FUJITSU

SPLIT TYPE
AIR CONDITIONER
DUCT TYPE (50Hz)

SERVICE MANUAL

Indoor unit	Outdoor unit
ARYA45LCTU	AOYA45LCTL

Refrigerant R410A

CONTENTS

FUJITSU GENERAL LIMITED

SPECIFICATIONS

ELECTRICAL DATA

TYPE		Cooling & Heating
INDOOR UNIT		ARYA45LCTU
OUTDOOR UNIT		AOYA45LCTL
COOLING CAPACITY		12.5 kW
HEATING CAPACITY		14.0 kW
POWER SOURCE		230 V 50 Hz
RUNNING CURRENT	Cooling	16.9 A
	Heating	16.5 A
INPUT WATTS	Cooling	3.88 kW
	Heating	3.77 kW
E.E.R.	Cooling	3.22 kW/kW
	Heating	3.71 kW/kW
MOISTURE REMOVAL		4.5 L/hr
AIRCIRCULATION, Indoor		1,900 m3/hr
AIRCIRCULATION Outdoor	Cooling	6,750 m3/hr
	Heating	6,200 m3/hr
MAXIMUM CURRENT, Cooling		20.5 A
MAXIMUM CURRENT, Heating		20.5 A

FAN MOTOR

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

NOISE LEVEL

INDOOR UNIT	High	42 dB
	Medium	38 dB
	Low	32 dB
	Quiet	28 dB
OUTDOOR UNIT	Cooling	55 dB
	Heating	55 dB

COMPRESSOR AND REFRIGERANT

TYPE		Hermetic type, Inverter, 6 poles, 3 phase, DC motor, Twin Rotary
DISCRIMINATION		N-TF30HD1A
WEIGHT (with oil)		15.4 kg
REFRIGERANT TYPE		R410A
PRECHARGED REFRIGERANT		3,350 g
MAX PIPE LENGTH		50 m
MAX PIPE HEIGHT		30 m
FULL CHARGE Pipe length	20 m	3,350 g
	30 m	3,750 g
	40 m	4,150 g
	50 m	4,550 g
ADDITIONAL CHARGE		40 g/m
MAX PIPE HEIGHT		30 m

DIMENSIONS

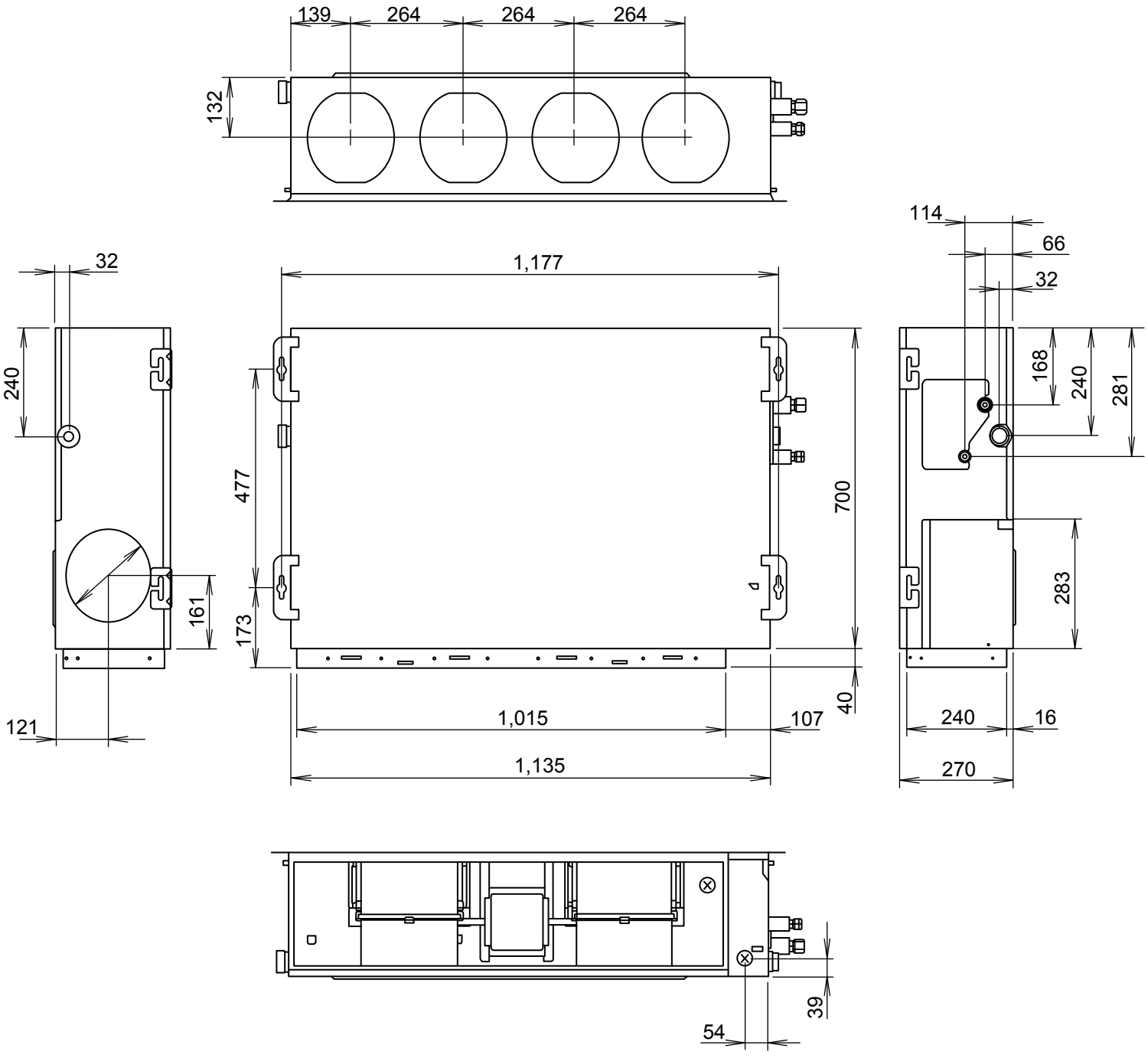
INDOOR UNIT H x W x D	270 x 1,135 x 700 mm
OUTDOOR UNIT H x W x D	1,290 x 900 x 330 mm

WEIGHT

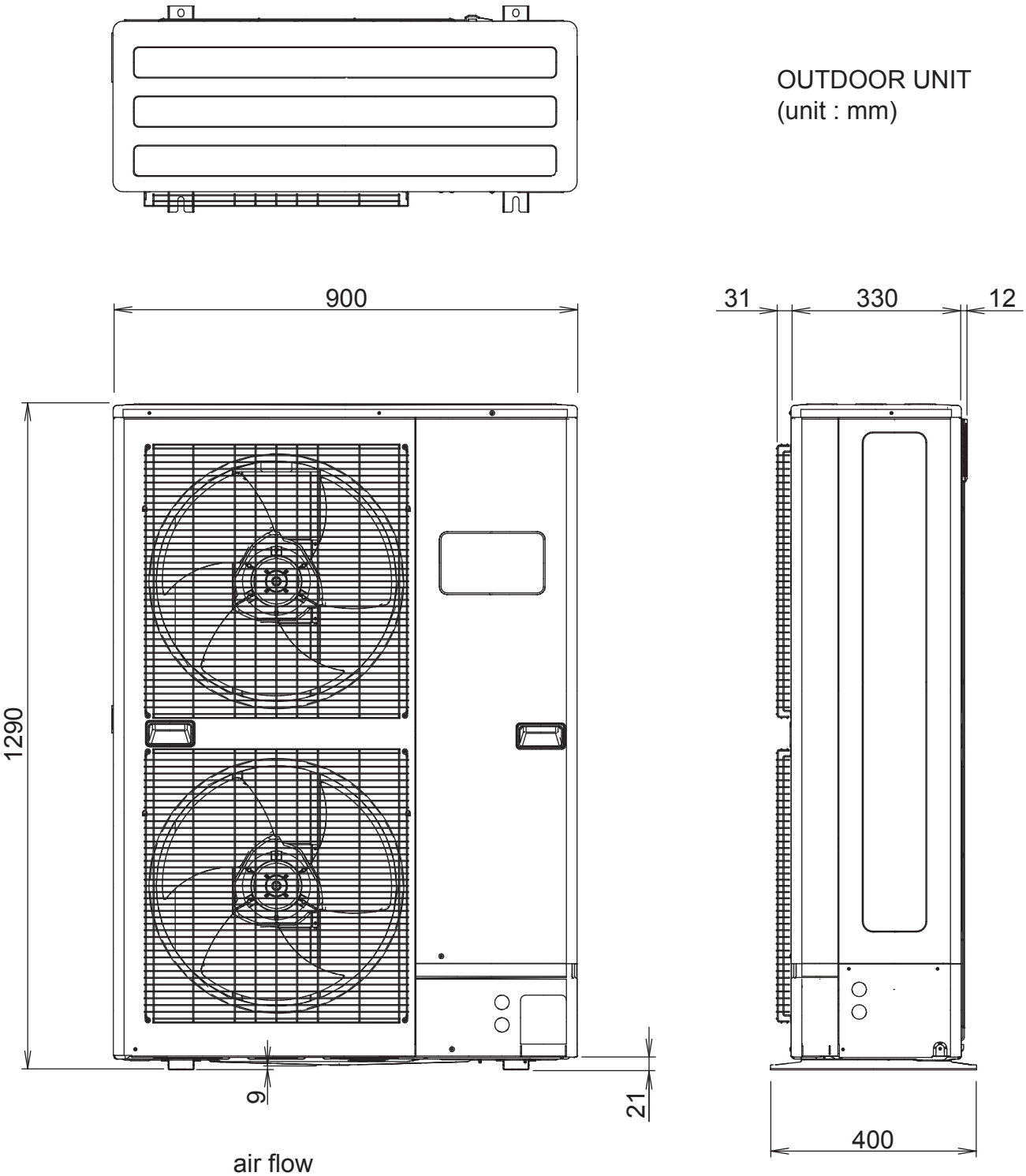
INDOOR UNIT Shipping / Net	48 kg / 40 kg
OUTDOOR UNIT Shipping / Net	94 kg / 86 kg

