

SPLIT TYPE  
AIR CONDITIONER  
CASSETTE TYPE (50Hz)

# SERVICE MANUAL



| Indoor unit | Outdoor unit |
|-------------|--------------|
| AUYG30LRLE  | AOYG30LETL   |
| AUYG36LRLE  | AOYG36LETL   |

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# SPECIFICATIONS

## ELECTRICAL DATA

| TYPE                   |         | Cooling & Heating |             |
|------------------------|---------|-------------------|-------------|
| INDOOR UNIT            |         | AUYG30LRLE        | AUYG36LRLE  |
| DECORATION PANEL       |         | UTG-UGYA-W        |             |
| OUTDOOR UNIT           |         | AOYG30LETL        | AOYG36LETL  |
| COOLING CAPACITY       |         | 8.5 kW            | 10.0 kW     |
| HEATING CAPACITY       |         | 10.0 kW           | 11.2 kW     |
| POWER SOURCE           |         | 230 V, 50 Hz      |             |
| RUNNING CURRENT        | Cooling | 11.6 A            | 13.7 A      |
|                        | Heating | 12.2 A            | 13.3 A      |
| INPUT WATTS            | Cooling | 2.65 kW           | 3.12 kW     |
|                        | Heating | 2.77 kW           | 3.02 kW     |
| E.E.R                  | Cooling | 3.21 kW/kW        | 3.21 kW/kW  |
| COP                    | Heating | 3.61 kW/kW        | 3.71 kW/kW  |
| MOISTURE REMOVAL       |         | 2.5 L/hr          | 3.5 L/hr    |
| AIRCIRCULATION INDOOR  |         | 1,600 m3/hr       | 1,800 m3/hr |
| AIRCIRCULATION OUTDOOR |         | 3,600 m3/hr       | 3,800 m3/hr |
| MAXIMUM CURRENT        | Cooling | 17.0 A            | 18.5 A      |
|                        | Heating | 17.0 A            | 20.0 A      |

\* The above data are rating at 230 V.

## FAN SPEED

|              |                |            |            |
|--------------|----------------|------------|------------|
| INDOOR UNIT  | Discrimination | MFF-54TVM  |            |
|              | High speed     | 570 r.p.m. | 640 r.p.m. |
|              | Medium speed   | 510 r.p.m. | 510 r.p.m. |
|              | Low speed      | 470 r.p.m. | 470 r.p.m. |
|              | Quiet          | 420 r.p.m. | 420 r.p.m. |
| OUTDOOR UNIT | Discrimination | MFE-60TVT  |            |
|              | Speed          | 850 r.p.m. | 900 r.p.m. |

## NOISE LEVEL

|              |              |       |       |
|--------------|--------------|-------|-------|
| INDOOR UNIT  | High speed   | 40 dB | 43 dB |
|              | Medium speed | 38 dB | 38 dB |
|              | Low speed    | 36 dB | 36 dB |
|              | Quiet        | 32 dB | 32 dB |
| OUTDOOR UNIT | Cooling      | 53 dB | 54 dB |
|              | Heating      | 55 dB | 55 dB |

## COMPRESSOR AND REFRIGERANT

|                        |             |                                                         |         |
|------------------------|-------------|---------------------------------------------------------|---------|
| COMPRESSOR TYPE        |             | Hermetic type, Inverter, 6 poles, DC motor, Twin Rotary |         |
| DISCRIMINATION         |             | N-TF30ND1A                                              |         |
| WEIGHT (with oil)      |             | 15.3 kg                                                 |         |
| PRECHARGED REFRIGERANT |             | 2,100 g                                                 |         |
| REFRIGERANT TYPE       |             | R410A                                                   |         |
| MAX PIPE LENGTH        |             | 50 m                                                    |         |
| MAX PIPE HEIGHT        |             | 30 m                                                    |         |
| FULL CHARGE            | Pipe length | 20 m                                                    | 2,100 g |
|                        |             | 30 m                                                    | 2,500 g |
|                        |             | 40 m                                                    | 2,900 g |
|                        |             | 50 m                                                    | 3,300 g |
| ADDITIONAL CHARGE      |             | 40 g/m                                                  |         |

## DIMENSIONS

|                  |           |                    |
|------------------|-----------|--------------------|
| INDOOR UNIT      | H x W x D | 288 x 840 x 840 mm |
| DECORATION PANEL | H x W x D | 50 x 950 x 950 mm  |
| OUTDOOR UNIT     | H x W x D | 830 x 900 x 330 mm |

## WEIGHT

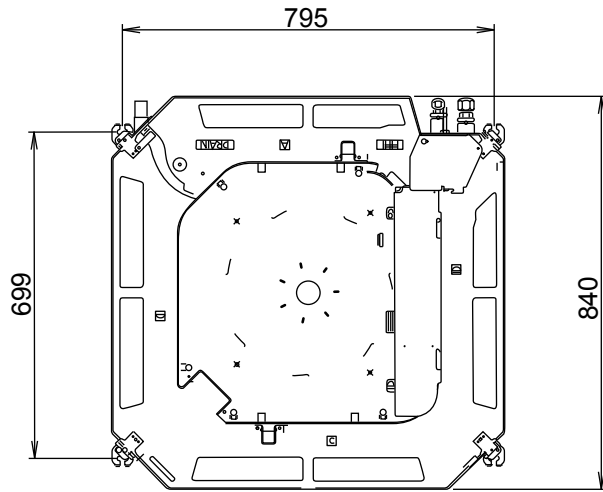
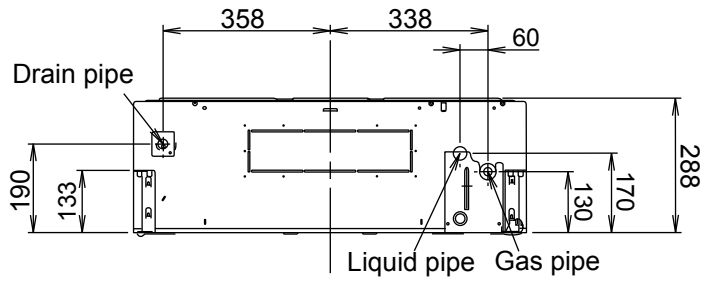
|                  |                |                 |
|------------------|----------------|-----------------|
| INDOOR UNIT      | Net / Shipping | 26 kg / 31 kg   |
| DECORATION PANEL | Net / Shipping | 5.5 kg / 8.5 kg |
| OUTDOOR UNIT     | Net / Shipping | 61 kg / 68 kg   |

# DIMENSIONS

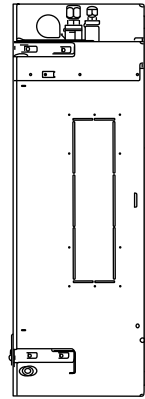
(Unit : mm)

## INDOOR UNIT DECORATION PANEL

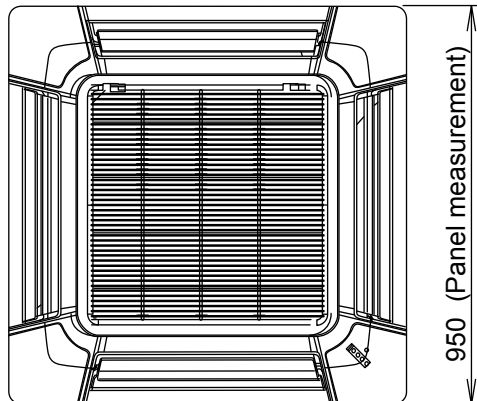
Drain pipe diameter  
Inside : 20 mm  
Outside : 26 mm



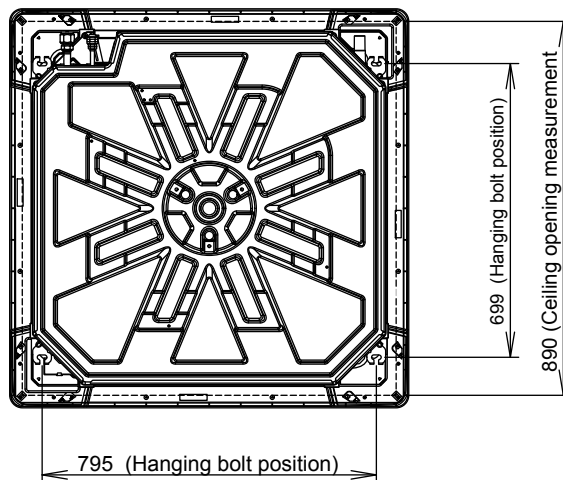
Bottom view



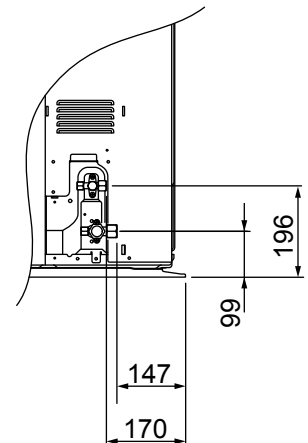
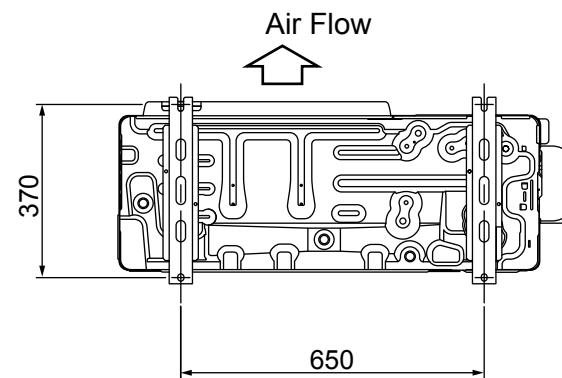
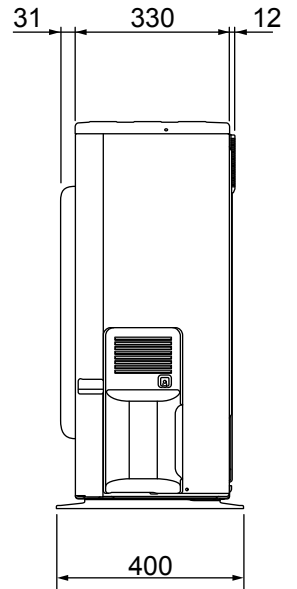
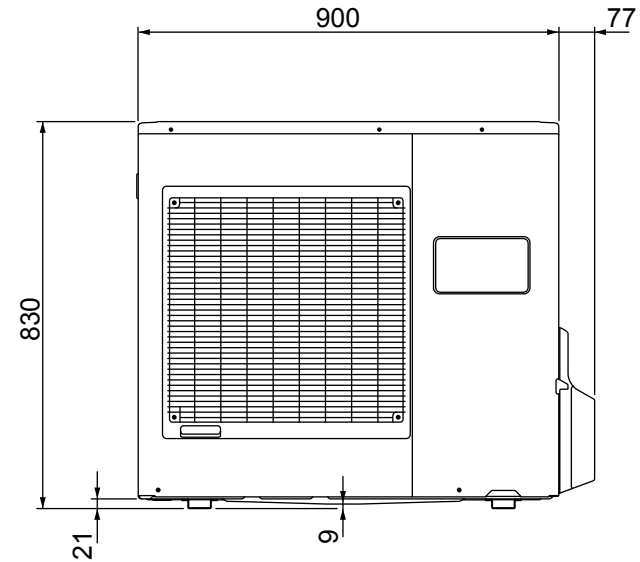
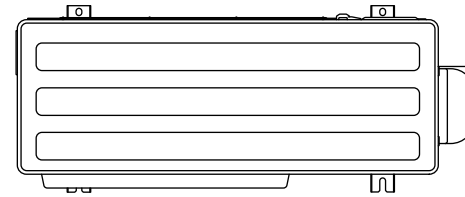
Bottom view



