

## FOUR ROOM MULTI INVERTER SYSTEM

# SERVICE MANUAL



## CONTENTS

|                                 |    |
|---------------------------------|----|
| SPECIFICATIONS .....            | 1  |
| DIMENSIONS .....                | 8  |
| REFRIGERANT SYSTEM DIAGRAM ...  | 14 |
| CIRCUIT DIAGRAM .....           | 15 |
| OUTDOOR PCB CIRCUIT DIAGRAM ... | 21 |
| INDOOR PCB CIRCUIT DIAGRAM .... | 24 |
| ERROR DETECTION .....           | 42 |
| PARTS (OUTDOOR UNIT) .....      | 44 |
| PARTS (INDOOR UNIT) .....       | 49 |
| ACCESSORIES .....               | 74 |

### Outdoor unit

AOAG30LAT4

### Indoor unit

ASAG07LJCA  
ASAG09LJCA  
ASAG12LJCA  
ASYG07LUCA  
ASYG09LUCA  
ASYG12LUCA  
ASAG18LFCA  
ASAG24LFCA  
AUAG09LVLA  
AUAG12LVLA  
AUAG14LVLA  
AUAG18LVLA  
UTG-UFYD-W  
ARAG09LLLA  
ARAG12LLLA  
ARAG14LLLA  
ARAG18LLLA  
ARAG24LLLA

# SPECIFICATIONS

## OUTDOOR UNIT

### ELECTRICAL SPECIFICATIONS

|                      |         |                          |
|----------------------|---------|--------------------------|
| TYPE                 |         | Four room multi inverter |
| MODEL NAME           |         | AOAG30LAT4               |
| COOLING CAPACITY     |         | 8.0 kW                   |
| HEATING CAPACITY     |         | 9.6 kW                   |
| POWER SUPPLY         |         | 230 V                    |
| FREQUENCY            |         | 50 Hz                    |
| RUNNING CURRENT      | Cooling | 9.7 A                    |
|                      | Heating | 10.5 A                   |
| INPUT                | Cooling | 2.22 kW                  |
|                      | Heating | 2.40 kW                  |
| E.E.R.               | Cooling | 3.60 kW/kW               |
|                      | Heating | 4.00 kW/kW               |
| AIR CIRCULATION HIGH | Cooling | 3,500 m3/hr              |
|                      | Heating | 3,300 m3/hr              |

### FAN MOTOR

|                |            |
|----------------|------------|
| DISCRIMINATION | MFE-60TVT  |
| COOLING        | 820 r.p.m. |
| HEATING        | 780 r.p.m. |

### NOISE LEVEL

|         |      |
|---------|------|
| COOLING | 50dB |
| HEATING | 51dB |

### COMPRESSOR AND REFRIGERANT

|                                      |                        |                                                                        |
|--------------------------------------|------------------------|------------------------------------------------------------------------|
| TYPE                                 |                        | Hermetic type, Inverter,<br>4 poles, 3-phase,<br>DC motor, Twin Rotary |
| DISCRIMINATION                       |                        | TNB220FPBMT                                                            |
| WEIGHT (with oil)                    |                        | 14.3 kg                                                                |
| PRECHARGED REFRIGERANT               |                        | 3,300 g                                                                |
| REFRIGERANT TYPE                     |                        | R410A                                                                  |
| FULL CHARGE                          | Total pipe length 50 m | 3,300 g                                                                |
|                                      | 60 m                   | 3,550 g                                                                |
|                                      | 70 m                   | 3,800 g                                                                |
| ADDITIONAL CHARGE                    |                        | 25 g/m                                                                 |
| MAXIMUM PIPE LENGTH (total)          |                        | 70 m                                                                   |
| MINIMUM PIPE LENGTH (total)          |                        | 20 m                                                                   |
| MAXIMUM PIPE LENGTH (each unit)      |                        | 25 m                                                                   |
| MINIMUM PIPE LENGTH (each unit)      |                        | 5 m                                                                    |
| MAX ELEVATION (between indoor units) |                        | 10 m                                                                   |
| (between indoor and outdoor units)   |                        | 15 m                                                                   |

### MEASUREMENT

|            |                |                    |
|------------|----------------|--------------------|
| DIMENSIONS | H x W x D      | 830 x 900 x 330 mm |
| WEIGHT     | Net / Shipping | 68 kg / 75 kg      |

INDOOR UNIT  
COMPACT WALL MOUNTED

ELECTRICAL DATA

|            |              |              |              |
|------------|--------------|--------------|--------------|
| MODEL NAME | ASAG07LJCA   | ASAG09LJCA   | ASAG12LJCA   |
| CAPACITY   | 2.0 kW class | 2.5 kW class | 3.5 kW class |

FAN MOTOR

| DISCRIMINATION |         |        | MFD-12TYAN            |                       |                       |
|----------------|---------|--------|-----------------------|-----------------------|-----------------------|
| FAN SPEED      | Cooling | High   | 1,050 r.p.m.          | 1,100 r.p.m.          | 1,200 r.p.m.          |
|                |         | Medium | 950 r.p.m.            | 980 r.p.m.            | 1,050 r.p.m.          |
|                |         | Low    | 850 r.p.m.            | 850 r.p.m.            | 880 r.p.m.            |
|                |         | Quiet  | 680 r.p.m.            | 680 r.p.m.            | 680 r.p.m.            |
|                | Heating | High   | 1,050 r.p.m.          | 1,100 r.p.m.          | 1,200 r.p.m.          |
|                |         | Medium | 950 r.p.m.            | 980 r.p.m.            | 1,050 r.p.m.          |
|                |         | Low    | 850 r.p.m.            | 850 r.p.m.            | 910 r.p.m.            |
|                |         | Quiet  | 710 r.p.m.            | 710 r.p.m.            | 710 r.p.m.            |
| AIR FLOW       | Cooling | High   | 560 m <sup>3</sup> /h | 600 m <sup>3</sup> /h | 660 m <sup>3</sup> /h |
|                |         | Medium | 500 m <sup>3</sup> /h | 520 m <sup>3</sup> /h | 560 m <sup>3</sup> /h |
|                |         | Low    | 430 m <sup>3</sup> /h | 430 m <sup>3</sup> /h | 450 m <sup>3</sup> /h |
|                |         | Quiet  | 310 m <sup>3</sup> /h | 310 m <sup>3</sup> /h | 310 m <sup>3</sup> /h |
|                | Heating | High   | 560 m <sup>3</sup> /h | 600 m <sup>3</sup> /h | 660 m <sup>3</sup> /h |
|                |         | Medium | 500 m <sup>3</sup> /h | 520 m <sup>3</sup> /h | 560 m <sup>3</sup> /h |
|                |         | Low    | 430 m <sup>3</sup> /h | 430 m <sup>3</sup> /h | 470 m <sup>3</sup> /h |
|                |         | Quiet  | 330 m <sup>3</sup> /h | 330 m <sup>3</sup> /h | 330 m <sup>3</sup> /h |
| NOISE LEVEL    | Cooling | High   | 36 dB(A)              | 37 dB(A)              | 40 dB(A)              |
|                |         | Medium | 32 dB(A)              | 33 dB(A)              | 36 dB(A)              |
|                |         | Low    | 29 dB(A)              | 29 dB(A)              | 30 dB(A)              |
|                |         | Quiet  | 21 dB(A)              | 21 dB(A)              | 21 dB(A)              |
|                | Heating | High   | 36 dB(A)              | 37 dB(A)              | 40 dB(A)              |
|                |         | Medium | 32 dB(A)              | 33 dB(A)              | 36 dB(A)              |
|                |         | Low    | 29 dB(A)              | 29 dB(A)              | 31 dB(A)              |
|                |         | Quiet  | 22 dB(A)              | 22 dB(A)              | 22 dB(A)              |

MEASUREMENTS

|            |                |                    |
|------------|----------------|--------------------|
| DIMENSIONS | H x W x D      | 280 x 790 x 203 mm |
| WEIGHT     | Net / Shipping | 8.0 kg / 10.5 kg   |

INDOOR UNIT  
COMPACT WALL MOUNTED

ELECTRICAL DATA

|            |              |              |              |
|------------|--------------|--------------|--------------|
| MODEL NAME | ASYG07LUCA   | ASYG09LUCA   | ASYG12LUCA   |
| CAPACITY   | 2.0 kW class | 2.5 kW class | 3.5 kW class |

FAN MOTOR

| DISCRIMINATION |         |        | MFD-12TYL             |                       |                       |
|----------------|---------|--------|-----------------------|-----------------------|-----------------------|
| FAN SPEED      | Cooling | High   | 980 r.p.m.            | 1,030 r.p.m.          | 1,110 r.p.m.          |
|                |         | Medium | 910 r.p.m.            | 950 r.p.m.            | 1,030 r.p.m.          |
|                |         | Low    | 850 r.p.m.            | 850 r.p.m.            | 930 r.p.m.            |
|                |         | Quiet  | 650 r.p.m.            | 650 r.p.m.            | 650 r.p.m.            |
|                | Heating | High   | 980 r.p.m.            | 1,030 r.p.m.          | 1,110 r.p.m.          |
|                |         | Medium | 910 r.p.m.            | 950 r.p.m.            | 1,030 r.p.m.          |
|                |         | Low    | 850 r.p.m.            | 850 r.p.m.            | 930 r.p.m.            |
|                |         | Quiet  | 650 r.p.m.            | 650 r.p.m.            | 650 r.p.m.            |
| AIR FLOW       | Cooling | High   | 570 m <sup>3</sup> /h | 600 m <sup>3</sup> /h | 660 m <sup>3</sup> /h |
|                |         | Medium | 520 m <sup>3</sup> /h | 550 m <sup>3</sup> /h | 600 m <sup>3</sup> /h |
|                |         | Low    | 470 m <sup>3</sup> /h | 470 m <sup>3</sup> /h | 530 m <sup>3</sup> /h |
|                |         | Quiet  | 330 m <sup>3</sup> /h | 330 m <sup>3</sup> /h | 390 m <sup>3</sup> /h |
|                | Heating | High   | 570 m <sup>3</sup> /h | 600 m <sup>3</sup> /h | 660 m <sup>3</sup> /h |
|                |         | Medium | 520 m <sup>3</sup> /h | 550 m <sup>3</sup> /h | 600 m <sup>3</sup> /h |
|                |         | Low    | 470 m <sup>3</sup> /h | 470 m <sup>3</sup> /h | 530 m <sup>3</sup> /h |
|                |         | Quiet  | 330 m <sup>3</sup> /h | 330 m <sup>3</sup> /h | 330 m <sup>3</sup> /h |
| NOISE LEVEL    | Cooling | High   | 35 dB(A)              | 36 dB(A)              | 37 dB(A)              |
|                |         | Medium | 30 dB(A)              | 32 dB(A)              | 34 dB(A)              |
|                |         | Low    | 28 dB(A)              | 28 dB(A)              | 31 dB(A)              |
|                |         | Quiet  | 21 dB(A)              | 21 dB(A)              | 21 dB(A)              |
|                | Heating | High   | 35 dB(A)              | 36 dB(A)              | 37 dB(A)              |
|                |         | Medium | 30 dB(A)              | 32 dB(A)              | 34 dB(A)              |
|                |         | Low    | 28 dB(A)              | 28 dB(A)              | 31 dB(A)              |
|                |         | Quiet  | 21 dB(A)              | 21 dB(A)              | 21 dB(A)              |

MEASUREMENTS

|            |                |                    |
|------------|----------------|--------------------|
| DIMENSIONS | H x W x D      | 282 x 870 x 185 mm |
| WEIGHT     | Net / Shipping | 9.5 kg / 12.0 kg   |

INDOOR UNIT  
WALL MOUNTED

ELECTRICAL DATA

|            |              |              |
|------------|--------------|--------------|
| MODEL NAME | ASAG18LFCA   | ASAG24LFCA   |
| CAPACITY   | 5.0 kW class | 7.0 kW class |

FAN MOTOR

| DISCRIMINATION |         |        | MFD-50RON             |                         |
|----------------|---------|--------|-----------------------|-------------------------|
| FAN SPEED      | Cooling | High   | 1,220 r.p.m.          | 1,480 r.p.m.            |
|                |         | Medium | 1,020 r.p.m.          | 1,220 r.p.m.            |
|                |         | Low    | 900 r.p.m.            | 1,020 r.p.m.            |
|                |         | Quiet  | 710 r.p.m.            | 900 r.p.m.              |
|                | Heating | High   | 1,220 r.p.m.          | 1,430 r.p.m.            |
|                |         | Medium | 1,020 r.p.m.          | 1,220 r.p.m.            |
|                |         | Low    | 900 r.p.m.            | 1,020 r.p.m.            |
|                |         | Quiet  | 710 r.p.m.            | 900 r.p.m.              |
| AIR FLOW       | Cooling | High   | 900 m <sup>3</sup> /h | 1,120 m <sup>3</sup> /h |
|                |         | Medium | 740 m <sup>3</sup> /h | 900 m <sup>3</sup> /h   |
|                |         | Low    | 620 m <sup>3</sup> /h | 740 m <sup>3</sup> /h   |
|                |         | Quiet  | 550 m <sup>3</sup> /h | 620 m <sup>3</sup> /h   |
|                | Heating | High   | 900 m <sup>3</sup> /h | 1100 m <sup>3</sup> /h  |
|                |         | Medium | 740 m <sup>3</sup> /h | 900 m <sup>3</sup> /h   |
|                |         | Low    | 620 m <sup>3</sup> /h | 740 m <sup>3</sup> /h   |
|                |         | Quiet  | 550 m <sup>3</sup> /h | 620 m <sup>3</sup> /h   |
| NOISE LEVEL    | Cooling | High   | 43 dB(A)              | 49 dB(A)                |
|                |         | Medium | 37 dB(A)              | 42 dB(A)                |
|                |         | Low    | 33 dB(A)              | 37 dB(A)                |
|                |         | Quiet  | 26 dB(A)              | 33 dB(A)                |
|                | Heating | High   | 42 dB(A)              | 48 dB(A)                |
|                |         | Medium | 37 dB(A)              | 42 dB(A)                |
|                |         | Low    | 33 dB(A)              | 37 dB(A)                |
|                |         | Quiet  | 25 dB(A)              | 33 dB(A)                |

