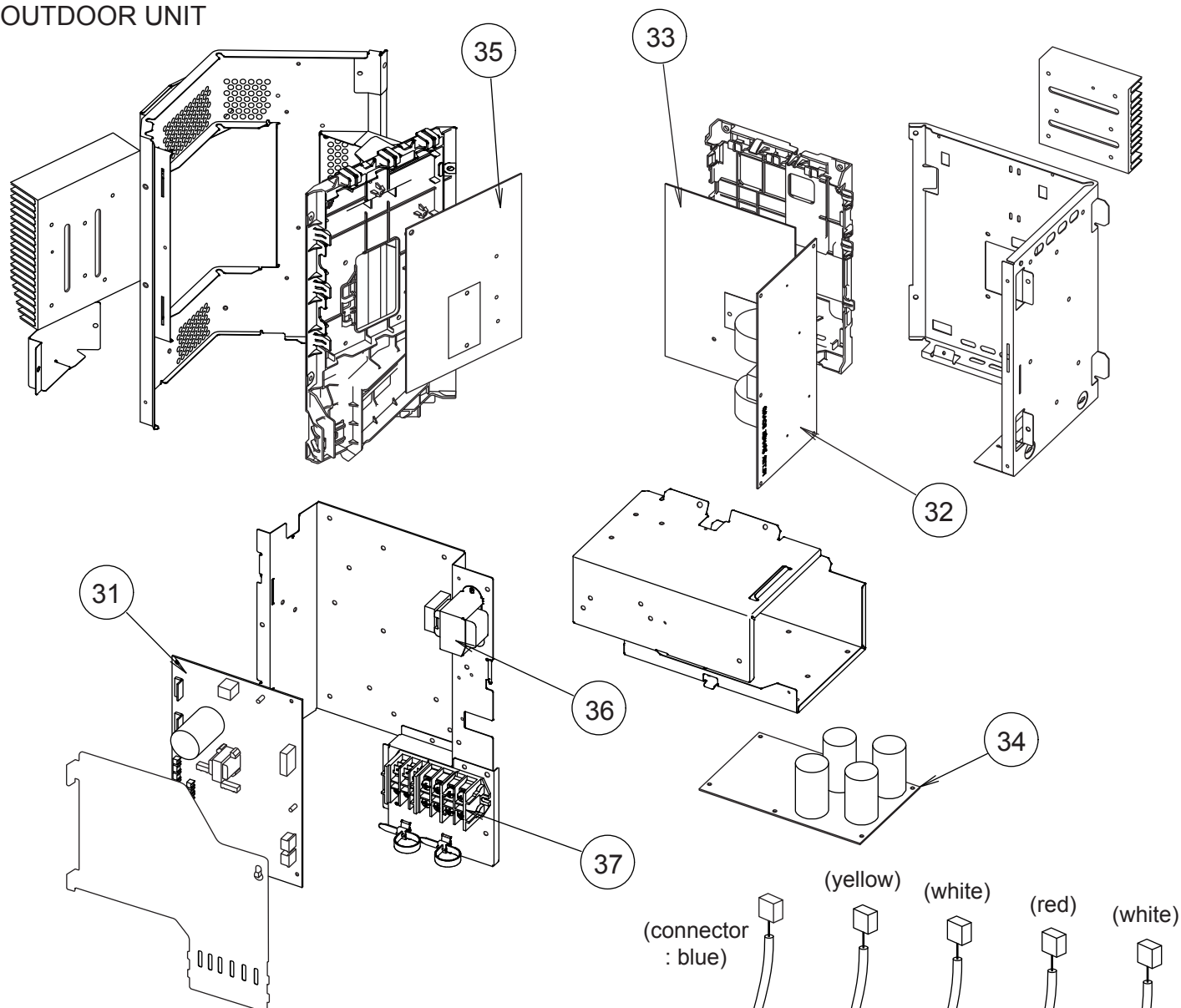
OUTDOOR UNIT



Ref.	Description	Parts number	
21	Expansion Valve Coil	9900190057	
22	Expansion Valve Assy	9370947182	
23	Strainer Assy	9372524039	
24	Solenoid	9970113024	
25	4-way Valve Assy	9374425273	
26	3-way Valve Assy	9379079006	
27	3-way Valve Assy	9379077002	
28	Sensor	9900505011	
29	Accumulator Assy	9375250096	
30	Compressor Sub Assy	9374423286	



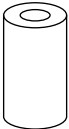
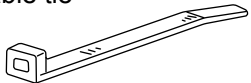
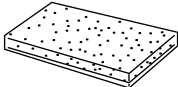
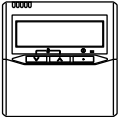
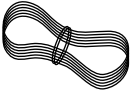
OUTDOOR UNIT



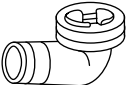
Ref.	Description	Parts number
31	Main PCB (36)	9707627091
31	Main PCB (45)	9707627077
32	Filter PCB	9707609011
33	Active Filter PCB	9709008010
34	Capacitor PCB	9707608014
35	Transistor PCB	9709010020
36	Reactor Assy	9900481018
37	Terminal	9900428082
38	Compressor Thermistor	9900516000
39	Discharge Thermistor	9900515003
40	Thermistor (Heat Exchanger Mid)	9900513009
41	Thermistor (Heat Exchanger Out)	9900514006
42	Outdoor Thermistor	9900517007
43	Heatsink Thermistor (Inverter)	9900518011
44	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 (gas pipe)	9378173569
Coupler heat insulation (small) 	1	For indoor side pipe joint (liquid pipe)	9378173521
Cable tie 	(large) 1	For fixing the drain hose	312300787605
	(small) 1	Fixing the remote cord	313361275805
Drain hose insulation 	1	Insulates the drain hose and vinyl hose	313806217708
Remote control 	1	For air conditioner operation	9318593013
Remote control cord 	1	For connecting the remote control	9372714010
Tapping 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
One-touch bush 	2	For power supply cable and connection cable installation	9378779013

OPTIONAL PARTS

Parts name	Model No.	Application
Wired remote control	UTY-RNNYM	For air conditioner operation
Simple remote control	UTY-RSNYM	For air conditioner operation
Remote sensor unit	UTY-XSZX	Room temperature sensor
External connect kit	UTD-ECS5A	For control input/output port
Square flange	UTD-SF045T	
Round flange	UTD-RF204	
Long-life filter	UTD-LF25NA	
Drain pump unit	UTZ-PX1NBA	

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