

SPLIT TYPE  
AIR CONDITIONER  
CASSETTE TYPE (50Hz)

# SERVICE MANUAL



Indoor unit      Outdoor unit  
AUYA45LCLU    AOYA45LATL

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# SPECIFICATIONS

## ELECTRICAL DATA

|                        |         |                   |
|------------------------|---------|-------------------|
| TYPE                   |         | Cooling & Heating |
| INDOOR UNIT            |         | AUYA45LCLU        |
| OUTDOOR UNIT           |         | AOYA45LATL        |
| COOLING CAPACITY       |         | 12.5 kW           |
| HEATING CAPACITY       |         | 14.0 kW           |
| POWER SOURCE           |         | 230 V 50 Hz       |
| RUNNING CURRENT        | Cooling | 17.0 A            |
|                        | Heating | 16.5 A            |
| INPUT WATTS            | Cooling | 3.89 kW           |
|                        | Heating | 3.77 kW           |
| E.E.R.                 | Cooling | 3.21 kW/kW        |
|                        | Heating | 3.71 kW/kW        |
| STARTING CURRENT       |         | 15 A              |
| MOISTURE REMOVAL       |         | 4.5 L/hr          |
| AIRCIRCULATION INDOOR  |         | 1,750 m3/hr       |
| AIRCIRCULATION OUTDOOR |         | 6,600 m3/hr       |
| MAXIMUM CURRENT        |         | 20.0 A            |

## COMPRESSOR AND REFRIGERANT

|                        |                  |                                                                  |
|------------------------|------------------|------------------------------------------------------------------|
| TYPE                   |                  | Hermetic type, Inverter, 4 poles, 3 phase, DC motor, Twin Rotary |
| DISCRIMINATION         |                  | DA420A3F-21ZA                                                    |
| WEIGHT (with oil)      |                  | 23.7 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             | 3,850 g                                                          |
|                        | 40 m             | 4,350 g                                                          |
|                        | 50 m             | 4,850 g                                                          |
| ADDITIONAL CHARGE      |                  | 50 g/m                                                           |

## FAN MOTOR

|              |                   |                  |
|--------------|-------------------|------------------|
| INDOOR UNIT  | Discrimination    | MFF-54TVM        |
|              | High speed        | 720 r.p.m.       |
|              | Med speed         | 590 r.p.m.       |
|              | Low speed         | 500 r.p.m.       |
|              | Quiet (cool/heat) | 440 / 440 r.p.m. |
| OUTDOOR UNIT | Discrimination    | MFE-60PO         |
|              | Upper fan         | 850 r.p.m.       |
|              | Lower fan         | 750 r.p.m.       |

## NOISE LEVEL

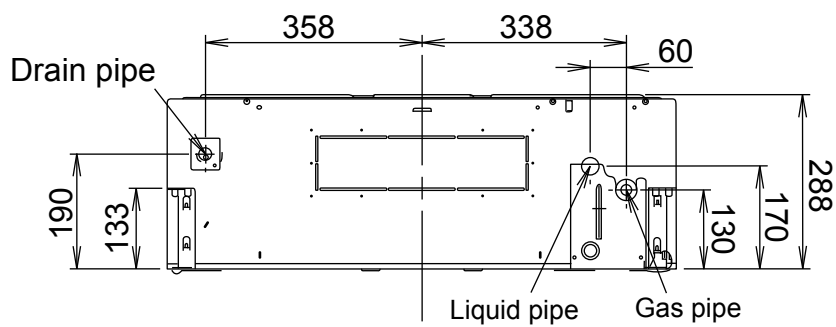
|              |                   |               |
|--------------|-------------------|---------------|
| INDOOR UNIT  | High speed        | 52 dB         |
|              | Med speed         | 47 dB         |
|              | Low speed         | 42 dB         |
|              | Quiet (cool/heat) | 39 dB / 39 dB |
| OUTDOOR UNIT | Cooling           | 55 dB         |
|              | Heating           | 56 dB         |

## DIMENSIONS

|                  |           |                      |
|------------------|-----------|----------------------|
| DECORATION PANEL | H x W x D | 50 x 950 x 950 mm    |
| INDOOR UNIT      | H x W x D | 288 x 840 x 840 mm   |
| OUTDOOR UNIT     | H x W x D | 1,290 x 900 x 330 mm |

## WEIGHT

|                  |             |                 |
|------------------|-------------|-----------------|
| DECORATION PANEL | Gross / Net | 8.5 kg / 5.5 kg |
| INDOOR UNIT      | Gross / Net | 33 kg / 27 kg   |
| OUTDOOR UNIT     | Gross / Net | 107 kg / 98 kg  |



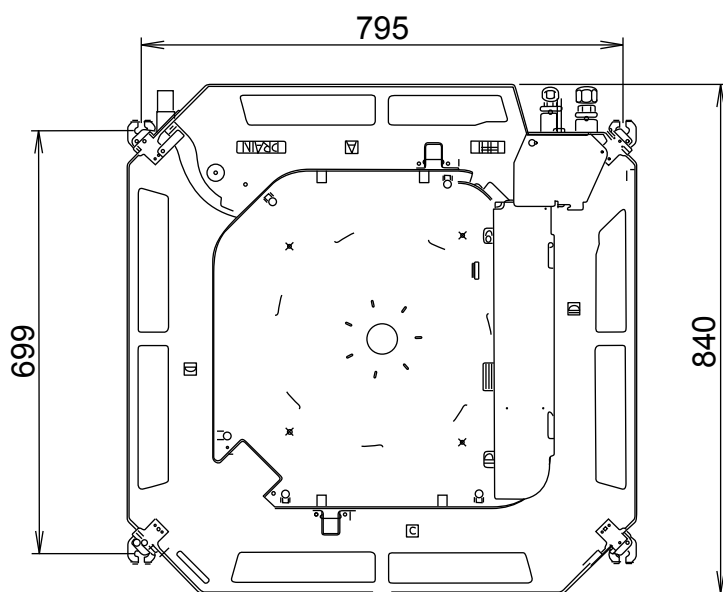
Side view

## DIMENSIONS

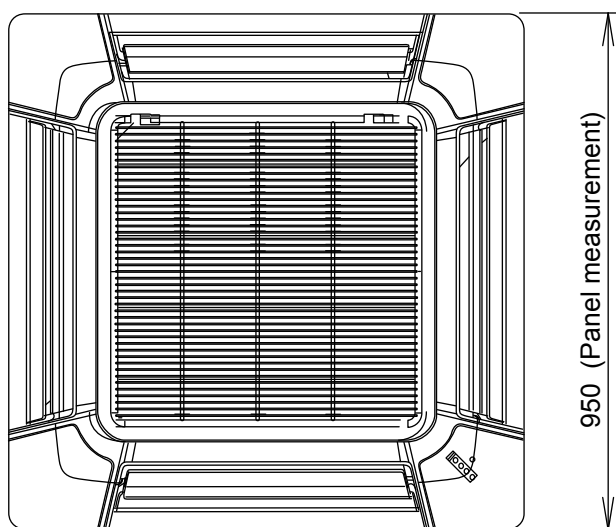
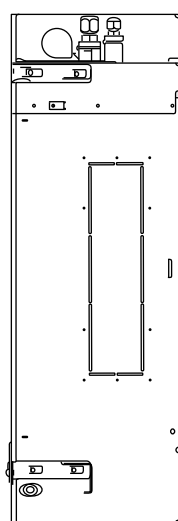
### INDOOR UNIT DECORATION PANEL

(Unit : mm)

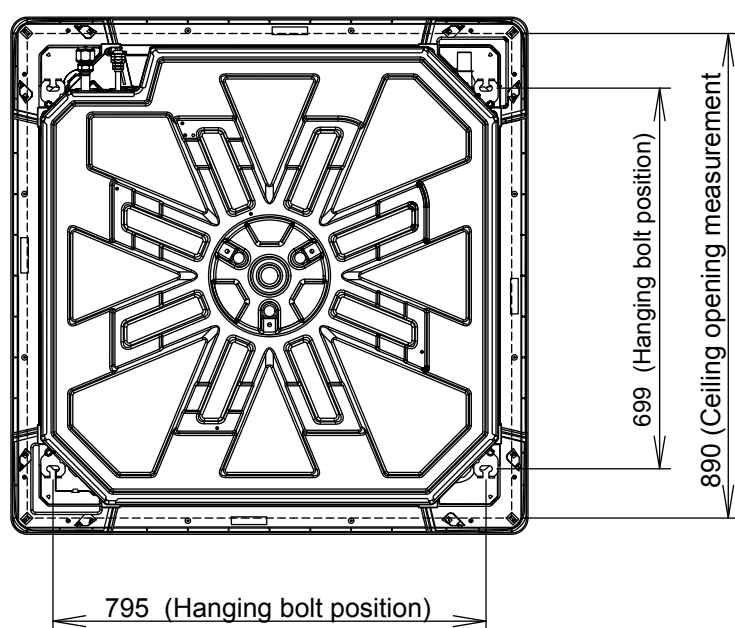
Drain pipe diameter  
Inside : 20 mm  
Outside : 26 mm