DIMENSIONS

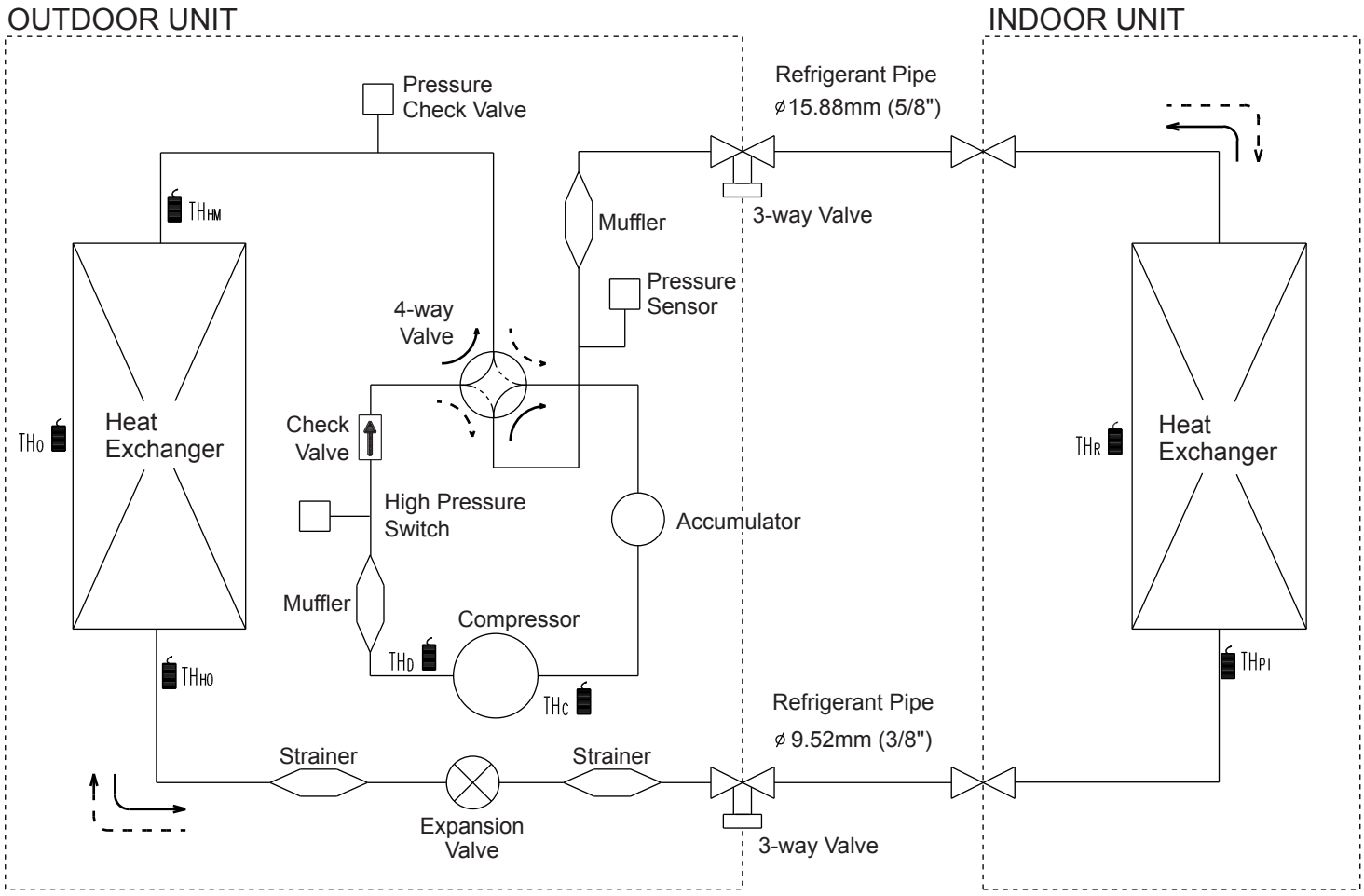
INDOOR UNIT
(Unit : mm)



OUTDOOR UNIT
(unit : mm)



REFRIGERANT SYSTEM DIAGRAM



Refrigerant direction

Cool

Heat

THC : Thermistor (Compressor)

THD : Thermistor (Discharge)

THHM : Thermistor (Heat Exchanger Med)

THHO : Thermistor (Heat Exchanger Out)

THO : Thermistor (Outdoor)

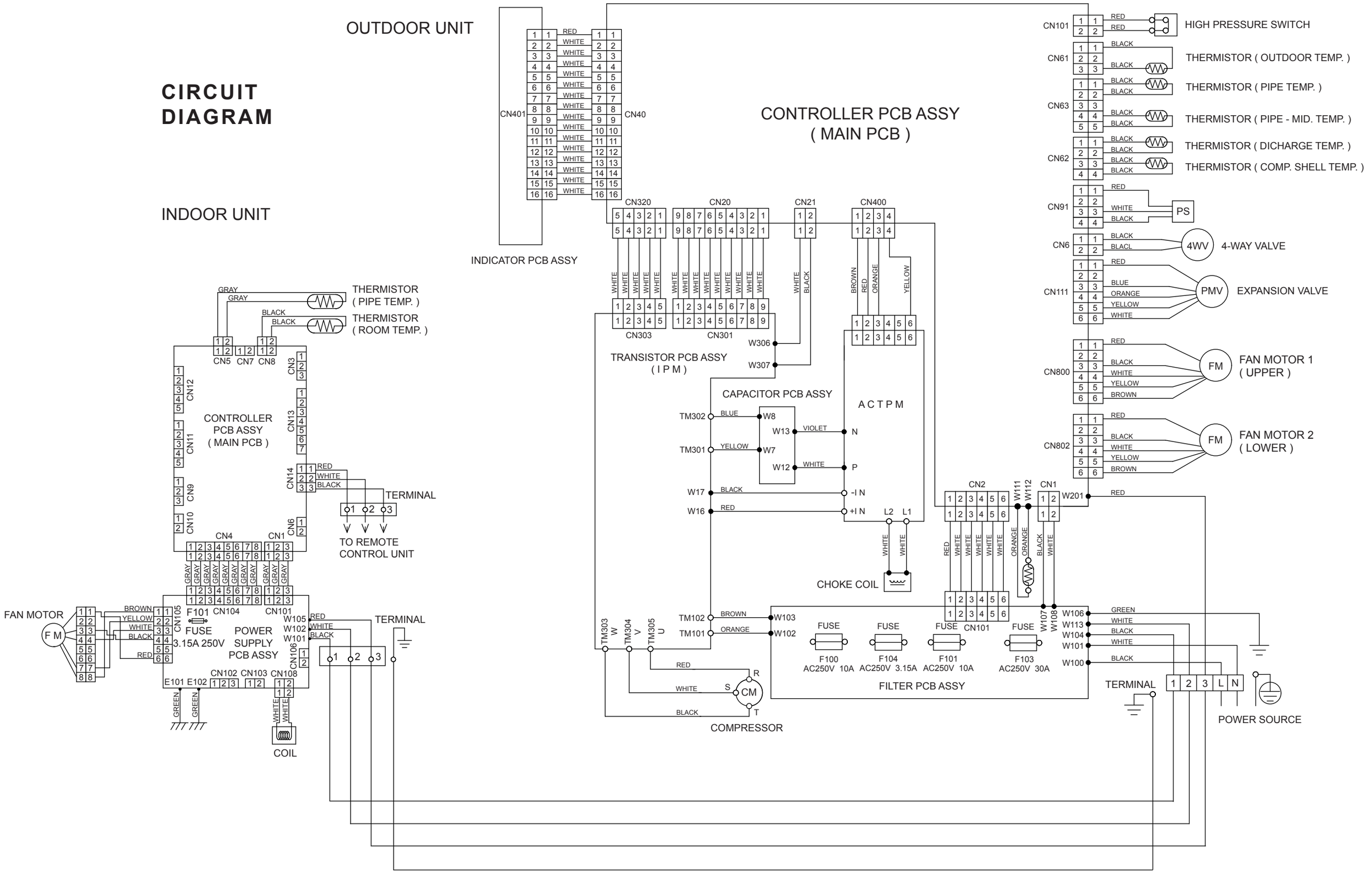
THR : Thermistor (Room)

THPI : Thermistor (Pipe)