Top view

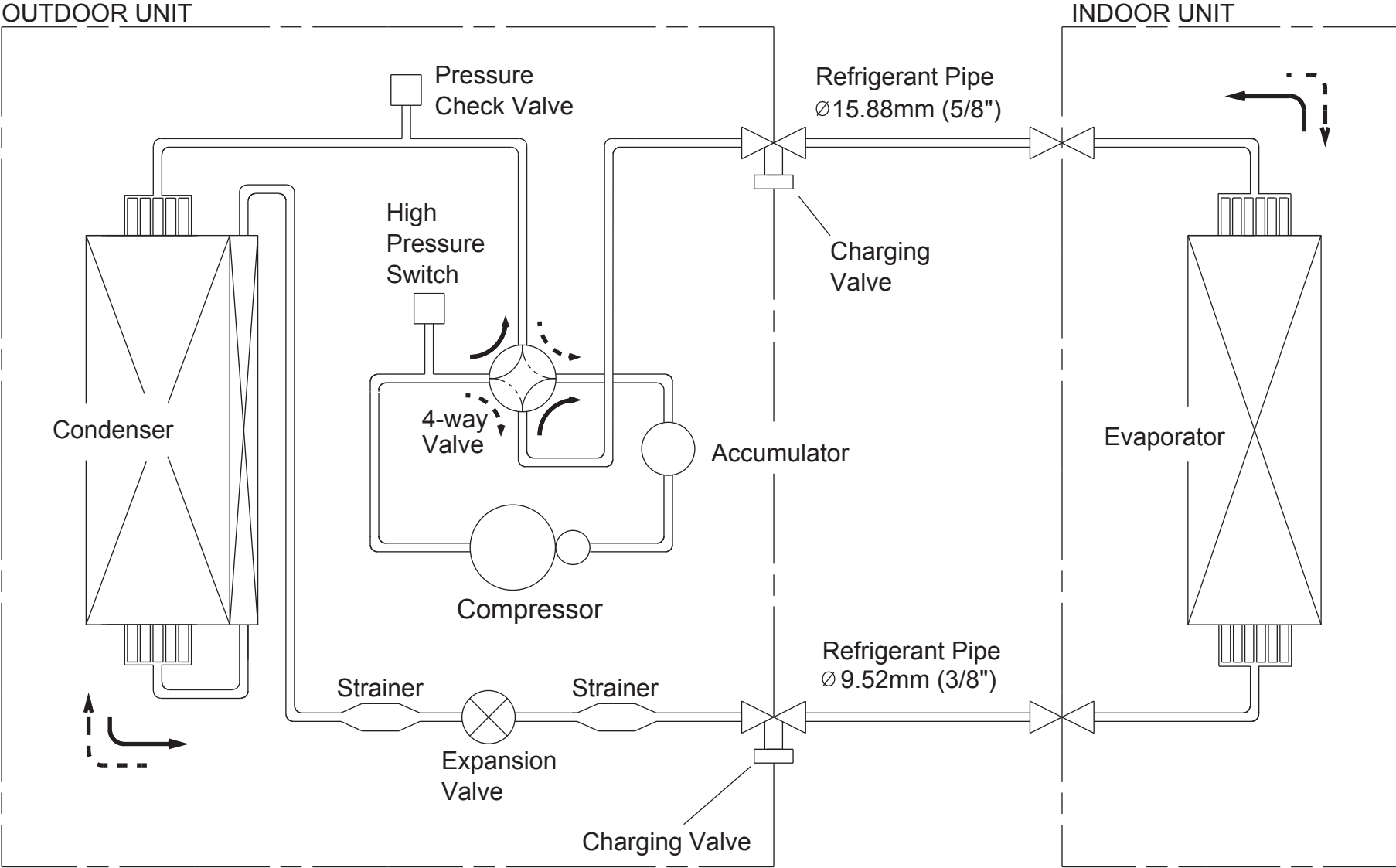


## OUTDOOR UNIT

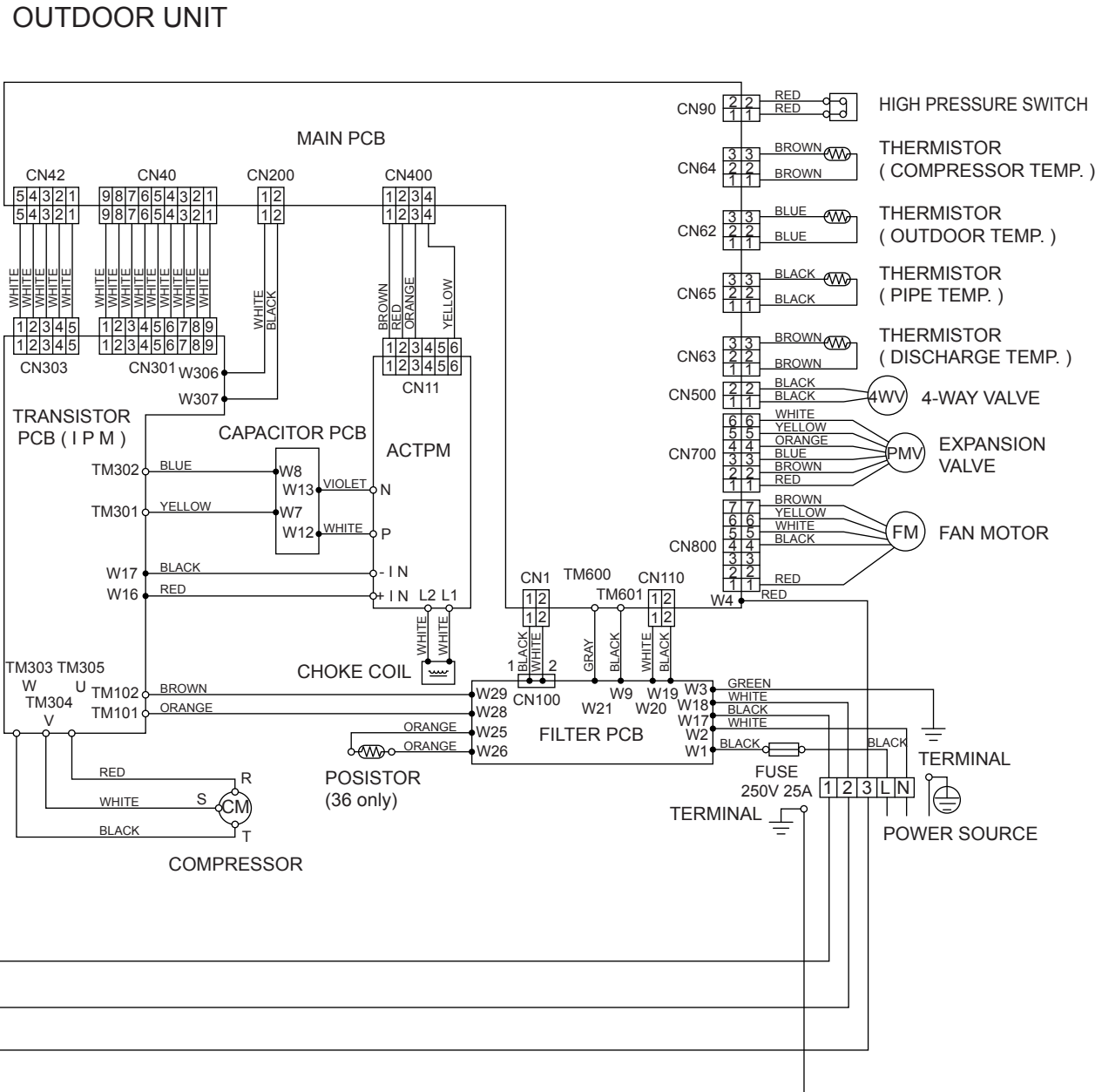
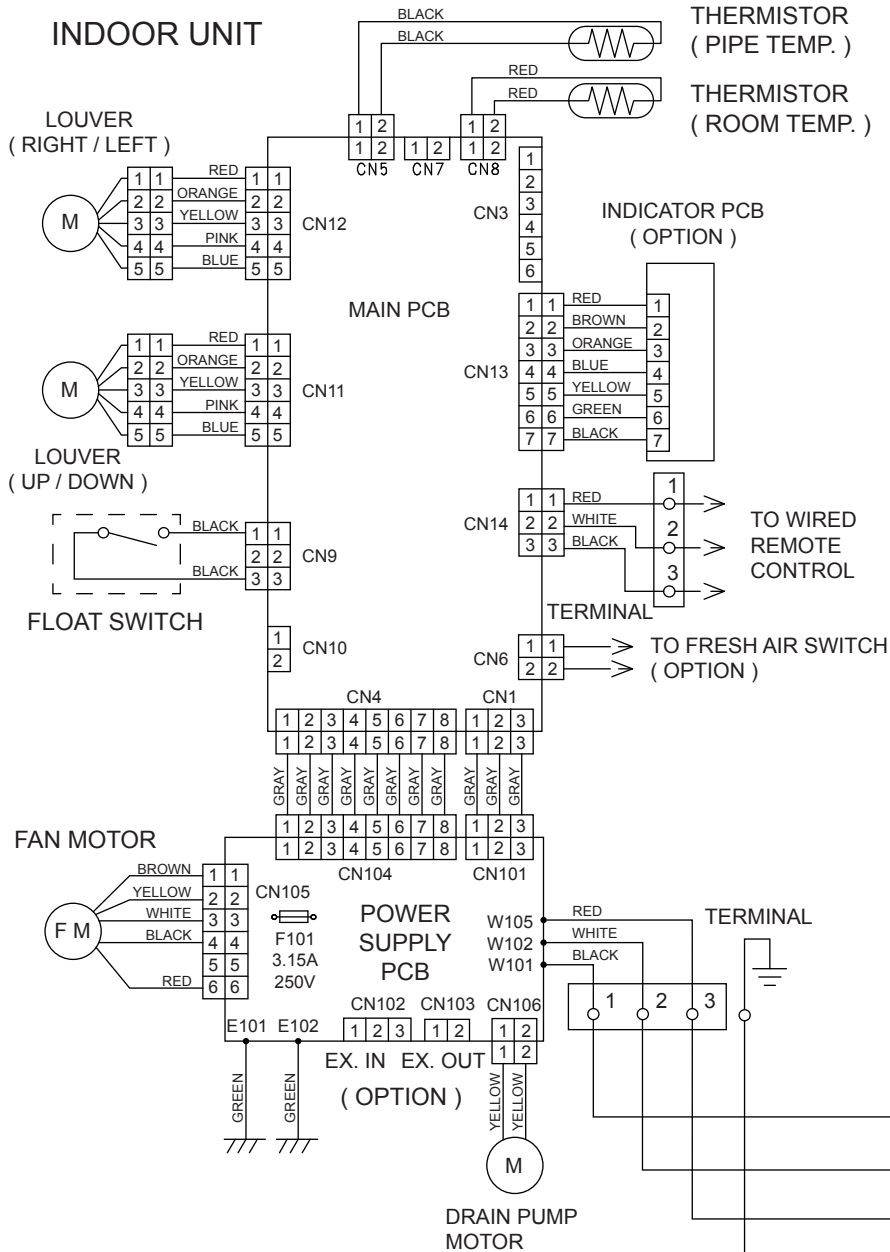