Bottom view



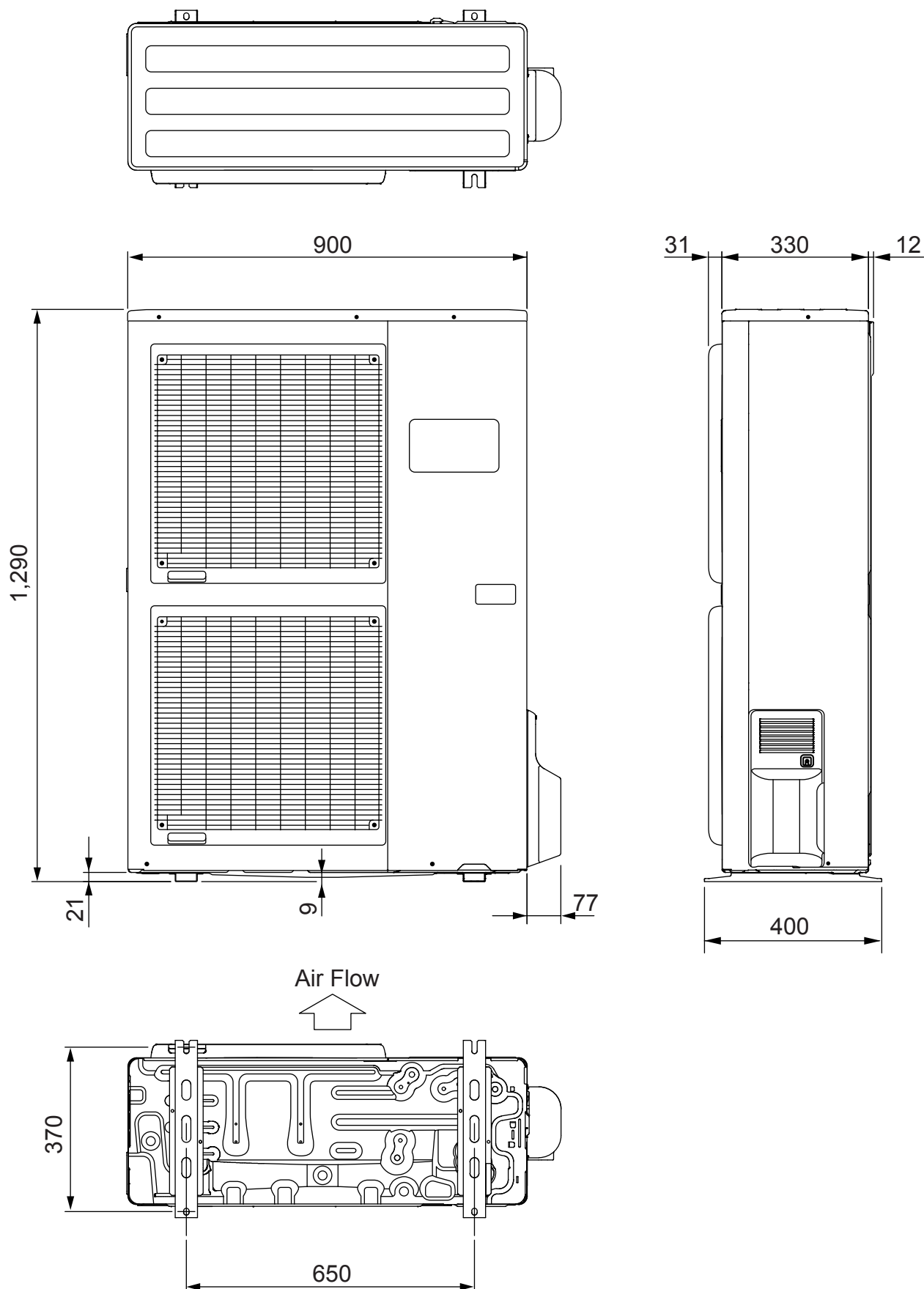
Bottom view



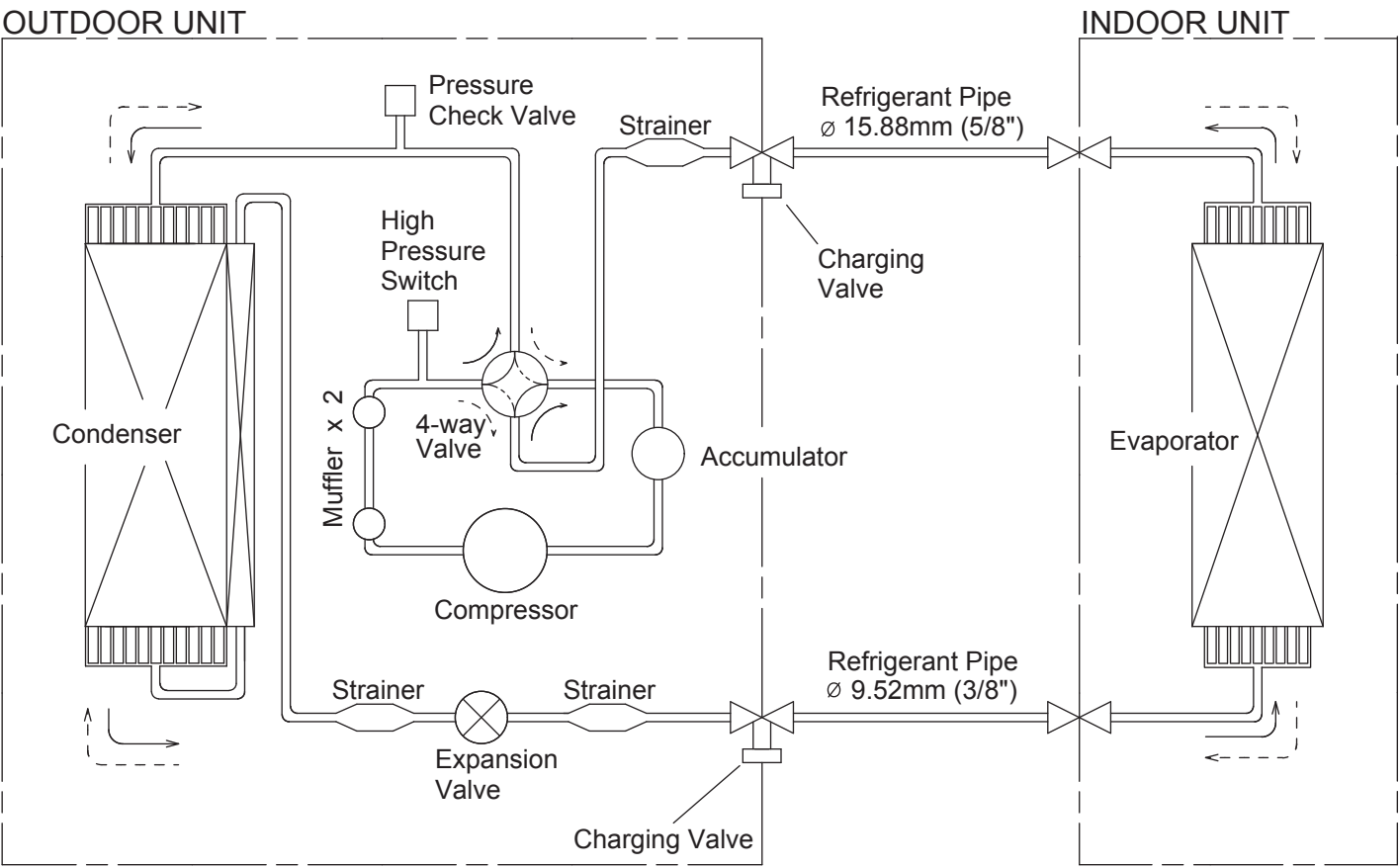
Top view

## OUTDOOR UNIT

(Unit : mm)



# REFRIGERANT SYSTEM DIAGRAM

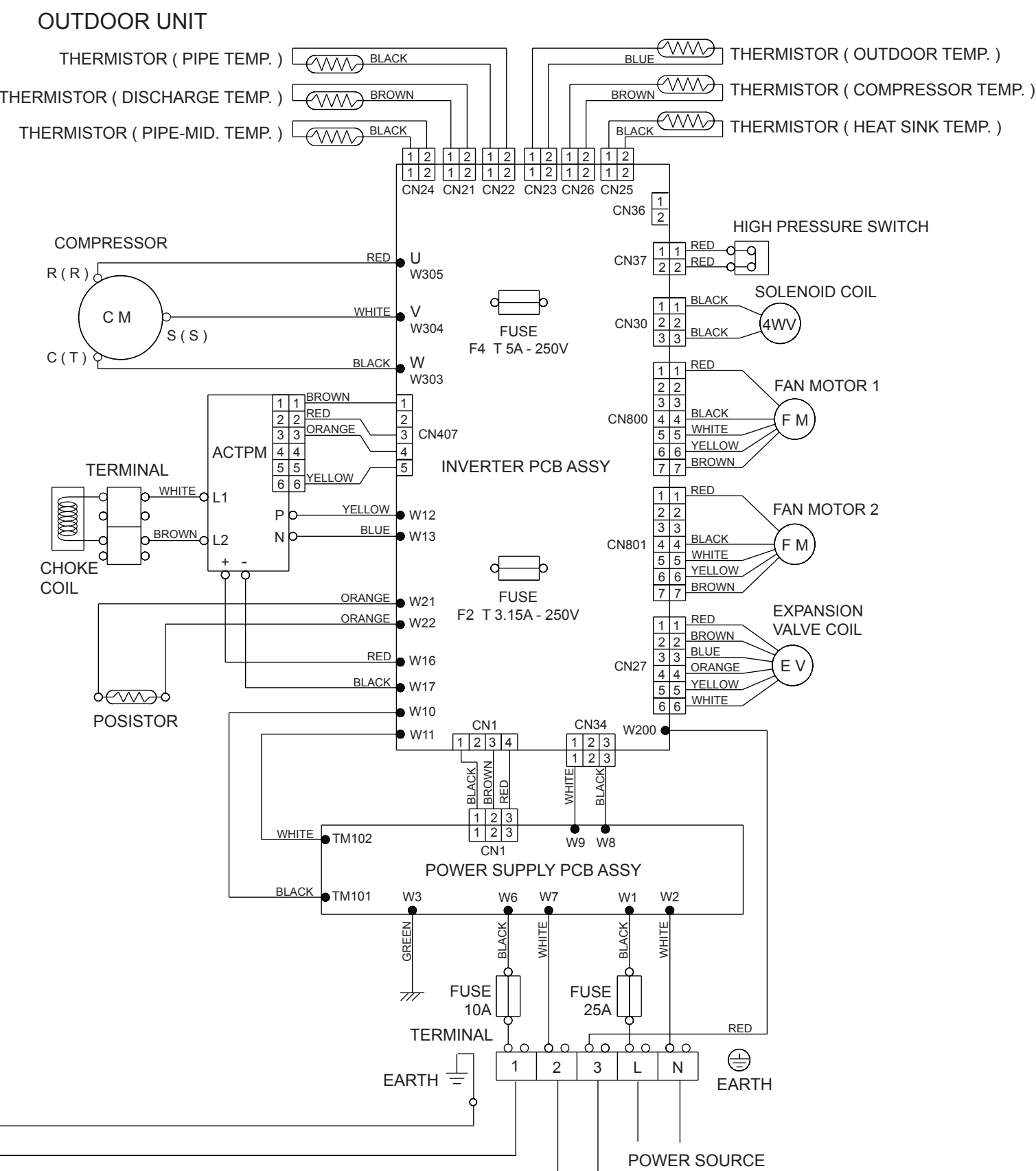
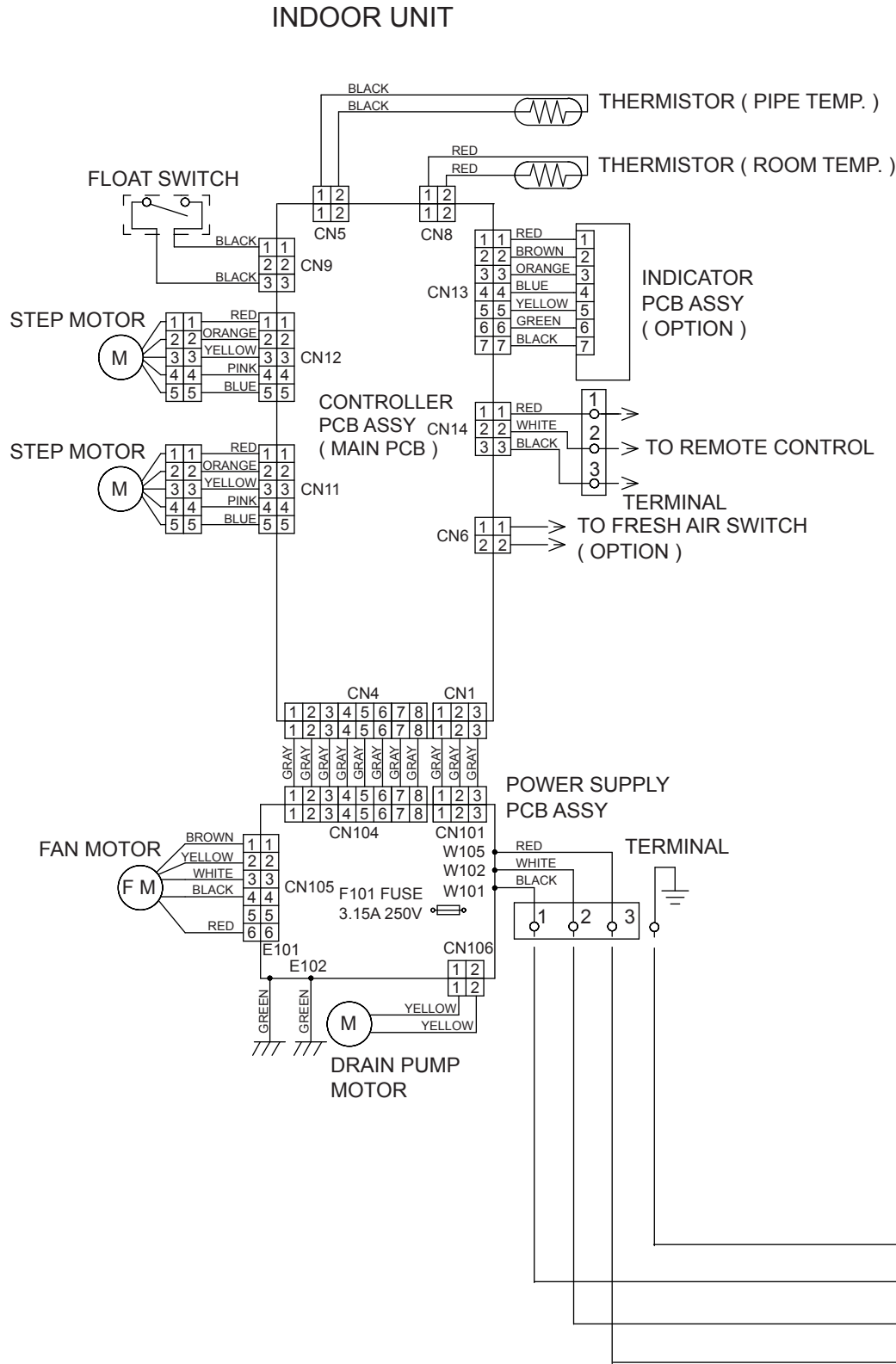