CIRCUIT DIAGRAM

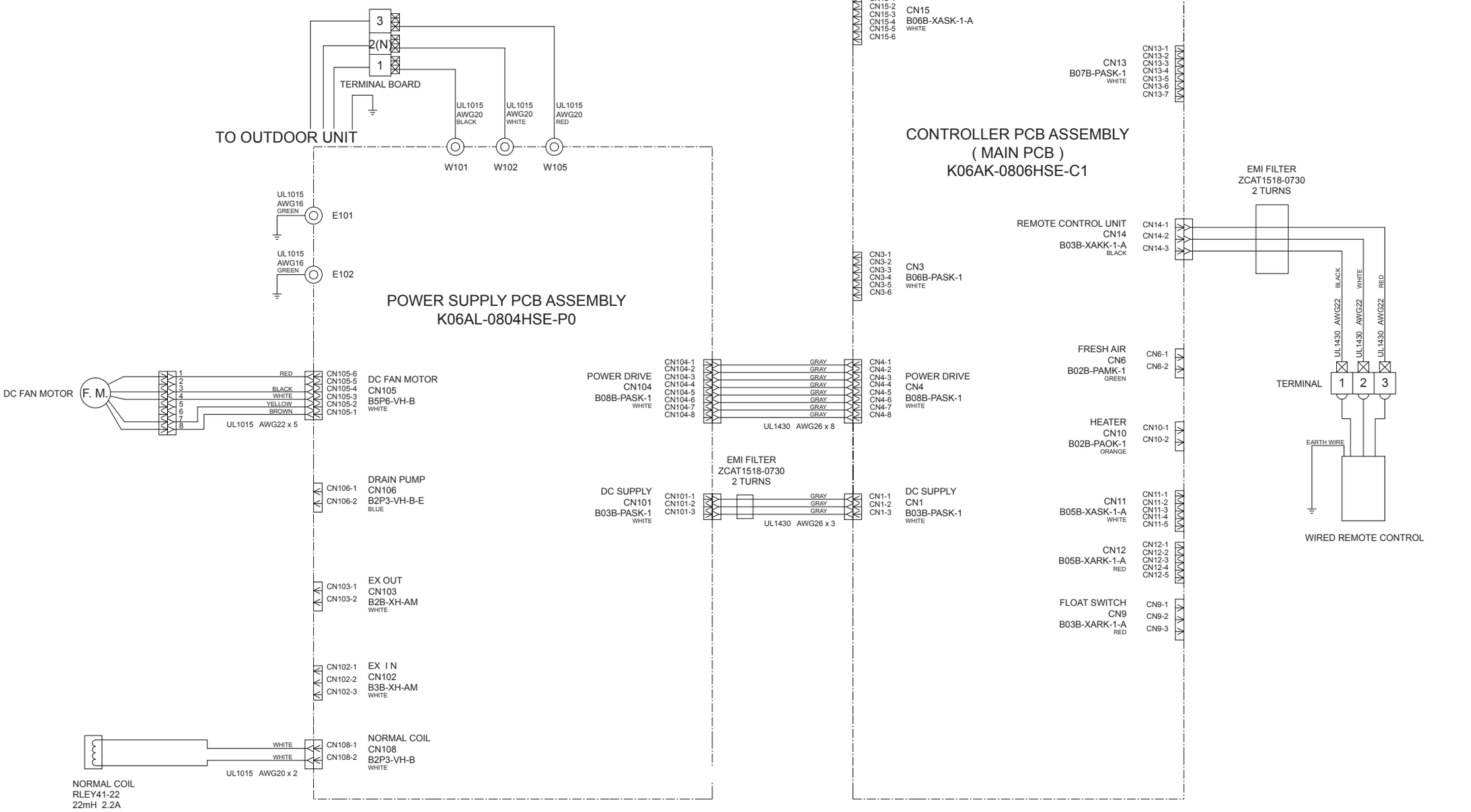
OUTDOOR UNIT

INDOOR UNIT

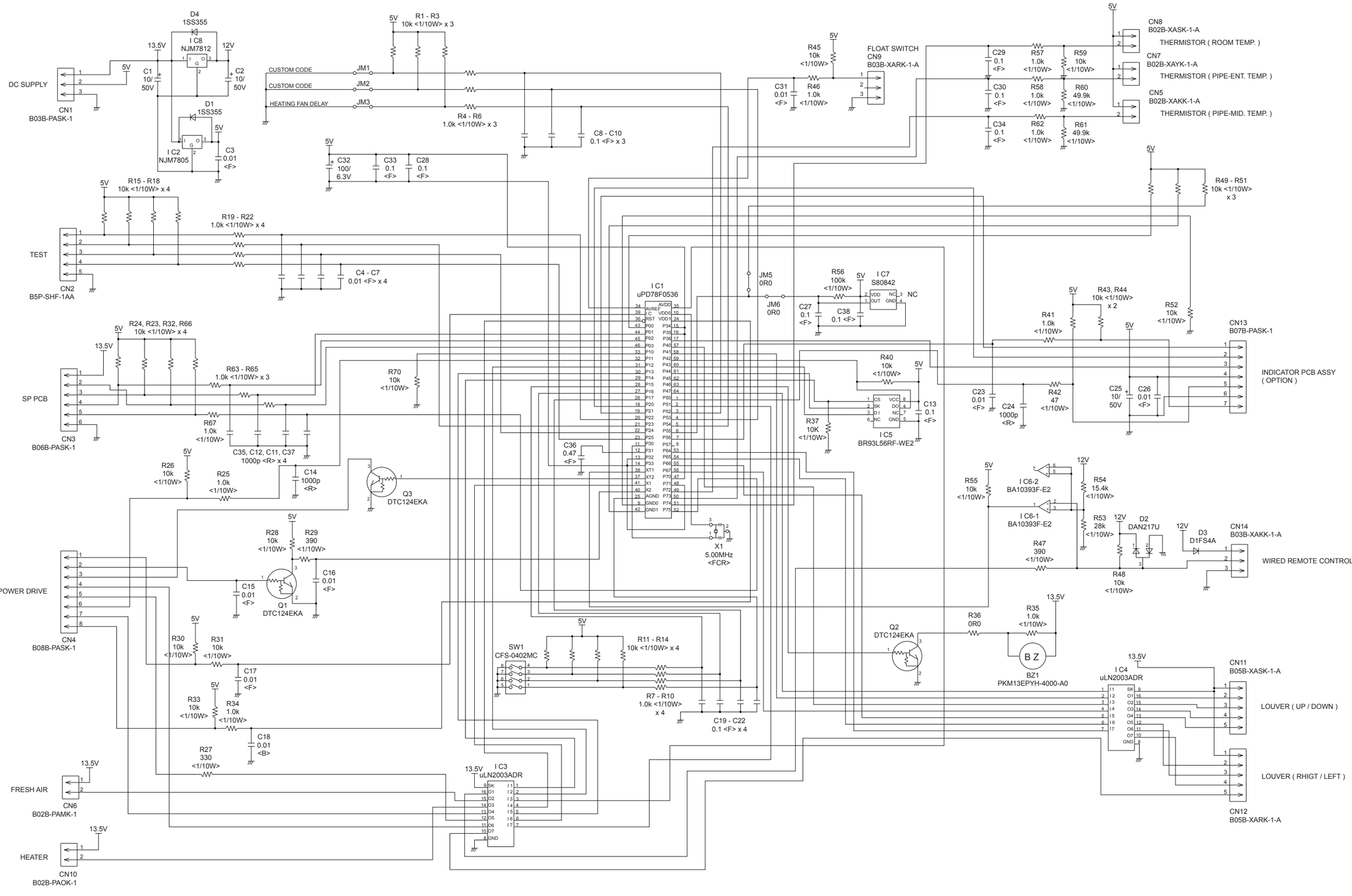


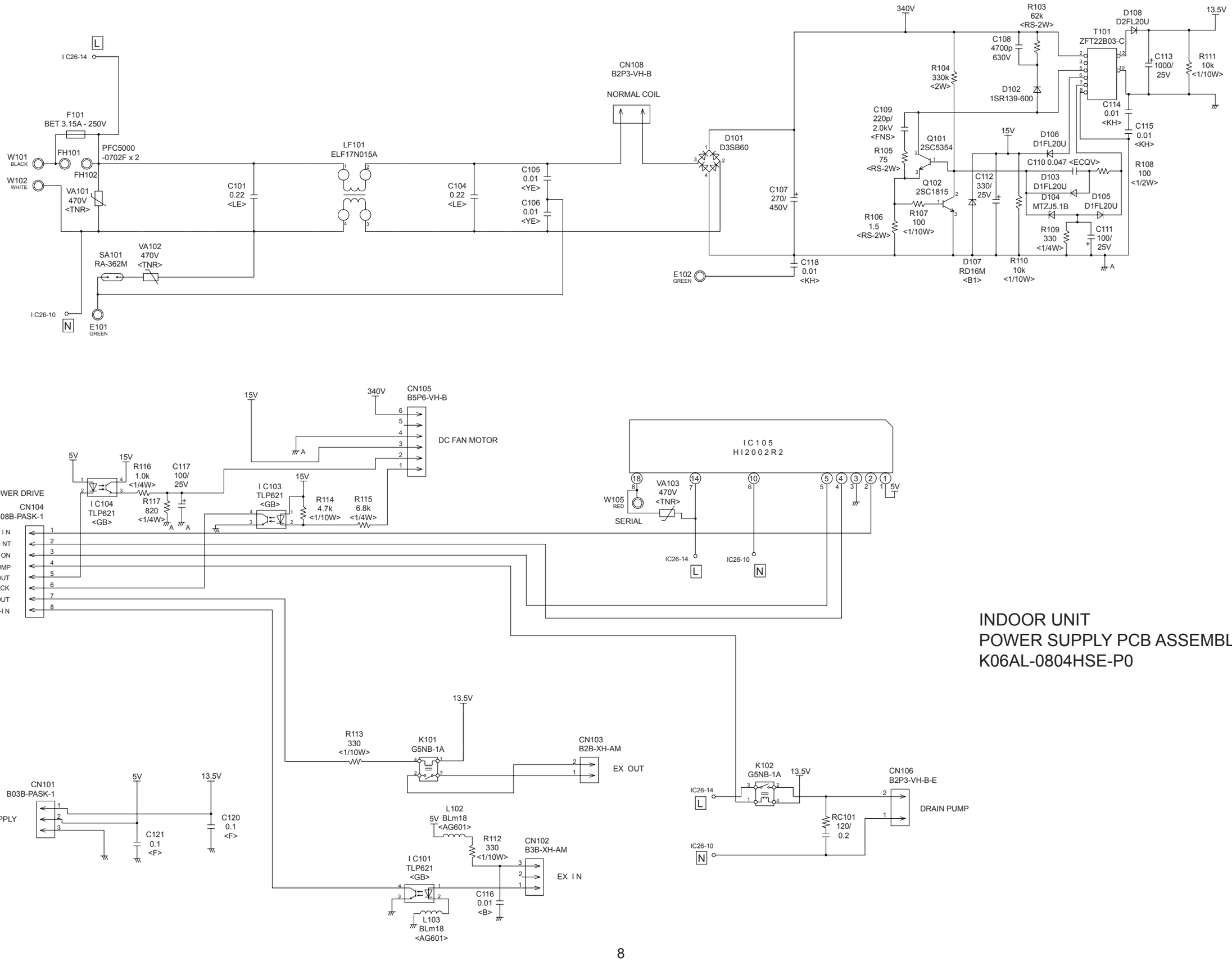
INDOOR PCB
CIRCUIT DIAGRAM

CONTROL UNIT
EZ-0080GHSE



INDOOR UNIT
CONTROLLER PCB ASSEMBLY
(MAIN PCB)
K06AK-0806HSE-C1

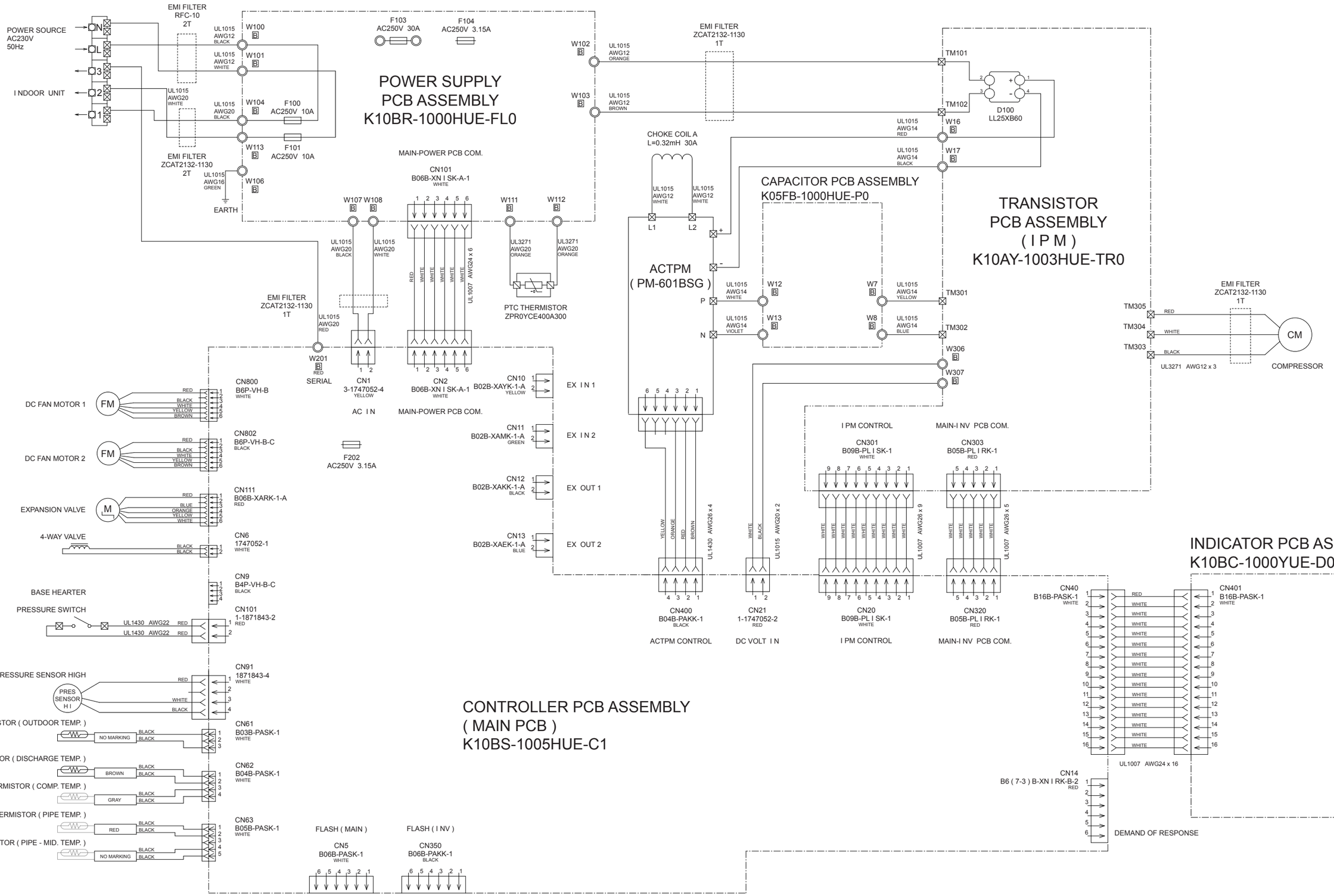




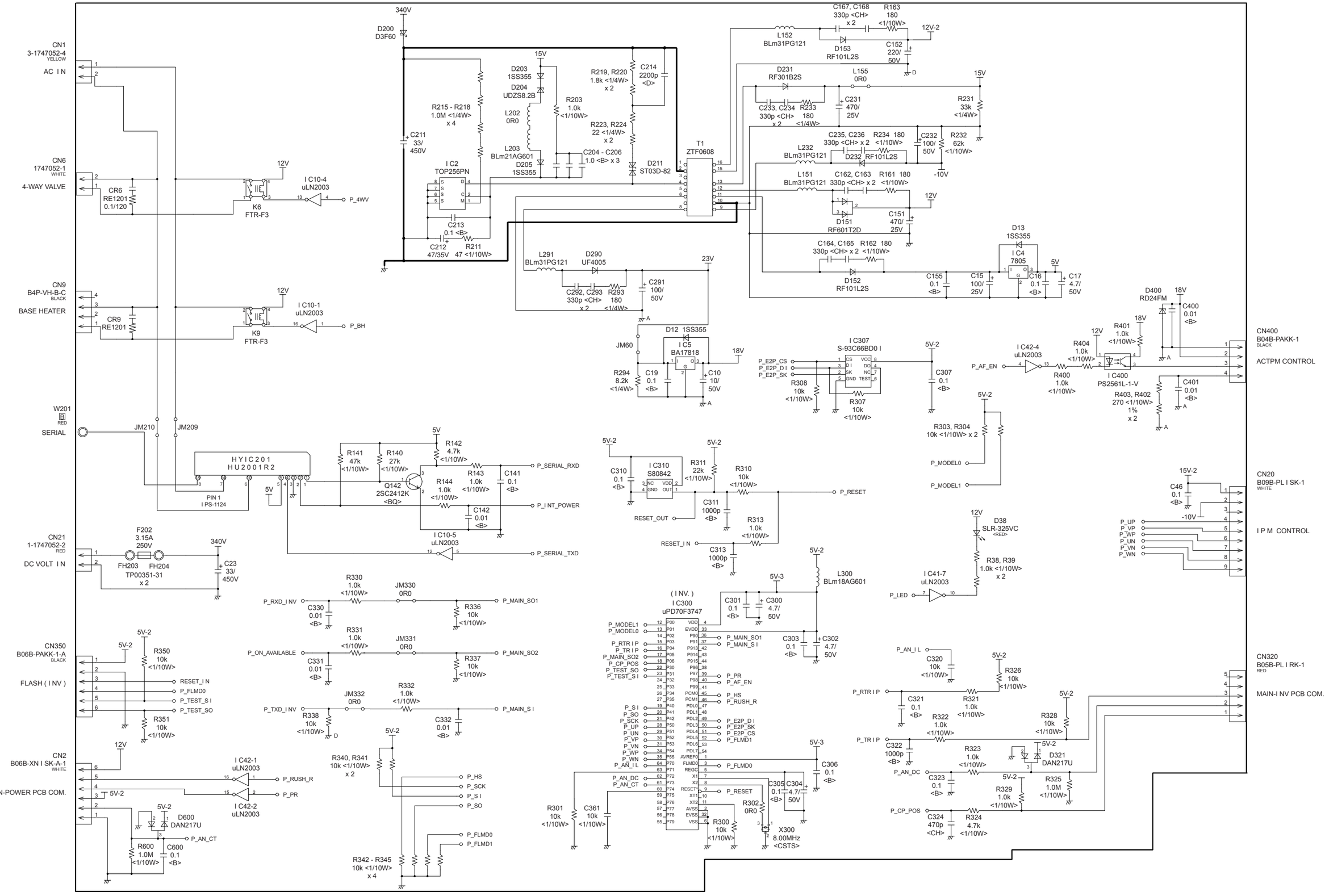
INDOOR UNIT
POWER SUPPLY PCB ASSEMBLY
K06AL-0804HSE-P0