MEASUREMENTS

|            |                |                    |
|------------|----------------|--------------------|
| DIMENSIONS | H x W x D      | 320 x 998 x 238 mm |
| WEIGHT     | Net / Shipping | 14 kg / 18 kg      |

# INDOOR UNIT COMPACT CASSETTE

## ELECTRICAL DATA

|            |              |              |              |              |
|------------|--------------|--------------|--------------|--------------|
| MODEL NAME | AUAG09LVLA   | AUAG12LVLA   | AUAG14LVLA   | AUAG18LVLA   |
| CAPACITY   | 2.5 kW class | 3.5 kW class | 4.0 kW class | 5.0 kW class |

## FAN MOTOR

| DISCRIMINATION |         |        | MFF-24RVL             |                       |                       |                       |
|----------------|---------|--------|-----------------------|-----------------------|-----------------------|-----------------------|
| FAN SPEED      | Cooling | High   | 590 r.p.m.            | 660 r.p.m.            | 730 r.p.m.            | 790 r.p.m.            |
|                |         | Medium | 540 r.p.m.            | 580 r.p.m.            | 630 r.p.m.            | 660 r.p.m.            |
|                |         | Low    | 490 r.p.m.            | 520 r.p.m.            | 540 r.p.m.            | 570 r.p.m.            |
|                |         | Quiet  | 440 r.p.m.            | 460 r.p.m.            | 460 r.p.m.            | 460 r.p.m.            |
|                | Heating | High   | 590 r.p.m.            | 650 r.p.m.            | 740 r.p.m.            | 840 r.p.m.            |
|                |         | Medium | 540 r.p.m.            | 580 r.p.m.            | 670 r.p.m.            | 750 r.p.m.            |
|                |         | Low    | 490 r.p.m.            | 520 r.p.m.            | 600 r.p.m.            | 650 r.p.m.            |
|                |         | Quiet  | 440 r.p.m.            | 460 r.p.m.            | 480 r.p.m.            | 500 r.p.m.            |
| AIR FLOW       | Cooling | High   | 540 m <sup>3</sup> /h | 610 m <sup>3</sup> /h | 680 m <sup>3</sup> /h | 750 m <sup>3</sup> /h |
|                |         | Medium | 490 m <sup>3</sup> /h | 530 m <sup>3</sup> /h | 580 m <sup>3</sup> /h | 610 m <sup>3</sup> /h |
|                |         | Low    | 440 m <sup>3</sup> /h | 470 m <sup>3</sup> /h | 490 m <sup>3</sup> /h | 520 m <sup>3</sup> /h |
|                |         | Quiet  | 390 m <sup>3</sup> /h | 410 m <sup>3</sup> /h | 410 m <sup>3</sup> /h | 410 m <sup>3</sup> /h |
|                | Heating | High   | 540 m <sup>3</sup> /h | 610 m <sup>3</sup> /h | 700 m <sup>3</sup> /h | 800 m <sup>3</sup> /h |
|                |         | Medium | 490 m <sup>3</sup> /h | 530 m <sup>3</sup> /h | 620 m <sup>3</sup> /h | 710 m <sup>3</sup> /h |
|                |         | Low    | 440 m <sup>3</sup> /h | 470 m <sup>3</sup> /h | 550 m <sup>3</sup> /h | 600 m <sup>3</sup> /h |
|                |         | Quiet  | 390 m <sup>3</sup> /h | 410 m <sup>3</sup> /h | 430 m <sup>3</sup> /h | 450 m <sup>3</sup> /h |
| NOISE LEVEL    | Cooling | High   | 33 dB(A)              | 37 dB(A)              | 40 dB(A)              | 42 dB(A)              |
|                |         | Medium | 31 dB(A)              | 33 dB(A)              | 35 dB(A)              | 37 dB(A)              |
|                |         | Low    | 29 dB(A)              | 31 dB(A)              | 32 dB(A)              | 33 dB(A)              |
|                |         | Quiet  | 27 dB(A)              | 28 dB(A)              | 29 dB(A)              | 29 dB(A)              |
|                | Heating | High   | 34 dB(A)              | 37 dB(A)              | 40 dB(A)              | 44 dB(A)              |
|                |         | Medium | 32 dB(A)              | 33 dB(A)              | 37 dB(A)              | 40 dB(A)              |
|                |         | Low    | 29 dB(A)              | 31 dB(A)              | 34 dB(A)              | 37 dB(A)              |
|                |         | Quiet  | 27 dB(A)              | 28 dB(A)              | 29 dB(A)              | 30 dB(A)              |

## MEASUREMENTS

|            |                |                    |
|------------|----------------|--------------------|
| DIMENSIONS | H x W x D      | 245 x 570 x 570 mm |
| WEIGHT     | Net / Shipping | 15 kg / 18 kg      |

## PANEL

## MEASUREMENTS

|            |                |                   |
|------------|----------------|-------------------|
| MODEL NAME | UTG-UFYD-W     |                   |
| DIMENSIONS | H x W x D      | 49 x 700 x 700 mm |
| WEIGHT     | Net / Shipping | 2.6 kg / 4.5 kg   |

## INDOOR UNIT SLIM DUCT

### ELECTRICAL DATA

|            |              |              |              |
|------------|--------------|--------------|--------------|
| MODEL NAME | ARAG09LLLA   | ARAG12LLLA   | ARAG14LLLA   |
| CAPACITY   | 2.5 kW class | 3.5 kW class | 4.0 kW class |

### FAN MOTOR

| DISCRIMINATION |         |        | MFG-14WVA             |                       |                       |
|----------------|---------|--------|-----------------------|-----------------------|-----------------------|
| FAN SPEED      | Cooling | High   | 1,260 r.p.m.          | 1,340 r.p.m.          | 1,560 r.p.m.          |
|                |         | Medium | 1,160 r.p.m.          | 1,240 r.p.m.          | 1,400 r.p.m.          |
|                |         | Low    | 1,060 r.p.m.          | 1,140 r.p.m.          | 1,240 r.p.m.          |
|                |         | Quiet  | 960 r.p.m.            | 1,030 r.p.m.          | 1,030 r.p.m.          |
|                | Heating | High   | 1,260 r.p.m.          | 1,340 r.p.m.          | 1,560 r.p.m.          |
|                |         | Medium | 1,160 r.p.m.          | 1,240 r.p.m.          | 1,400 r.p.m.          |
|                |         | Low    | 1,060 r.p.m.          | 1,140 r.p.m.          | 1,240 r.p.m.          |
|                |         | Quiet  | 960 r.p.m.            | 1,030 r.p.m.          | 1,030 r.p.m.          |
| AIR FLOW       | Cooling | High   | 600 m <sup>3</sup> /h | 650 m <sup>3</sup> /h | 800 m <sup>3</sup> /h |
|                |         | Medium | 550 m <sup>3</sup> /h | 600 m <sup>3</sup> /h | 700 m <sup>3</sup> /h |
|                |         | Low    | 500 m <sup>3</sup> /h | 550 m <sup>3</sup> /h | 600 m <sup>3</sup> /h |
|                |         | Quiet  | 450 m <sup>3</sup> /h | 480 m <sup>3</sup> /h | 480 m <sup>3</sup> /h |
|                | Heating | High   | 600 m <sup>3</sup> /h | 650 m <sup>3</sup> /h | 800 m <sup>3</sup> /h |
|                |         | Medium | 550 m <sup>3</sup> /h | 600 m <sup>3</sup> /h | 700 m <sup>3</sup> /h |
|                |         | Low    | 500 m <sup>3</sup> /h | 550 m <sup>3</sup> /h | 600 m <sup>3</sup> /h |
|                |         | Quiet  | 450 m <sup>3</sup> /h | 480 m <sup>3</sup> /h | 480 m <sup>3</sup> /h |
| NOISE LEVEL    | Cooling | High   | 28 dB(A)              | 29 dB(A)              | 32 dB(A)              |
|                |         | Medium | 27 dB(A)              | 28 dB(A)              | 30 dB(A)              |
|                |         | Low    | 26 dB(A)              | 27 dB(A)              | 28 dB(A)              |
|                |         | Quiet  | 25 dB(A)              | 26 dB(A)              | 26 dB(A)              |
|                | Heating | High   | 28 dB(A)              | 29 dB(A)              | 33 dB(A)              |
|                |         | Medium | 26 dB(A)              | 28 dB(A)              | 30 dB(A)              |
|                |         | Low    | 25 dB(A)              | 27 dB(A)              | 28 dB(A)              |
|                |         | Quiet  | 24 dB(A)              | 24 dB(A)              | 25 dB(A)              |

### MEASUREMENTS

|            |                |                    |
|------------|----------------|--------------------|
| DIMENSIONS | H x W x D      | 198 x 700 x 620 mm |
| WEIGHT     | Net / Shipping | 19 kg / 26 kg      |

## INDOOR UNIT SLIM DUCT

### ELECTRICAL DATA

|            |              |              |
|------------|--------------|--------------|
| MODEL NAME | ARAG18LLLA   | ARAG24LLLA   |
| CAPACITY   | 5.0 kW class | 7.0 kW class |

### FAN MOTOR

| DISCRIMINATION |         |        | MFG-24WVA             |                         |
|----------------|---------|--------|-----------------------|-------------------------|
| FAN SPEED      | Cooling | High   | 1,380 r.p.m.          | 1,460 r.p.m.            |
|                |         | Medium | 1,300 r.p.m.          | 1,360 r.p.m.            |
|                |         | Low    | 1,220 r.p.m.          | 1,260 r.p.m.            |
|                |         | Quiet  | 1,140 r.p.m.          | 1,180 r.p.m.            |
|                | Heating | High   | 1,380 r.p.m.          | 1,460 r.p.m.            |
|                |         | Medium | 1,300 r.p.m.          | 1,360 r.p.m.            |
|                |         | Low    | 1,220 r.p.m.          | 1,260 r.p.m.            |
|                |         | Quiet  | 1,140 r.p.m.          | 1,180 r.p.m.            |
| AIR FLOW       | Cooling | High   | 940 m <sup>3</sup> /h | 1,330 m <sup>3</sup> /h |
|                |         | Medium | 880 m <sup>3</sup> /h | 1,240 m <sup>3</sup> /h |
|                |         | Low    | 820 m <sup>3</sup> /h | 1,100 m <sup>3</sup> /h |
|                |         | Quiet  | 750 m <sup>3</sup> /h | 1,030 m <sup>3</sup> /h |
|                | Heating | High   | 940 m <sup>3</sup> /h | 1,330 m <sup>3</sup> /h |
|                |         | Medium | 880 m <sup>3</sup> /h | 1,240 m <sup>3</sup> /h |
|                |         | Low    | 820 m <sup>3</sup> /h | 1,100 m <sup>3</sup> /h |
|                |         | Quiet  | 750 m <sup>3</sup> /h | 1,030 m <sup>3</sup> /h |
| NOISE LEVEL    | Cooling | High   | 32 dB(A)              | 33 dB(A)                |
|                |         | Medium | 31 dB(A)              | 32 dB(A)                |
|                |         | Low    | 30 dB(A)              | 30 dB(A)                |
|                |         | Quiet  | 29 dB(A)              | 29 dB(A)                |
|                | Heating | High   | 33 dB(A)              | 35 dB(A)                |
|                |         | Medium | 32 dB(A)              | 34 dB(A)                |
|                |         | Low    | 31 dB(A)              | 32 dB(A)                |
|                |         | Quiet  | 29 dB(A)              | 29 dB(A)                |