Refrigerant direction

—> : Cool

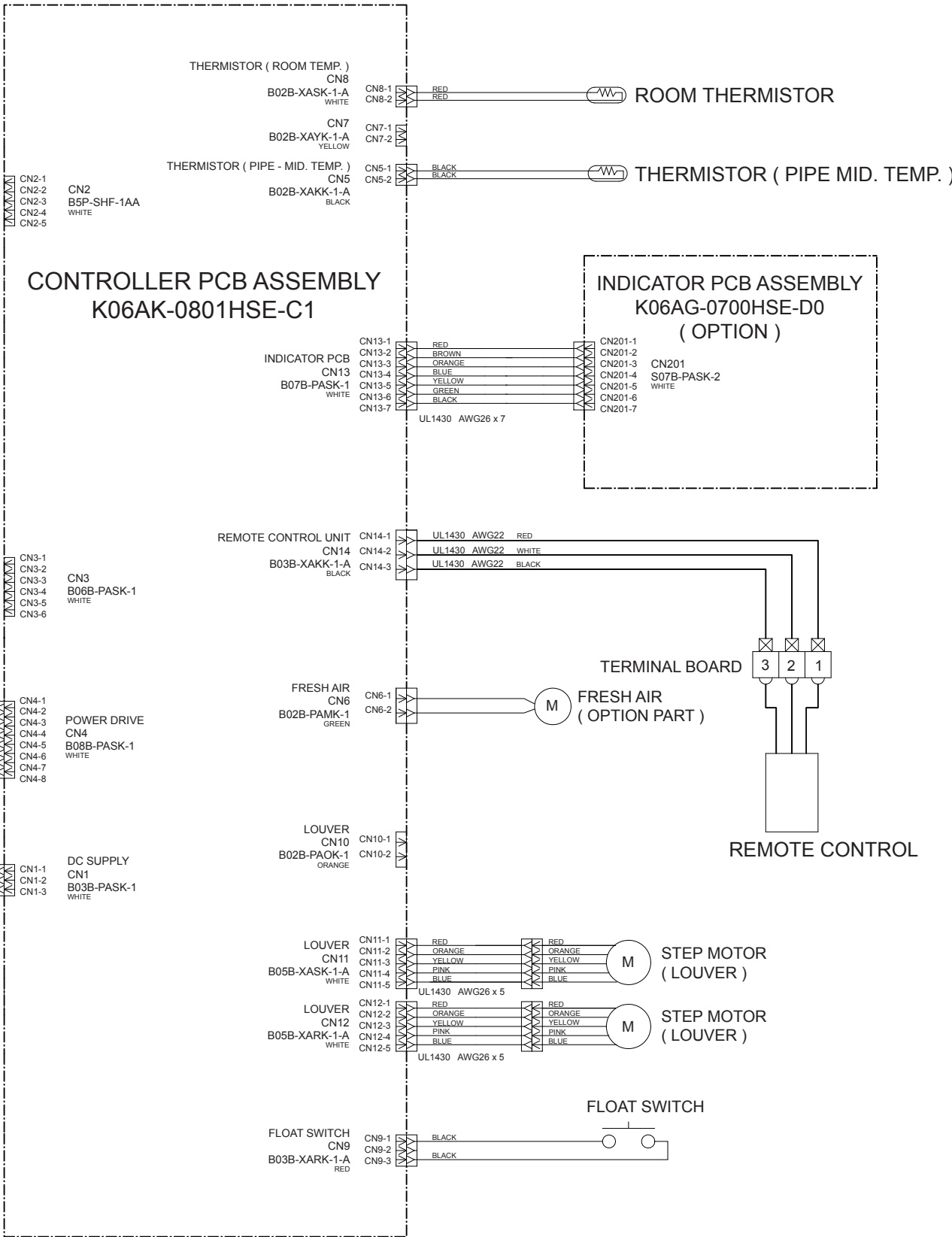
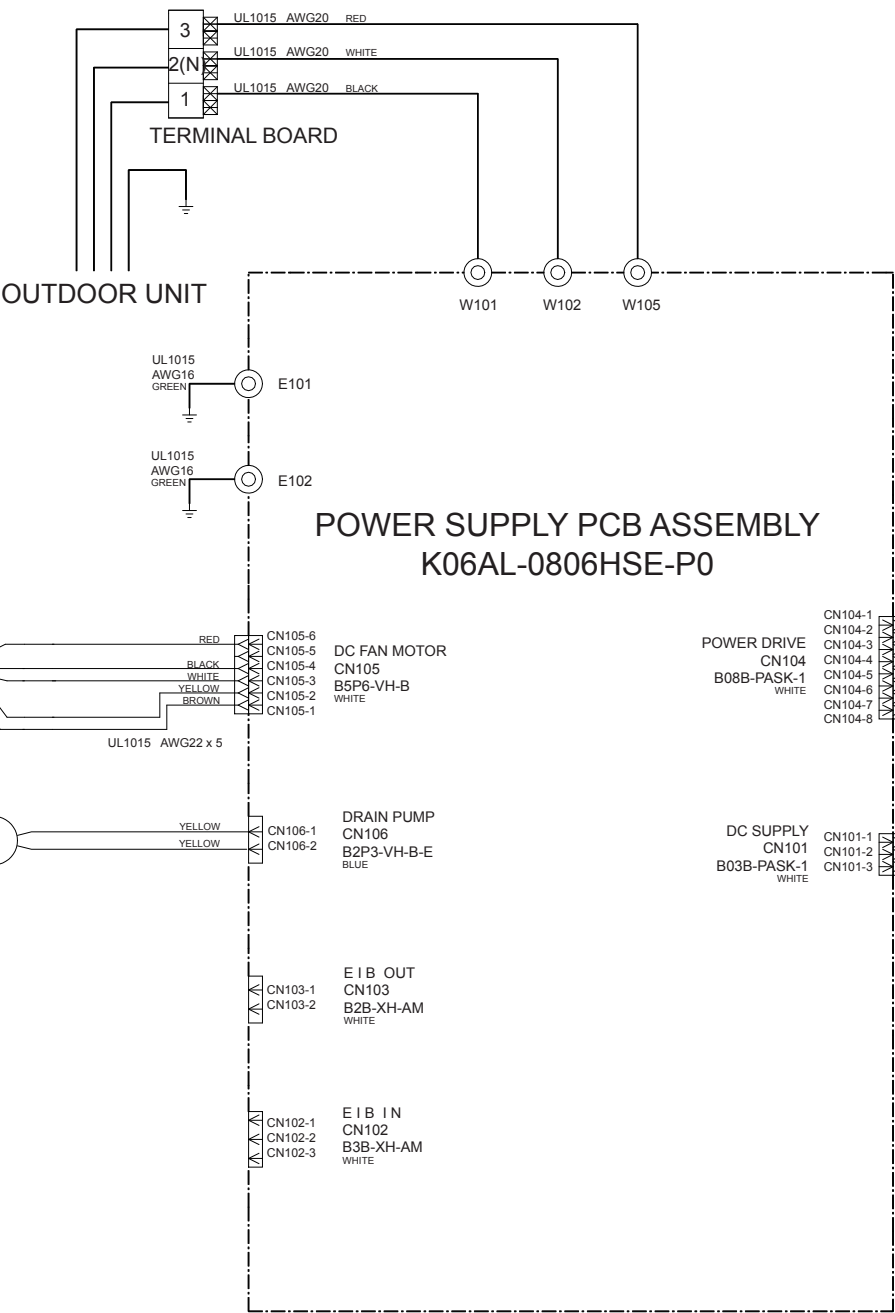
- - -> : Heat