OUTDOOR PCB CIRCUIT DIAGRAM

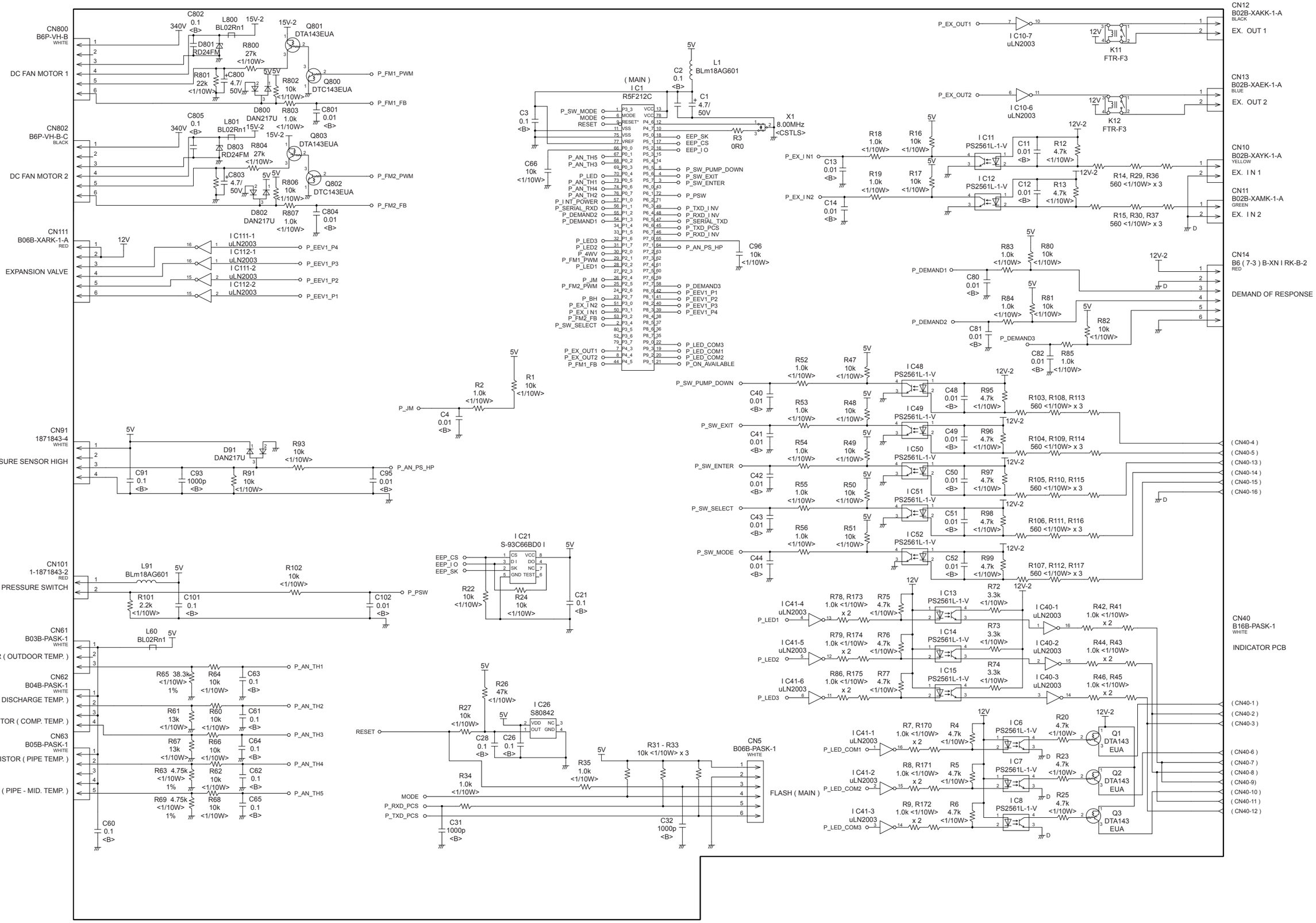
INVERTER ASSEMBLY
EZ-0101SHUE



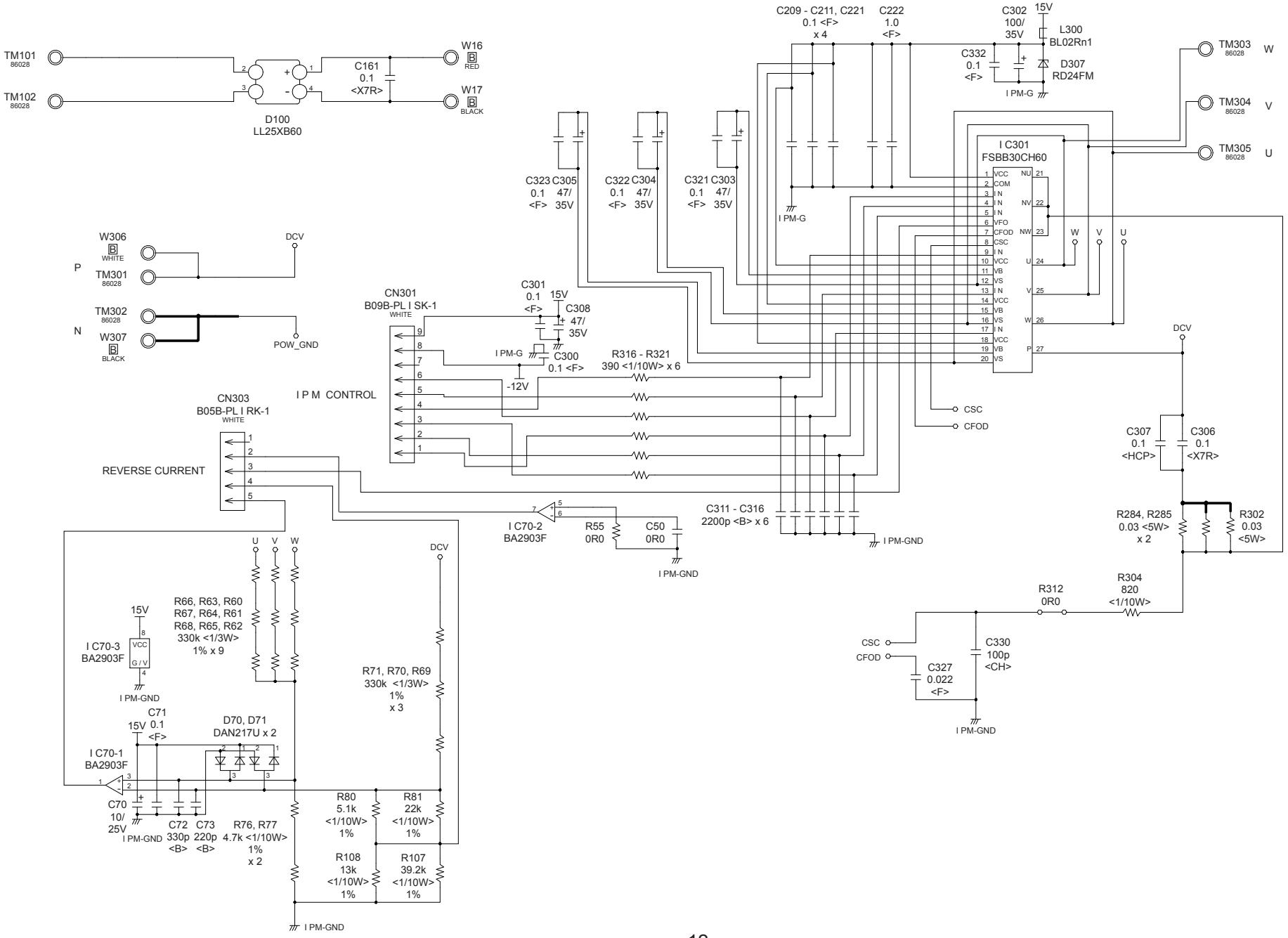
OUTDOOR UNIT
CONTROLLER PCB ASSEMBLY (MAIN PCB) - 1
K10BS-1005HUE-C1



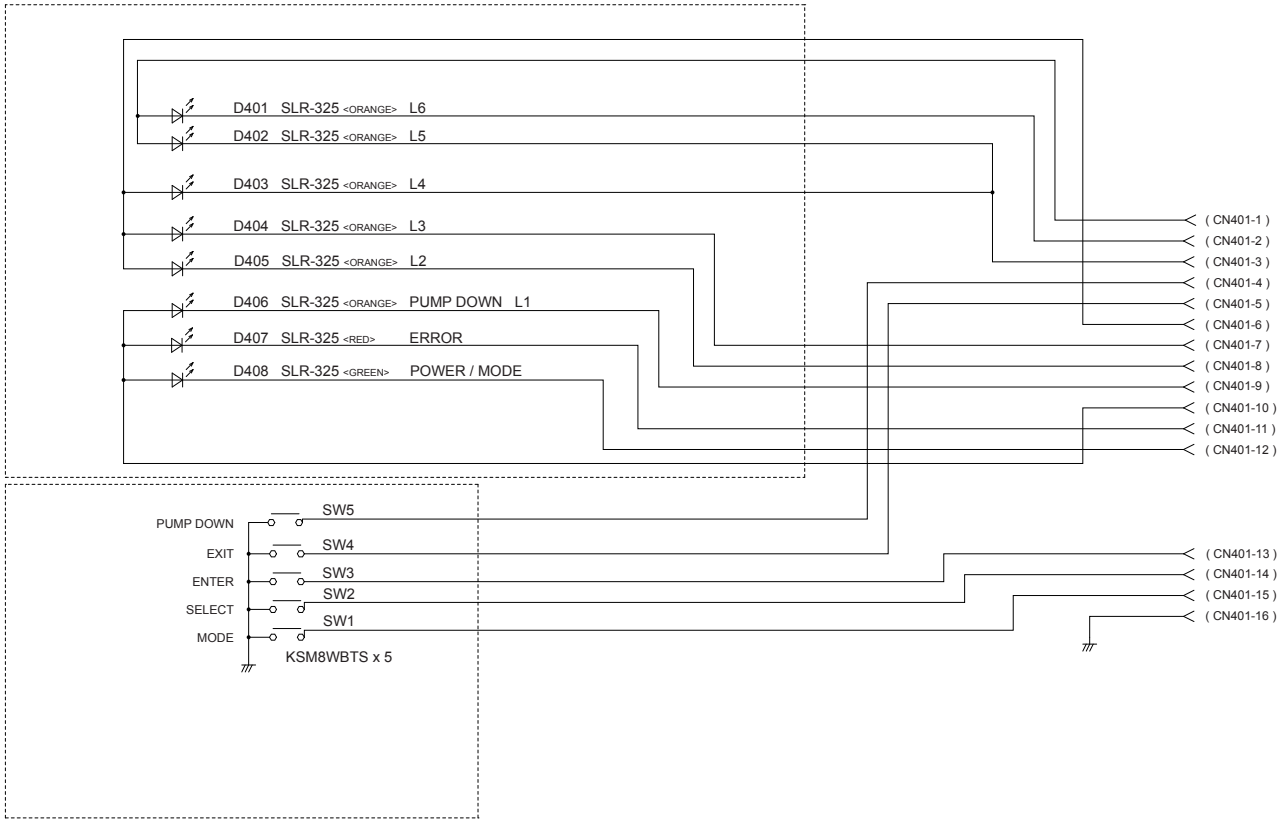
OUTDOOR UNIT
CONTROLLER PCB ASSEMBLY (MAIN PCB) - 2
K10BS-1005HUE-C1



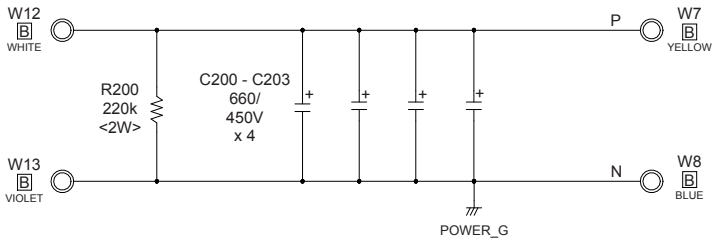
OUTDOOR UNIT
TRANSISTOR PCB ASSEMBLY (I P M)
K10AY-1003HUE-TR0



OUTDOOR UNIT
INDICATOR PCB ASSEMBLY
K10BC-1000YUE-D0



OUTDOOR UNIT
CAPACITOR PCB ASSEMBLY
K05FB-1000HUE-P0



ERROR DETECTION

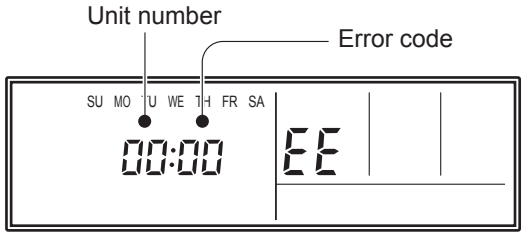
REMOTE CONTROL

Troubleshooting at the remote control

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

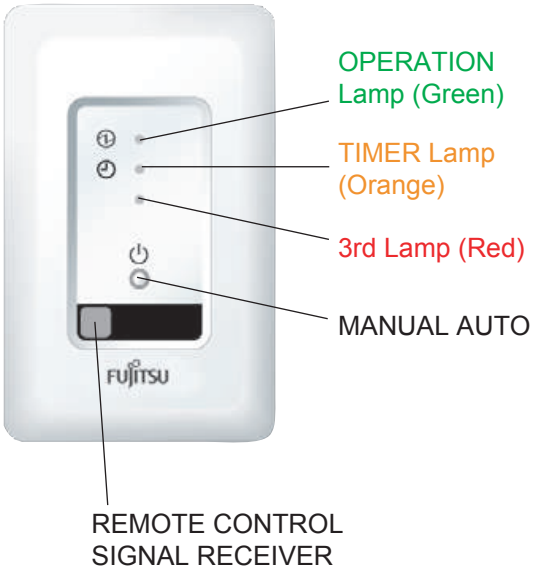
If "CO" appears in the unit number display, there is a remote control error.
Refer to the installation instruction sheet included with the remote control.

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.

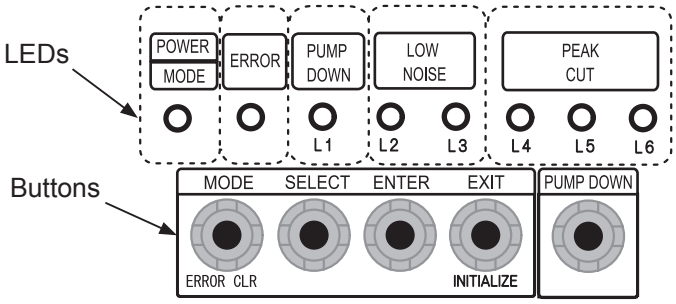


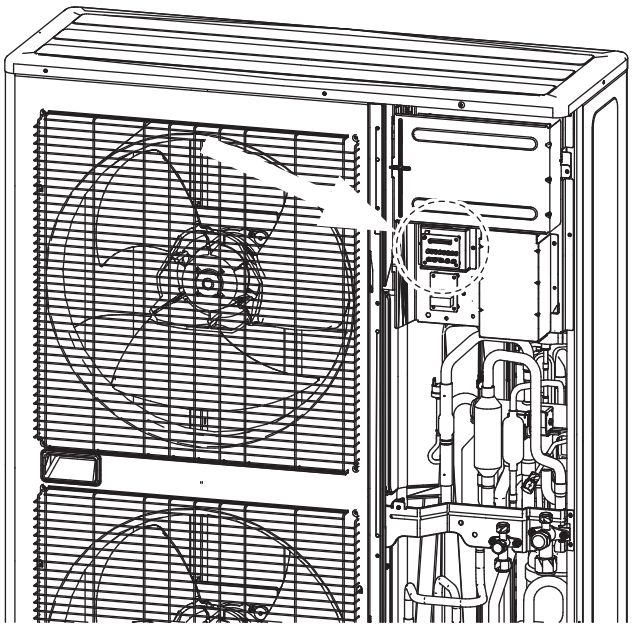
Lamps show error contents by flashing as follows.

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 excahnger 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 excahnger 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
Indicator PCB





ERROR DETECTION

Display when an error occurs.

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
On	Blink (Hi speed)	Off	Off	Off	Off	Off	Off

Check that the “ERROR” LED blinks, then press the [Enter] button once.
For details, refer to the following table.

DESCRIPTION	REMARK	LED display							
		POWER MODE	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
				(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
Serial communication error	Serial forward transmission error immediately after operation	Blink (2 times)	On	Blink (1 time)	Blink (1 time)	Off	Off	On	On
	Serial forward transmission error during operation	Blink (2 times)	On	Blink (1 time)	Blink (1 time)	Off	On	Off	Off
Indoor unit capacity error	Indoor unit capacity error	Blink (2 times)	On	Blink (2 times)	Blink (2 times)	Off	Off	Off	On
Indoor unit error	Indoor unit error	Blink (2 times)	On	Blink (5 times)	Blink (15 times)	Off	Off	Off	On
Outdoor unit main PCB error	Outdoor unit PCB model information error	Blink (2 times)	On	Blink (6 times)	Blink (2 times)	Off	Off	Off	On