**REFRIGERANT  
SYSTEM DIAGRAM**

Refrigerant direction  
—→ : Cool  
- - -> : Heat



# CIRCUIT DIAGRAM

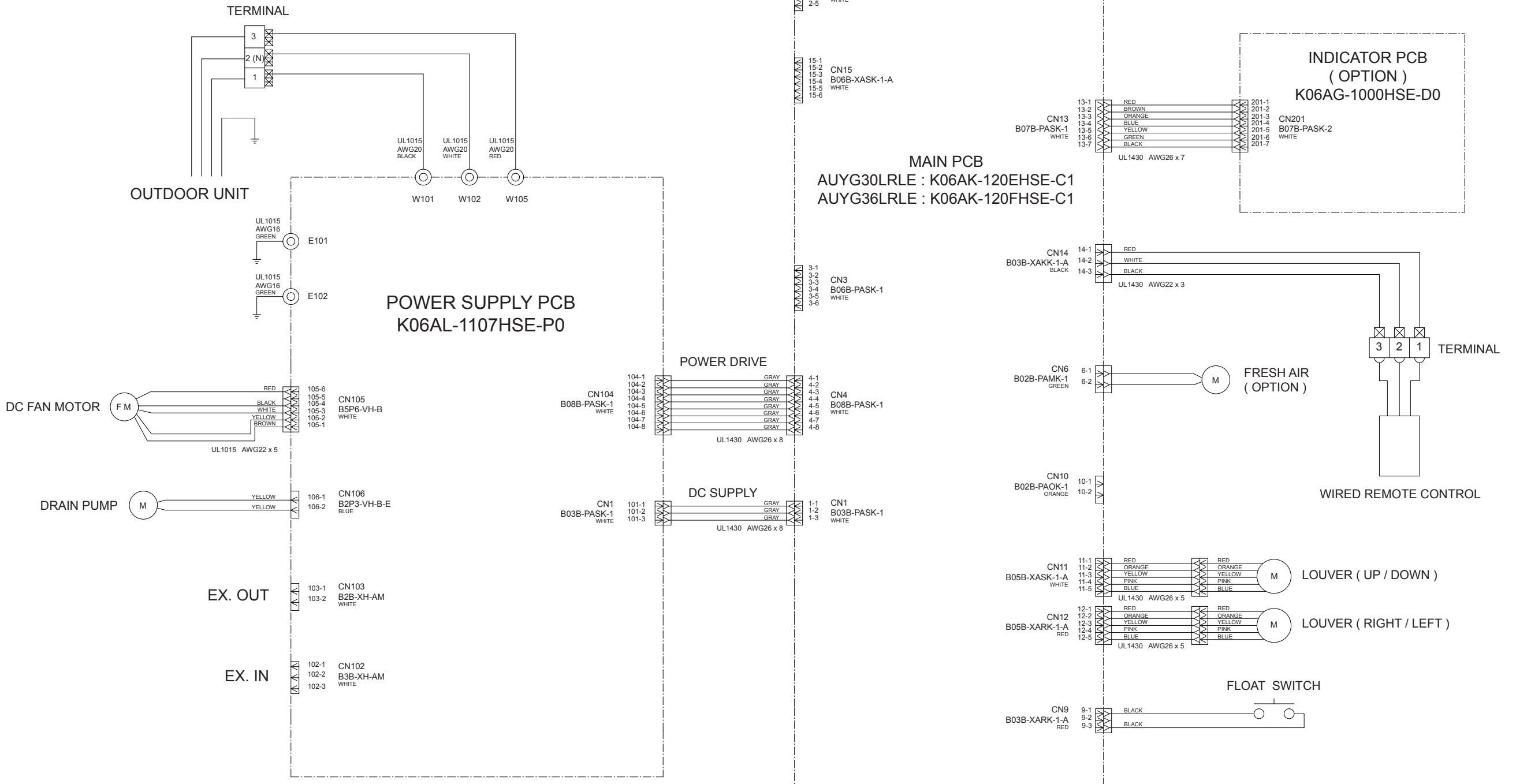


# INDOOR PCB CIRCUIT DIAGRAM

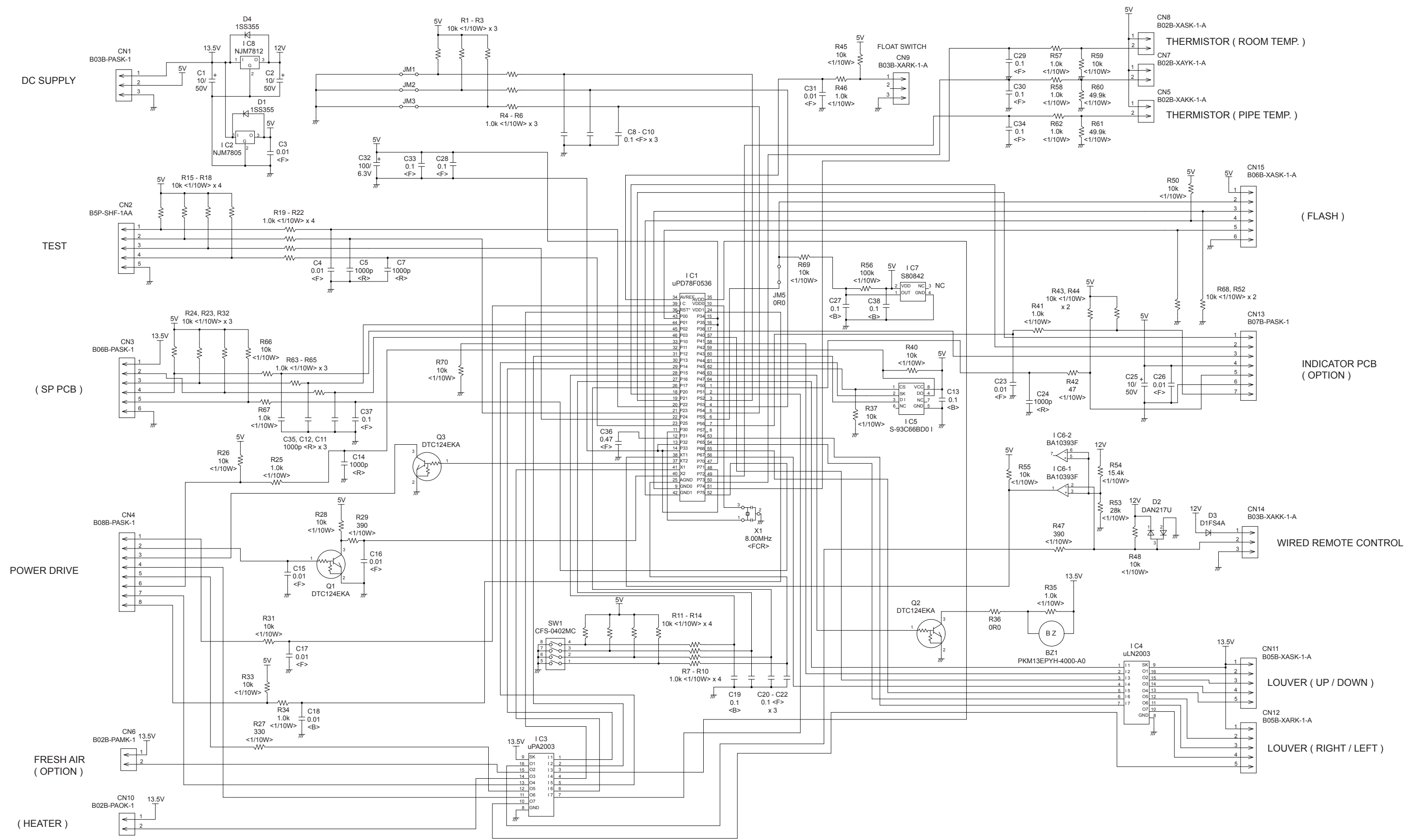
## CONTROL UNIT

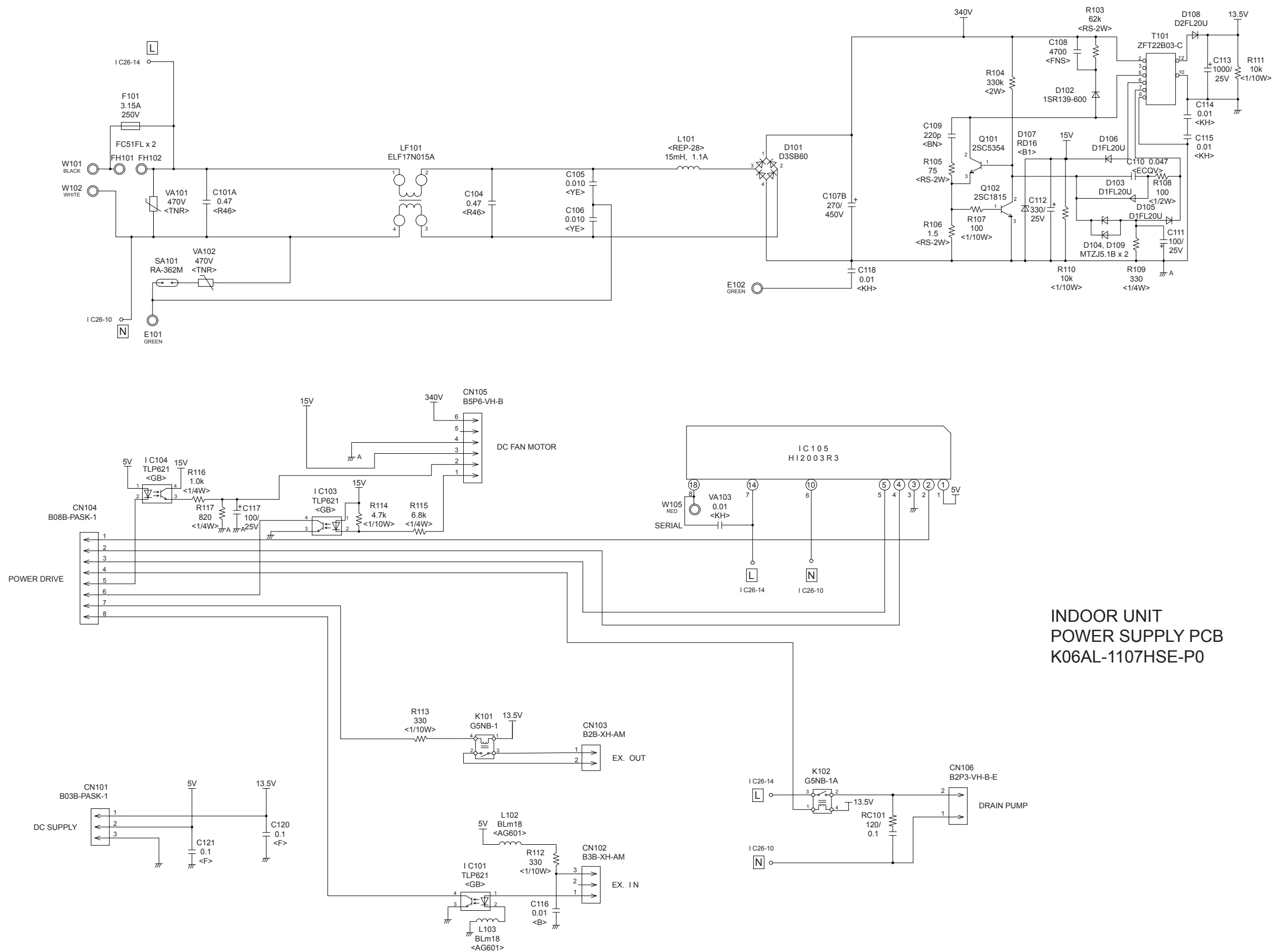
AUYG30LRLE : EZ-0121PHSE

AUYG36LRLE : EZ-0121RHSE

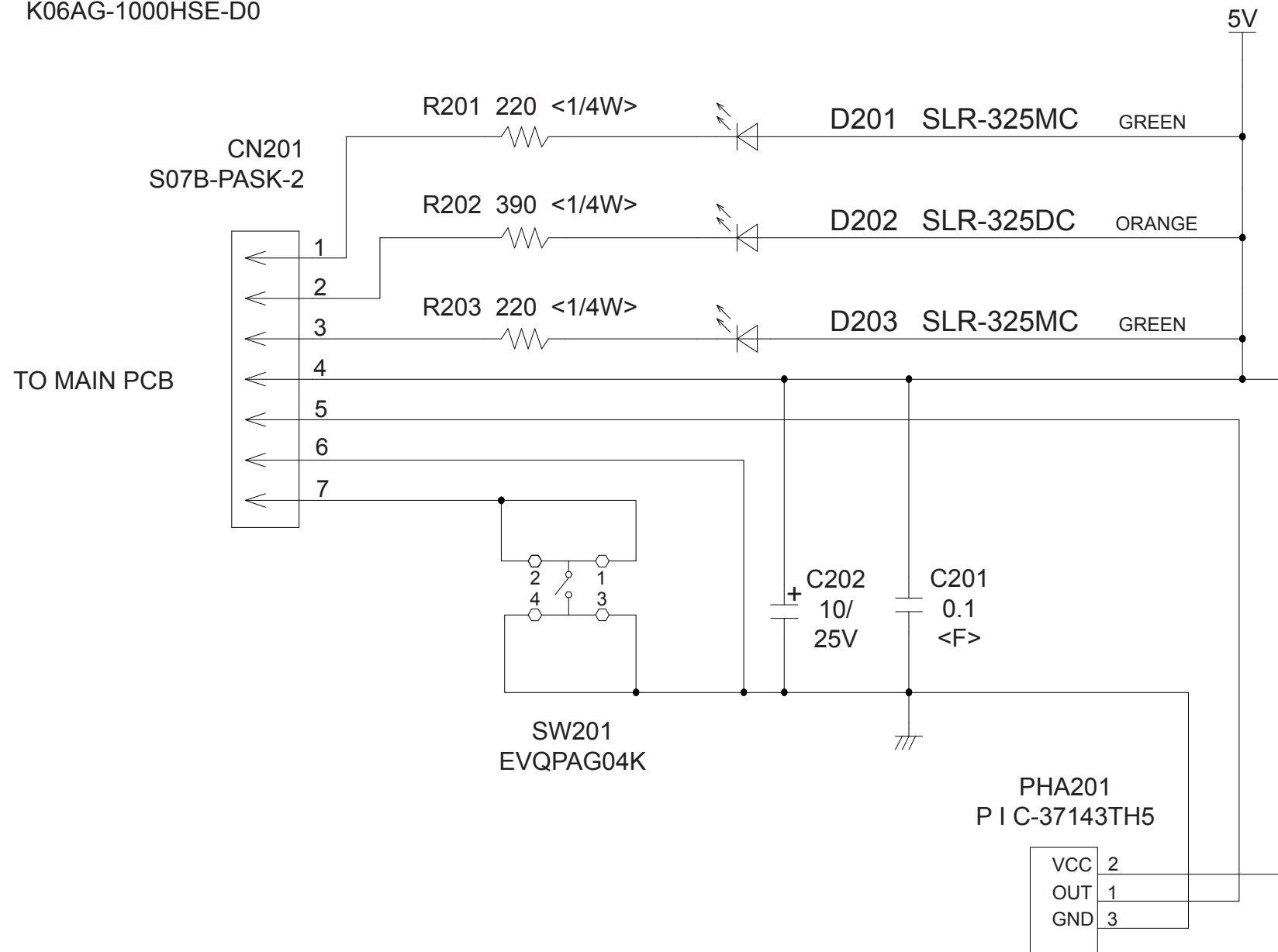


INDOOR UNIT  
MAIN PCB  
AUYG30LRLE : K06AK-120EHSE-C1  
AUHG36LRLE : K06AK-120FHSE-C1





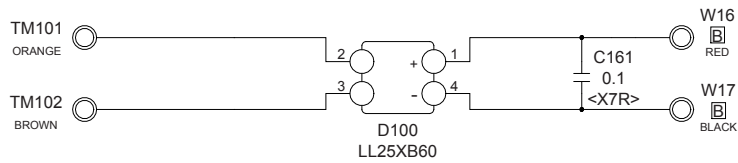
INDOOR UNIT  
INDICATOR PCB ( OPTION )  
K06AG-1000HSE-D0