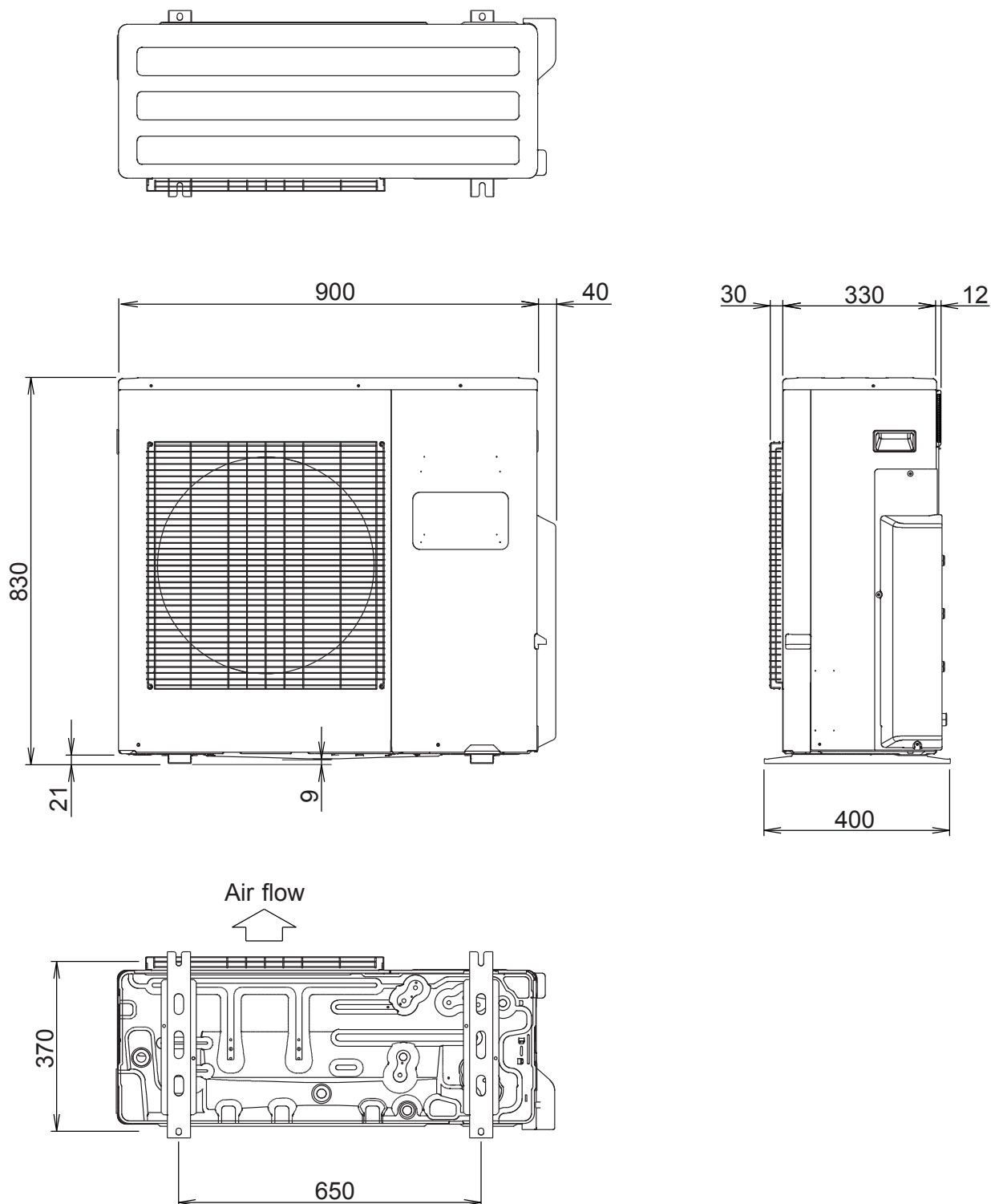
### MEASUREMENTS

|            |                |                    |                      |
|------------|----------------|--------------------|----------------------|
| DIMENSIONS | H x W x D      | 198 x 900 x 620 mm | 198 x 1,100 x 620 mm |
| WEIGHT     | Net / Shipping | 23 kg / 30 kg      | 27 kg / 34 kg        |

## DIMENSIONS

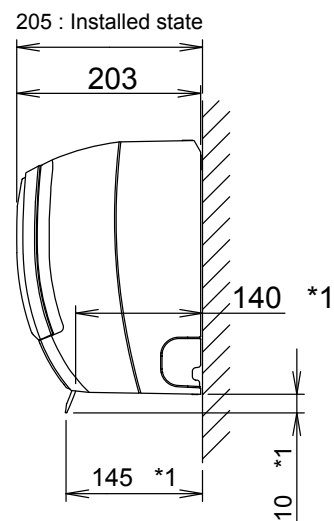
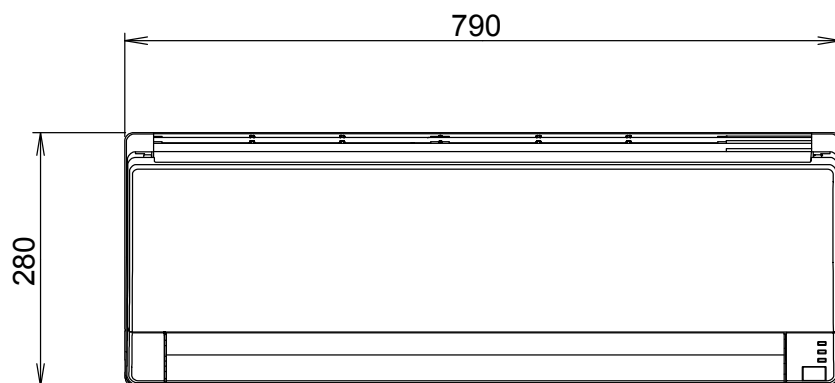
### OUTDOOR UNIT

Unit : mm

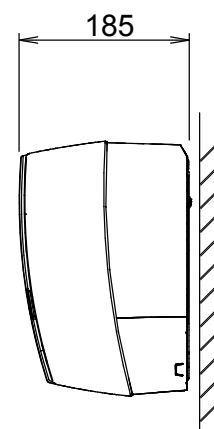
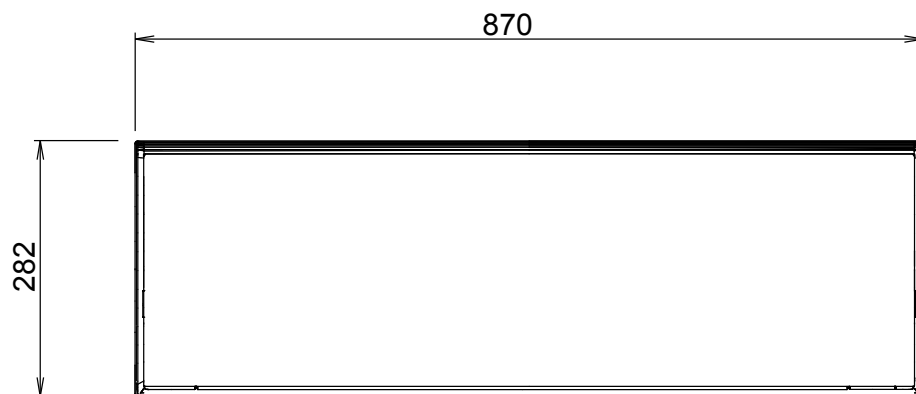


Unit : mm

INDOOR UNIT  
COMPACT WALL MOUNTED  
ASAG07LJCA, ASAG09LJCA, ASAG12LJCA

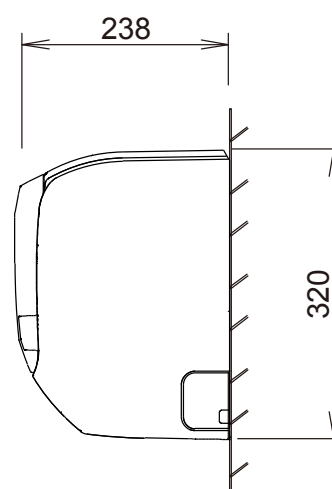
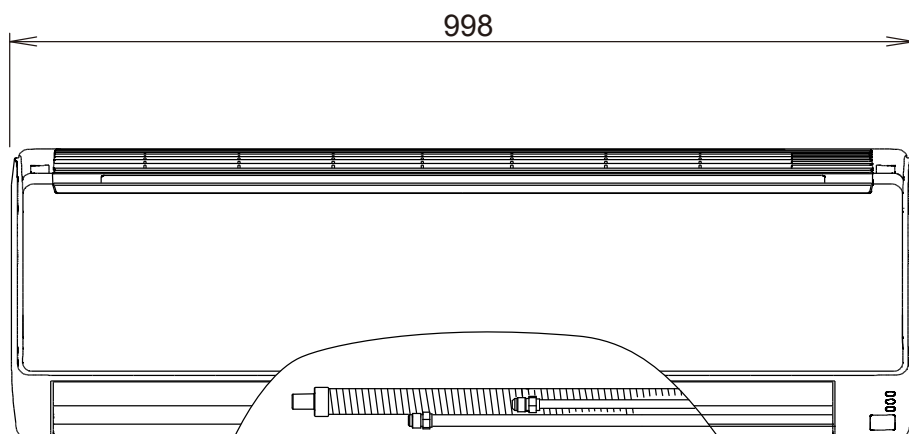


INDOOR UNIT  
COMPACT WALL MOUNTED  
ASYG07LUCA, ASYG09LUCA, ASYG12LUCA



\*1: Vertical flap is downward

INDOOR UNIT  
WALL MOUNTED  
ASAG18LFCA, ASAG24LFCA

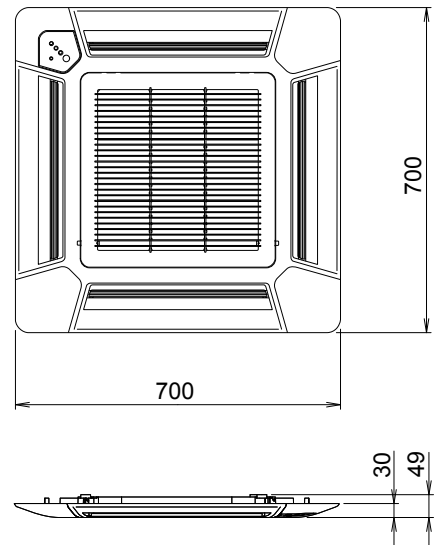
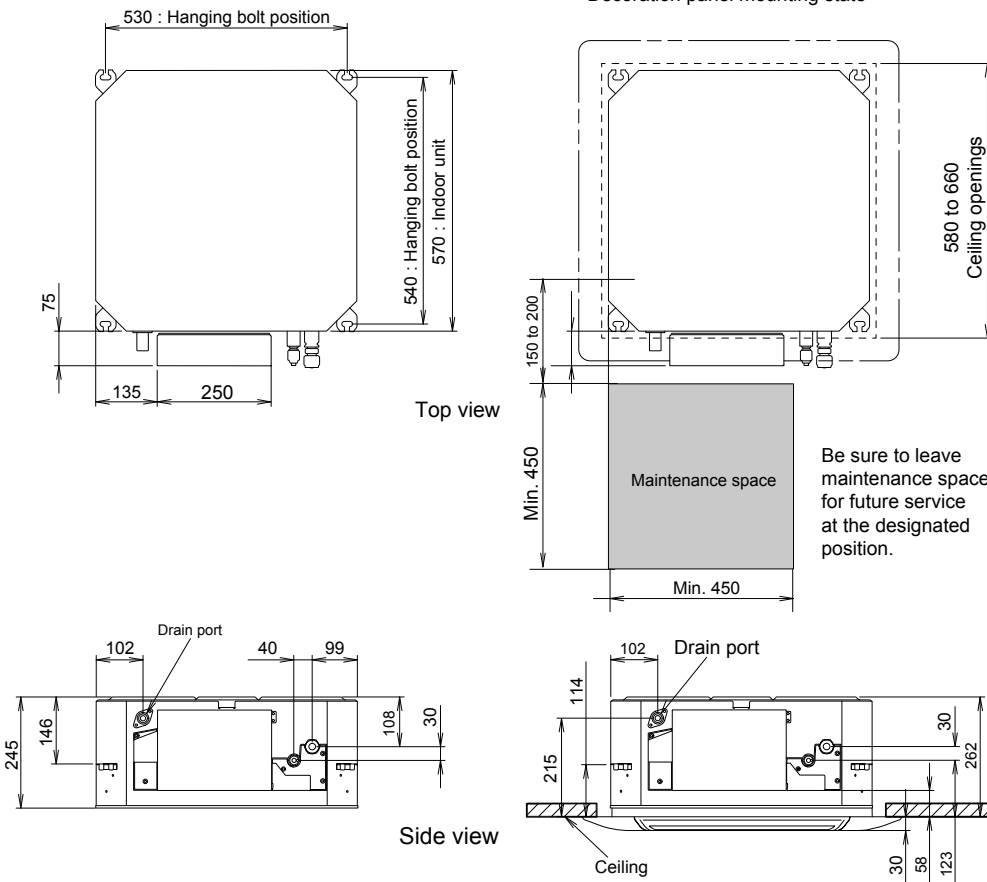