Inverter PCB error	Inverter error	Blink (2 times)	On	Blink (6 times)	Blink (3 times)	Off	Off	Off	On
IPM error	Trip terminal L error	Blink (2 times)	On	Blink (6 times)	Blink (5 times)	Off	Off	On	On
Discharge temp. sensor error	Discharge temp. sensor 1 error	Blink (2 times)	On	Blink (7 times)	Blink (1 time)	Off	Off	Off	On
Compressor temp. sensor error	Compressor temp. sensor 1 error	Blink (2 times)	On	Blink (7 times)	Blink (2 times)	Off	Off	Off	On
Outdoor unit Heat Ex. sensor error	Heat Ex. centre temp. sensor error	Blink (2 times)	On	Blink (7 times)	Blink (3 times)	Off	Off	On	Off
	Outdoor unit Heat Ex. liquid temp. sensor error	Blink (2 times)	On	Blink (7 times)	Blink (3 times)	Off	Off	On	On
Outdoor temp. sensor error	Outdoor temp. sensor error	Blink (2 times)	On	Blink (7 times)	Blink (4 times)	Off	Off	Off	On
Heat sink temp. sensor error	Heat sink temp. sensor error	Blink (2 times)	On	Blink (7 times)	Blink (7 times)	Off	Off	Off	On
Current sensor error	Current sensor 1 error (stoppage permanently)	Blink (2 times)	On	Blink (8 times)	Blink (4 times)	Off	Off	Off	On
Pressure sensor error	High pressure switch 1 error	Blink (2 times)	On	Blink (8 times)	Blink (6 times)	Off	On	Off	Off
	Pressure sensor error	Blink (2 times)	On	Blink (8 times)	Blink (6 times)	Off	On	On	Off
Trip detection	Trip detection	Blink (2 times)	On	Blink (9 times)	Blink (4 times)	Off	Off	Off	On
Compressor motor control error	Rotor position detection error (stoppage permanently)	Blink (2 times)	On	Blink (9 times)	Blink (5 times)	Off	Off	Off	On
Outdoor unit fan motor 1 error	Duty abnormal	Blink (2 times)	On	Blink (9 times)	Blink (7 times)	Off	Off	On	On
Outdoor unit fan motor 2 error	Duty abnormal	Blink (2 times)	On	Blink (9 times)	Blink (8 times)	Off	Off	On	On
4-way valve error	4-way valve error	Blink (2 times)	On	Blink (9 times)	Blink (9 times)	Off	Off	Off	On
Discharge temp. 1 error	Discharge temp. 1 error	Blink (2 times)	On	Blink (10 times)	Blink (1 time)	Off	Off	Off	On
Compressor temp. error	Compressor 1 temp. error	Blink (2 times)	On	Blink (10 times)	Blink (3 times)	Off	Off	Off	On
Pressure error 2	Low pressure error	Blink (2 times)	On	Blink (10 times)	Blink (5 times)	Off	Off	Off	On

OUTDOOR UNIT
TEST RUN

Before the test run, refer to he figure and check the following items.