CIRCUIT DIAGRAM

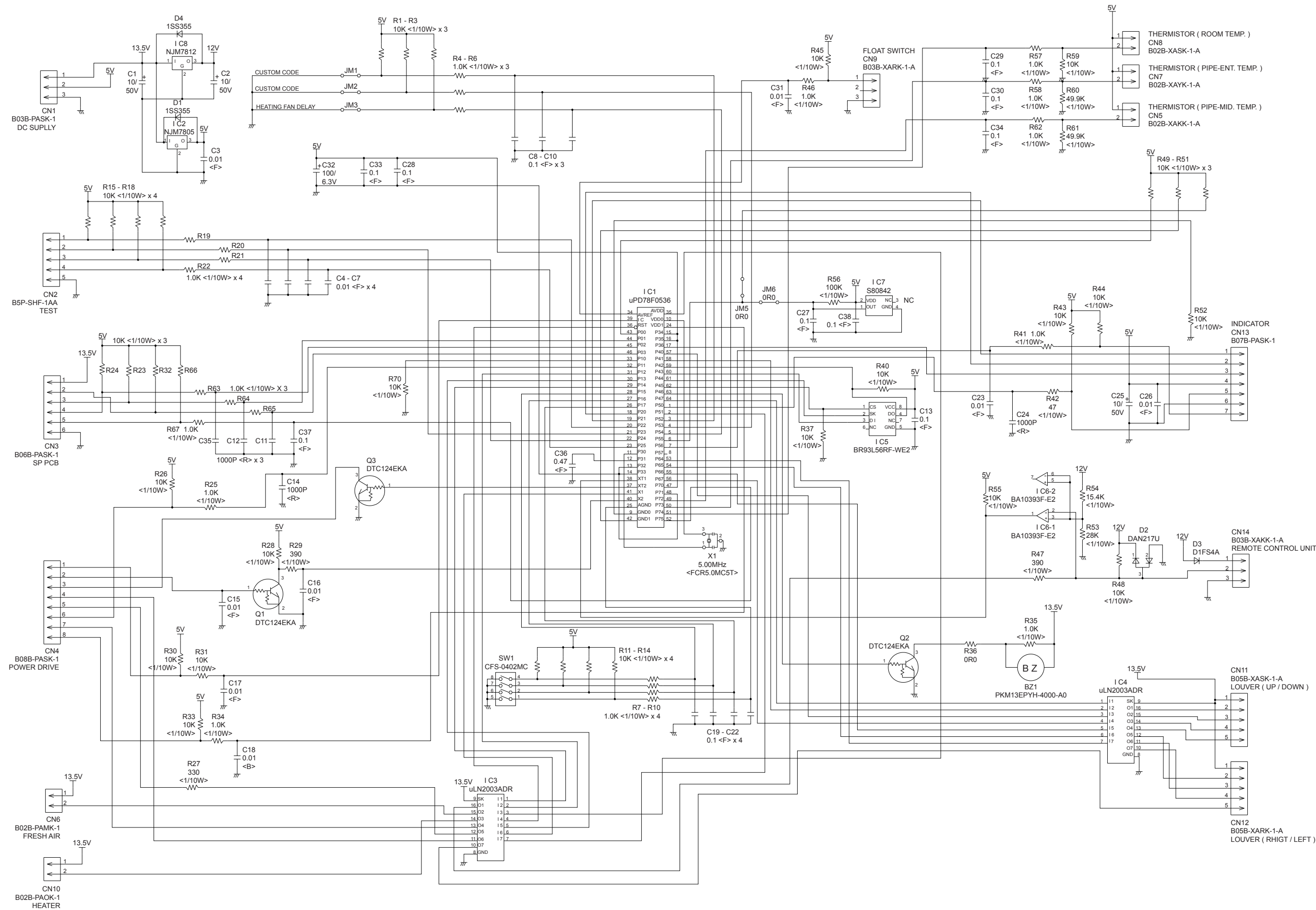


INDOOR PCB CIRCUIT DIAGRAM

CONTROL UNIT  
EZ-00806HSE

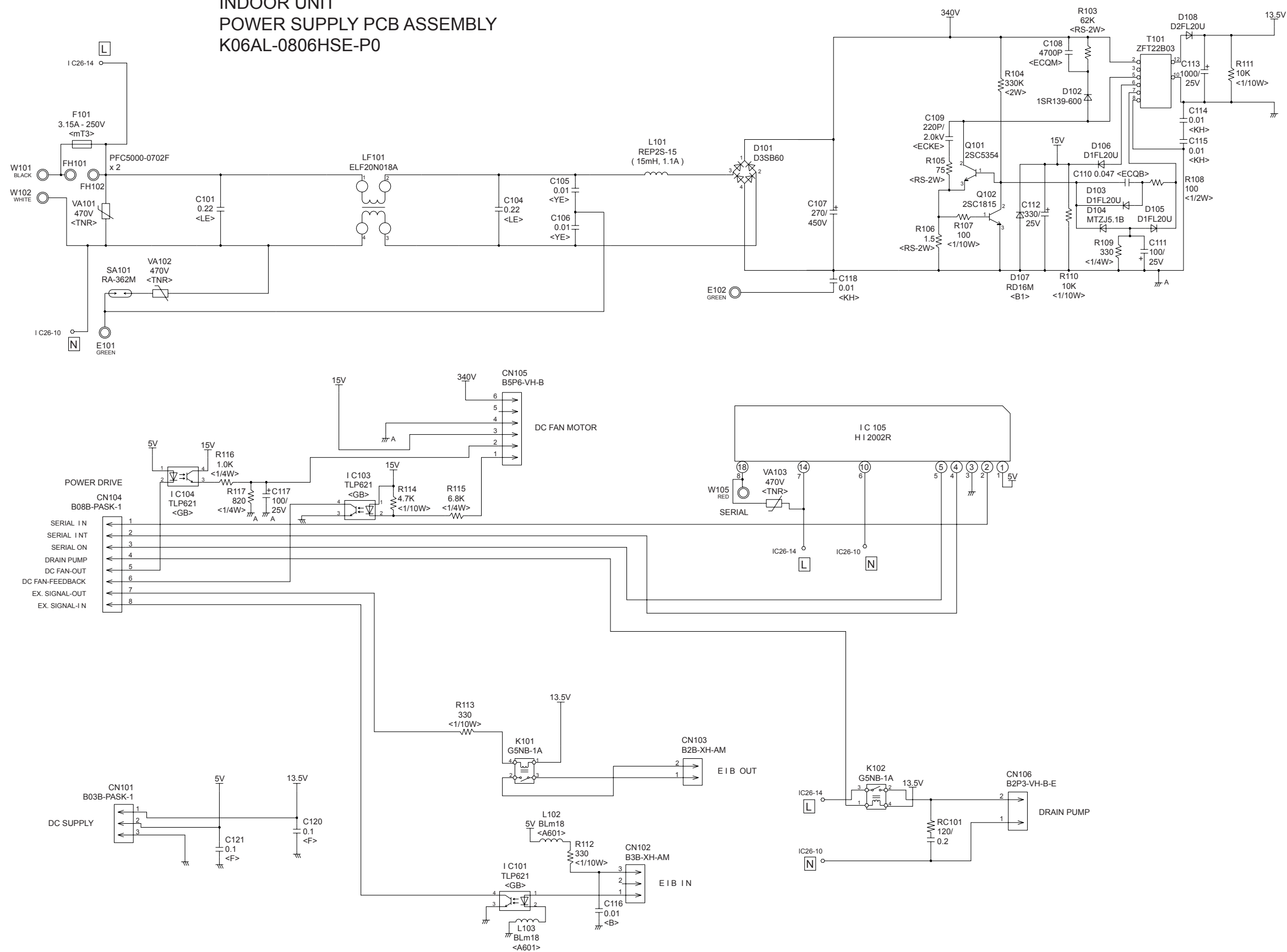


INDOOR UNIT  
CONTROLLER PCB ASSEMBLY  
K06AK-0801HSE-C1



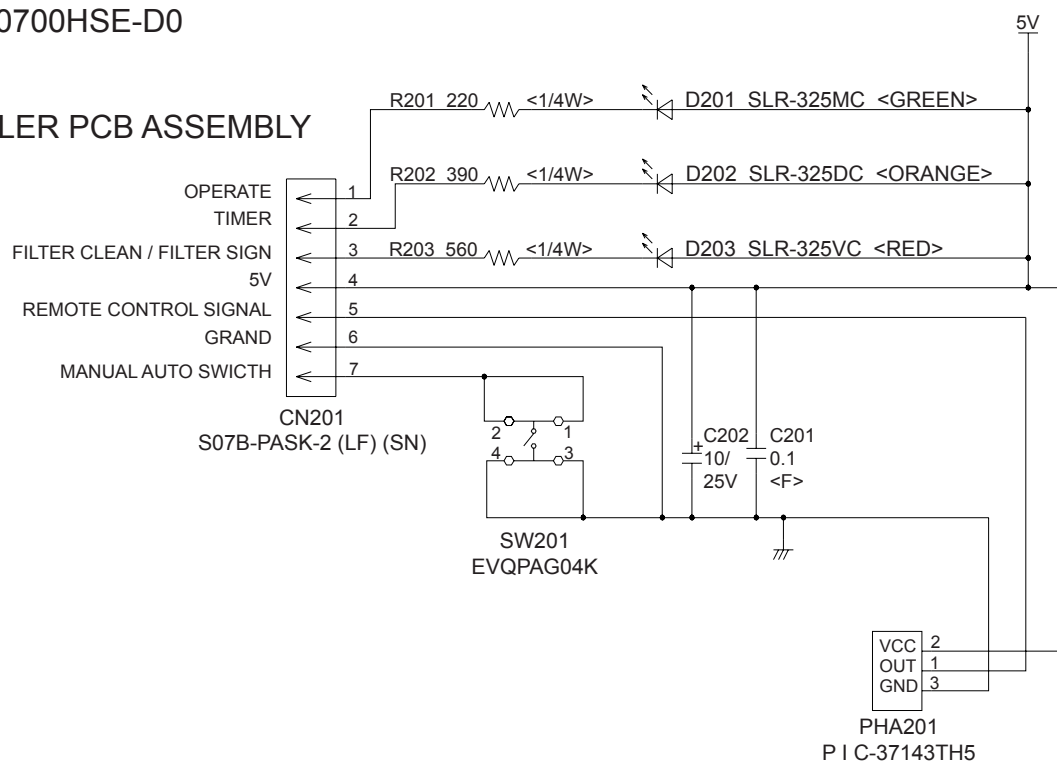


# INDOOR UNIT POWER SUPPLY PCB ASSEMBLY K06AL-0806HSE-P0

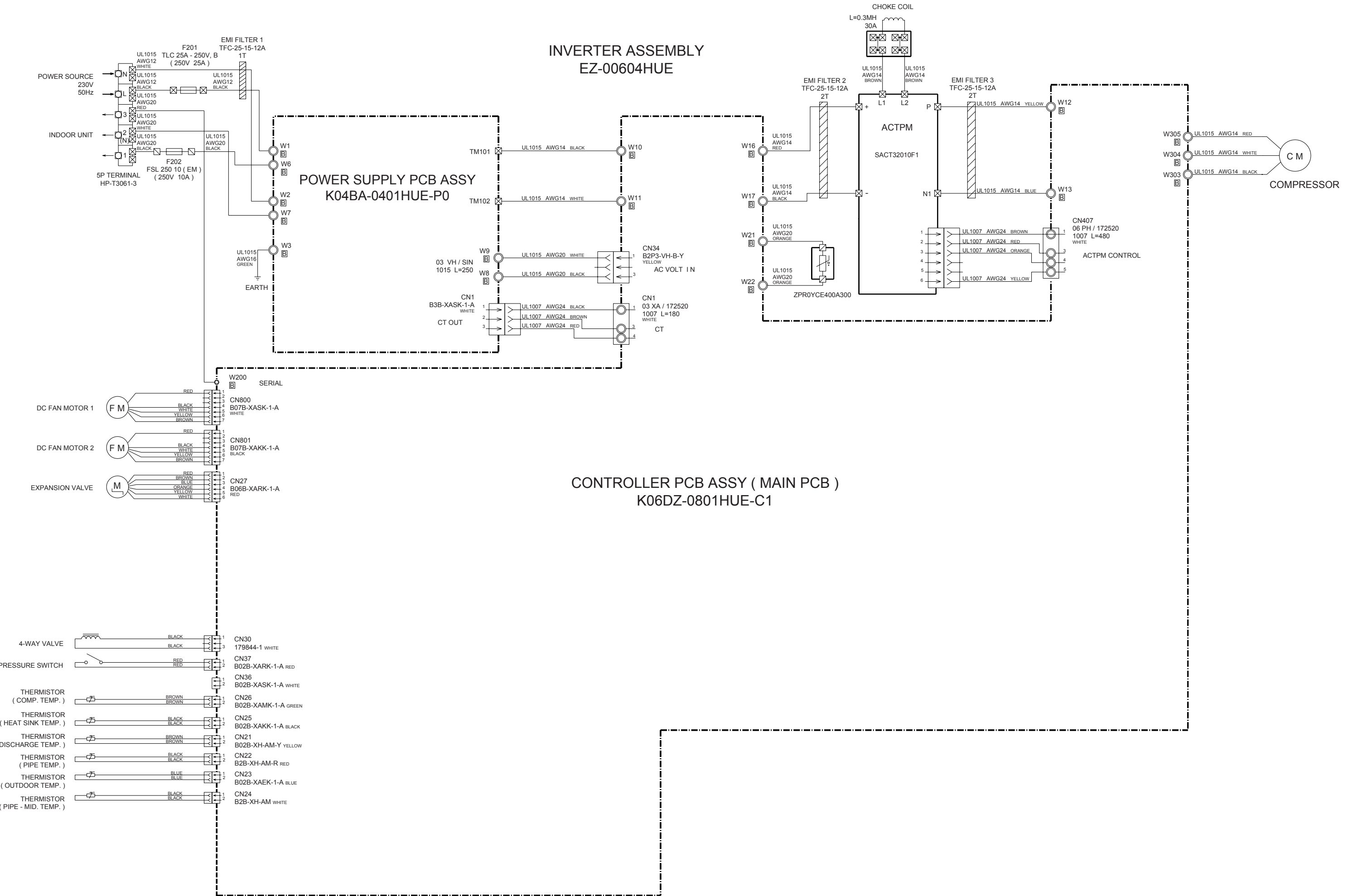


INDOOR UNIT  
INDICATOR PCB ASSEMBLY  
( OPTION )  
K06AG-0700HSE-D0

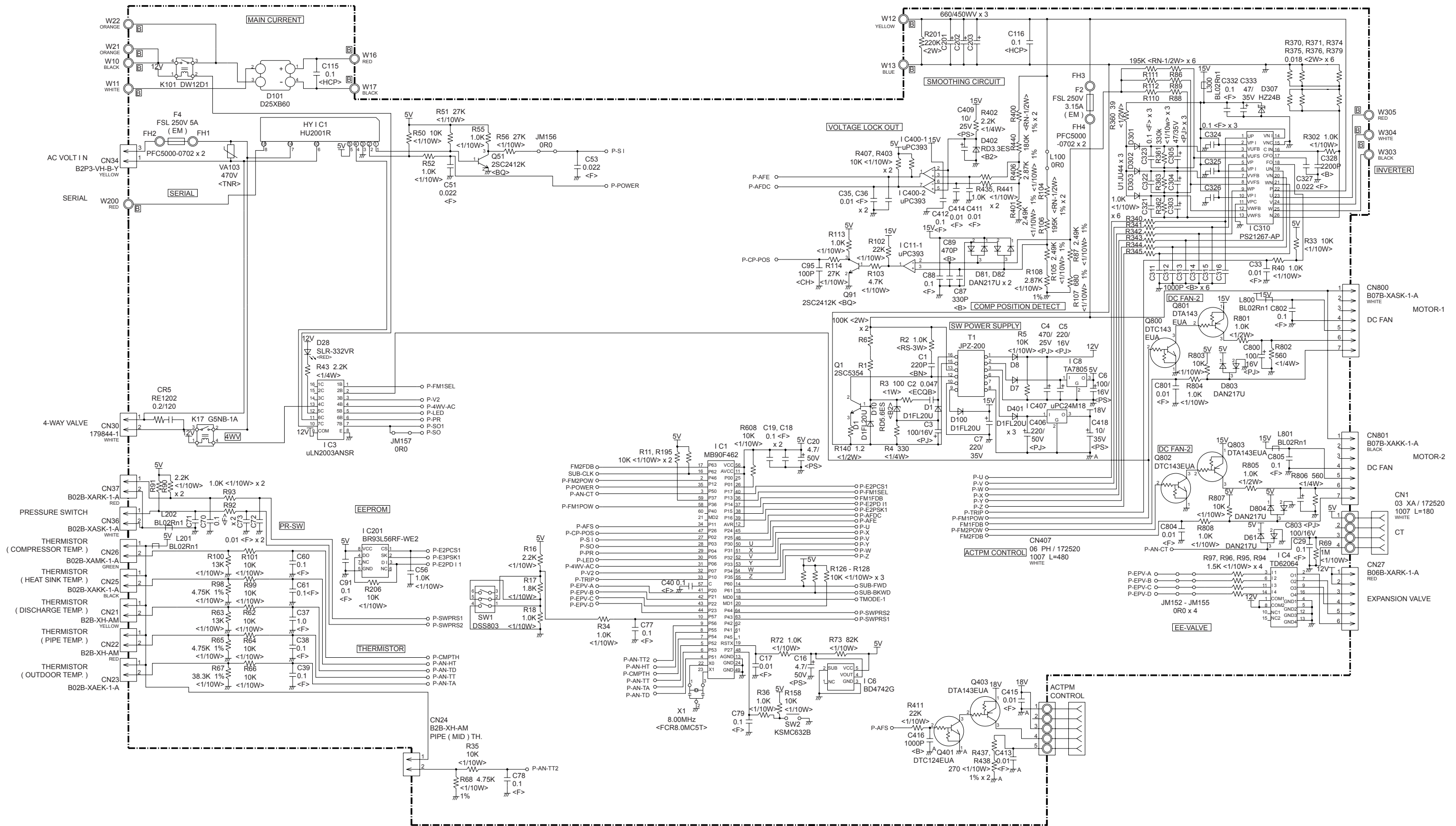
TO CONTROLLER PCB ASSEMBLY



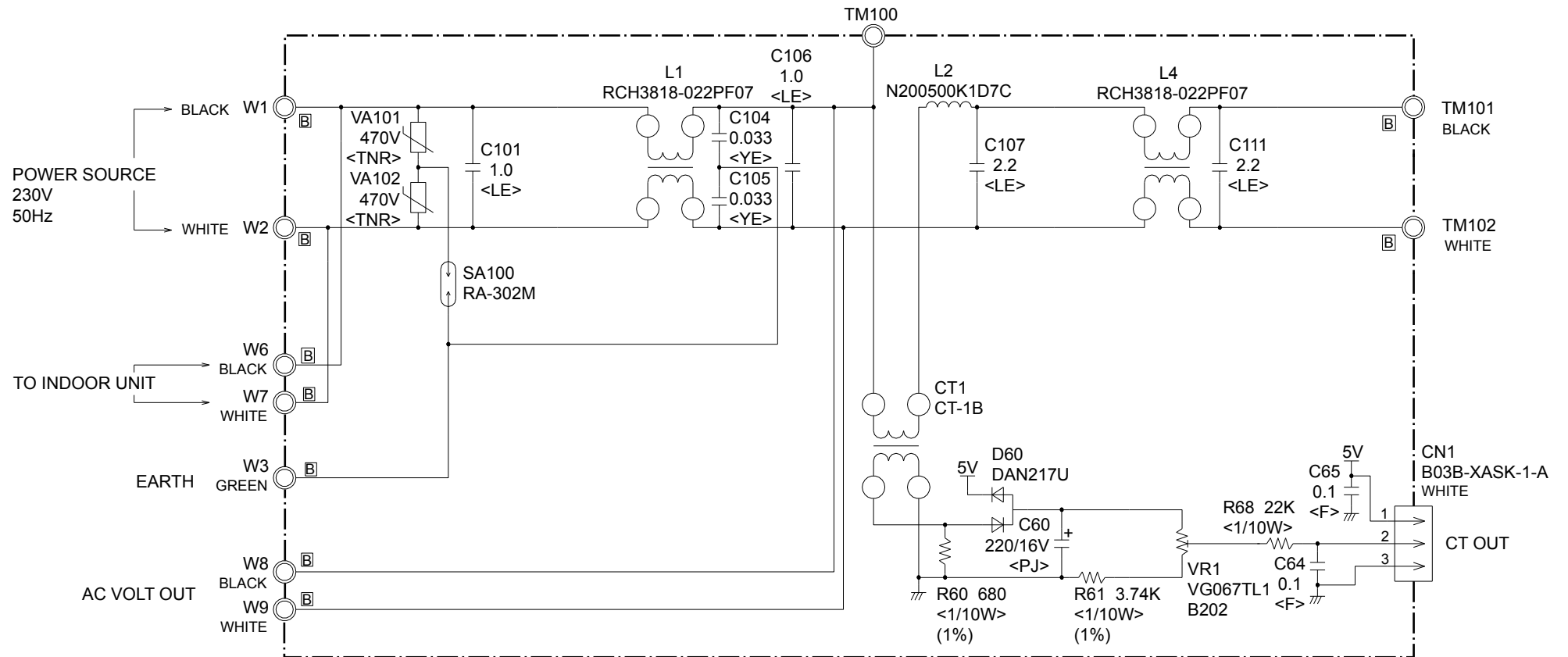
OUTDOOR PCB CIRCUIT DIAGRAM



OUTDOOR UNIT  
CONTROLLER PCB ASSEMBLY  
K06DZ-0801HUE-C1



OUTDOOR UNIT  
POWER SUPPLY PCB ASSEMBLY  
K04BA-0401HUE-P0



# ERROR DETECTION

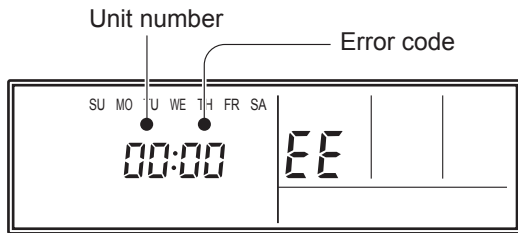
## REMOTE CONTROL

### 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

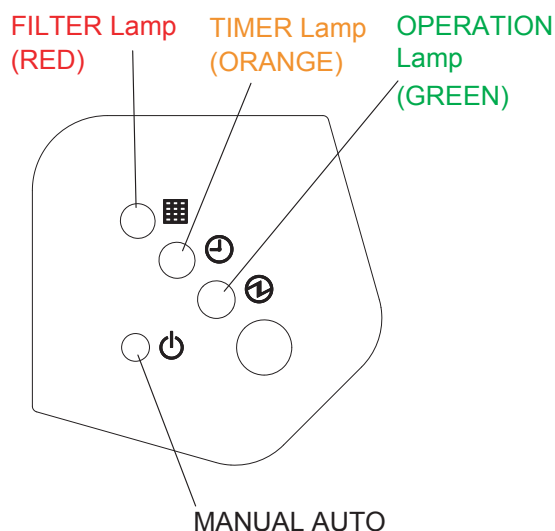
If "CO" appears in the unit number display, there is a remote control error. Refer to the installation instruction sheet included with the remote control.

| Error code           | Error contents                                           |
|----------------------|----------------------------------------------------------|
| 01<br>13<br>26<br>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 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         | PFC 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 LED

Make a TEST RUN in accordance with the installation instruction sheet for the indoor unit.