INVERTER ASSEMBLY  
AOYG30LETL : EZ-0121FHUE  
AOYG36LETL : EZ-0121GHUE





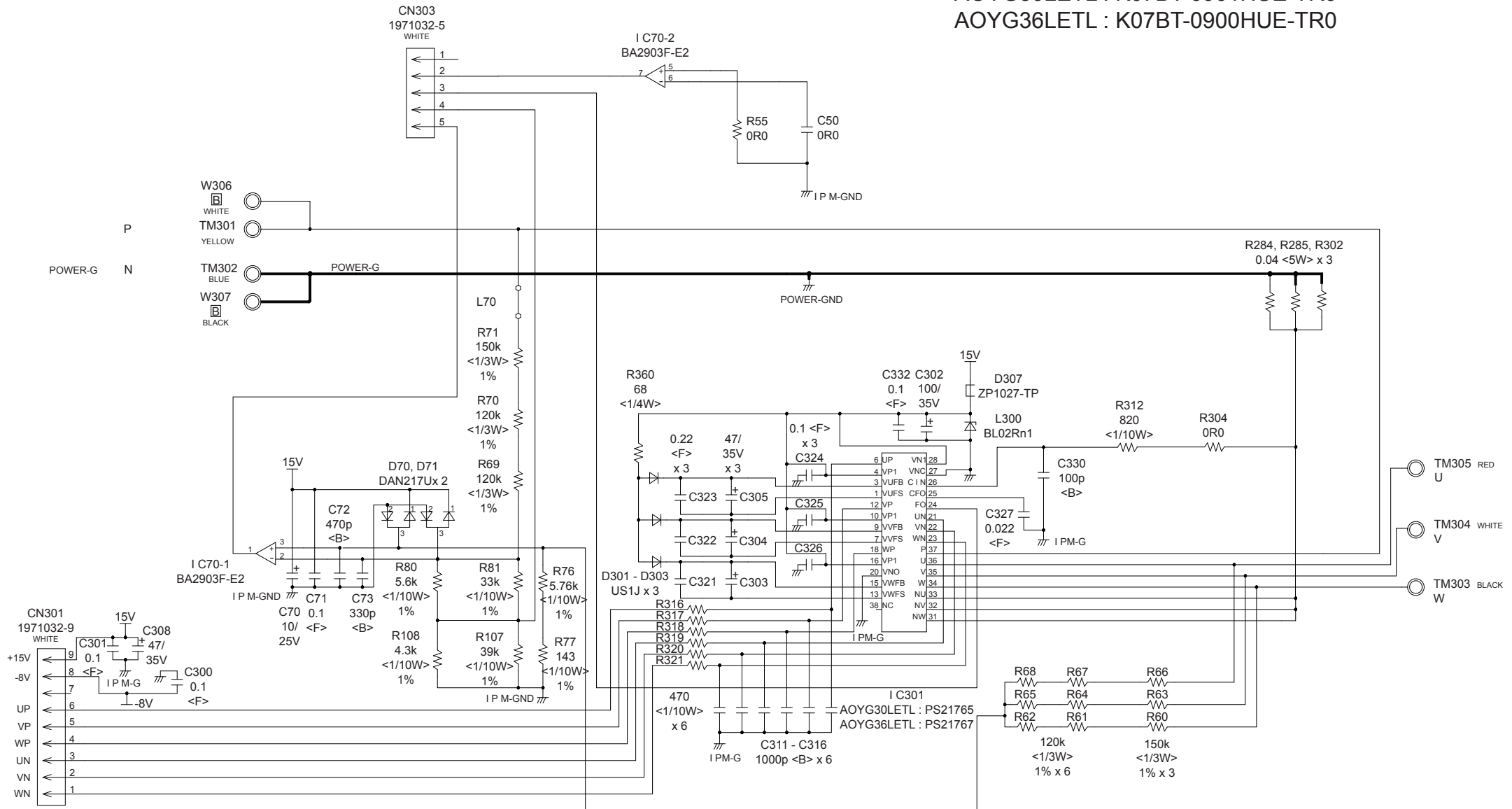


## OUTDOOR UNIT TRANSISTOR PCB

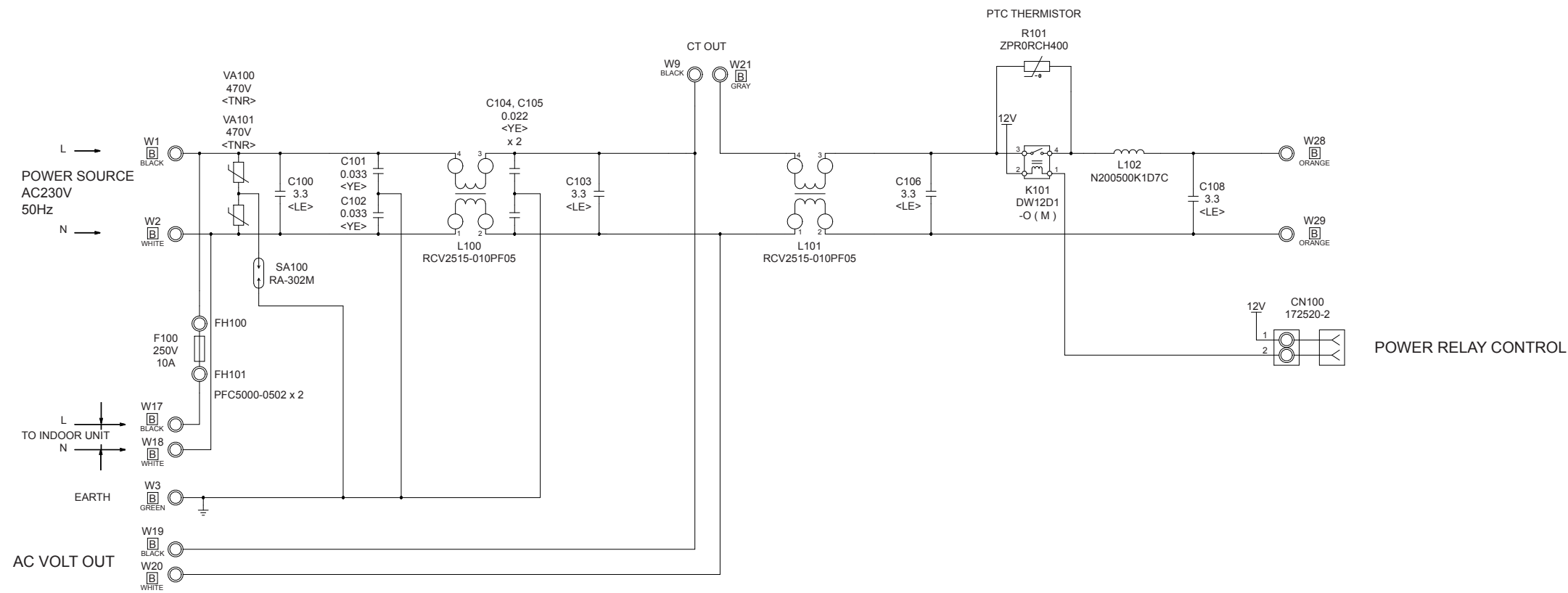
( I P M )

AOYG30LETL : K07BT-0901HUE-TR0

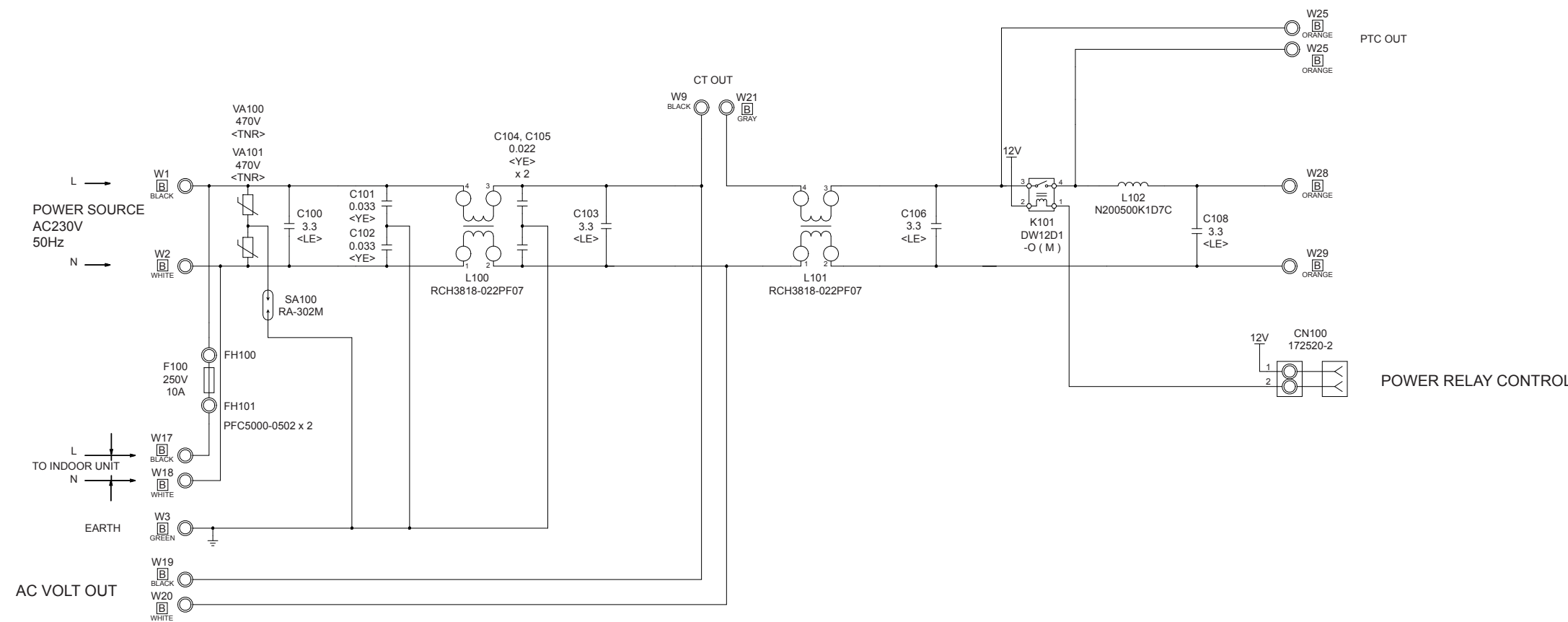
AOYG36LETL : K07BT-0900HUE-TR0



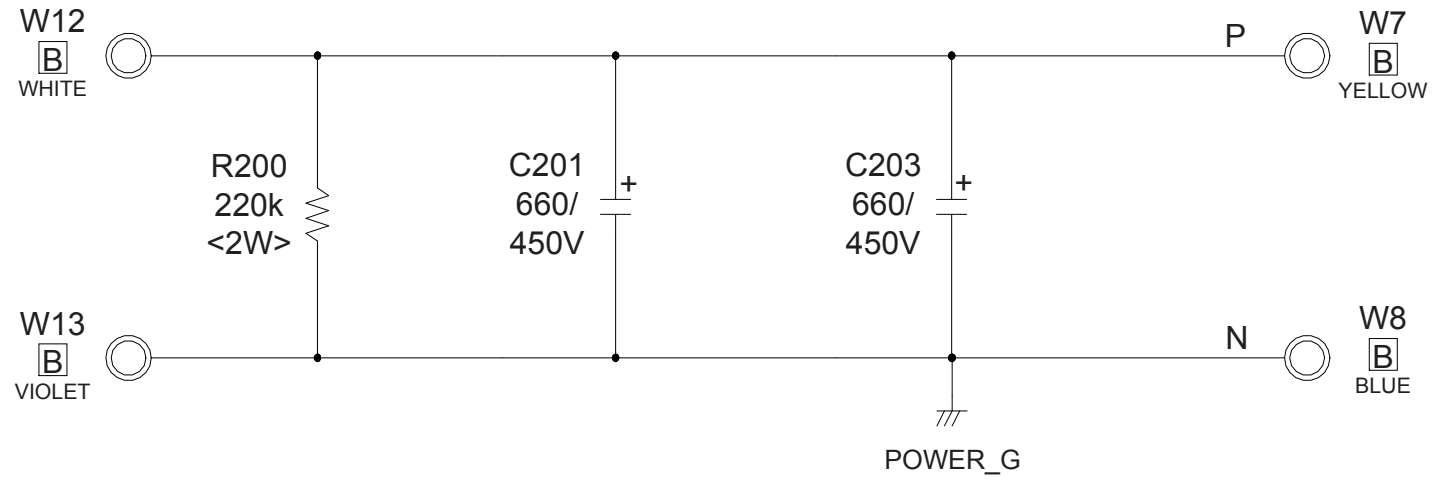
OUTDOOR UNIT  
AOYG30LETL  
FILTER PCB  
K05CW-0901HUE-FL0



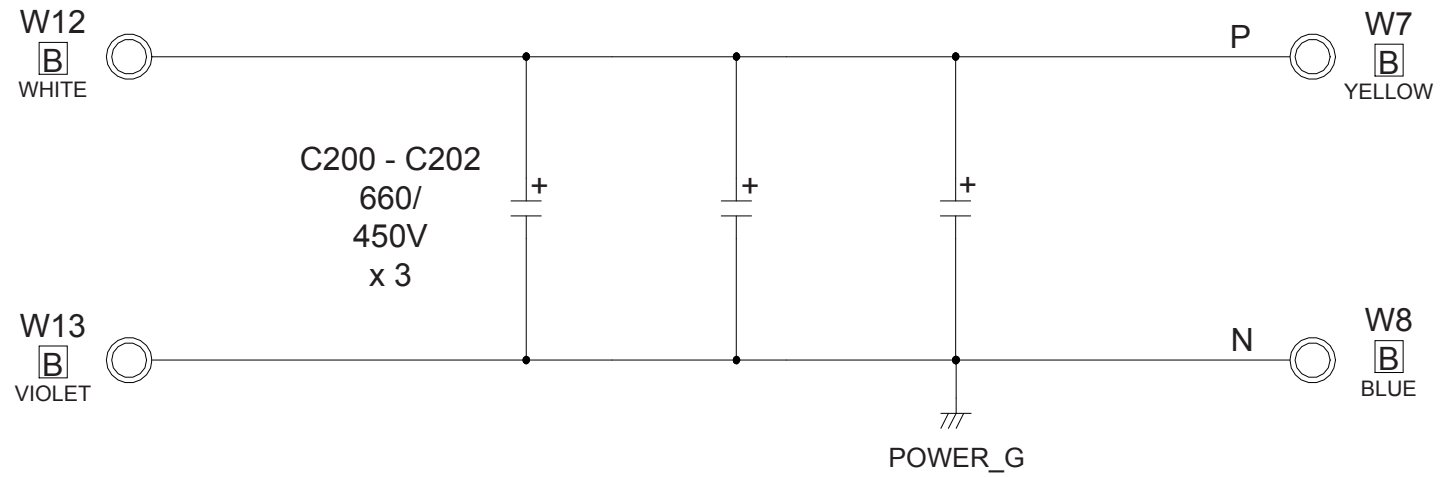
AOYG36LETL  
FILTER PCB  
K05CW-0900HUE-FL0



OUTDOOR UNIT  
AOYG30LETL  
CAPACITOR PCB  
K05FB-0901HUE-P0



AOYG36LETL  
CAPACITOR PCB  
K05FB-0900HUE-P0



# ERROR DETECTION

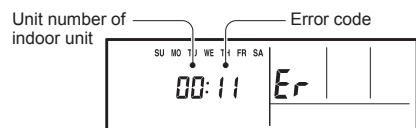
## INDOOR UNIT and WIRED REMOTE CONTROL

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.

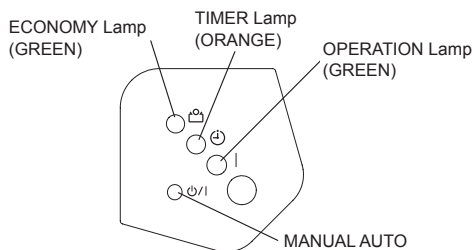
### Remote control

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

### Indoor unit display (option)



● : 0.5s on / 0.5s off

◇ : 0.1s on / 0.1s off

( ) : Number of flashing

| Indoor 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]<br>• 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                   | Inlet air 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 Error                                                                                                                                     |
| ● (6)                  | ● (10)              | ◇                    | 6A                   | Display PCB microcomputers communication error                                                                                                          |

| Indoor 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<br>• 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<br>• 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<br>• Suction pressure sensor error<br>• 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 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]                                                                   |

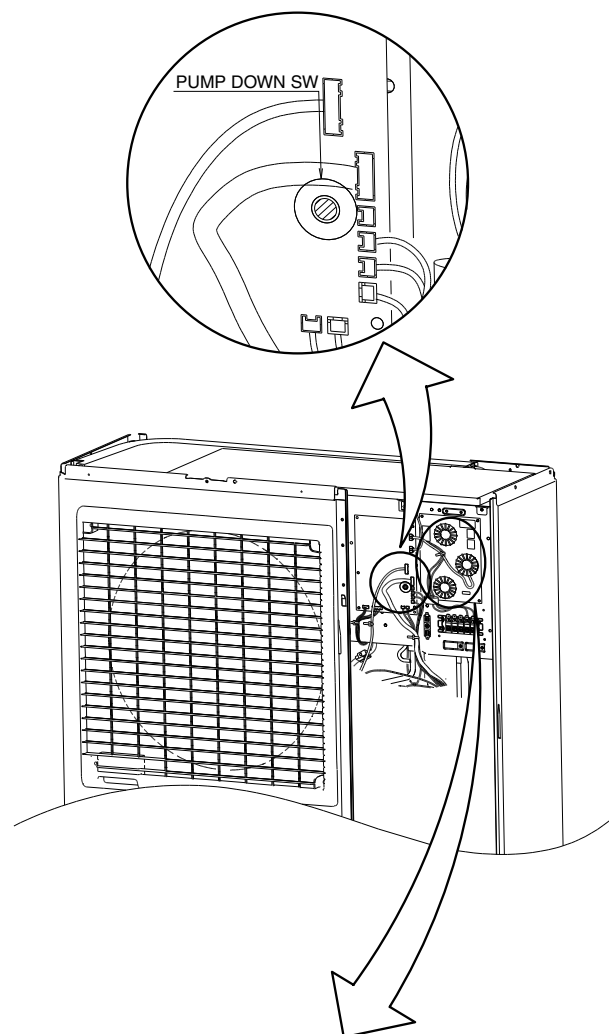
## OUTDOOR UNIT

### SPECIAL INSTALLATION SETTING

#### PUMP DOWN (Refrigerant collecting operation)

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

- (1) Press the push-button switch on the circuit board once.  
The LED on the circuit board starts flashing (one second ON/one second OFF).  
This indicates the start of PUMP DOWN operation.  
When the switch is pressed while the compressor is in operation, PUMP DOWN operation starts automatically.  
When the switch is pressed while the compressor is in stop, the compressor starts to operate automatically, and then move on to PUMP DOWN operation.
- (2) PUMP DOWN operation continues for about 1 minute.  
When PUMP DOWN operation is completed, the compressor stops automatically.  
Then close the 2-way valve and 3-way valve immediately.
- (3) Turn the power off.