☐ Is the outdoor unit securely installed?
☐ Have you performed gas leakage inspection? (Connection joints of various pipes (flang connection, brazing))
☐ Is the heat insulation done completely? (Gas pipe, liquid pipe, drain hose extension on indoor unit side etc)
☐ Is the water discharging from drain without any problems?
☐ Are the cables connected correctly?
☐ Are the cables as per specif cations?
☐ Is the earth wire connected accurately?
☐ Are there any obstacles blocking the suction gate, and outlet of the indoor/outdoor units?
☐ Have you filled the specified amount of refrigerant?
☐ Are the stop valves of gas pipe and liquid pipe fully open?
☐ Has the power been supplied to crankcase heater for more than 6 hours?

If there are problems, adjust immediately and recheck.

Test run method

Be sure to configure test run settings only when the outdoor unit has stopped operating.

Depending on the communication status between the indoor and outdoor units, it may take several minutes for the system to start operating after settings for the test run are complete.
After the test run settings are complete, the outdoor units and the connected indoor units will start operating. Room temperature control will not activate during test operation (continuous operation).
If a knocking sound can be heard in the liquid compression of the compressor, stop the unit immediately and then energize the crank case heater for a suff cient length of time before restarting the operation.

Test run setting method (it can be performed in the following two ways)

Set with test run setting (refer to installation instructions manual of indoor unit for further details) available in the remote control.

Cooling Operation" and Heating Operation" can be set using , SELECT button and ENTER button available on the board of display unit.

(*Make sure to perform the first test run with cooling operation.)

Set as per the procedure given below.

Check items during test run

☐ Is the outdoor unit making any abnormal noise or vibrating signif cantly?
☐ Is the cold air or hot air blowing from indoor unit according to the operation mode?
☐ Check that the "ERROR" LED blinks If, it has displayed, check the error content as per 12.2. described later.
☐ Operate the unit according to the operating manual provided with the indoor unit, and check that it is operating normally.

Setting method

(1) Turn on the power of the outdoor unit and enter standby mode.

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
On	Off	Off	Off	Off	Off	Off	Off

(2) Press the ENTER button for more than 3 seconds.

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
Blink	Off	Off	Off	Blink	Off	Off	Off

(3) Press the SELECT button,
LED of the test run mode Switched between "COOL" and "HEAT".

Cooling test mode

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
Blink	Off	Off	Off	Blink	Off	Off	Off

Heating test mode

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
Blink	Off	Off	Blink	Off	Off	Off	Off

(4) After confirmin the operation mode, Press ENTER button.
The display changes as follows, and Air conditioner starts operation.

Cooling test mode

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
Blink	Off	Off	Off	On	Off	Off	Off

Heating test mode

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
Blink	Off	Off	On	Off	Off	Off	Off

(5) Press [ENTER] button.
Air conditioner stopped operation.

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
On	Off	Off	Off	Off	Off	Off	Off

OUTDOOR UNIT
PUMP DOWN

⚠ WARNING
Never touch electrical components such as the terminal blocks except the button on the display board. It may cause a serious accident such as electric shock.
During the pump-down operation, make sure that the compressor is turned off before you remove the refrigerant piping. Do not remove the connection pipe while the compressor is in operation with 2-way or 3-way valve open. This may cause abnormal pressure in the refrigeration cycle that leads to breakage and even injury.

⚠ 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 [PUMPDOWN] button on the display board in the manner described below.

Preparation for pump down
Confirm that the power is off, and then open the service panel.

Procedure

(1) Check the 3-way valves (both the liquid side and gas side) are opened.

(2) Turn the power on.

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
On	Off	Off	Off	Off	Off	Off	Off

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

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
On	Off	On	Off	Off	On	On	On

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

- If the [PUMP DOWN] button 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.

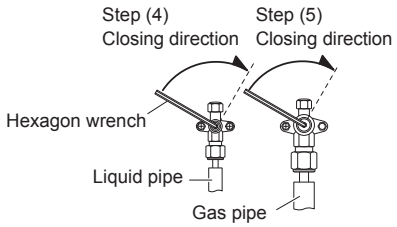
POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
On	Off	On	Off	Off	Off	On	On

- 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	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
On	Off	On	Off	Off	Off	Off	On

- 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	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
On	Off	On	Off	Off	Off	Off	Off

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.

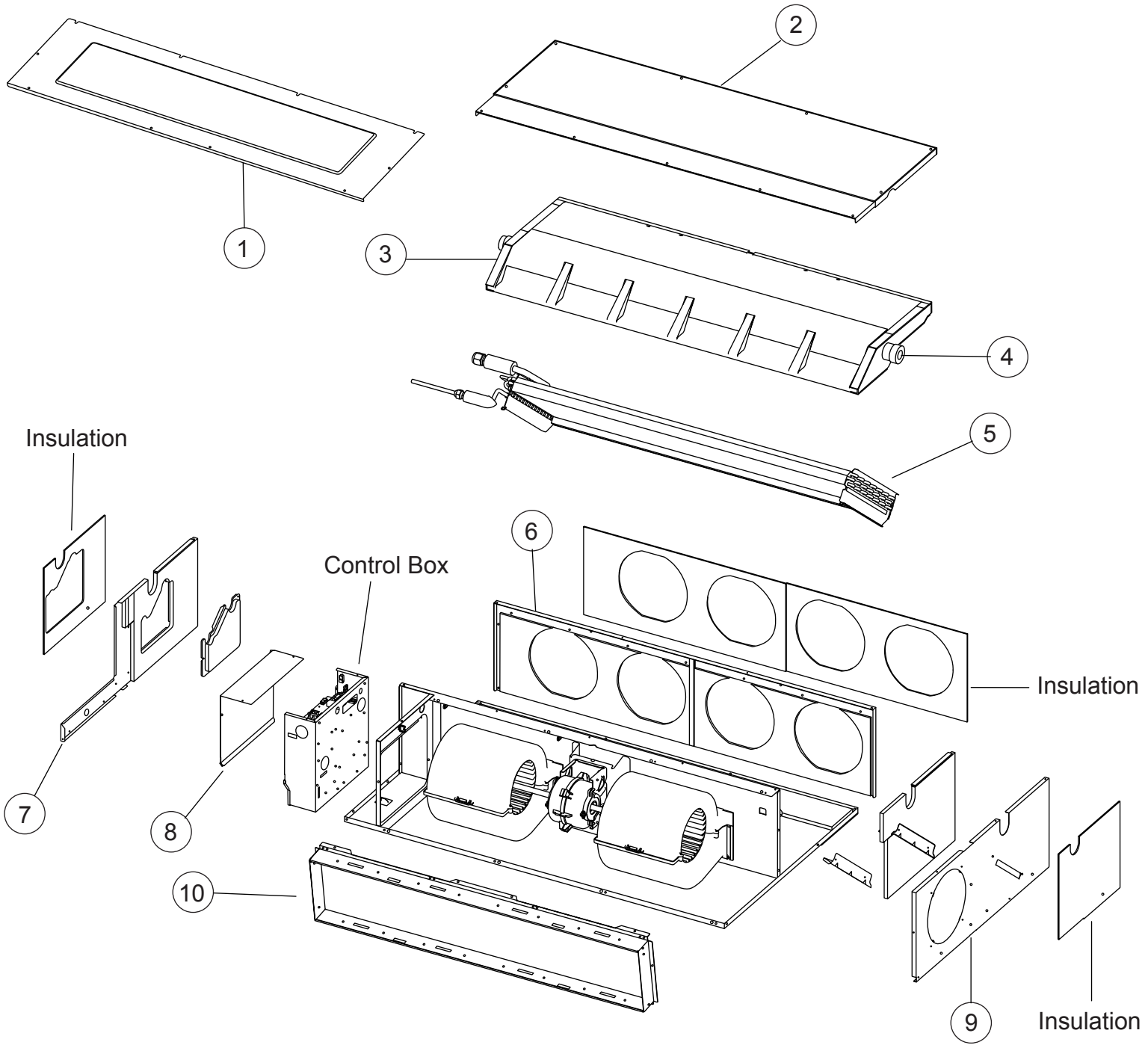
(7) Turn the power off.

POWER	ERROR	PUMP DOWN	LOW NOISE		PEAK CUT		
MODE		(L1)	(L2)	(L3)	(L4)	(L5)	(L6)
Off	Off	Off	Off	Off	Off	Off	Off

PUMP DOWN is completed.

(Note)

- To stop pump down, press the [PUMP DOWN] button 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.
- If an error occurs, recover the refrigerant from service port.