When a malfunction occurs in the outdoor unit, the LED on the circuit board lights to indicate the error. Refer to the following table for the description of each error according to the LED.

| LED                                | Error contents                                      |
|------------------------------------|-----------------------------------------------------|
| 1 flash                            | Communication error<br>(Indoor unit - Outdoor unit) |
| 2 flash                            | Discharg pipe temperature sensor                    |
| 3 flash                            | Outdoor heat exchanger temperature (outlet) sensor  |
| 4 flash                            | Outdoor temperature sensor                          |
| 5 flash                            | Outdoor heat exchanger temperature (mid) sensor     |
| 6 flash                            | Discharge pipe temperature abnormal                 |
| 7 flash                            | Compressor temperature sensor                       |
| 8 flash                            | Heat sink temperature sensor                        |
| 9 flash                            | Pressure switch abnormal                            |
| 10 flash                           | Compressor temperature abnormal                     |
| 12 flash                           | IPM error                                           |
| 13 flash                           | Compressor rotor position cannot detect             |
| 14 flash                           | Compressor cannot operate                           |
| 15 flash                           | Outdoor fan abnormal (upper fan)                    |
| 16 flash                           | Outdoor fan abnormal (lower fan)                    |
| 5 sec. on/<br>1 sec. off<br>repeat | Protect operation                                   |
| 1 sec. on/<br>1 sec. off<br>repeat | Pump down operation                                 |
| off                                | No error                                            |



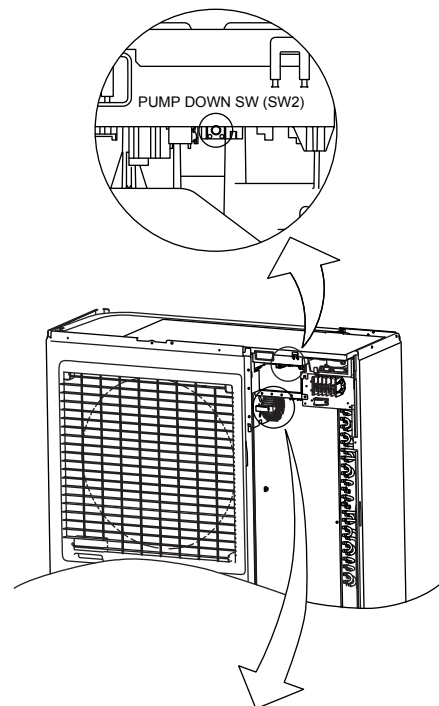
# SPECIAL INSTALLATION SETTING

## PUMP DOWN (Refrigerant collecting operation)

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

### 1. When the product is stopped:

|   |                                                                                                                                                      |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------|
| ① | Press the PUMP DOWN switch on the outdoor unit.<br>(The LED on the outdoor unit circuit board starts flashing.)<br>(1 sec. on / 1 sec. off repeated) |
| ② | The pump down operation (cooling operation) begins right away. After operation starts, close the three-way valve (liquid).                           |
| ③ | After 2 - 3 minutes, operation stops. Close the three-way valve (gas) within one minute after operations stops.                                      |
| ④ | The LED will go out three minutes after it stops. Disconnect the power supply after confirming that the LED has gone out.                            |



### 2. When the product is operating:

|   |                                                                                                                                                                                                                                                                                 |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ① | Press the PUMP DOWN switch on the outdoor unit.<br>The LED on the outdoor unit circuit board starts flashing ( 1 sec. on / 1 sec. off repeated), and operation stops.<br>At this point, recovery has not been completed, so do not close the three-way valves. (liquid and gas) |
| ② | The pump down operation (cooling operation) begins after three minutes. Close the three-way valve (liquid) after operation starts.                                                                                                                                              |
| ③ | After 2 - 3 minutes, operation stops. Close the three-way valve (gas) within one minute after operations stops.                                                                                                                                                                 |
| ④ | The LED will go out three minutes after it stops. Disconnect the power supply after confirming that the LED has gone out.                                                                                                                                                       |

**⚠ DANGER**

This part (Choke coil) generates high voltages. Never touch this part.

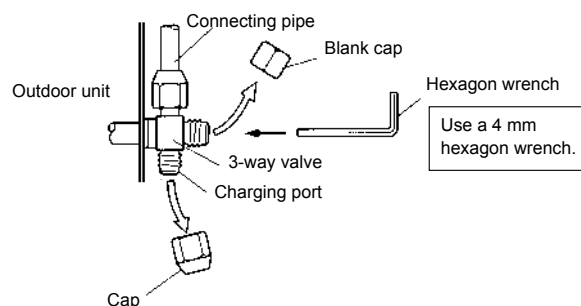
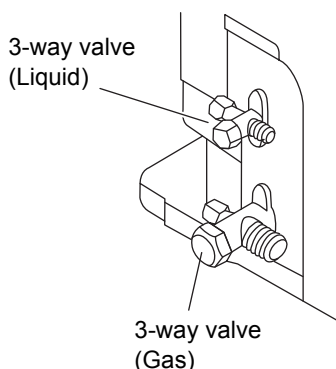
\*When the pump down operation is repeated, temporarily disconnect the power supply after opening the closed valves (both liquid and gas).

Reconnect the power supply after 2 - 3 minutes and perform the pump down operation.

\*When the start of the operation after pump down operation has been completed, temporarily disconnect the power supply after opening the closed valves (both liquid and gas).

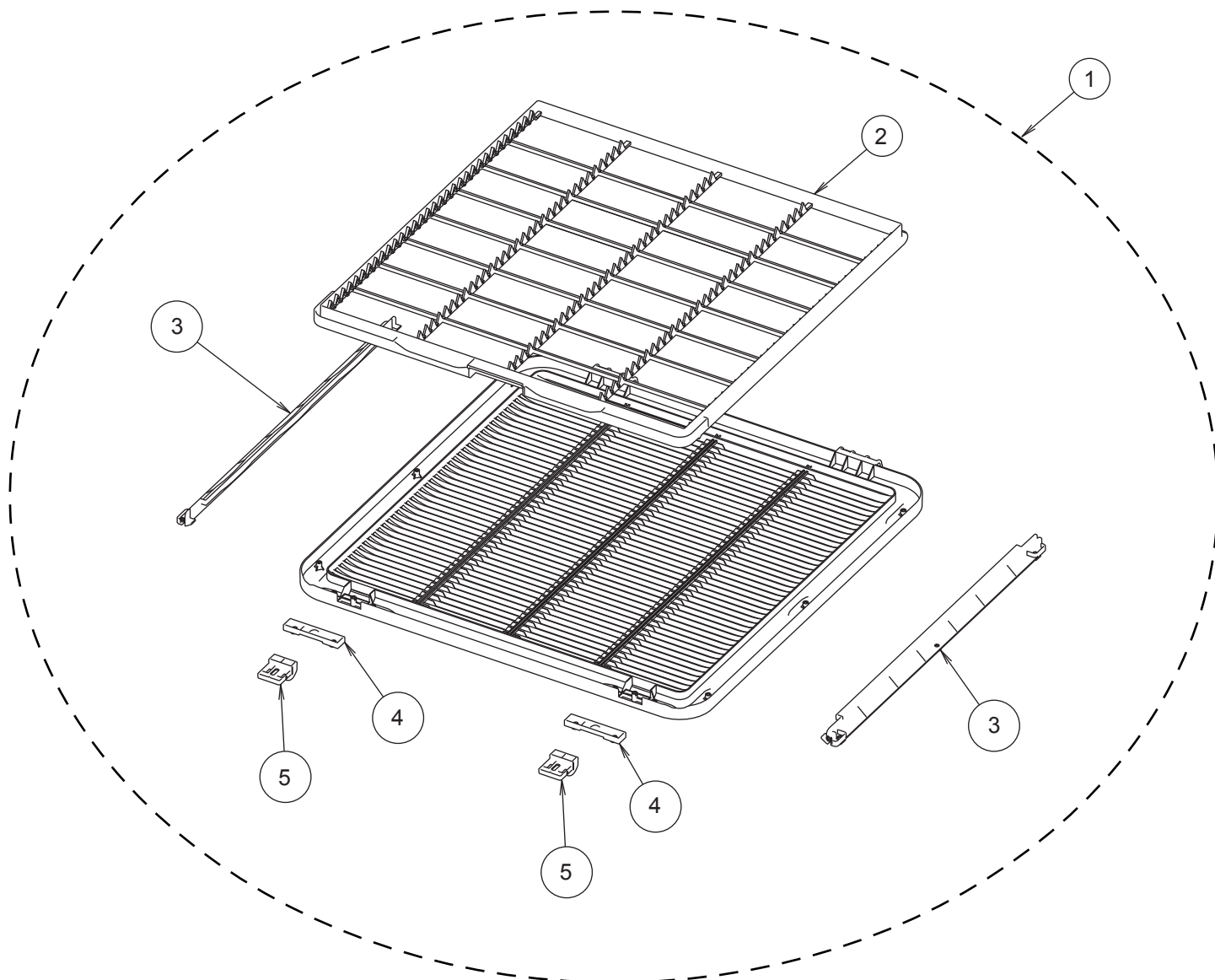
Reconnect the power supply after 2-3 minutes and be sure to perform a test operation for cooling.

|                          |                    | Tightening torque                |
|--------------------------|--------------------|----------------------------------|
| Blank cap                | 6.35 mm (1/4 in.)  | 20 to 25 N-m (200 to 250 kgf-cm) |
|                          | 9.52 mm (3/8 in.)  | 20 to 25 N-m (200 to 250 kgf-cm) |
|                          | 12.70 mm (1/2 in.) | 25 to 30 N-m (250 to 300 kgf-cm) |
|                          | 15.88 mm (5/8 in.) | 30 to 35 N-m (300 to 350 kgf-cm) |
|                          | 19.05 mm (3/4 in.) | 35 to 40 N-m (350 to 400 kgf-cm) |
| Charging port cap        |                    | 10 to 12 N-m (100 to 120 kgf-cm) |
| Spindle (Hexagon wrench) |                    | 6 to 7 N-m (60 to 70 kgf-cm)     |