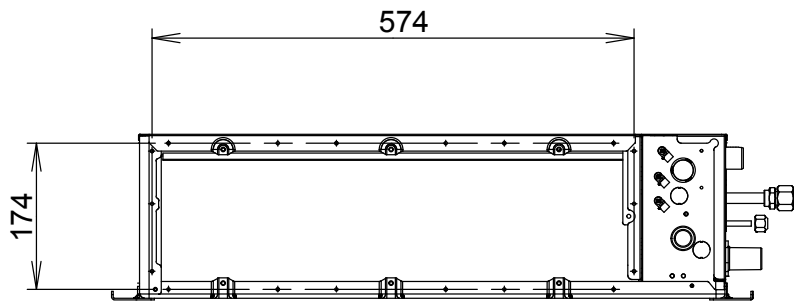
INDOOR UNIT  
 COMPACT CASSETTE  
 AUAG09LVLA  
 AUAG12LVLA  
 AUAG14LVLA  
 AUAG18LVLA

Unit : mm

Decoration panel mounting state

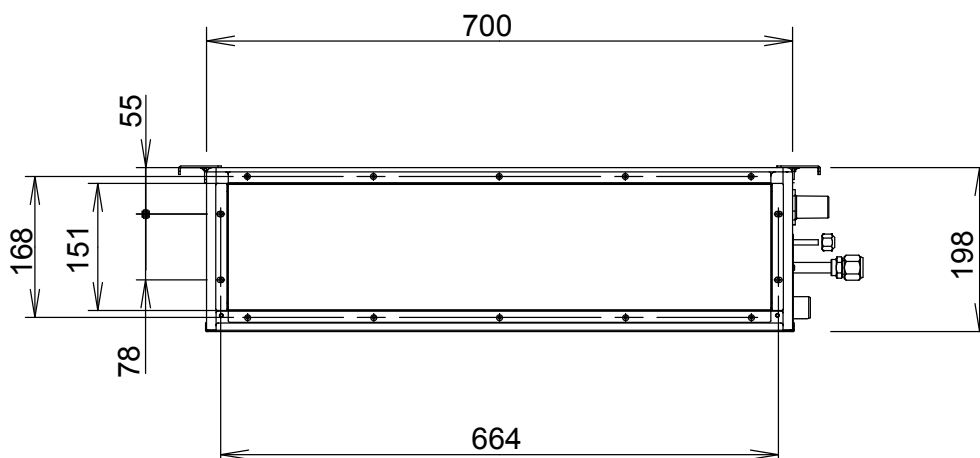
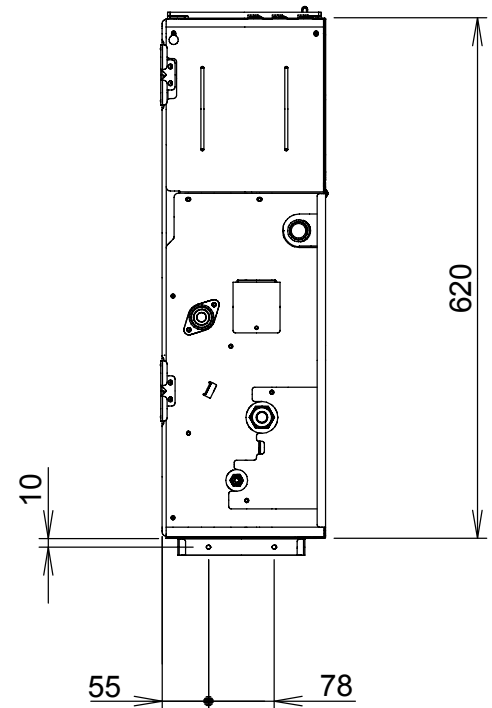
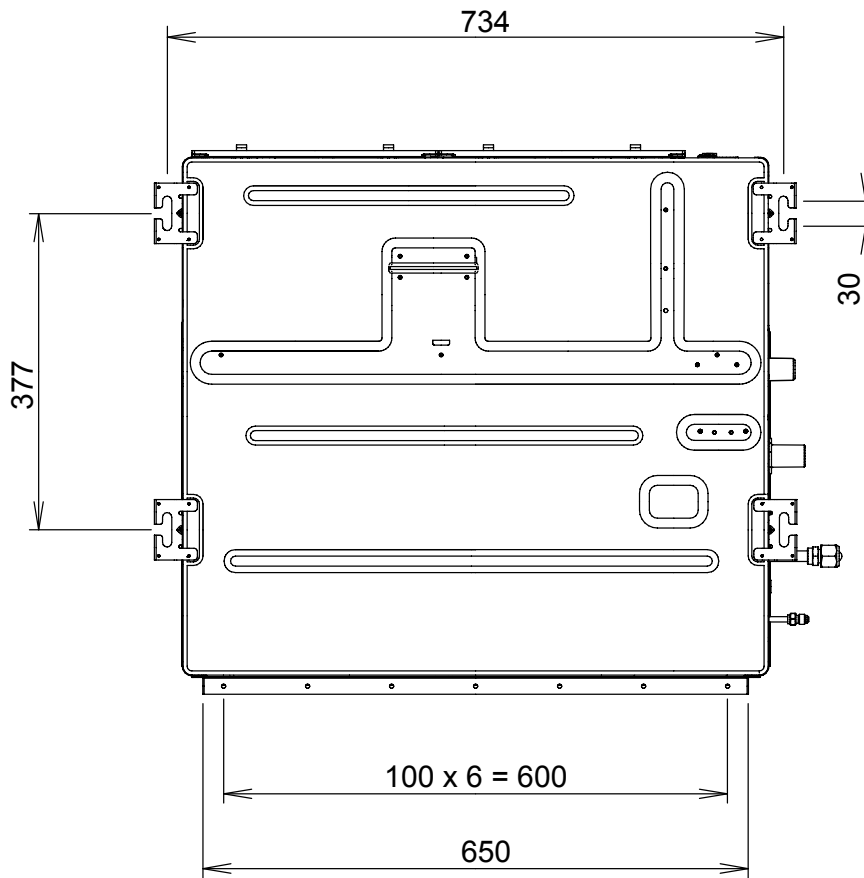
DECORATION PANEL  
 UTG-UFYD-W

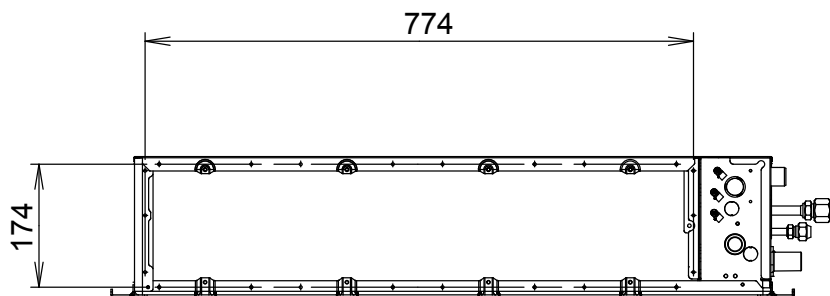




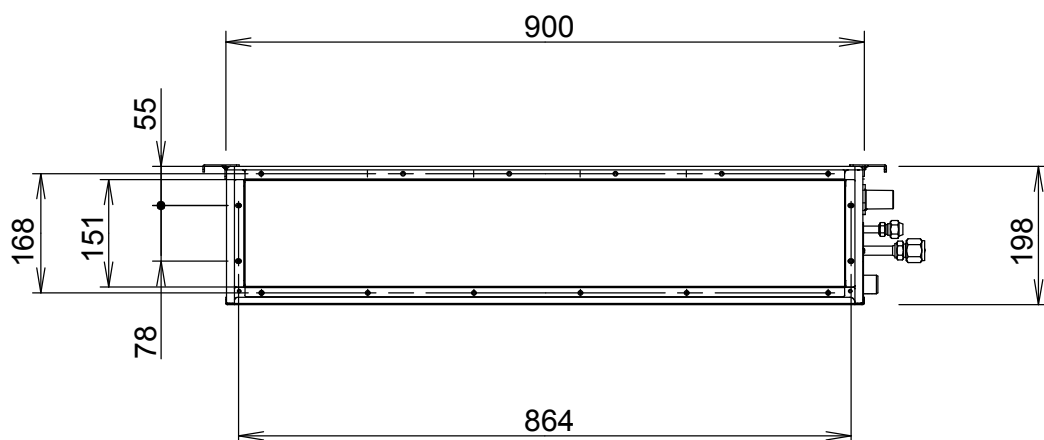
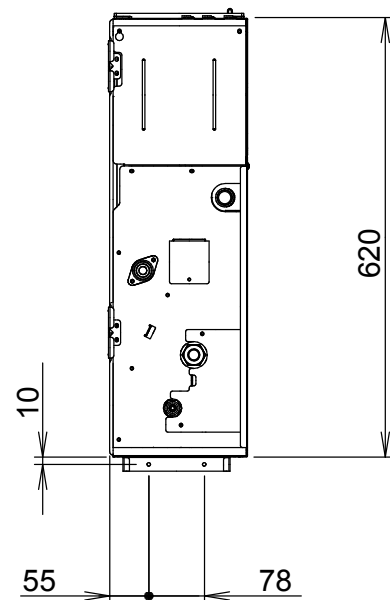
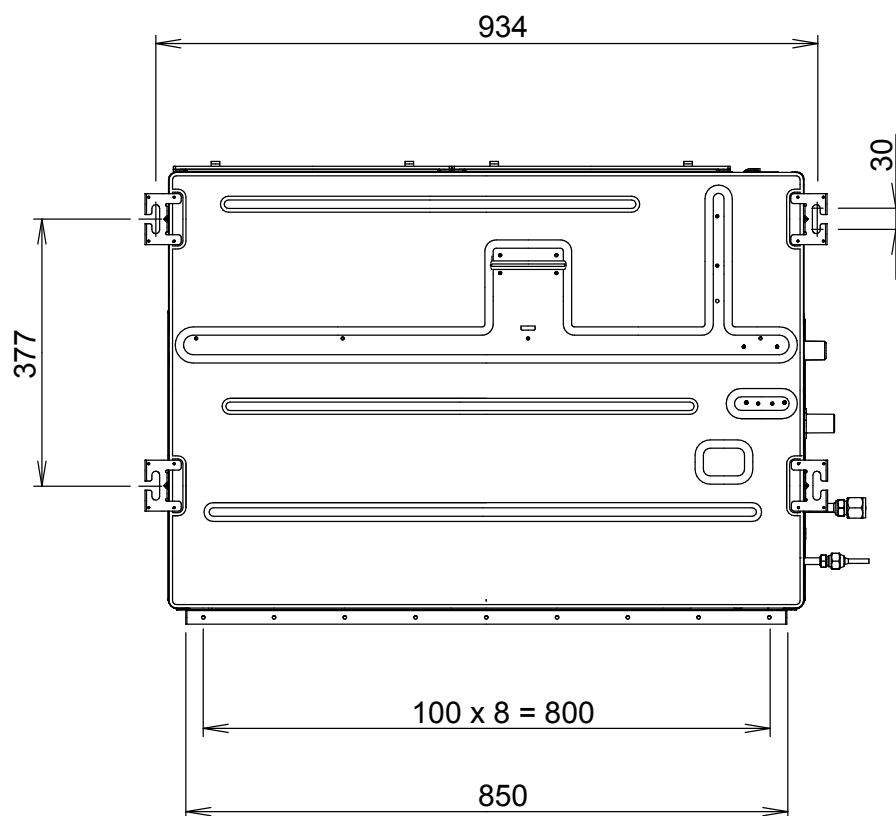
INDOOR UNIT  
SLIM DUCT  
ARAG09LLLA  
ARAG12LLLA  
ARAG14LLLA