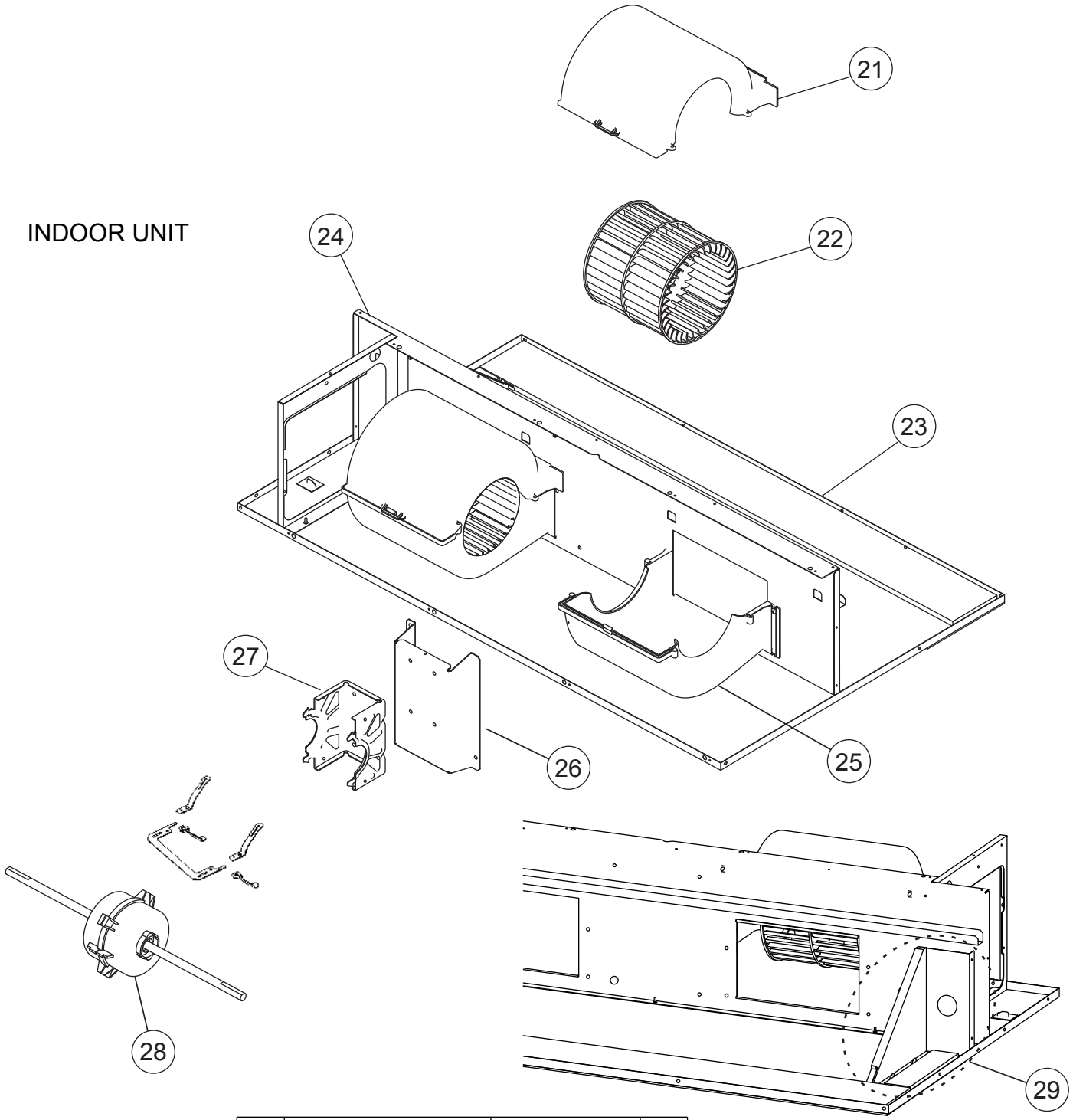


PARTS

INDOOR UNIT

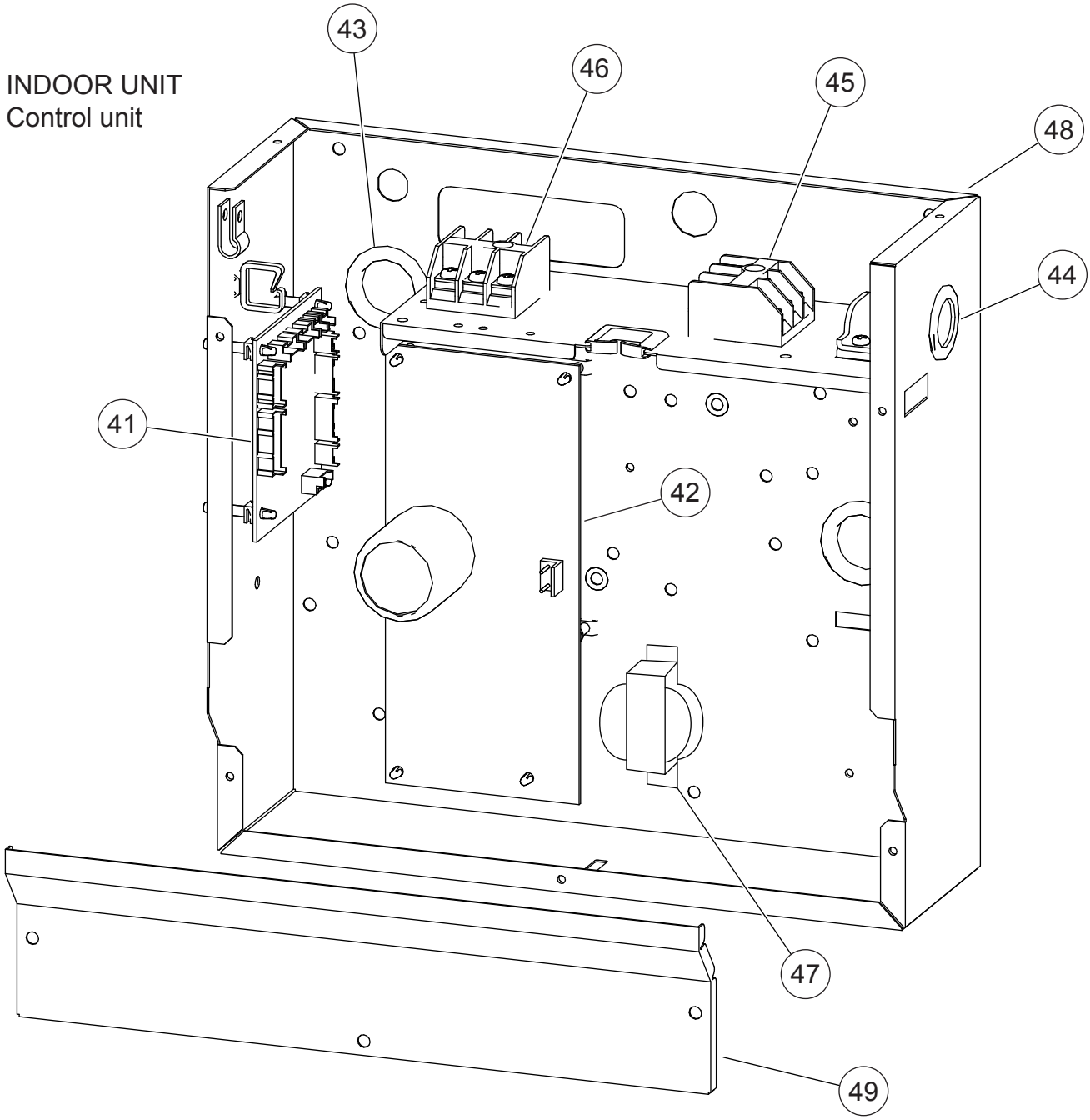
Ref.	Description	Part number	
1	Intake Cover Sub Assy	9374512010	
2	Main Panel Sub Assy	9374511013	
3	Drain Pan Sub Assy	9374513017	
4	Drain Cap	9356541007	
5	Evaporator Total Assy	9374517152	
6	Outlet Panel Sub Assy	9374510016	
7	Cabinet R Sub Assy	9374508020	
8	Control Cover A Sub Assy	9374516018	
9	Cabinet L Sub Assy	9374509010	
10	Intake Frame Assy	9374216017	
--	Seal Panel Sub Assy	9374515011	
--	Bracket Pipe Sub Assy	9374514014	