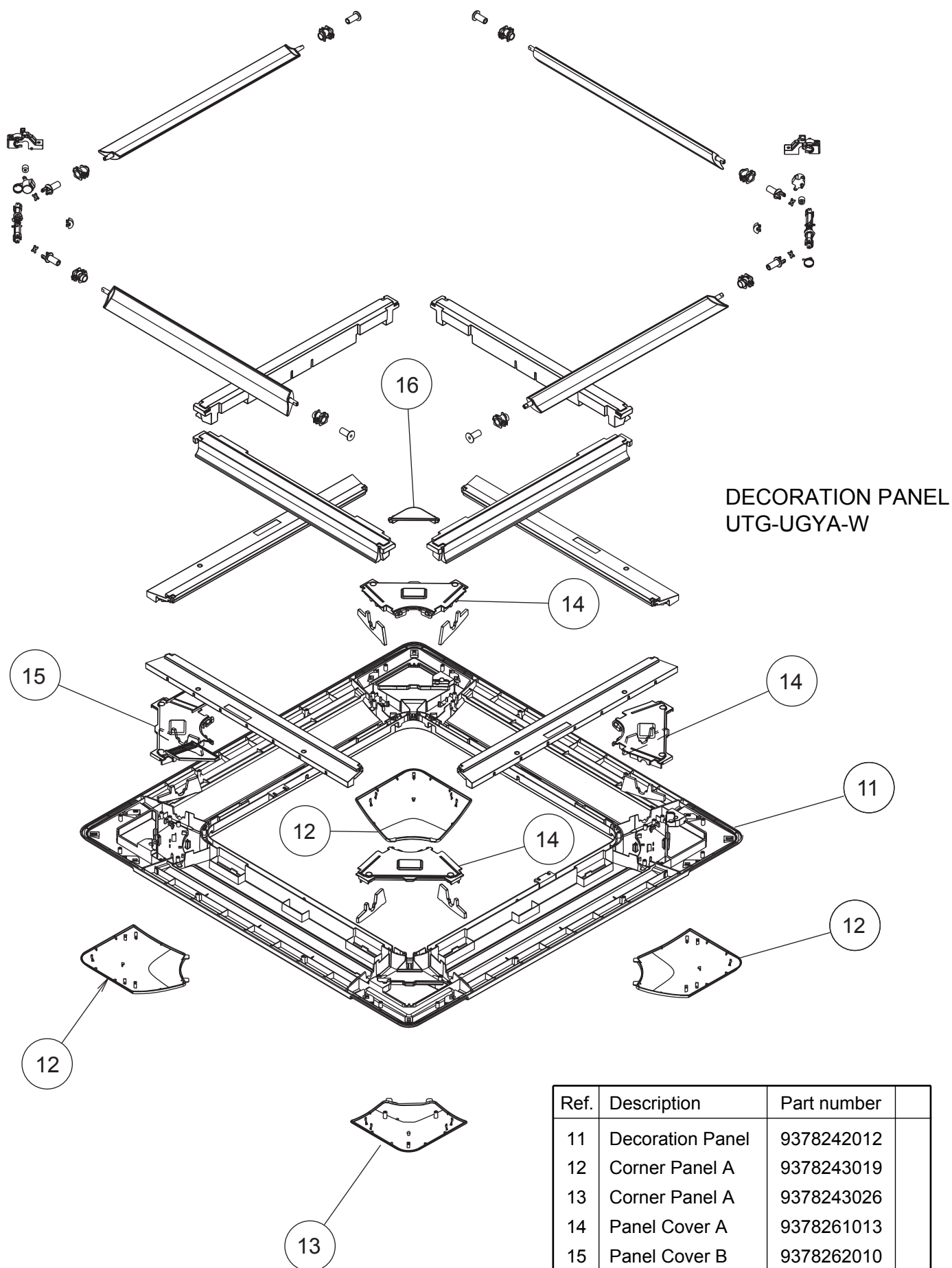


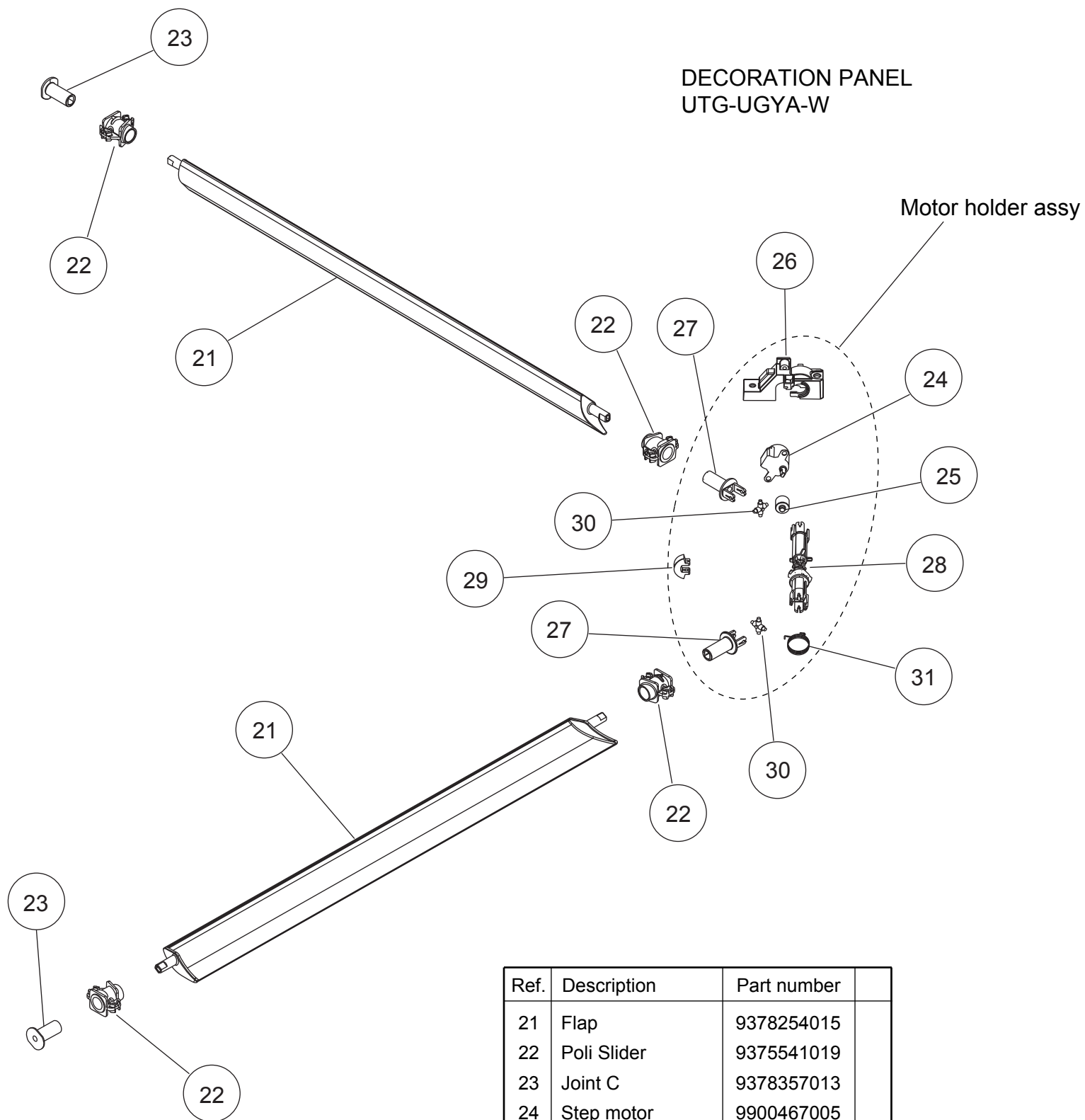
## PARTS

DECORATION PANEL  
UTG-UGYA-W



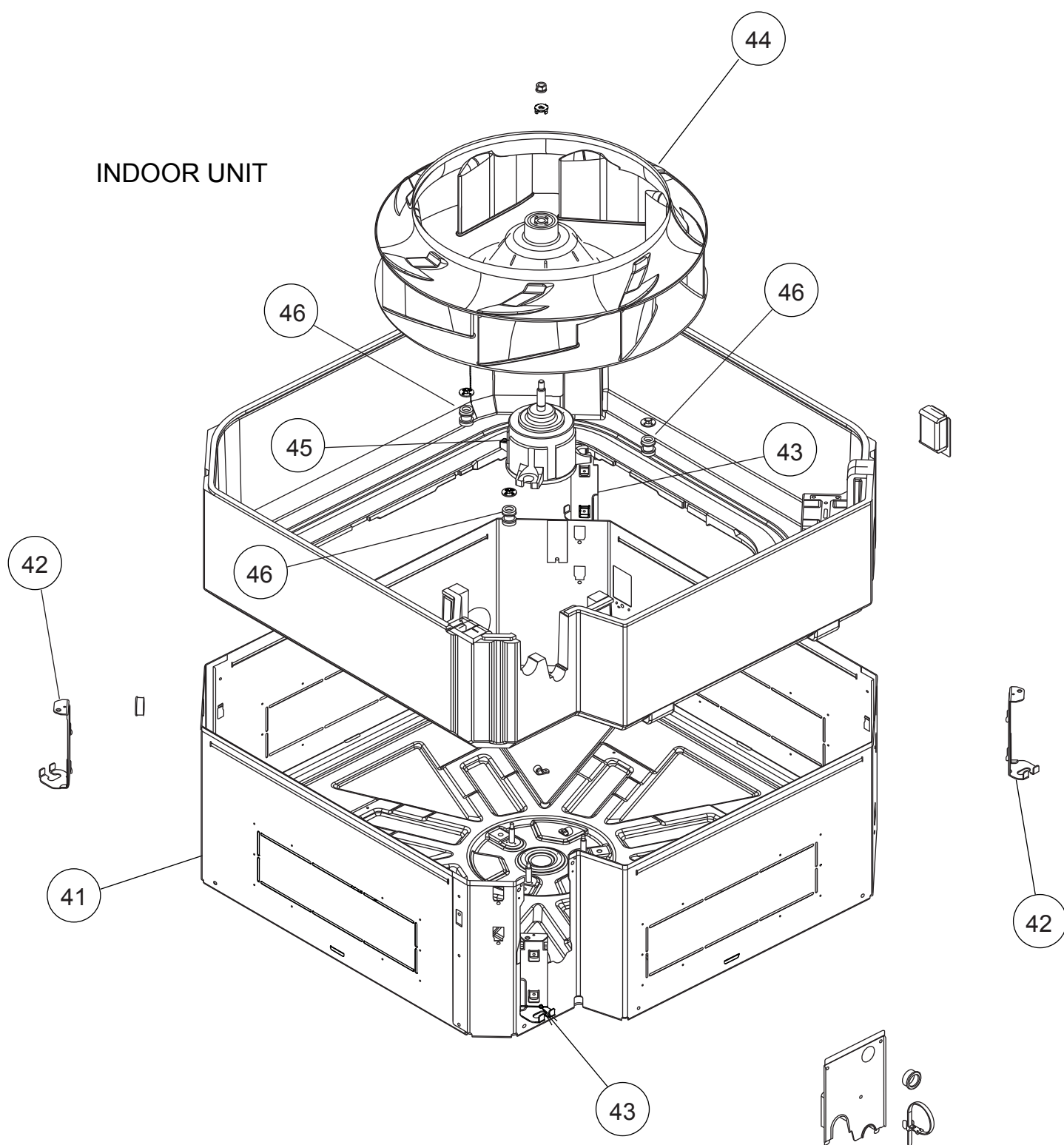
| Ref. | Description        | Part number |  |
|------|--------------------|-------------|--|
| 1    | Intake Grille Assy | 9378565012  |  |
| 2    | Long Life Filter   | 9378252011  |  |
| 3    | Filter Guide       | 9378253018  |  |
| 4    | Hook Bracket       | 9378435018  |  |
| 5    | Grille Hook        | 9378250017  |  |





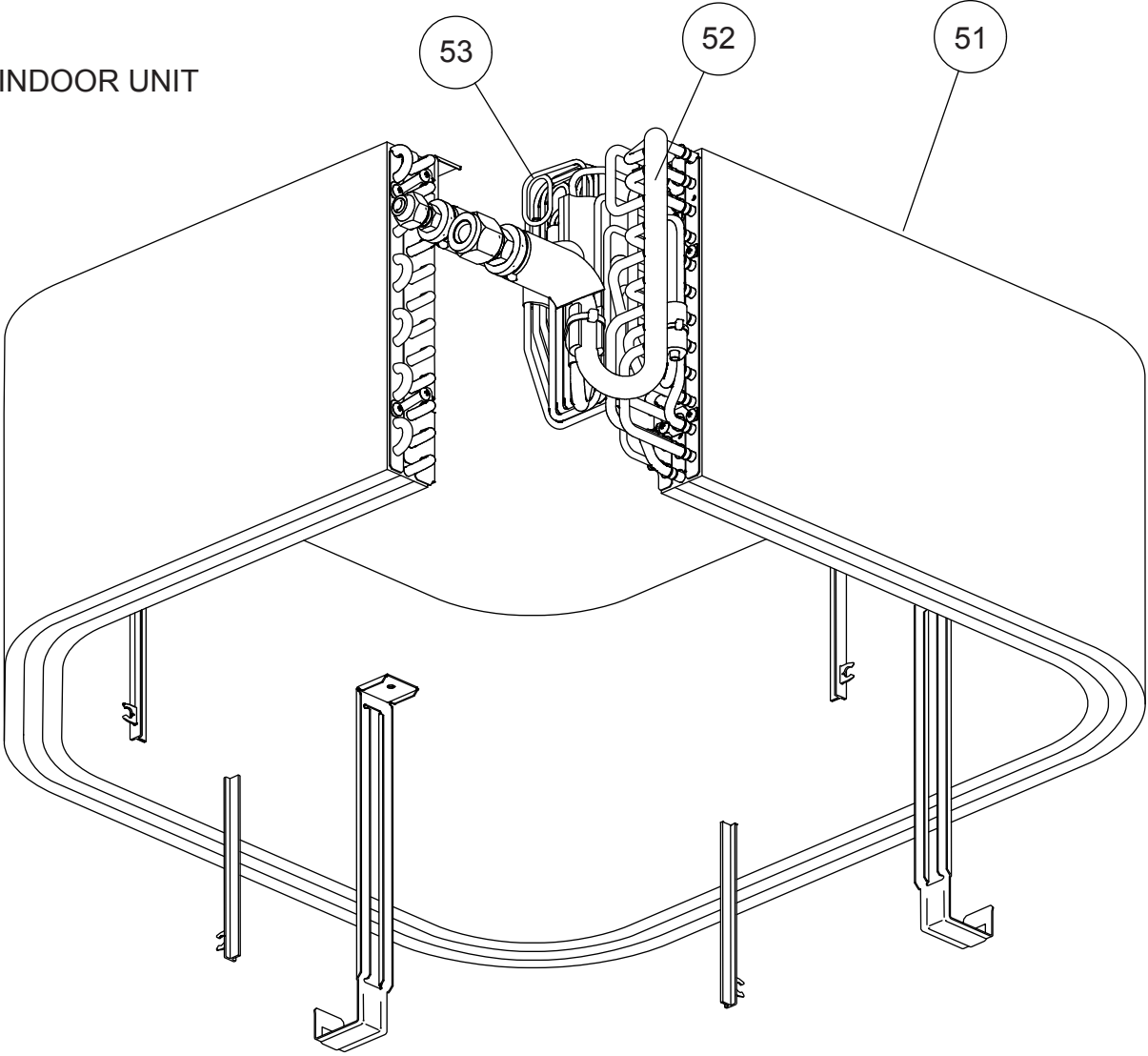
| Ref. | Description       | Part number |  |
|------|-------------------|-------------|--|
| 21   | Flap              | 9378254015  |  |
| 22   | Poli Slider       | 9375541019  |  |
| 23   | Joint C           | 9378357013  |  |
| 24   | Step motor        | 9900467005  |  |
| 25   | Gear A            | 9378256019  |  |
| 26   | Motor Holder      | 9378255012  |  |
| 27   | Joint A           | 9378258013  |  |
| 28   | Joint B           | 9378259010  |  |
| 29   | Gear B            | 9378257016  |  |
| 30   | Joint Shaft       | 9378260016  |  |
| 31   | Flap Spring       | 9378356016  |  |
| --   | Wire (Step Motor) | 9707869019  |  |
| --   | Wire (Step Motor) | 9707869026  |  |