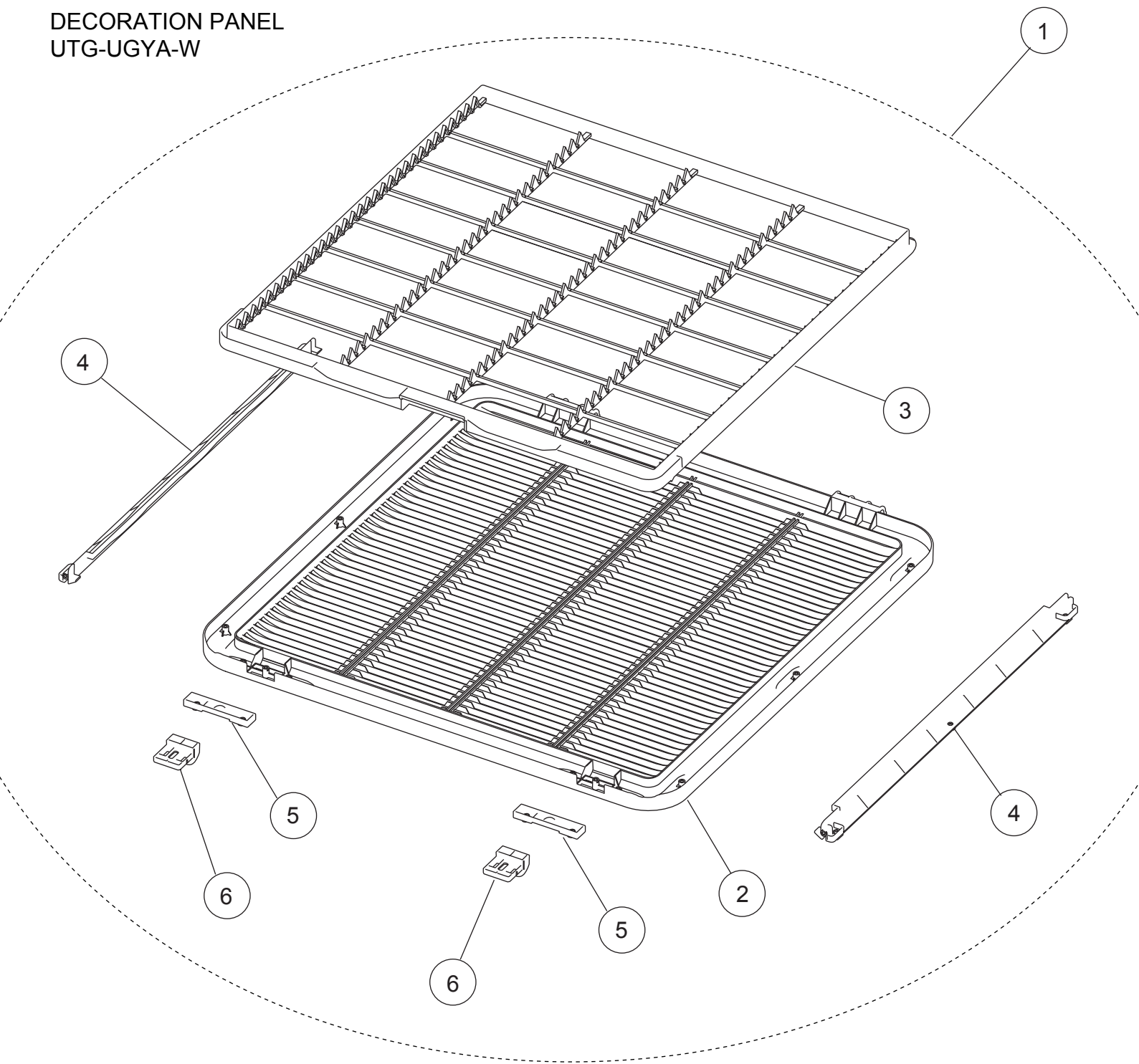


**⚠ DANGER**

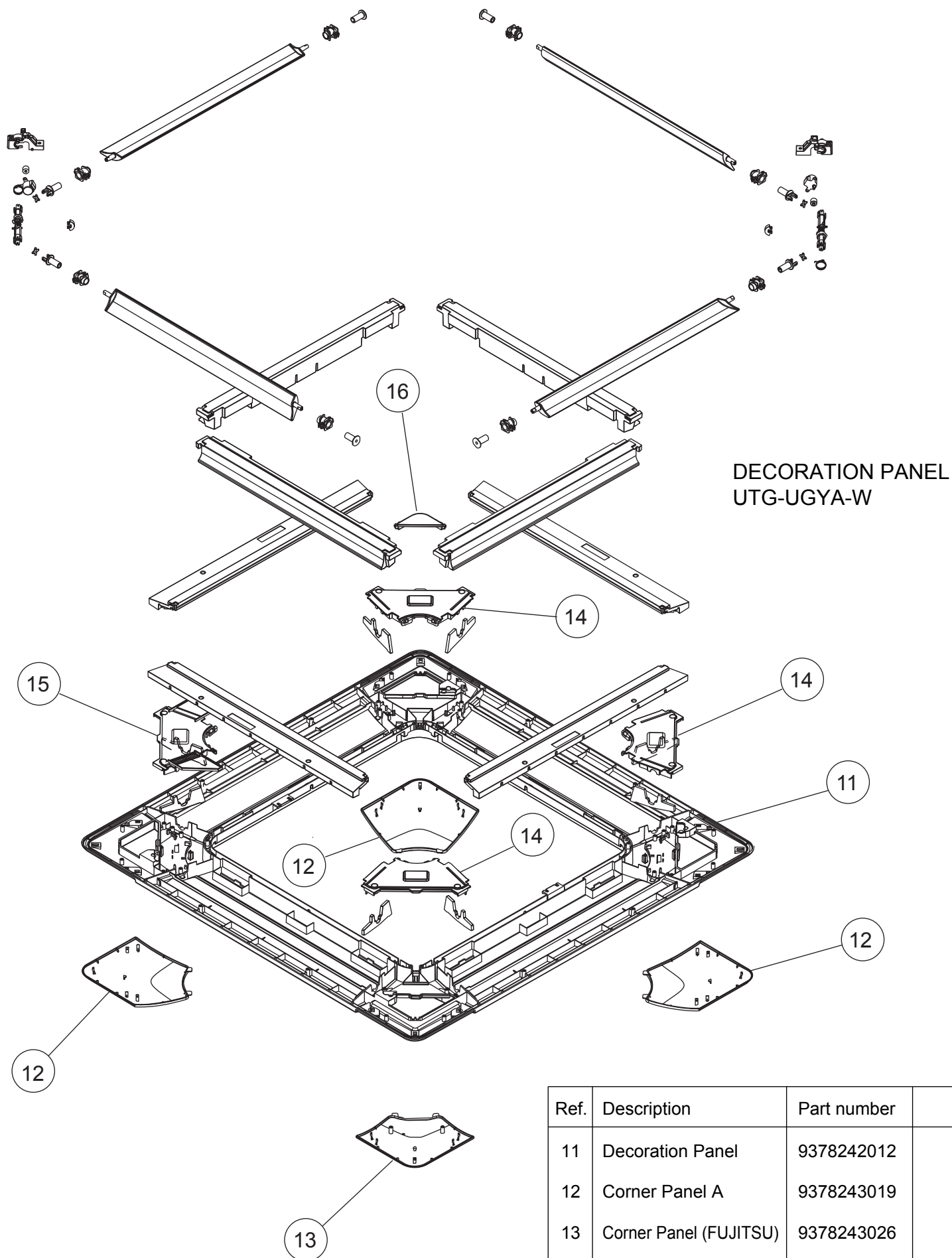
This part (Choke coil) generates high voltages.  
Never touch this part.

PARTS

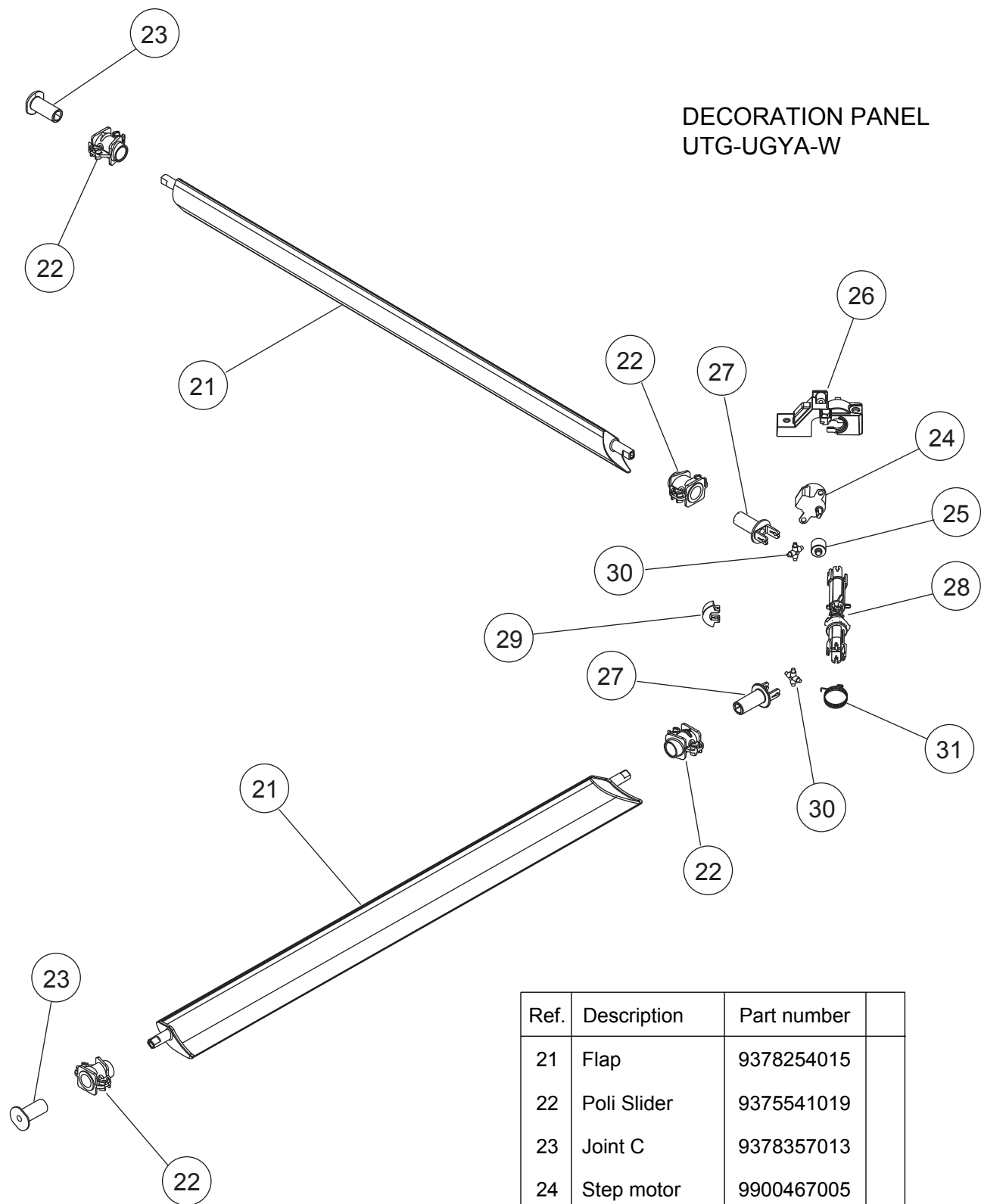
DECORATION PANEL  
UTG-UGYA-W



| Ref. | Description        | Part number |  |
|------|--------------------|-------------|--|
| 1    | Intake Grille Assy | 9378565012  |  |
| 2    | Intake Grille      | 9378249011  |  |
| 3    | Long Life Filter   | 9378252011  |  |
| 4    | Filter Guide       | 9378253018  |  |
| 5    | Hook Bracket       | 9378435018  |  |
| 6    | Grille Hook        | 9378250017  |  |



| Ref. | Description            | Part number |  |
|------|------------------------|-------------|--|
| 11   | Decoration Panel       | 9378242012  |  |
| 12   | Corner Panel A         | 9378243019  |  |
| 13   | Corner Panel (FUJITSU) | 9378243026  |  |
| 14   | Panel Cover A          | 9378261013  |  |
| 15   | Panel Cover B          | 9378262010  |  |
| 16   | Drain Cover            | 9378359017  |  |