Unit : mm

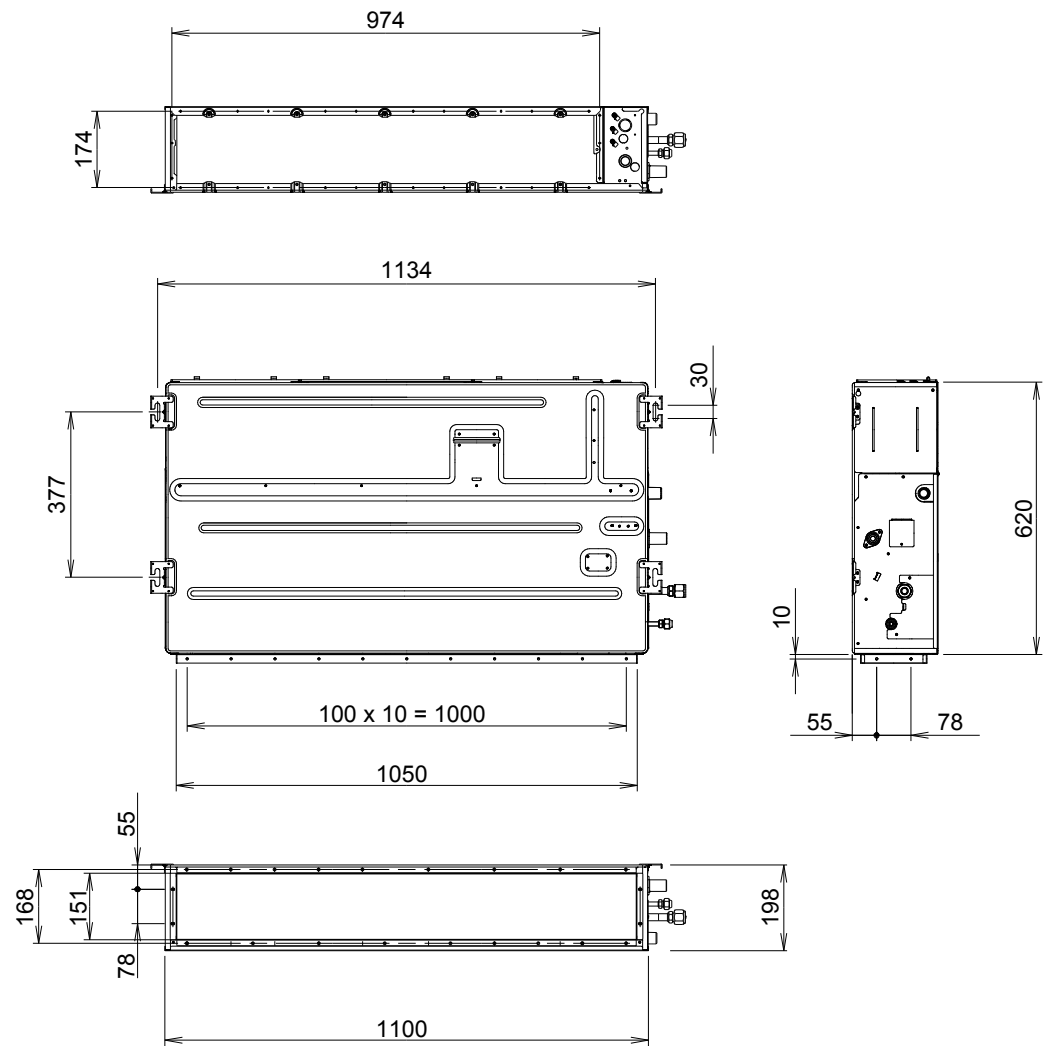




INDOOR UNIT  
SLIM DUCT  
ARAG18LLLA  
Unit : mm

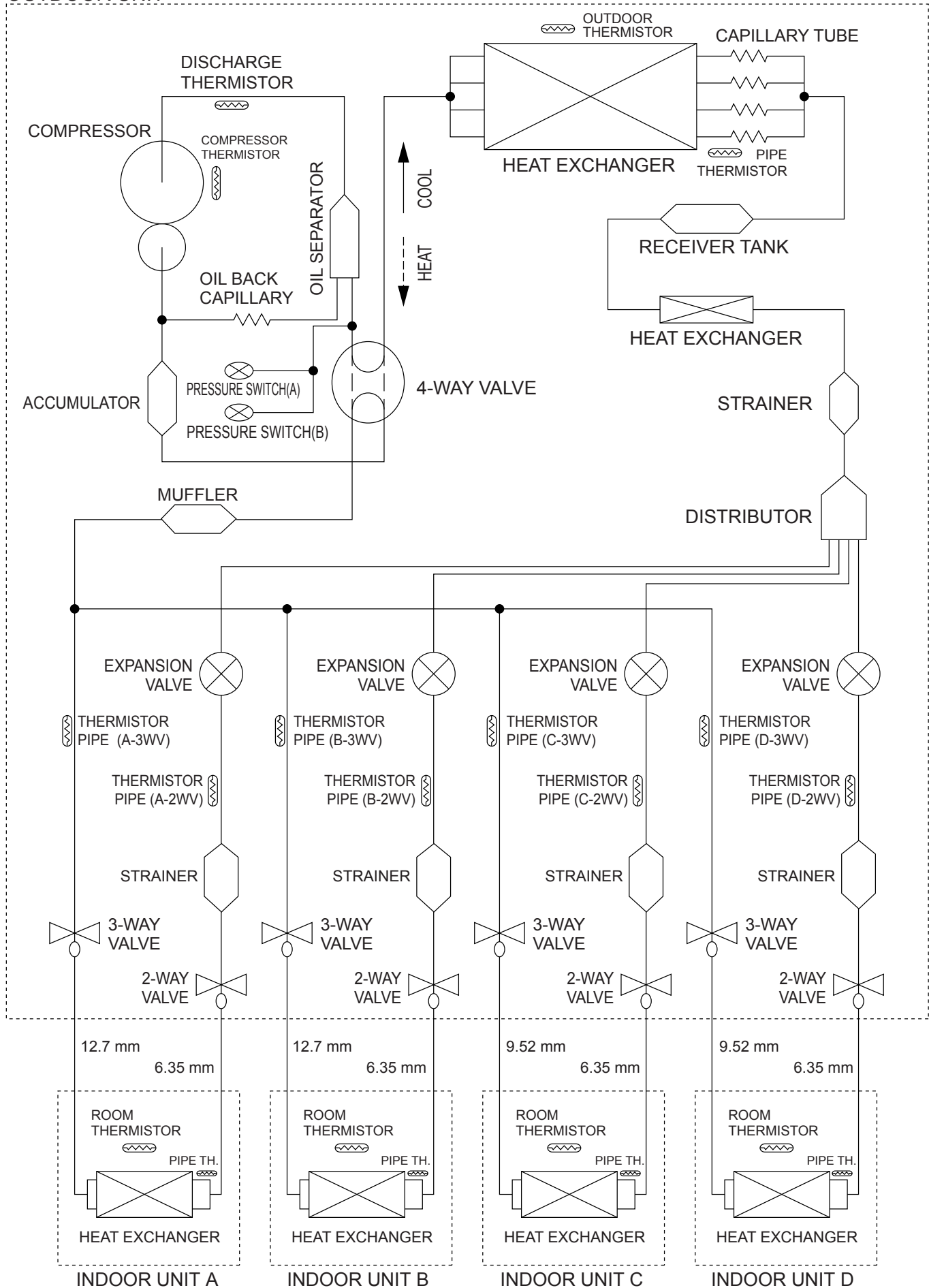


INDOOR UNIT  
SLIM DUCT  
ARAG24LLA  
Unit : mm



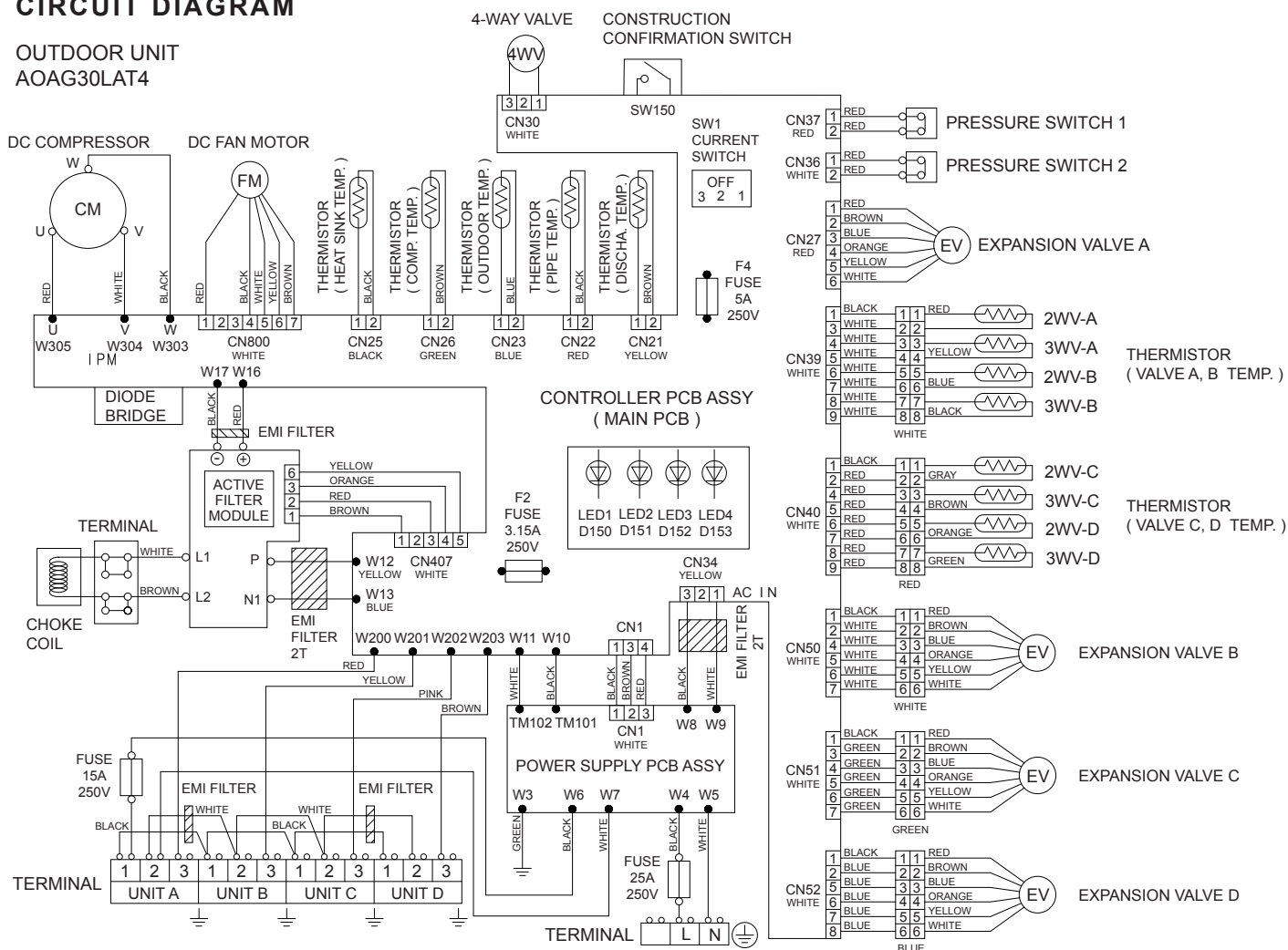
# REFRIGERANT SYSTEM DIAGRAM

## OUTDOOR UNIT

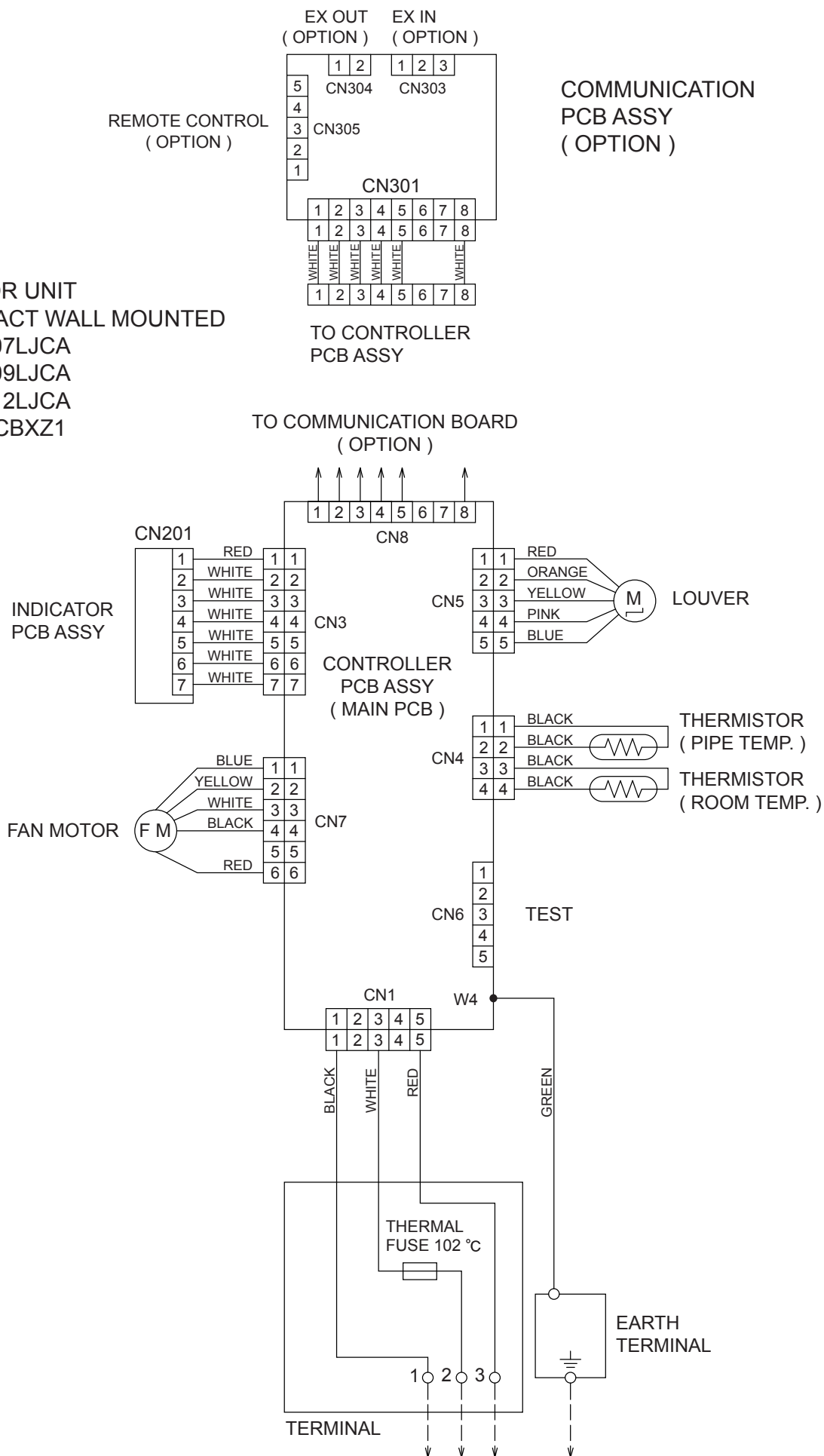


## CIRCUIT DIAGRAM

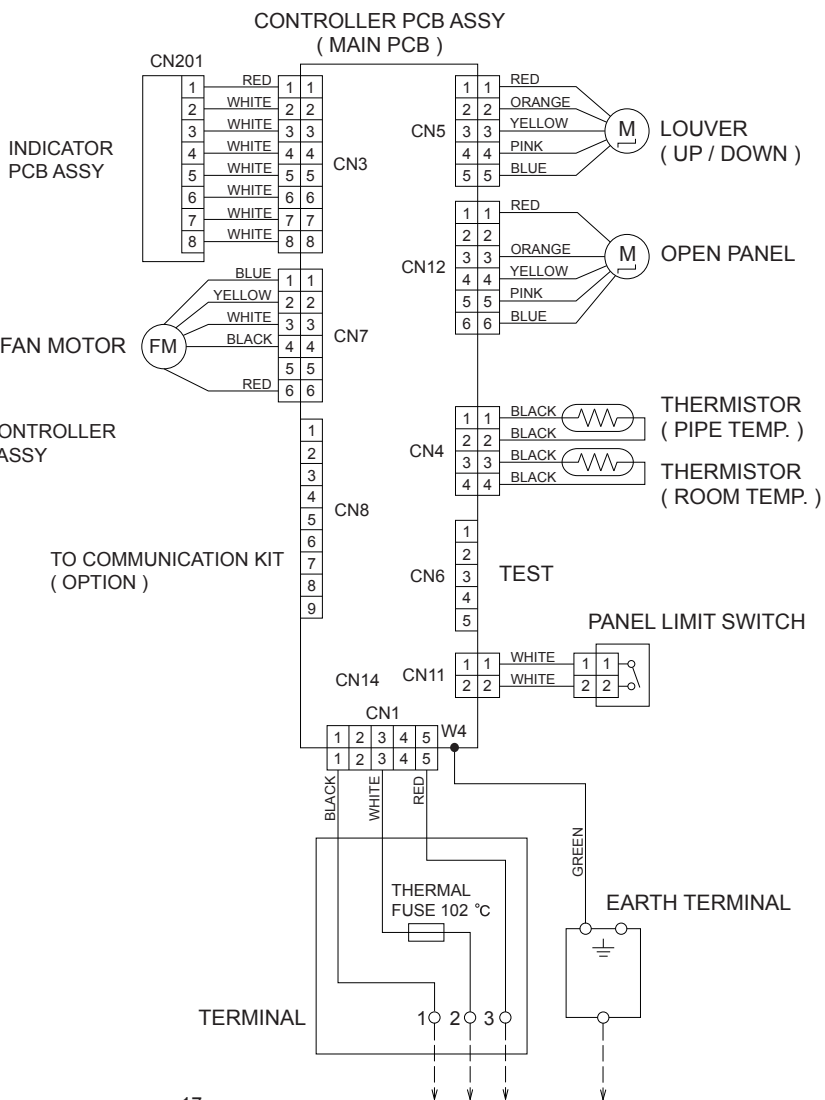
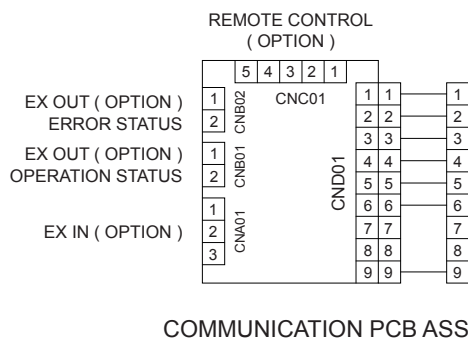
OUTDOOR UNIT  
AOAG30LAT4