## INDOOR UNIT



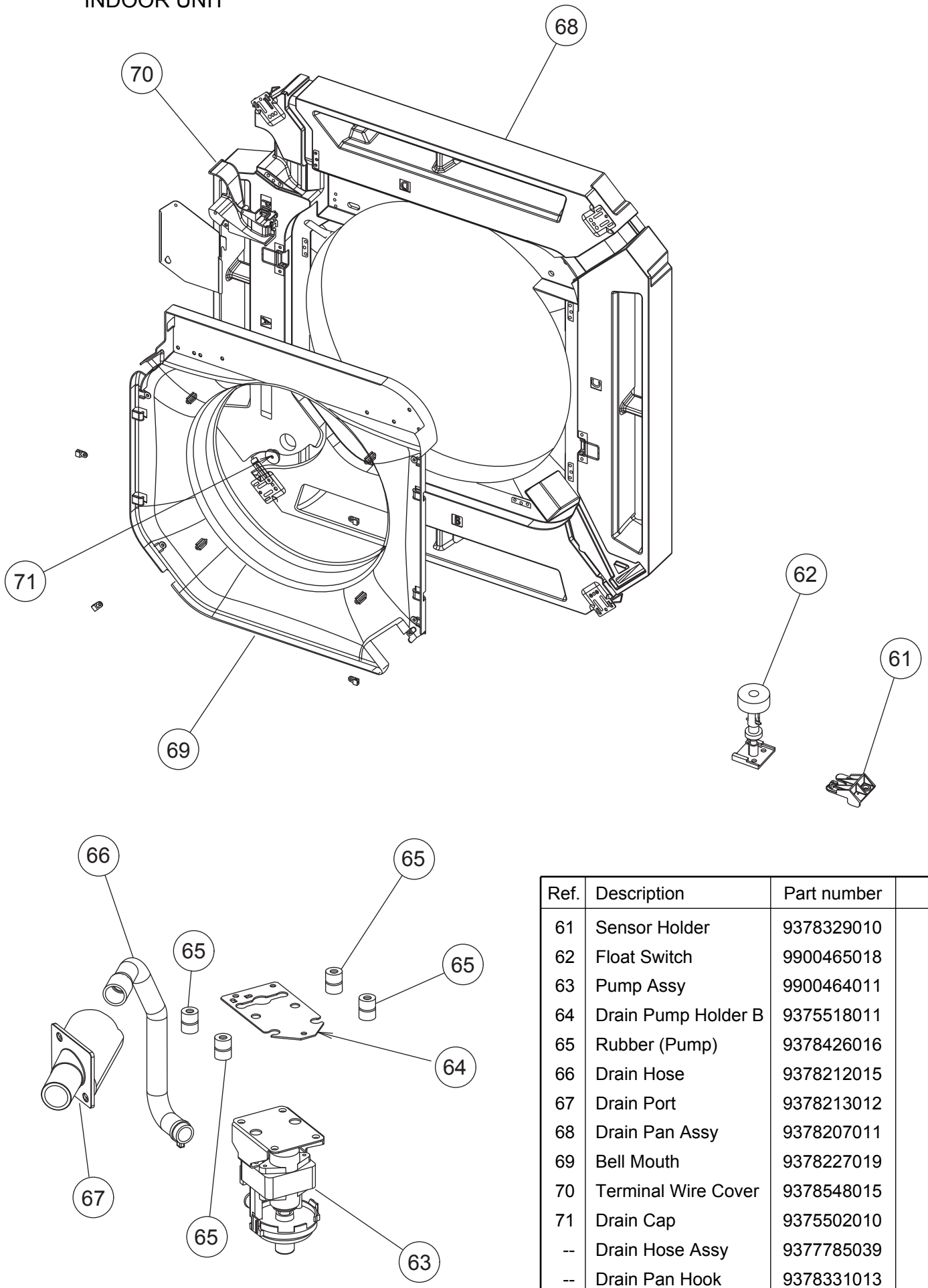
| Ref. | Description         | Part number |  |
|------|---------------------|-------------|--|
| 41   | Cabinet C           | 9378196018  |  |
| 42   | Hook R              | 9378197015  |  |
| 43   | Hook L              | 9378198012  |  |
| 44   | Turbo Fan Assy      | 9378228016  |  |
| 45   | Motor, DC Brushless | 9602716005  |  |
| 46   | Rubber (Motor)      | 9378223011  |  |

INDOOR UNIT



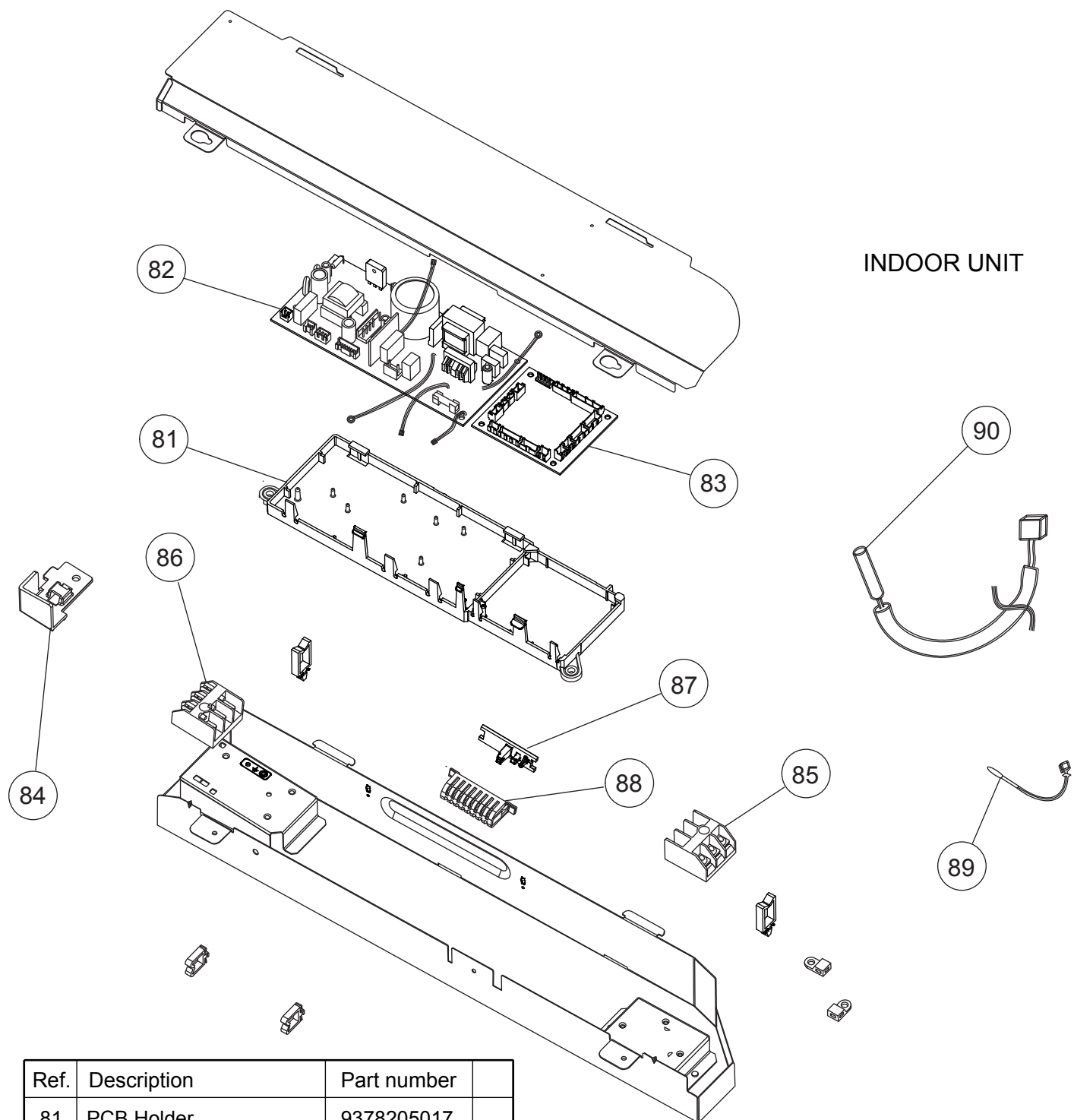
| Ref. | Description           | Part number |  |
|------|-----------------------|-------------|--|
| 51   | Evaporator Total Assy | 9378580053  |  |
| 52   | Coupling Pipe Assy    | 9373038627  |  |
| 53   | Distributor Assy      | 9371325552  |  |

## INDOOR UNIT



| Ref. | Description         | Part number |  |
|------|---------------------|-------------|--|
| 61   | Sensor Holder       | 9378329010  |  |
| 62   | Float Switch        | 9900465018  |  |
| 63   | Pump Assy           | 9900464011  |  |
| 64   | Drain Pump Holder B | 9375518011  |  |
| 65   | Rubber (Pump)       | 9378426016  |  |
| 66   | Drain Hose          | 9378212015  |  |
| 67   | Drain Port          | 9378213012  |  |
| 68   | Drain Pan Assy      | 9378207011  |  |
| 69   | Bell Mouth          | 9378227019  |  |
| 70   | Terminal Wire Cover | 9378548015  |  |
| 71   | Drain Cap           | 9375502010  |  |
| --   | Drain Hose Assy     | 9377785039  |  |
| --   | Drain Pan Hook      | 9378331013  |  |





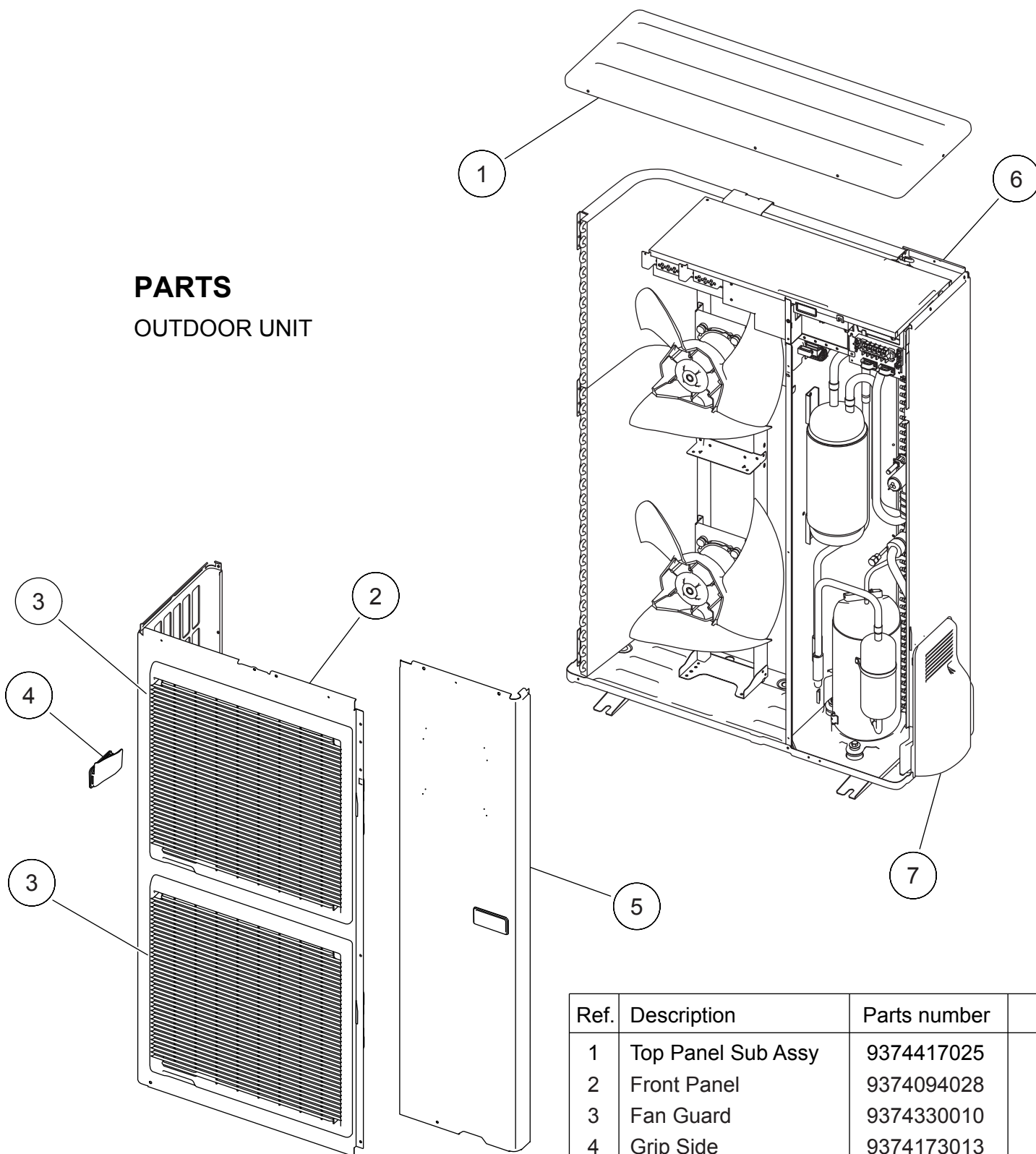
## INDOOR UNIT

| Ref. | Description                    | Part number |
|------|--------------------------------|-------------|
| 81   | PCB Holder                     | 9378205017  |
| 82   | Power PCB Assy                 | 9707398175  |
| 83   | Controller PCB Assy            | 9707393422  |
| 84   | Clamp                          | 9378237018  |
| 85   | Terminal 3P                    | 9306489045  |
| 86   | Terminal 3P                    | 9703345012  |
| 87   | Thermistor Holder A            | 9378206014  |
| 88   | Thermistor Holder B            | 9378330016  |
| 89   | Room Thermistor                | 9900445010  |
| 90   | Pipe Thermistor                | 9900470012  |
| --   | Remote Control                 | 9372266199  |
| --   | Wire (to Remote Control)       | 9703301049  |
| --   | Wire (Control - Power) 8 lines | 9703339035  |
| --   | Wire (Control - Power) 3 lines | 9707442021  |