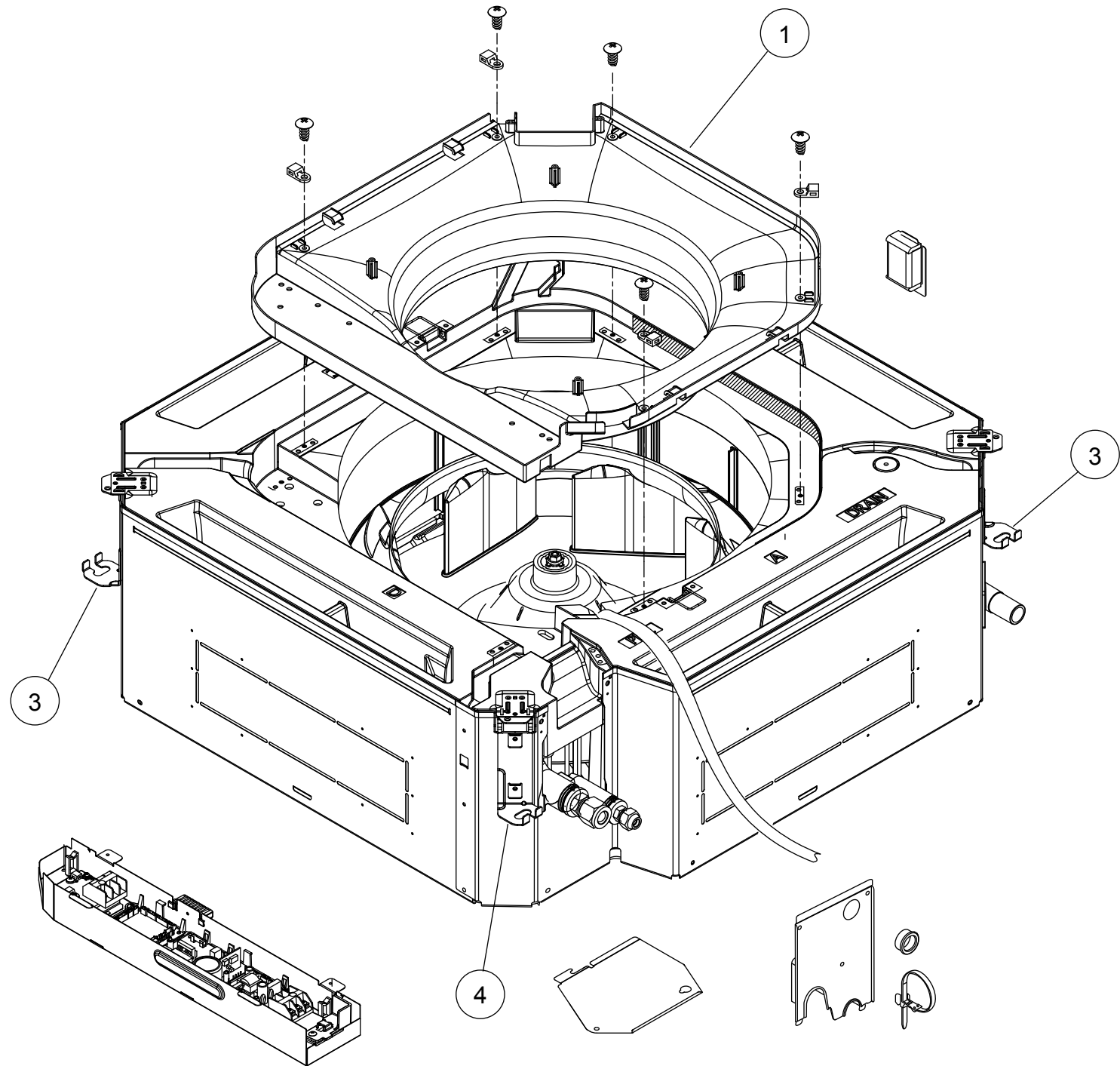
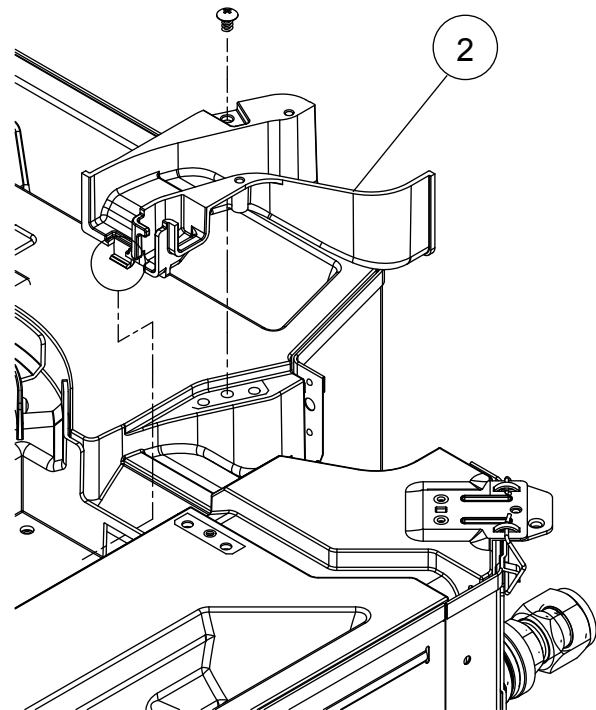


| Ref. | Description  | Part number |  |
|------|--------------|-------------|--|
| 21   | Flap         | 9378254015  |  |
| 22   | Poli Slider  | 9375541019  |  |
| 23   | Joint C      | 9378357013  |  |
| 24   | Step motor   | 9900467005  |  |
| 25   | Gear A       | 9378256019  |  |
| 26   | Motor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

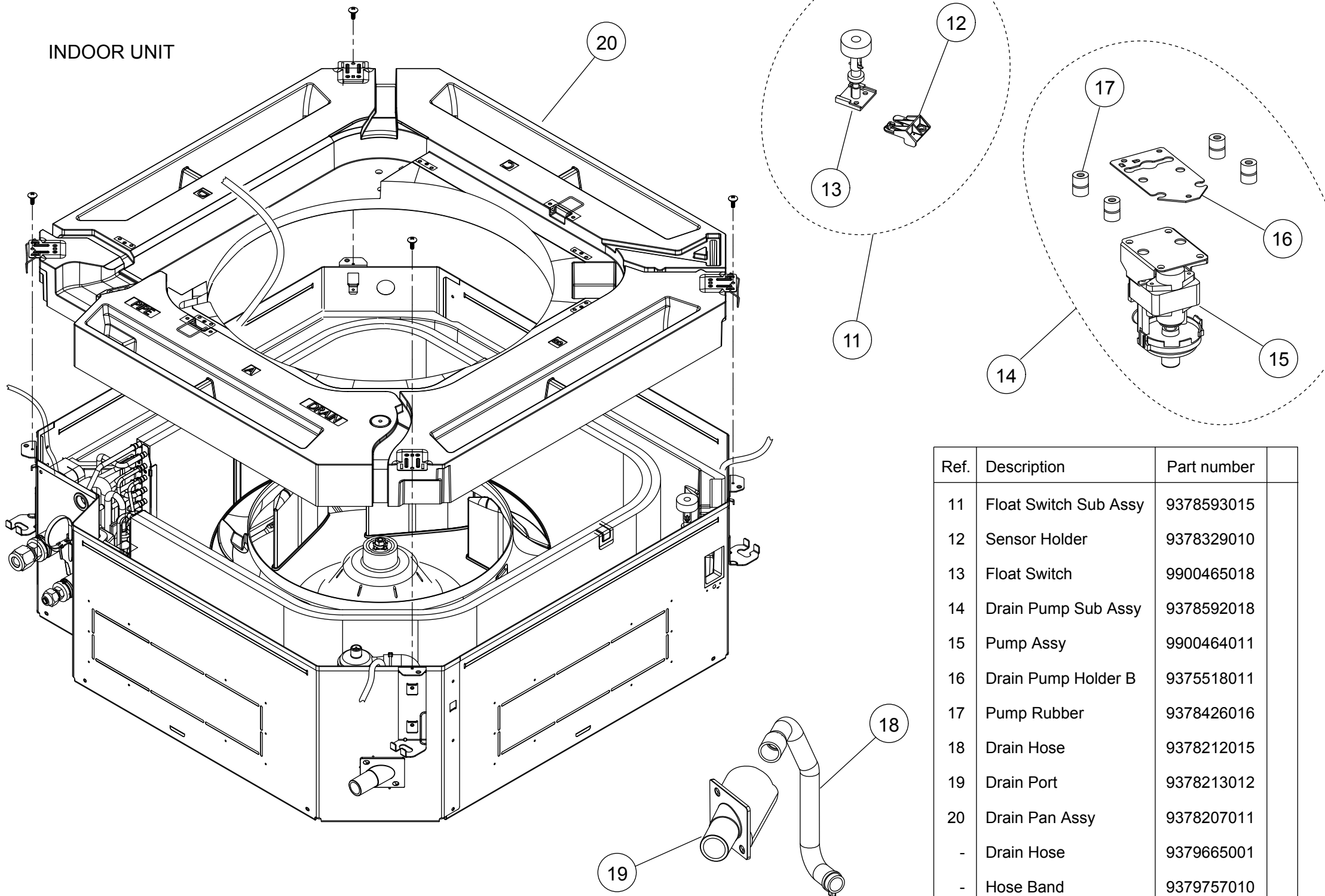
# PARTS

## INDOOR UNIT

| Ref. | Description         | Part number |  |
|------|---------------------|-------------|--|
| 1    | Bell Mouth          | 9378227019  |  |
| 2    | Terminal Wire Cover | 9378548015  |  |
| 3    | Hook R              | 9378197015  |  |
| 4    | Hook L              | 9378198012  |  |

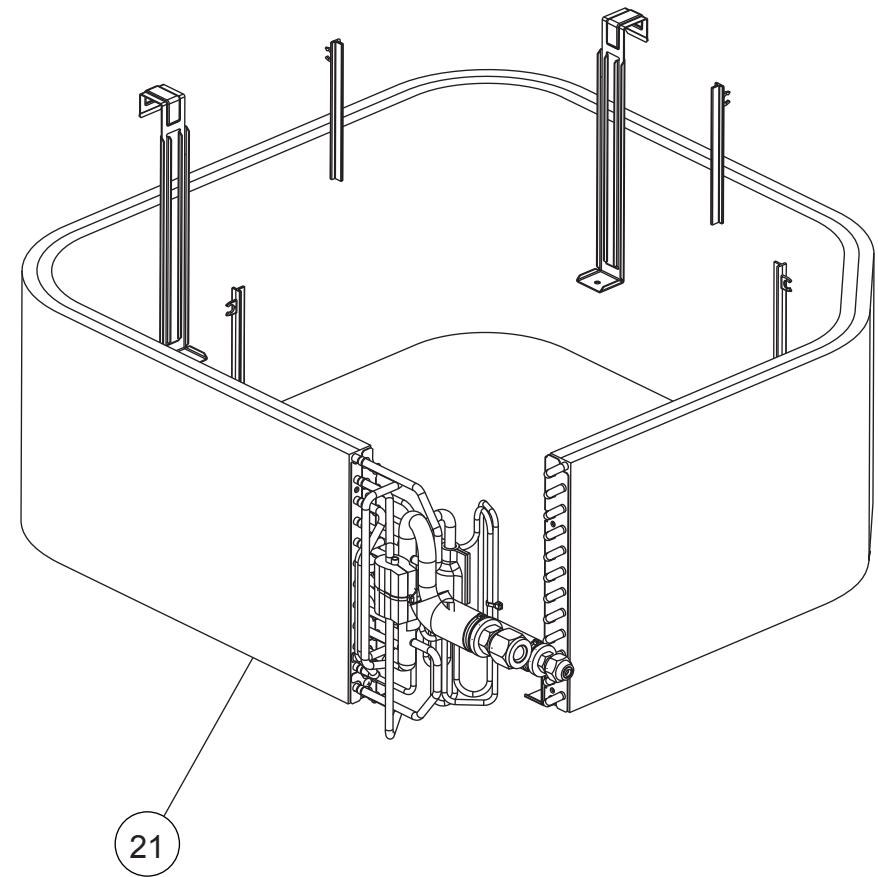
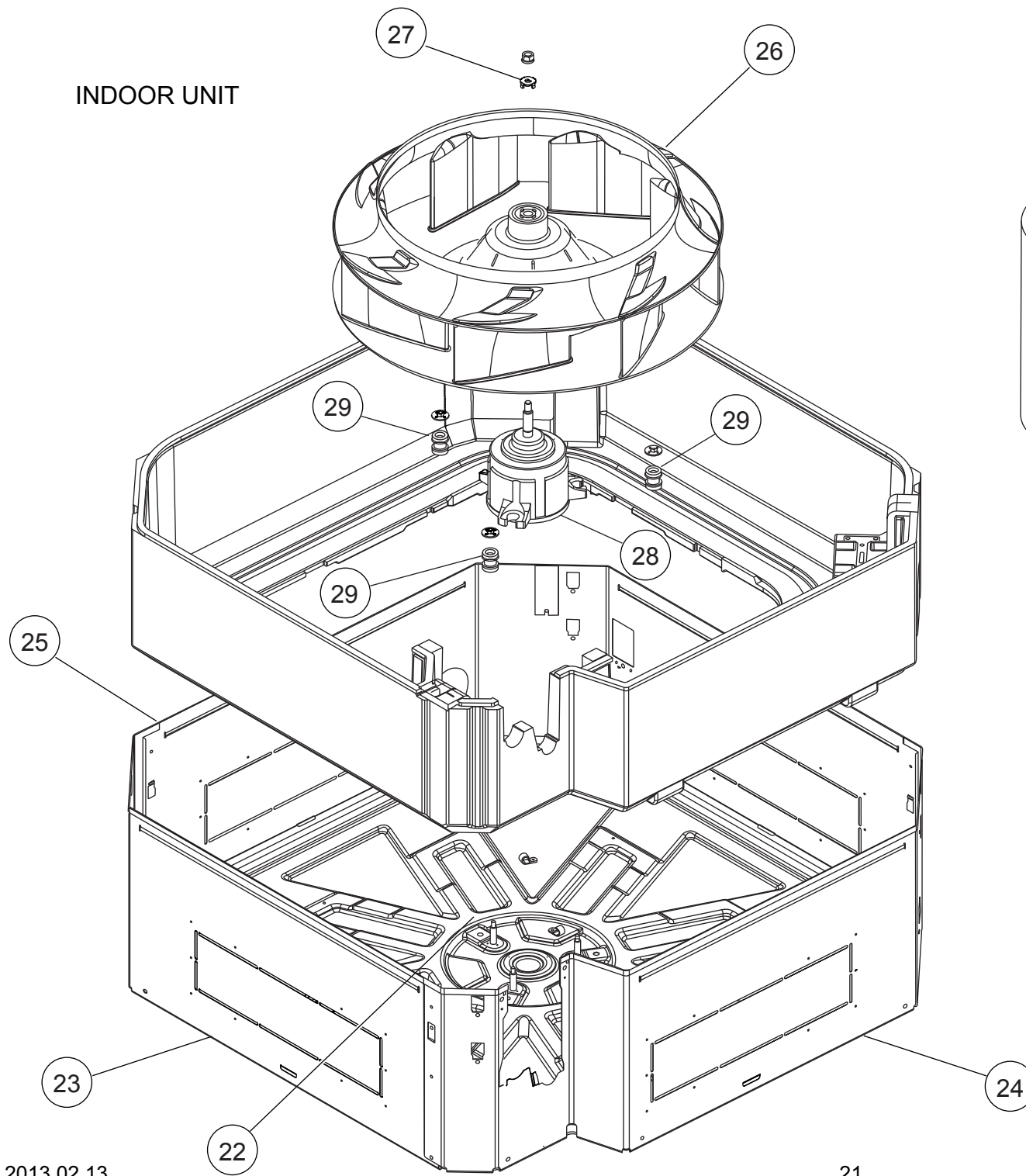