INDOOR UNIT  
COMPACT WALL MOUNTED  
ASAG07LJCA  
ASAG09LJCA  
ASAG12LJCA  
UTY-XCBXZ1

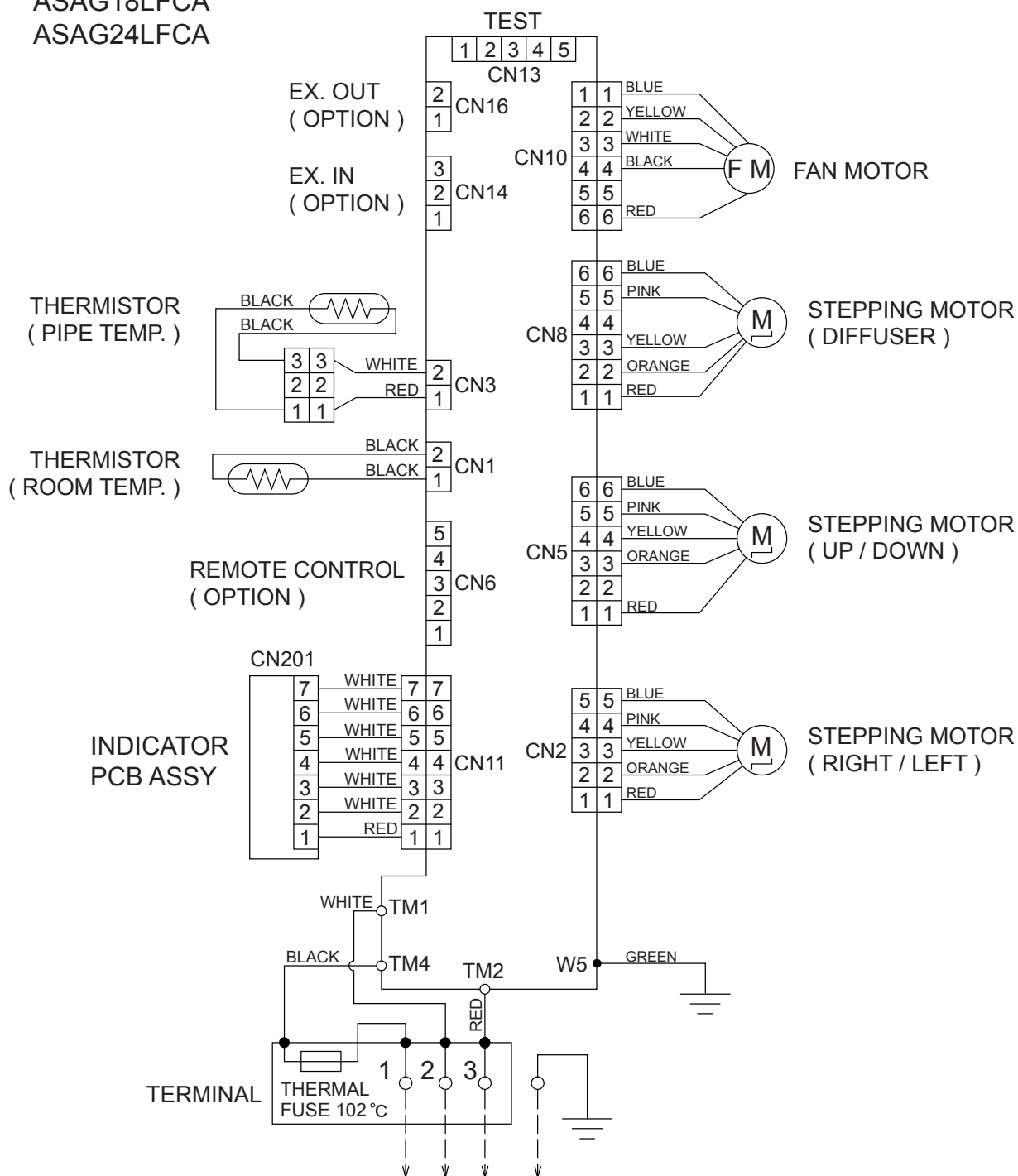


INDOOR UNIT  
COMPACT WALL MOUNTED  
ASYG07LUCA  
ASYG09LUCA  
ASYG12LUCA  
UTY-TWBXF

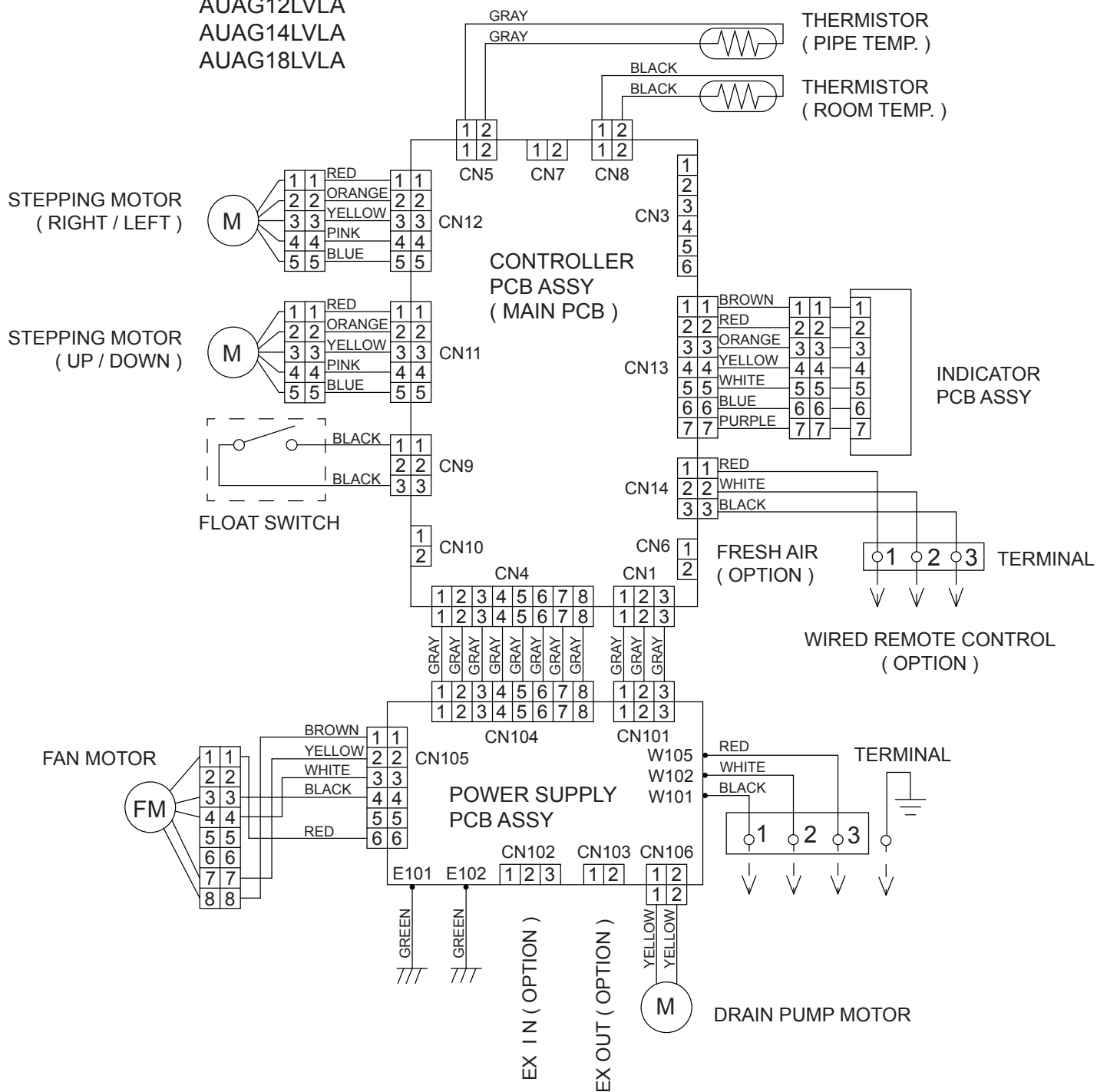


INDOOR UNIT  
WALL MOUNTED  
ASAG18LFCA  
ASAG24LFCA

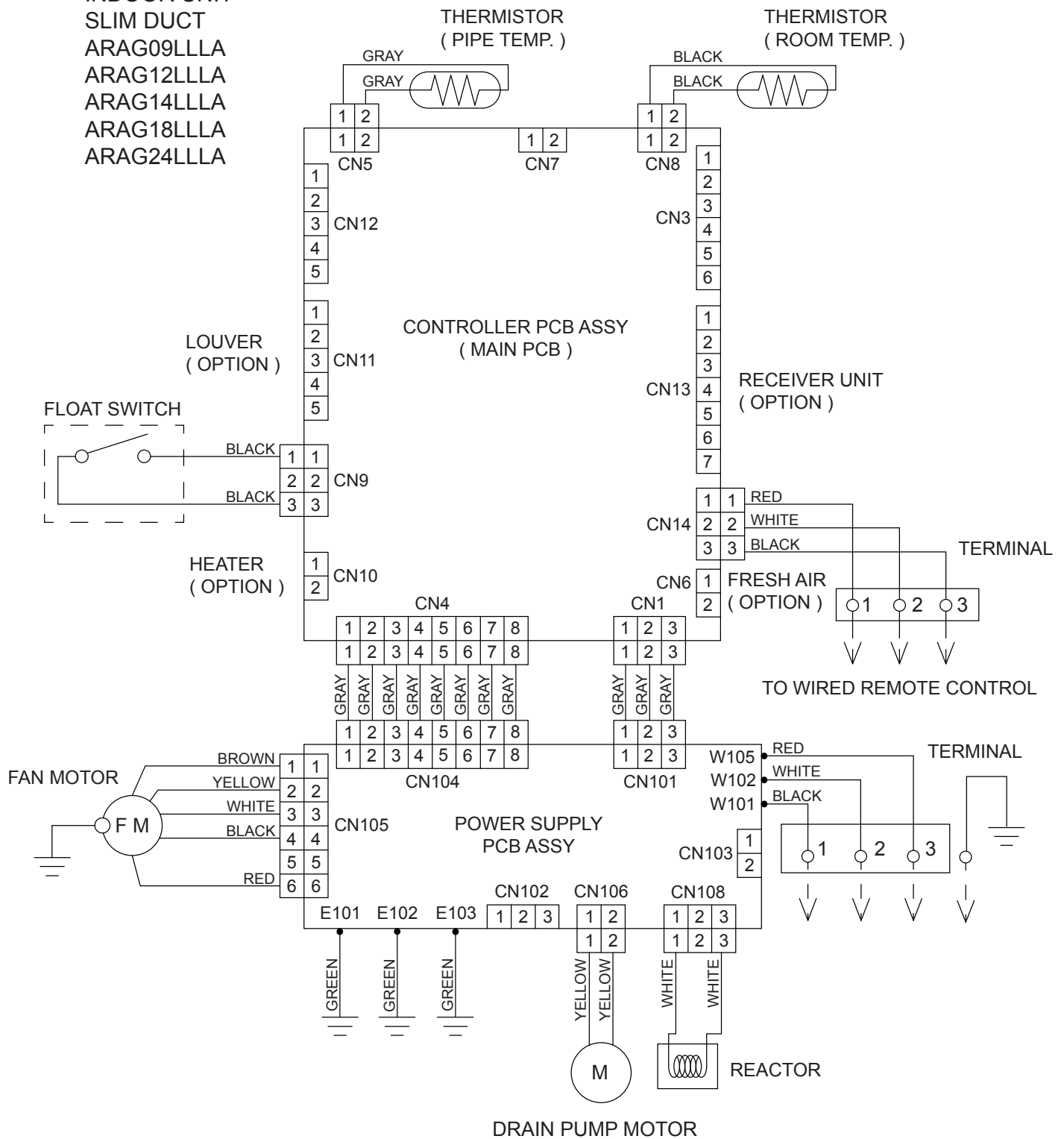
CONTROLLER  
PCB ASSY  
( MAIN PCB )



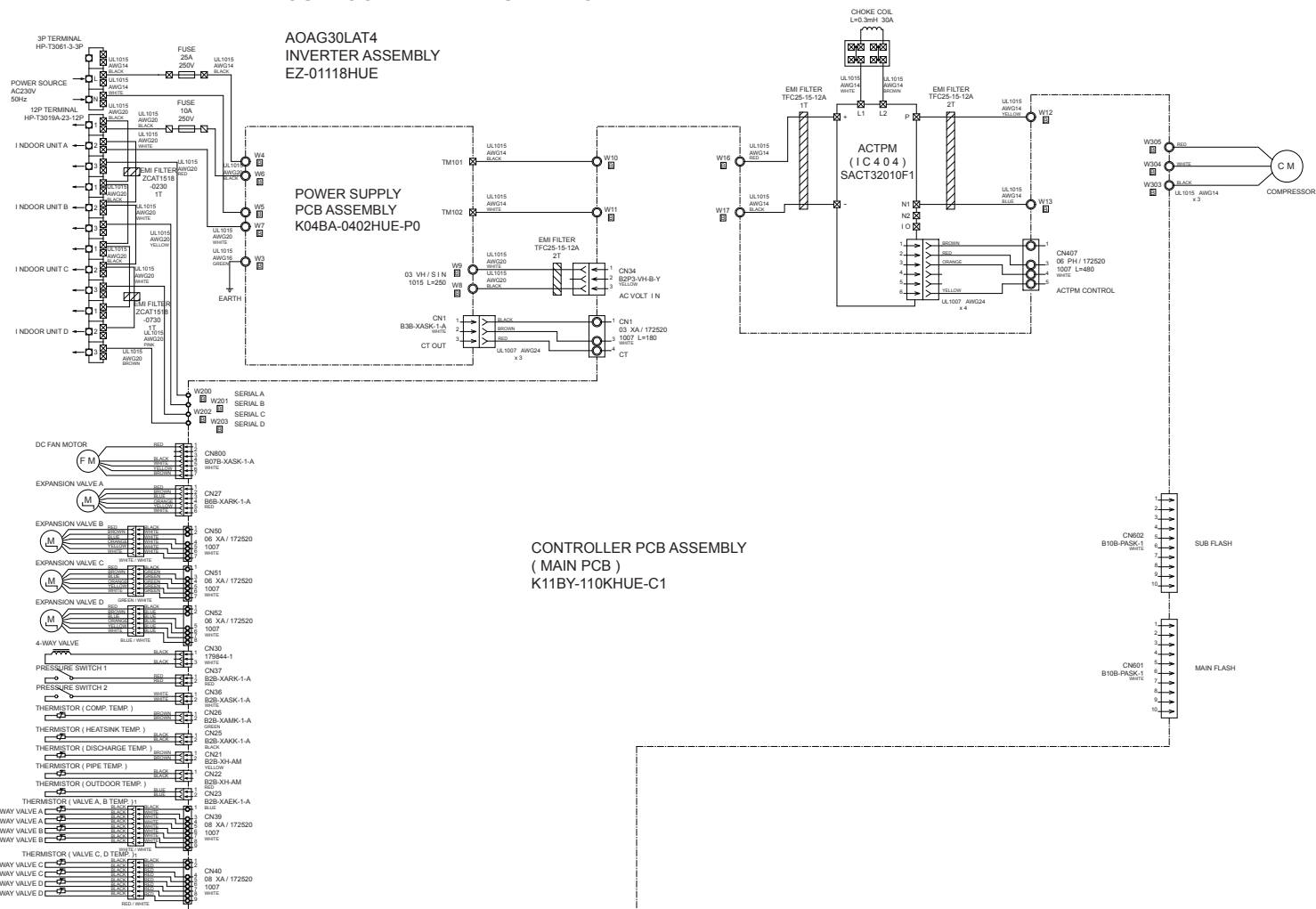
INDOOR UNIT  
COMPACT CASSETTE  
AUAG09LVLA  
AUAG12LVLA  
AUAG14LVLA  
AUAG18LVLA