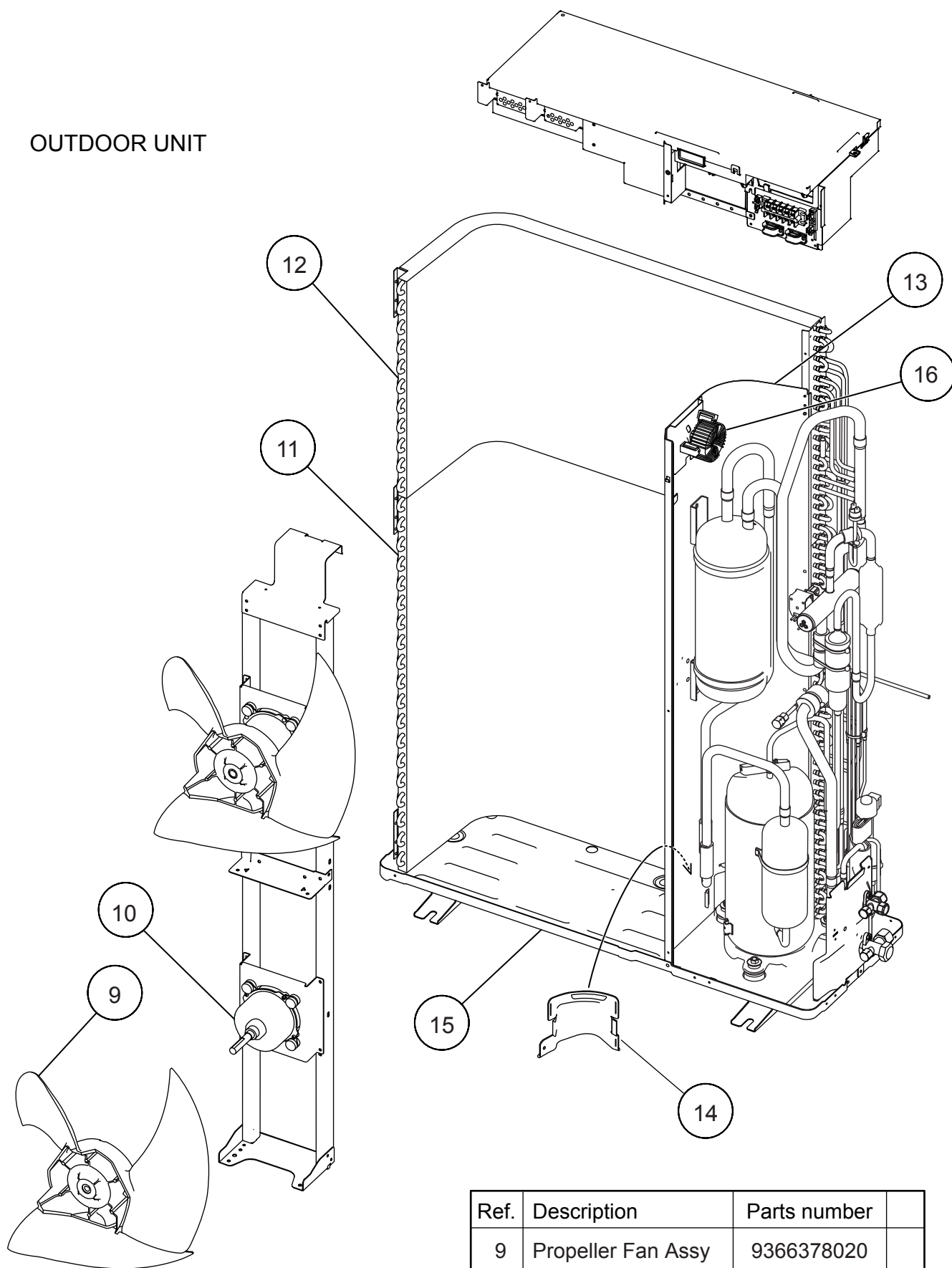
## PARTS

### OUTDOOR UNIT



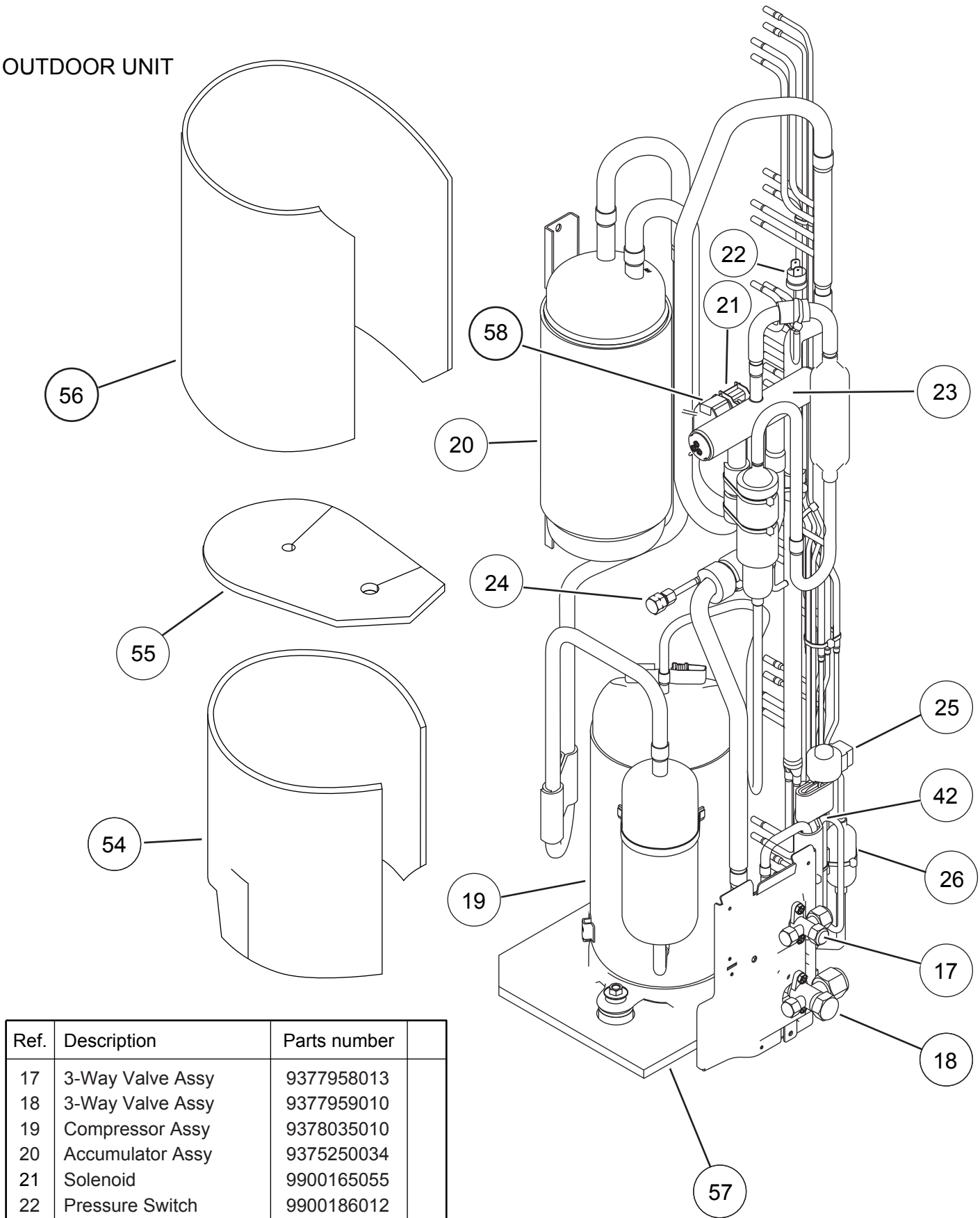
| Ref. | Description            | Parts number |  |
|------|------------------------|--------------|--|
| 1    | Top Panel Sub Assy     | 9374417025   |  |
| 2    | Front Panel            | 9374094028   |  |
| 3    | Fan Guard              | 9374330010   |  |
| 4    | Grip Side              | 9374173013   |  |
| 5    | Service Panel Sub Assy | 9374415069   |  |
| 6    | Right Panel Sub Assy   | 9374416141   |  |
| 7    | Valve Cover            | 9374174010   |  |
| --   | Emblem Rear            | 9351355005   |  |

## OUTDOOR UNIT



| Ref. | Description        | Parts number |
|------|--------------------|--------------|
| 9    | Propeller Fan Assy | 9366378020   |
| 10   | Motor DC Brushless | 9601882015   |
| 11   | Condenser A Assy   | 9374433018   |
| 12   | Condenser B Assy   | 9374434015   |
| 13   | Separate Wall      | 9374629015   |
| 14   | Cap Foot           | 9374345014   |
| 15   | Base Assy          | 9374166046   |
| 16   | Coil Choke         | 9703458019   |

OUTDOOR UNIT

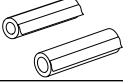
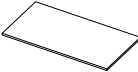
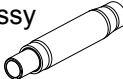


| Ref. | Description            | Parts number |  |
|------|------------------------|--------------|--|
| 17   | 3-Way Valve Assy       | 9377958013   |  |
| 18   | 3-Way Valve Assy       | 9377959010   |  |
| 19   | Compressor Assy        | 9378035010   |  |
| 20   | Accumulator Assy       | 9375250034   |  |
| 21   | Solenoid               | 9900165055   |  |
| 22   | Pressure Switch        | 9900186012   |  |
| 23   | 4-Way Valve            | 9970035029   |  |
| 24   | Check Valve Assy       | 9374274017   |  |
| 25   | Coil (Expansion Valve) | 9900197025   |  |
| 26   | Strainer Assy          | 9372524039   |  |
| 42   | Expansion Valve Assy   | 9370947175   |  |
| 54   | Compressor Cover A     | 9374430109   |  |
| 55   | Compressor Cover B     | 9374431106   |  |
| 56   | Compressor Cover C     | 9372067086   |  |
| 57   | Compressor Cover D     | 9375382025   |  |
| 58   | Solenoid               | 9900165055   |  |

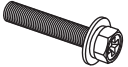
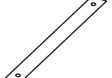


## ACCESSORIES

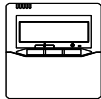
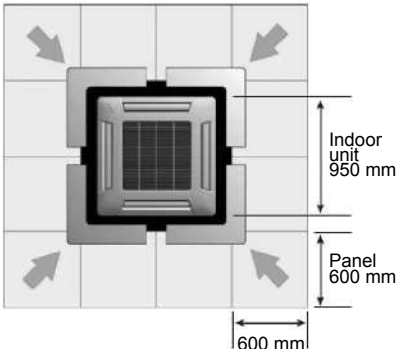
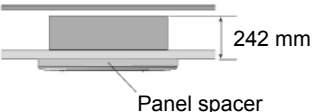
### INDOOR UNIT

| Name and Shape                                                                                                        | Q'ty | Application                      | Part number                          |
|-----------------------------------------------------------------------------------------------------------------------|------|----------------------------------|--------------------------------------|
| Template<br>(Carton top)             | 1    | For installing indoor unit       | 9378552029                           |
| Washer                               | 8    | For installing indoor unit       | 0700132278                           |
| Coupler heat<br>insulation           | 2    | For indoor side pipe joint       | Large:9378173569<br>Small:9378173521 |
| Insulation                           | 1    | For installing drain pipe        | 9314450419                           |
| Drain hose assy                      | 1    | For installing drain pipe        | 9377785039                           |
| Hose band assy                       | 1    | For installing drain pipe        | 9378427013                           |
| Drain pipe<br>insulation             | 1    | For installing drain pipe        | 9378601017                           |
| Binder (Large)                      | 3    | For electrincal wiring           | 313035356905                         |
| Binder (Small)                     | 1    | For electrincal wiring           | 313361275805                         |
| Wired remote<br>control            | 1    |                                  | 9372266199                           |
| Tapping screw<br>( $\phi$ 4 x 16)  | 2    | For installing remote<br>control | 0700181108                           |

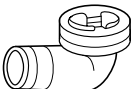
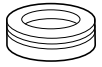
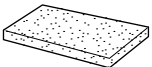
### DECORATION PANEL

| Name and Shape                                                                                             | Q'ty | Application                           | Part number |
|------------------------------------------------------------------------------------------------------------|------|---------------------------------------|-------------|
| Hexigon<br>Screw        | 4    | For mounting decoration<br>panel      | 0700087103  |
| Screw                   | 4    | For installing grille<br>holding wire | 0700009037  |
| Strap                   | 4    | For installing corner<br>panel        | 9378558014  |
| Grille<br>holding Wire  | 2    | For installing intake grille          | 9378597020  |

## OPTIONAL PARTS

| Name and Shape                                                                                                       | Model name | Application                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------------------------|
| Wired remote contro                 | UTB-TUD    | Control unit on wall                                                                                                      |
| Air outlet shutter plate            | UTR-YDZC   | Install the plate at outlet when carrying out 3-way direction operation.                                                  |
| Wireless remote control             | UTB-YNA    | Control unit wirelessly                                                                                                   |
| IR reciever unit                    | UTY-LRHYA1 | Control unit wirelessly                                                                                                   |
| Wide panel                         | UTG-AGYA   | For ceiling hole                                                                                                          |
| Panel spacer                      | UTG-BGYA-W | For making up difference                                                                                                  |
| Insulation kit for high humidity  | UTZ-KXGA   | Install when the under roof condition is expected to be the humidity of over 80% and the temperature of over 30 degrees C |

## OUTDOOR UNIT

| Name and Shape                                                                                          | Q'ty | Application                                              | Part number  |
|---------------------------------------------------------------------------------------------------------|------|----------------------------------------------------------|--------------|
| Drain pipe           | 1    | For outdoor unit drain piping work                       | 9303029015   |
| Drain cap            | 2    |                                                          | 313166024302 |
| Installation (seal)  | 1    | For filling in a gap at the entrance of connection cords | 9374756018   |