# INDOOR UNIT



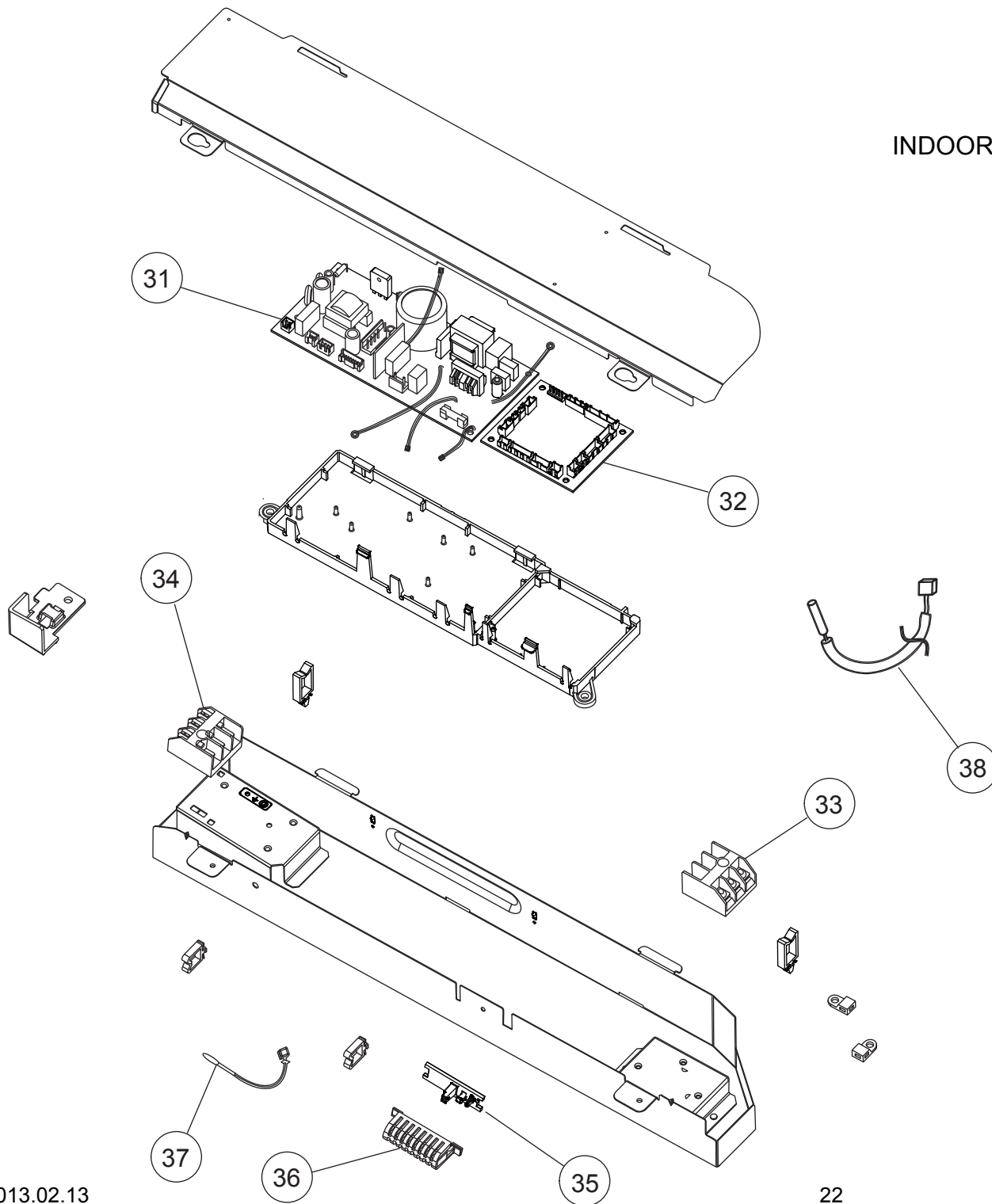
| Ref. | Description           | Part number |
|------|-----------------------|-------------|
| 11   | Float Switch Sub Assy | 9378593015  |
| 12   | Sensor Holder         | 9378329010  |
| 13   | Float Switch          | 9900465018  |
| 14   | Drain Pump Sub Assy   | 9378592018  |
| 15   | Pump Assy             | 9900464011  |
| 16   | Drain Pump Holder B   | 9375518011  |
| 17   | Pump Rubber           | 9378426016  |
| 18   | Drain Hose            | 9378212015  |
| 19   | Drain Port            | 9378213012  |
| 20   | Drain Pan Assy        | 9378207011  |
| -    | Drain Hose            | 9379665001  |
| -    | Hose Band             | 9379757010  |

INDOOR UNIT



| Ref. | Description           | Part number |  |
|------|-----------------------|-------------|--|
| 21   | Evaporator Total Assy | 9378580015  |  |
| 22   | Top Plate Assy        | 9378395015  |  |
| 23   | Cabinet A Sub Assy    | 9378594012  |  |
| 24   | Cabinet B Sub Assy    | 9378595019  |  |
| 25   | Cabinet C Sub Assy    | 9378570016  |  |
| 26   | Turbo Fan Assy        | 9378228016  |  |
| 27   | Turbo Fan Washer      | 9378394018  |  |
| 28   | Motor, DC Brushless   | 9602716005  |  |
| 29   | Rubber (Motor)        | 9378223011  |  |

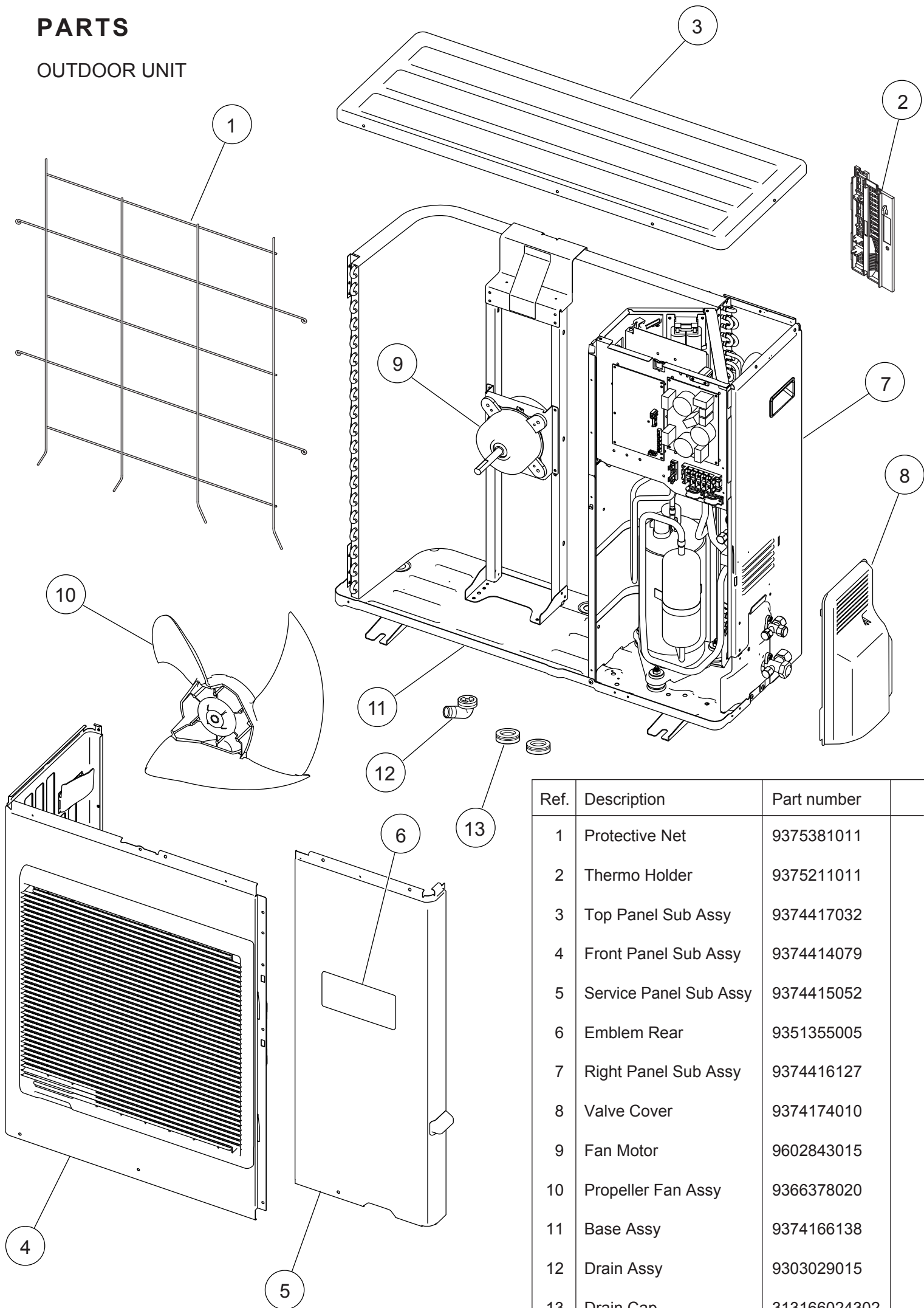
## INDOOR UNIT



| Ref. | Description         | Part number |  |
|------|---------------------|-------------|--|
| 31   | Power Supply PCB    | 9707398366  |  |
| 32   | Main PCB (30)       | 9709245231  |  |
| 32   | Main PCB (36)       | 9709245248  |  |
| 33   | Terminal 3P         | 9306489045  |  |
| 34   | Terminal 3P         | 9703345012  |  |
| 35   | Thermistor Holder A | 9378206014  |  |
| 36   | Thermistor Holder B | 9378330016  |  |
| 37   | Room Thermistor     | 9900445010  |  |
| 38   | Pipe Thermistor     | 9900470012  |  |
| 39   | Remote Control      | 9318593013  |  |