INDOOR UNIT  
SLIM DUCT  
ARAG09LLLA  
ARAG12LLLA  
ARAG14LLLA  
ARAG18LLLA  
ARAG24LLLA



## OUTDOOR PCB CIRCUIT DIAGRAM

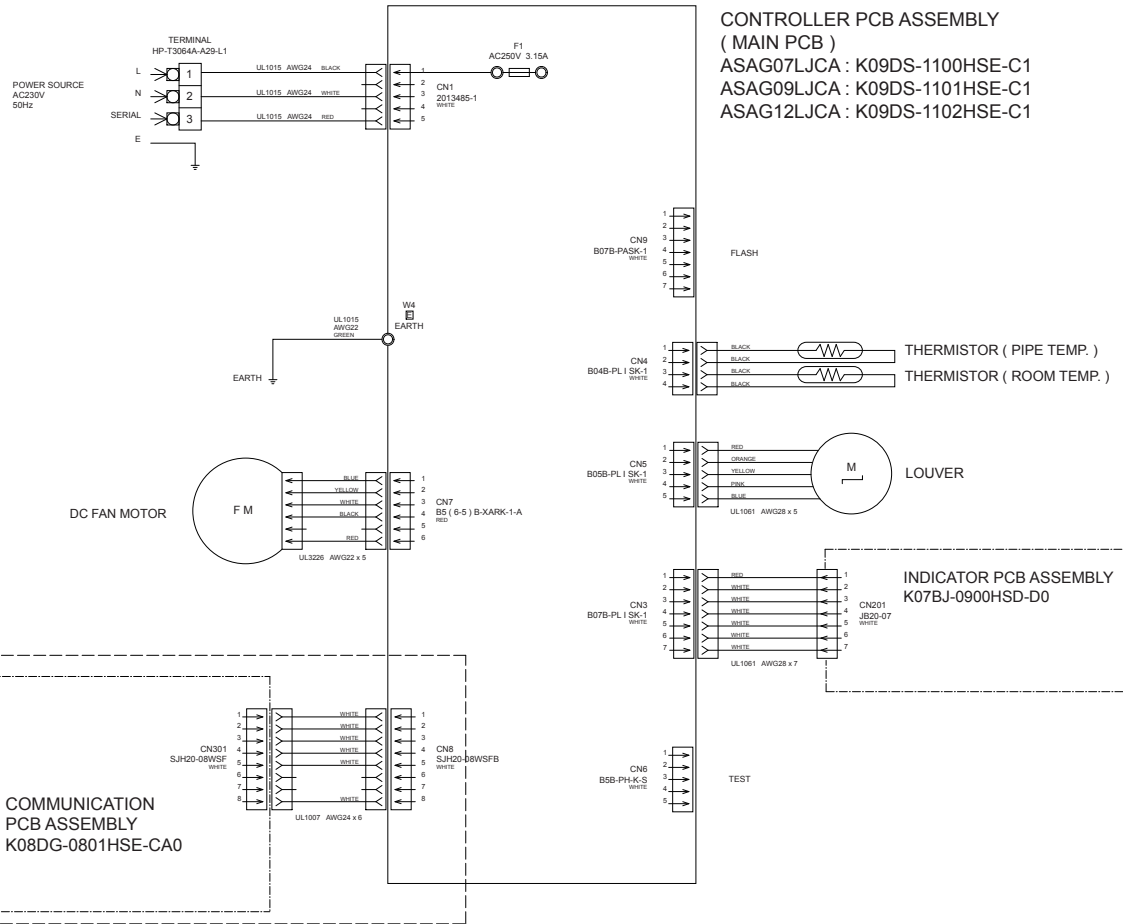




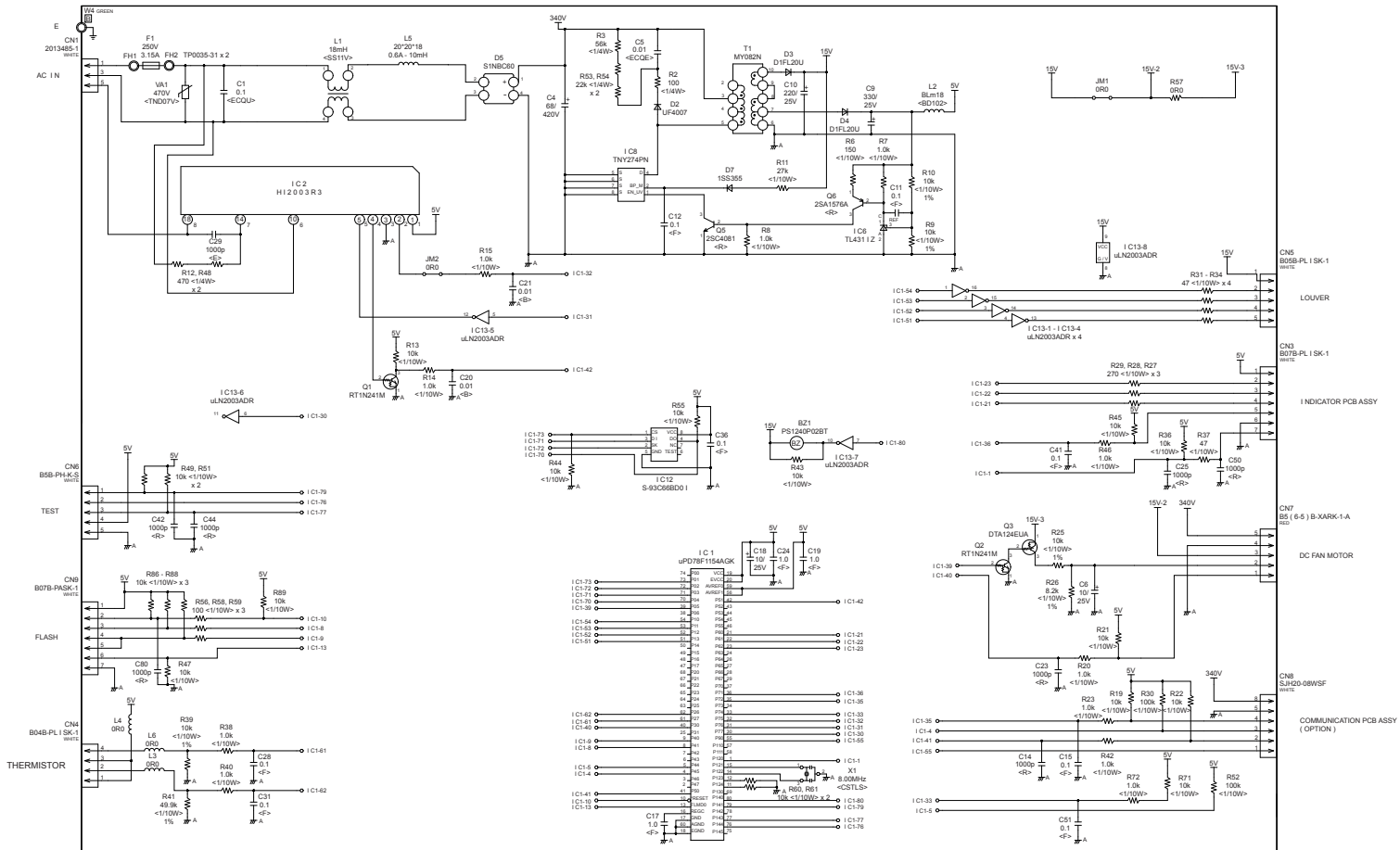
TM100  
86028

## INDOOR PCB CIRCUIT DIAGRAM

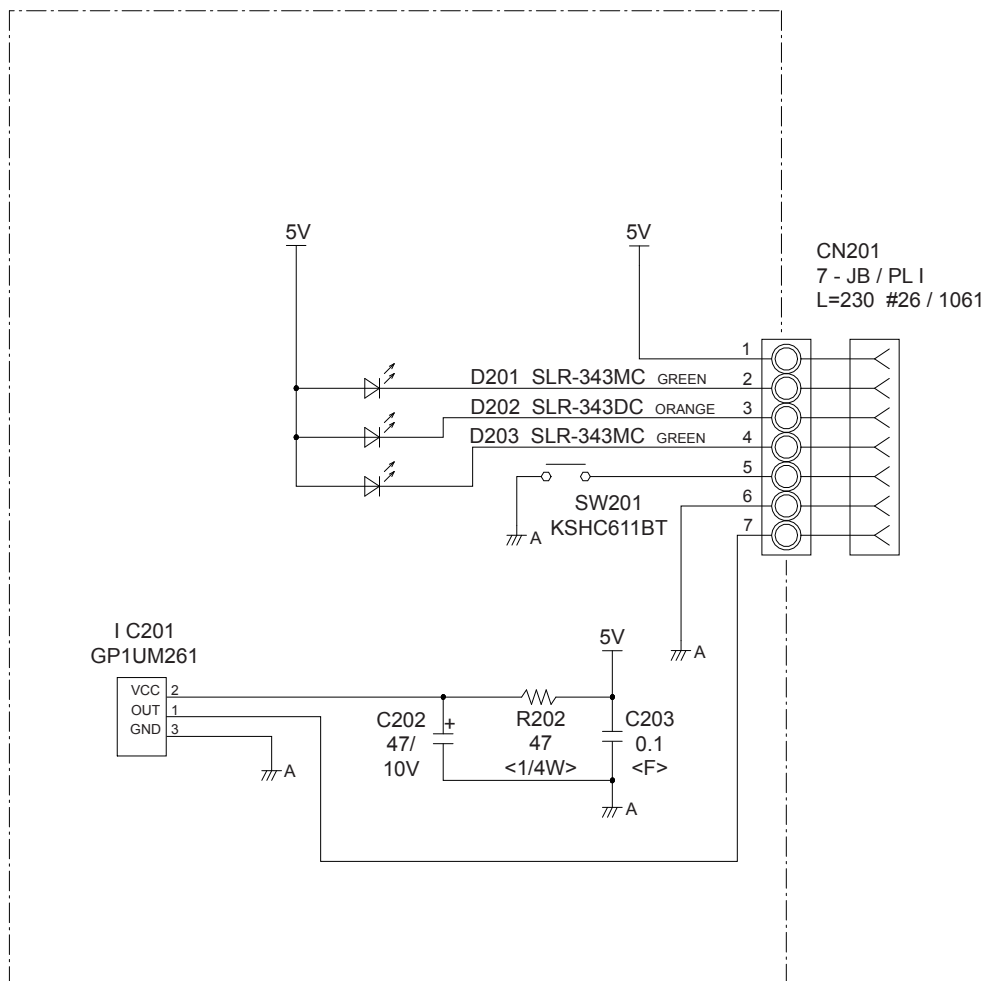
COMPACT WALL MOUNTED  
CONTROL UNIT  
ASAG07LJCA : EZ-010MHSE  
ASAG09LJCA : EZ-010PHSE  