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	

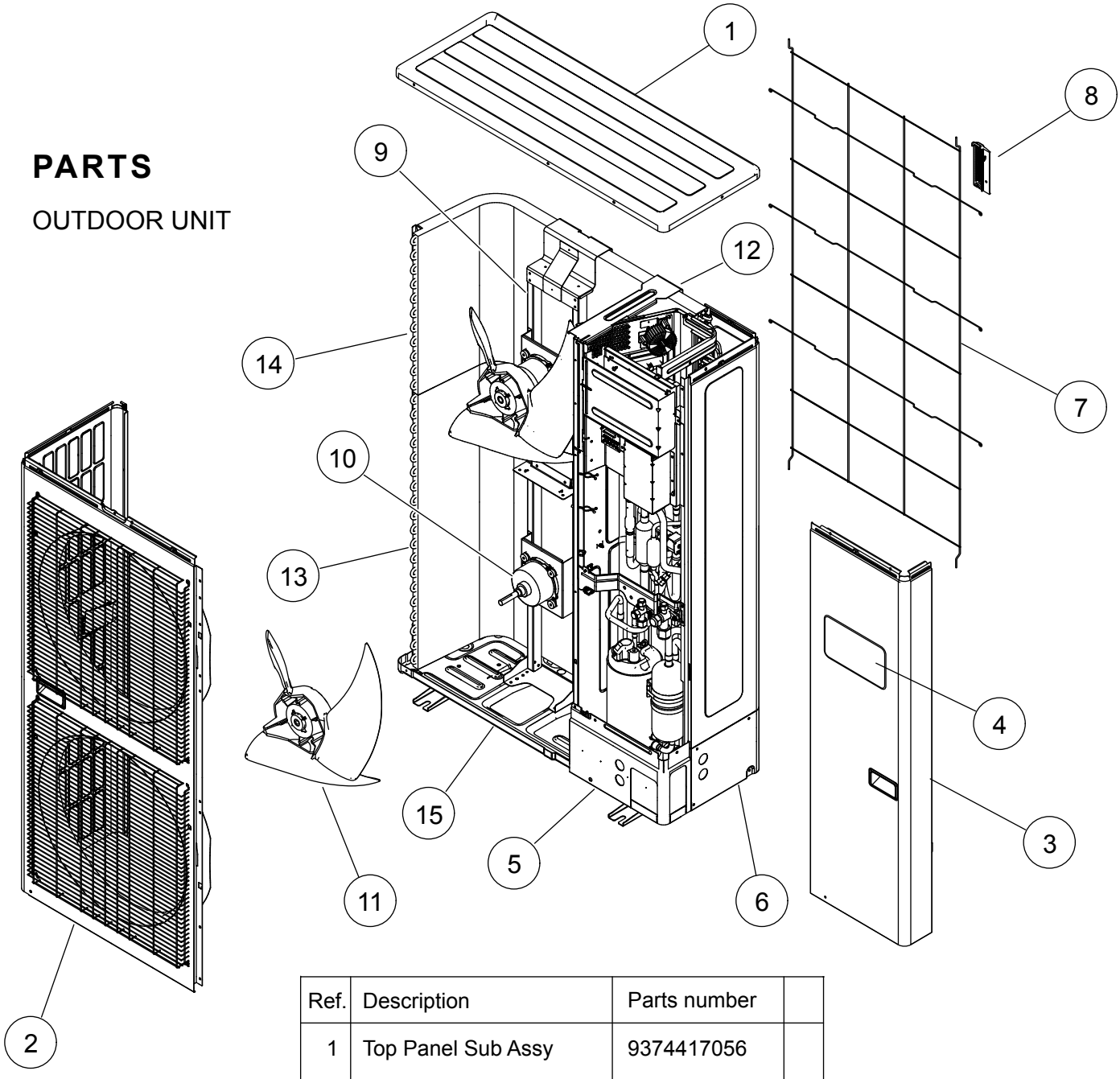
INDOOR UNIT
Control unit



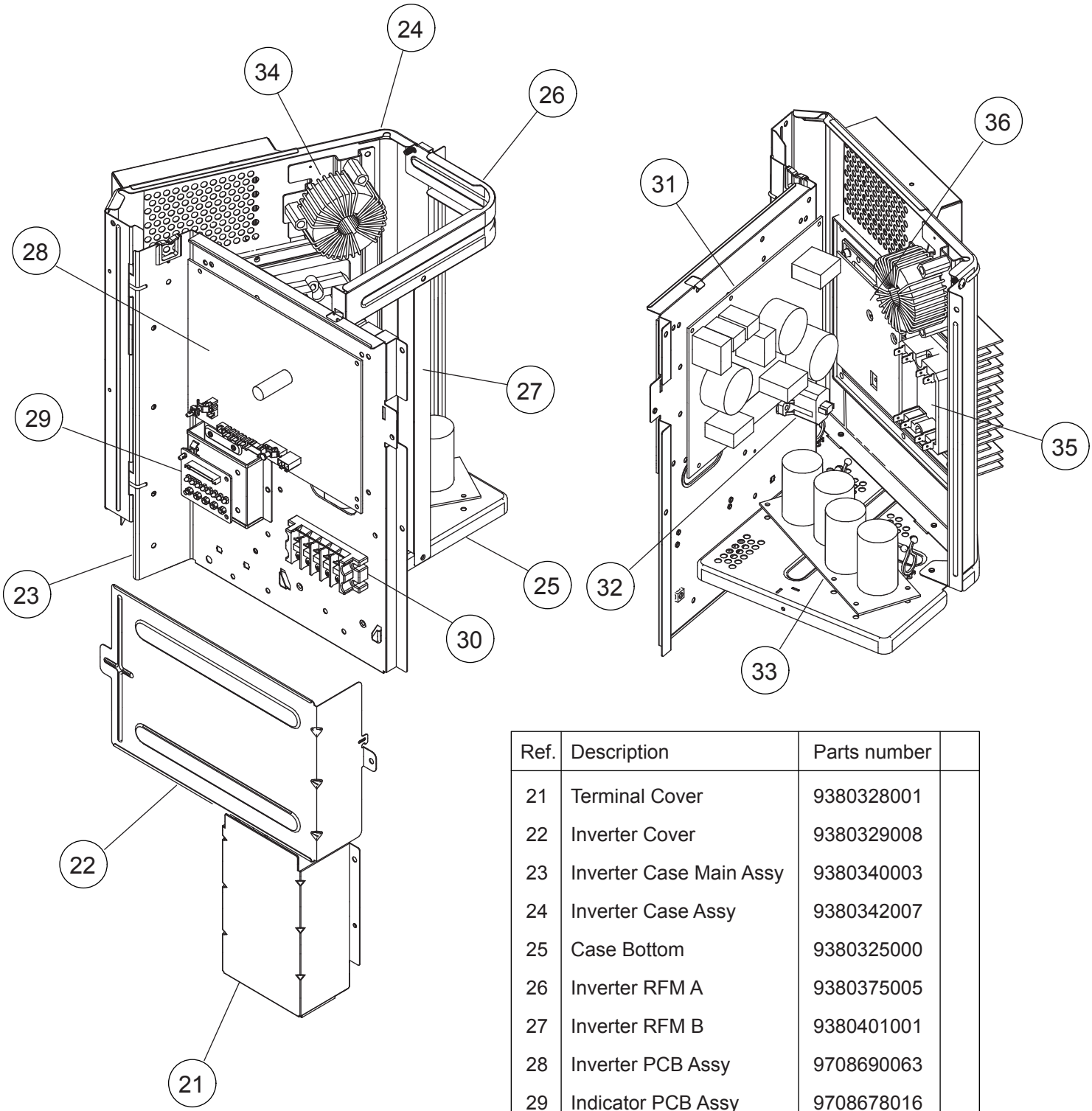
Ref.	Description	Part number	
41	Controller PCB Assy	9707393477	
42	Power Supply PCB Assy	9707398151	
43	Cap (Power)	9352173011	
44	One Touch Bush	9374407019	
45	Terminal 3P	9703345012	
46	Terminal 3P	9306489045	
47	Reactor Assy	9707457018	
48	Control Box A	9374219018	
49	Control Cover B	9374222018	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

PARTS

OUTDOOR UNIT



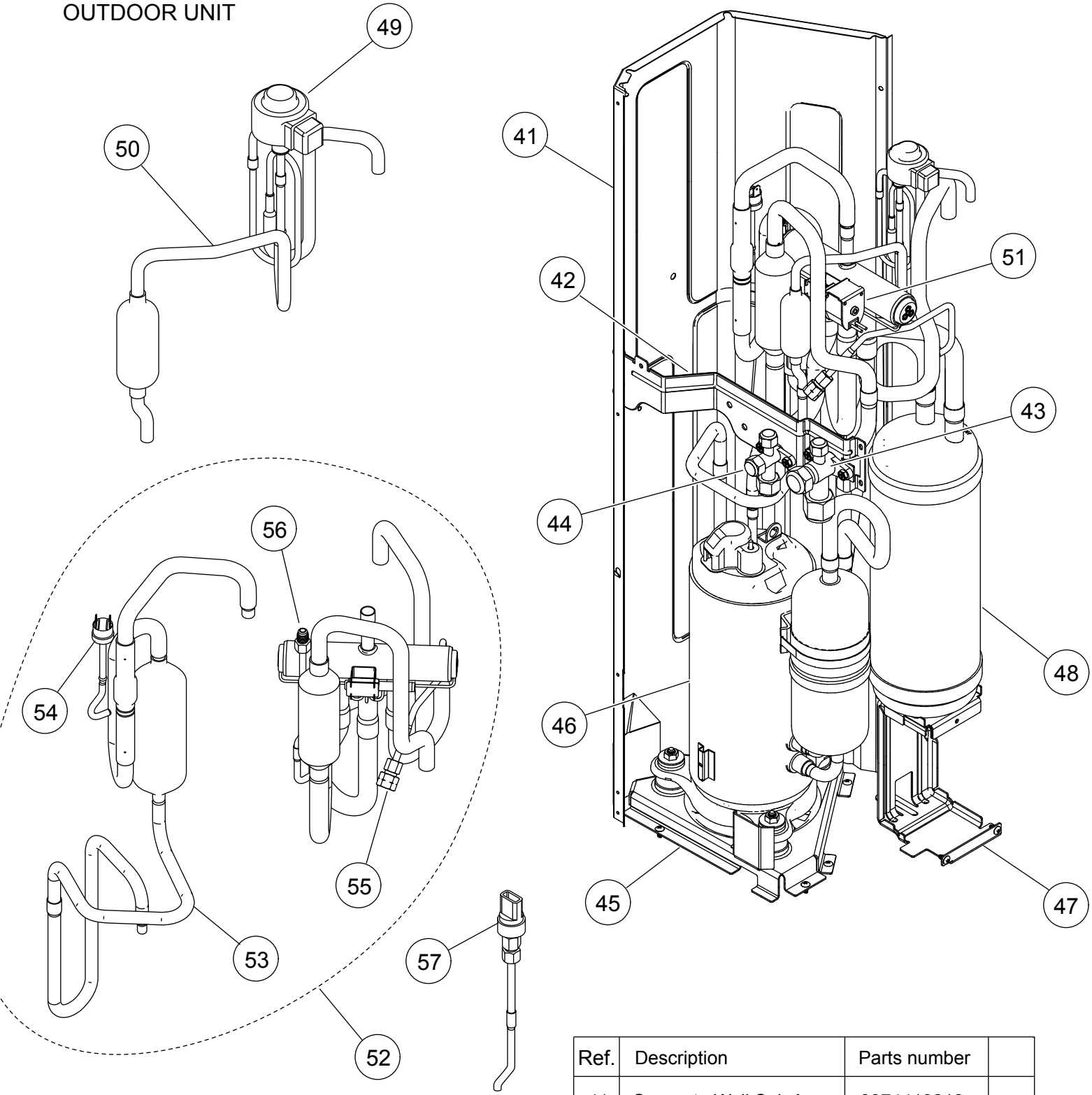
Ref.	Description	Parts number	
1	Top Panel Sub Assy	9374417056	
2	Front Panel Sub Assy	9374414109	
3	Sevice Panel Sub Assy	9374415090	
4	Emblem Rear	9351355005	
5	Pipe Cover Front	9378861015	
6	Right Panel Sub Assy	9374416189	
7	Protective Net	9375381042	
8	Thermo Holder	9375211011	
9	Motor Bracket Sub Assy	9374418169	
10	Motor DC Brushless	9602843039	
11	Propeller Fan Assy	9366378020	
12	RFM Top Assy	9380420002	
13	Condenser A Sub Assy	9374420261	
14	Condenser B Sub Assy	9374422081	
15	Base Assy	9374166220	
--	Drain Assy	9303029015	
--	Drain Cap	313166024302	



Ref.	Description	Parts number	
21	Terminal Cover	9380328001	
22	Inverter Cover	9380329008	
23	Inverter Case Main Assy	9380340003	
24	Inverter Case Assy	9380342007	
25	Case Bottom	9380325000	
26	Inverter RFM A	9380375005	
27	Inverter RFM B	9380401001	
28	Inverter PCB Assy	9708690063	
29	Indicator PCB Assy	9708678016	
30	Terminal	9900203023	
31	Power Supply PCB Assy	9708688015	
32	Thermistor	9704265012	
33	Capacitor PCB Assy	9707257083	
34	Choke Coil	9900624019	
35	ACTPM	9707592016	
36	Transistor PCB Assy	9708647043	
--	Thermistor (Outdoor)	9900210069	
--	Thermistor Assy	9900599027	
--	Thermistor Assy	9900598013	

OUTDOOR UNIT
Control box

OUTDOOR UNIT

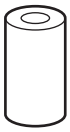
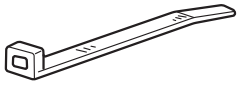
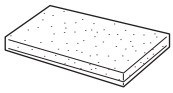
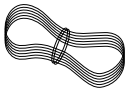
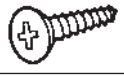


Ref.	Description	Parts number	
41	Separate Wall Sub Assy	9374413218	
42	Valve Plate	9378804012	
43	3-way Valve Assy	9379079006	
44	3-way Valve Assy	9379077002	
45	Compressor Plate Assy	9380344001	
46	Compressor	9810153005	
47	Accumulator Holder	9378800014	
48	Accumulator	9379014021	
49	Expansion Valve Coil	9970096044	
50	Expansion Valve Assy	9370947243	

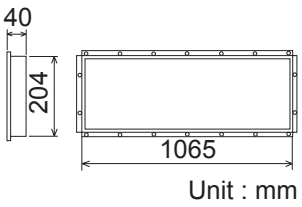
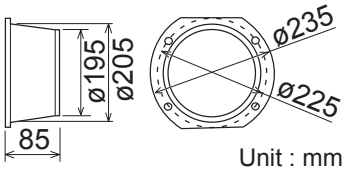
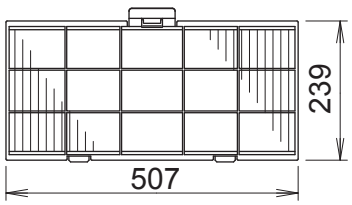
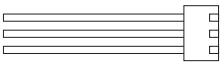
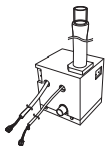
Ref.	Description	Parts number	
51	Solenoid	9970055072	
52	4-way Valve Assy	9374425235	
53	Discharge Pipe Assy	9371581248	
54	Pressure Switch	9900186012	
55	Check Joint Assy	9372802038	
56	Union joint Assy	9379068000	
57	Sensor	9900505080	

ACCESSORIES

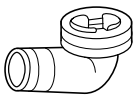
INDOOR UNIT

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
Tapping screw (ø4 × 16) 	2	For installing the remote control	0700181108

OPTIONAL PARTS

Exterior	Parts name	Model No.	Summary
	Square flang	UTD-SF045T	
	Round flang	UTD-RF204	
	Long-life filte	UTD-LF25NA	
	Remote sensor	UTD-RS100	New amenity space can be offered by installing remote sensor in remote control.
	External control set	UTD-ECS5A	
	Drain pump unit	UTZ-PX1NBA	
	Receiver unit	UTY-LRHY1	

OUTDOOR UNIT

Name and Shape	Q'ty	Application	Part number
Drain pipe 	1	For outdoor unit drain piping work	9303029015
Drain cap 	2		313166024302
Binder 	3	For binding power supply cable and connection cable	9374688012
One-touch bush 	2	For power supply cable and connection cable installation	9378779013