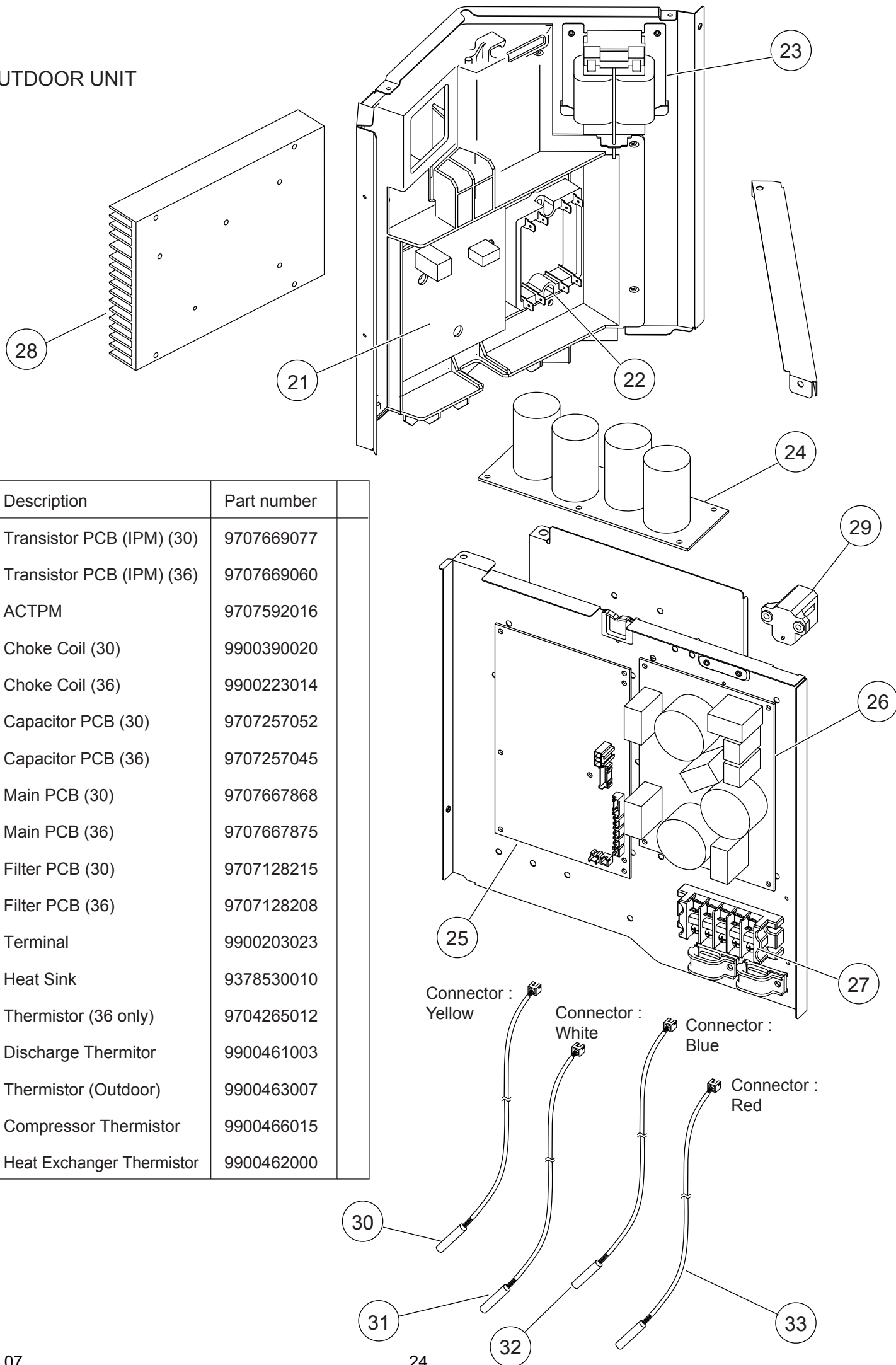
# PARTS

## OUTDOOR UNIT

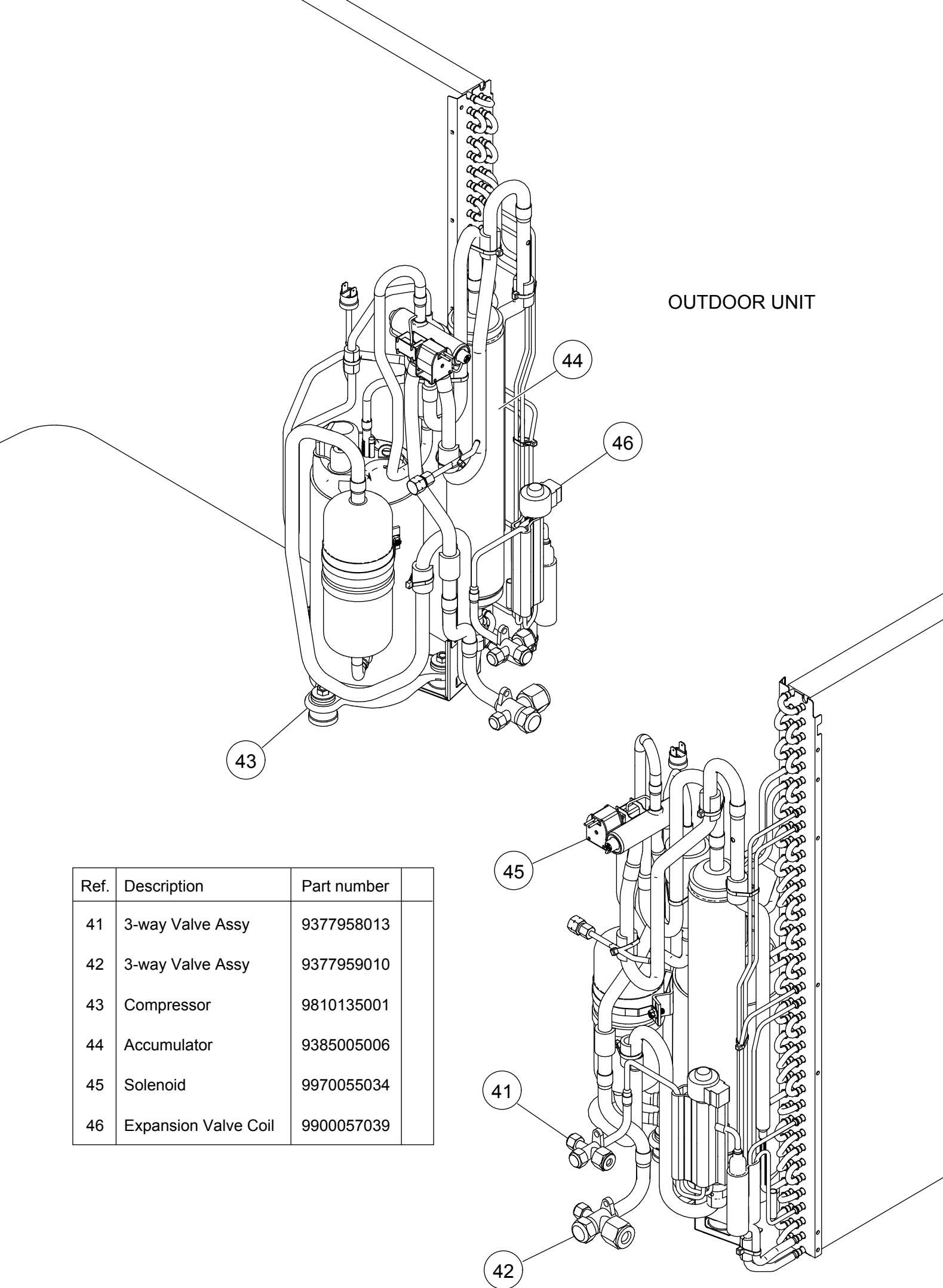


| Ref. | Description            | Part number  |  |
|------|------------------------|--------------|--|
| 1    | Protective Net         | 9375381011   |  |
| 2    | Thermo Holder          | 9375211011   |  |
| 3    | Top Panel Sub Assy     | 9374417032   |  |
| 4    | Front Panel Sub Assy   | 9374414079   |  |
| 5    | Service Panel Sub Assy | 9374415052   |  |
| 6    | Emblem Rear            | 9351355005   |  |
| 7    | Right Panel Sub Assy   | 9374416127   |  |
| 8    | Valve Cover            | 9374174010   |  |
| 9    | Fan Motor              | 9602843015   |  |
| 10   | Propeller Fan Assy     | 9366378020   |  |
| 11   | Base Assy              | 9374166138   |  |
| 12   | Drain Assy             | 9303029015   |  |
| 13   | Drain Cap              | 313166024302 |  |

## OUTDOOR UNIT

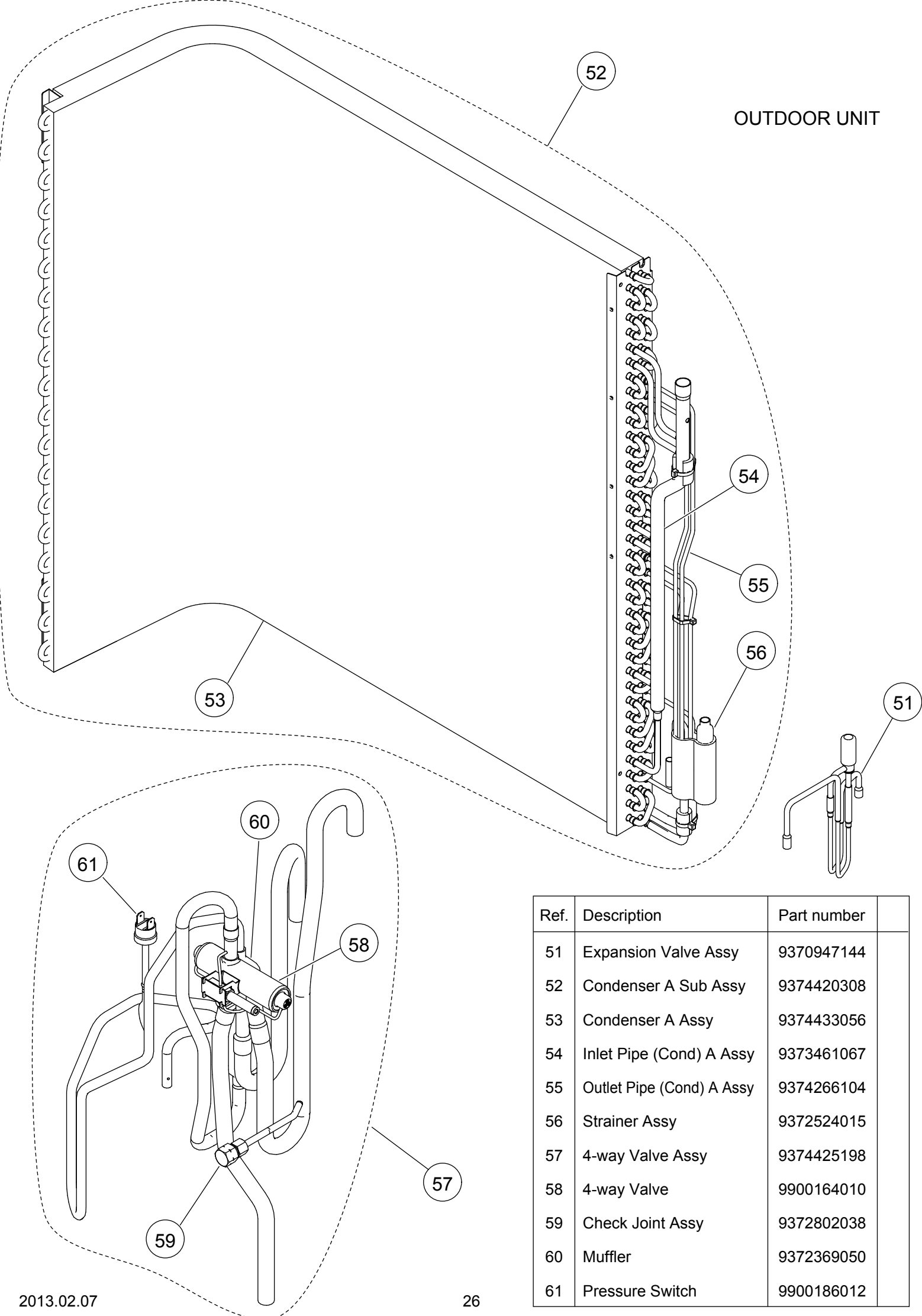


| Ref. | Description               | Part number |
|------|---------------------------|-------------|
| 21   | Transistor PCB (IPM) (30) | 9707669077  |
| 21   | Transistor PCB (IPM) (36) | 9707669060  |
| 22   | ACTPM                     | 9707592016  |
| 23   | Choke Coil (30)           | 9900390020  |
| 23   | Choke Coil (36)           | 9900223014  |
| 24   | Capacitor PCB (30)        | 9707257052  |
| 24   | Capacitor PCB (36)        | 9707257045  |
| 25   | Main PCB (30)             | 9707667868  |
| 25   | Main PCB (36)             | 9707667875  |
| 26   | Filter PCB (30)           | 9707128215  |
| 26   | Filter PCB (36)           | 9707128208  |
| 27   | Terminal                  | 9900203023  |
| 28   | Heat Sink                 | 9378530010  |
| 29   | Thermistor (36 only)      | 9704265012  |
| 30   | Discharge Thermistor      | 9900461003  |
| 31   | Thermistor (Outdoor)      | 9900463007  |
| 32   | Compressor Thermistor     | 9900466015  |
| 33   | Heat Exchanger Thermistor | 9900462000  |



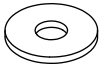
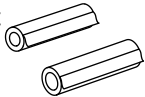
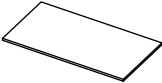
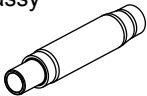
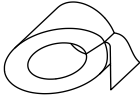
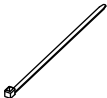
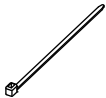
OUTDOOR UNIT

| Ref. | Description          | Part number |  |
|------|----------------------|-------------|--|
| 41   | 3-way Valve Assy     | 9377958013  |  |
| 42   | 3-way Valve Assy     | 9377959010  |  |
| 43   | Compressor           | 9810135001  |  |
| 44   | Accumulator          | 9385005006  |  |
| 45   | Solenoid             | 9970055034  |  |
| 46   | Expansion Valve Coil | 9900057039  |  |



# ACCESSORIES

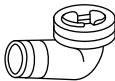
## INDOOR UNIT

| Name and Shape                                                                                                 | Q'ty | Application                   |
|----------------------------------------------------------------------------------------------------------------|------|-------------------------------|
| Template<br>(Carton top)      | 1    | For installing indoor unit    |
| Washer                        | 8    | For installing indoor unit    |
| Coupler heat insulation       | 2    | For indoor side pipe joint    |
| Insulation                    | 1    | For installing drain pipe     |
| Drain hose assy              | 1    | For installing drain pipe     |
| Hose band assy              | 1    | For installing drain pipe     |
| Drain pipe insulation       | 1    | For installing drain pipe     |
| Binder (Large)              | 3    | For electrincal wiring        |
| Binder (Small)              | 1    | For electrincal wiring        |
| Wired remote control        | 1    |                               |
| Remote Control Cord         | 1    | For connecting remote control |
| Tapping screw<br>(φ4 x 16)  | 2    | For installing remote control |

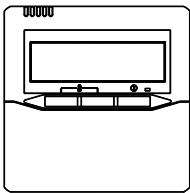
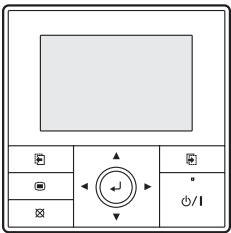
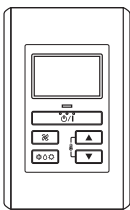
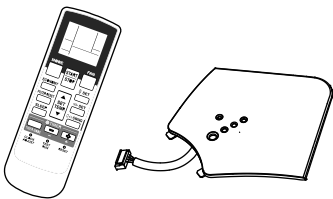
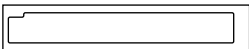
## DECORATION PANEL

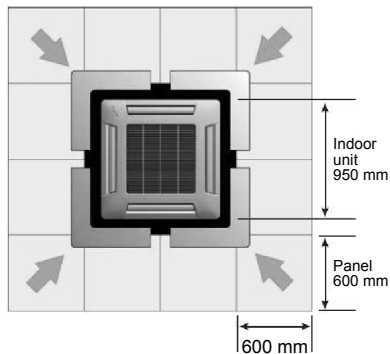
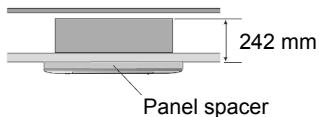
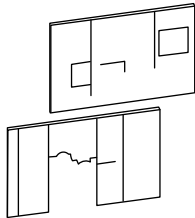
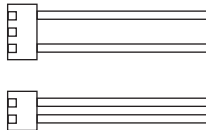
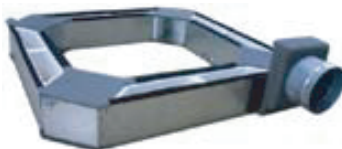
| Name and Shape                                                                                          | Q'ty | Application                        |
|---------------------------------------------------------------------------------------------------------|------|------------------------------------|
| Hexagon Screw        | 4    | For mounting decoration panel      |
| Screw                | 4    | For installing grille holding wire |
| Strap                | 4    | For installing corner panel        |
| Grille holding wire  | 2    | For installing intake grille       |

## OUTDOOR UNIT

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

## OPTIONAL PARTS

| Name and Shape                                                                                                                | Application                                                                                 |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>Wired remote control</b>                  | <b>UTY-RNNYM</b><br>Control unit on wall                                                    |
| <b>High functional wired remote control</b>  | <b>UTY-RVNYM</b>                                                                            |
| <b>Simple remote control</b>                 | <b>UTY-RSNYM</b><br>For air conditioner operation                                           |
| <b>Wireless remote control kit</b>          | <b>UTY-LRHYA2</b><br>Wireless remote control and IR receiver unit                           |
| <b>Air outlet shutter plate</b>            | <b>UTR-YDZC</b><br>Install the plate at outlet when carrying out 3-way direction operation. |

| Name and Shape                                                                                                               | Application                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wide panel</b>                         | <b>UTG-AGYA-W</b><br>For ceiling hole                                                                                                                                |
| <b>Panel spacer</b>                       | <b>UTG-BGYA-W</b><br>For making up difference                                                                                                                        |
| <b>Insulation kit for high humidity</b>  | <b>UTZ-KXGA</b><br>Install when the under roof condition is expected to be the humidity of over 80% and the temperature of over 30 °C.                               |
| <b>Extrenal connect set</b>             | <b>UTY-XWZX</b><br>Use to connect with various peripheral devices and air conditioner PCB.                                                                           |
| <b>Fresh air intake kit</b>             | <b>UTZ-VXGA</b><br>It can be taken in fresh air of up to 10% of "high" air volume of the indoor unit by attaching Fresh Air Intake Kit to cassette type indoor unit. |

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