ASAG12LJCA : EZ-010RHSE

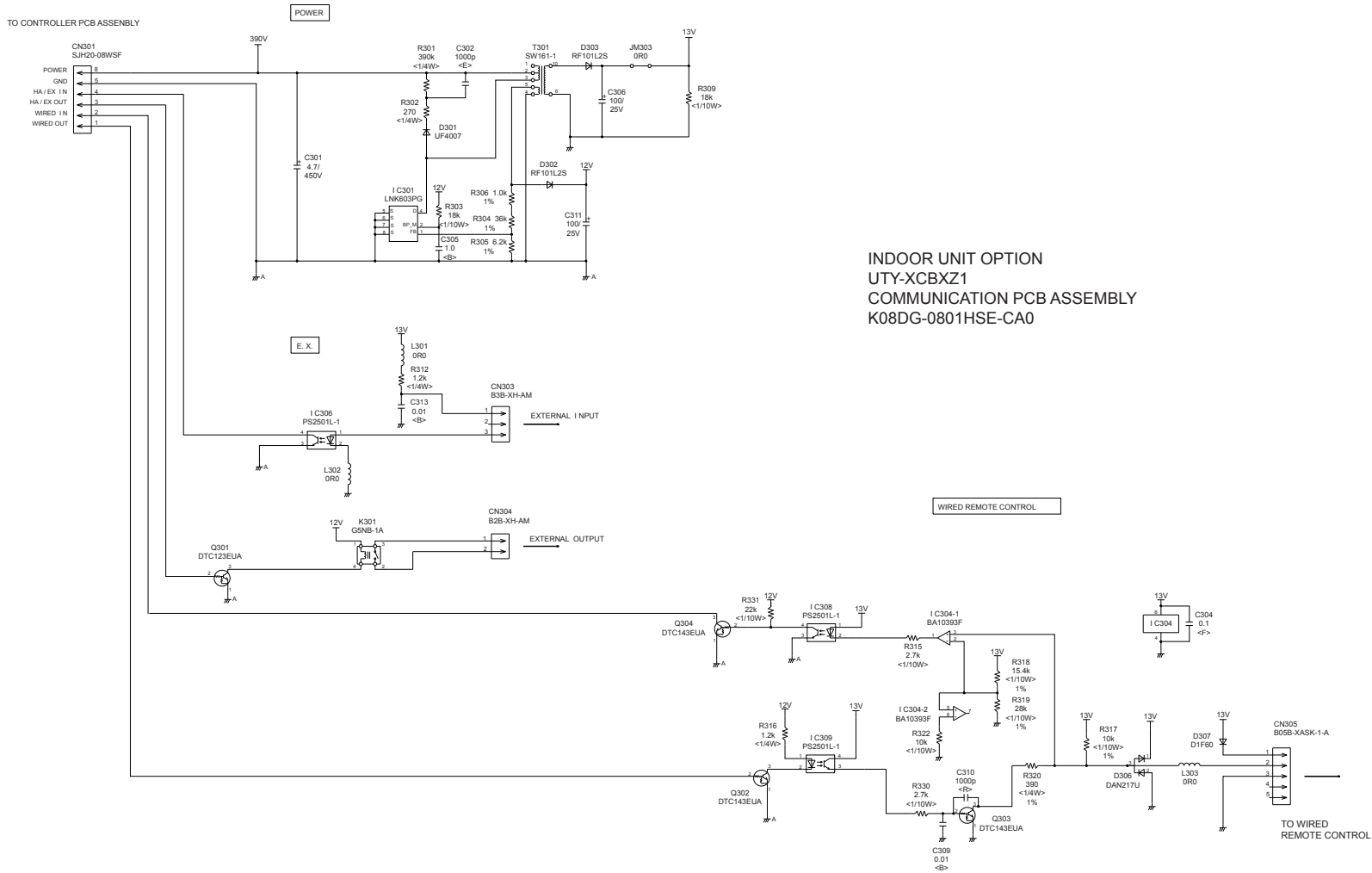


INDOOR UNIT  
COMPACT WALL MOUNTED  
CONTROLLER PCB ASSEMBLY  
( MAIN PCB )  
ASAG07LJCA : K09DS-1100HSE-C1  
ASAG09LJCA : K09DS-1101HSE-C1  
ASAG12LJCA : K09DS-1102HSE-C1

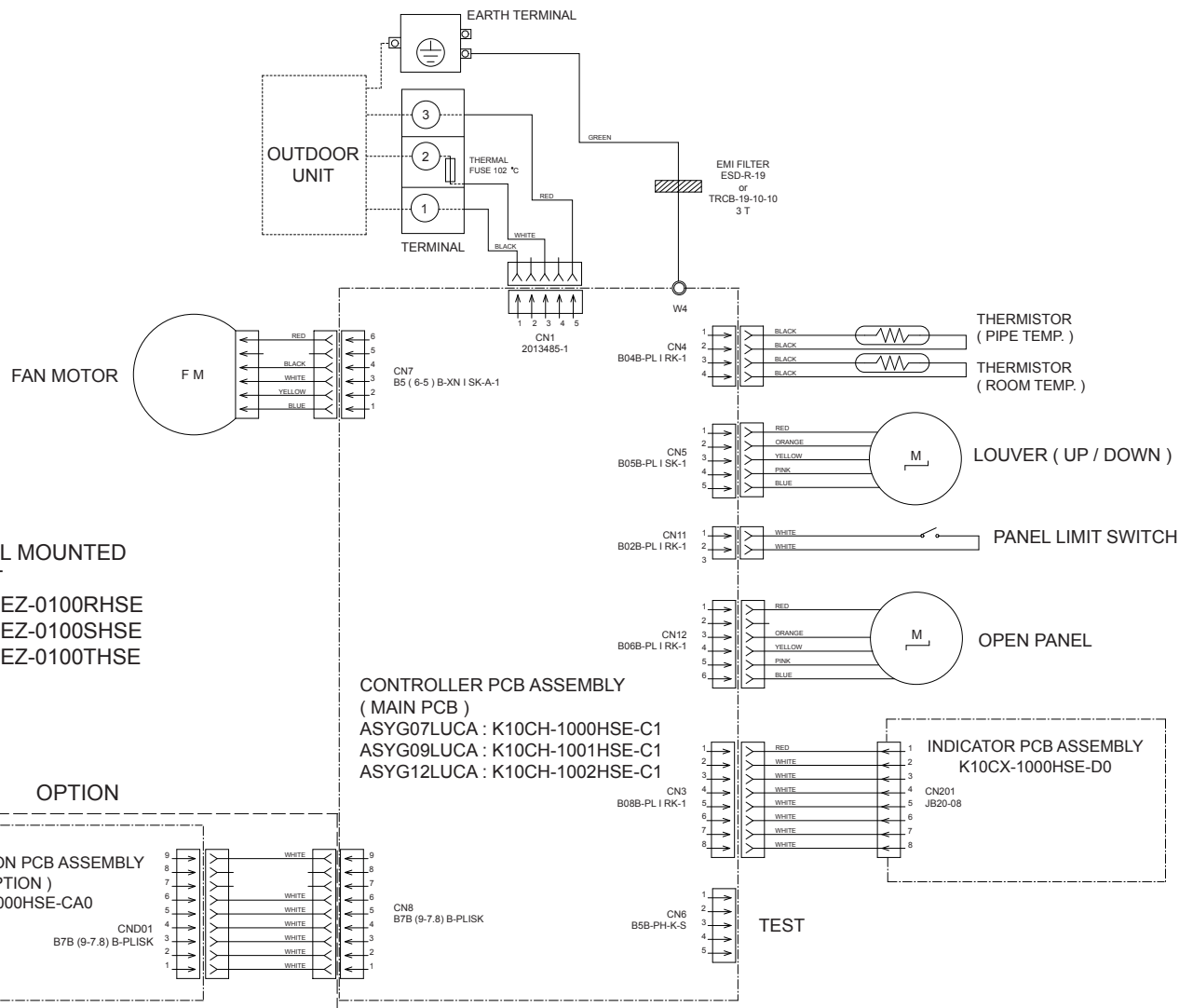


INDOOR UNIT  
 COMPACT WALL MOUNTED  
 ASAG07LJCA  
 ASAG09LJCA  
 ASAG12LJCA  
 INDICATOR PCB ASSEMBLY  
 K07BJ-0900HSD-D0



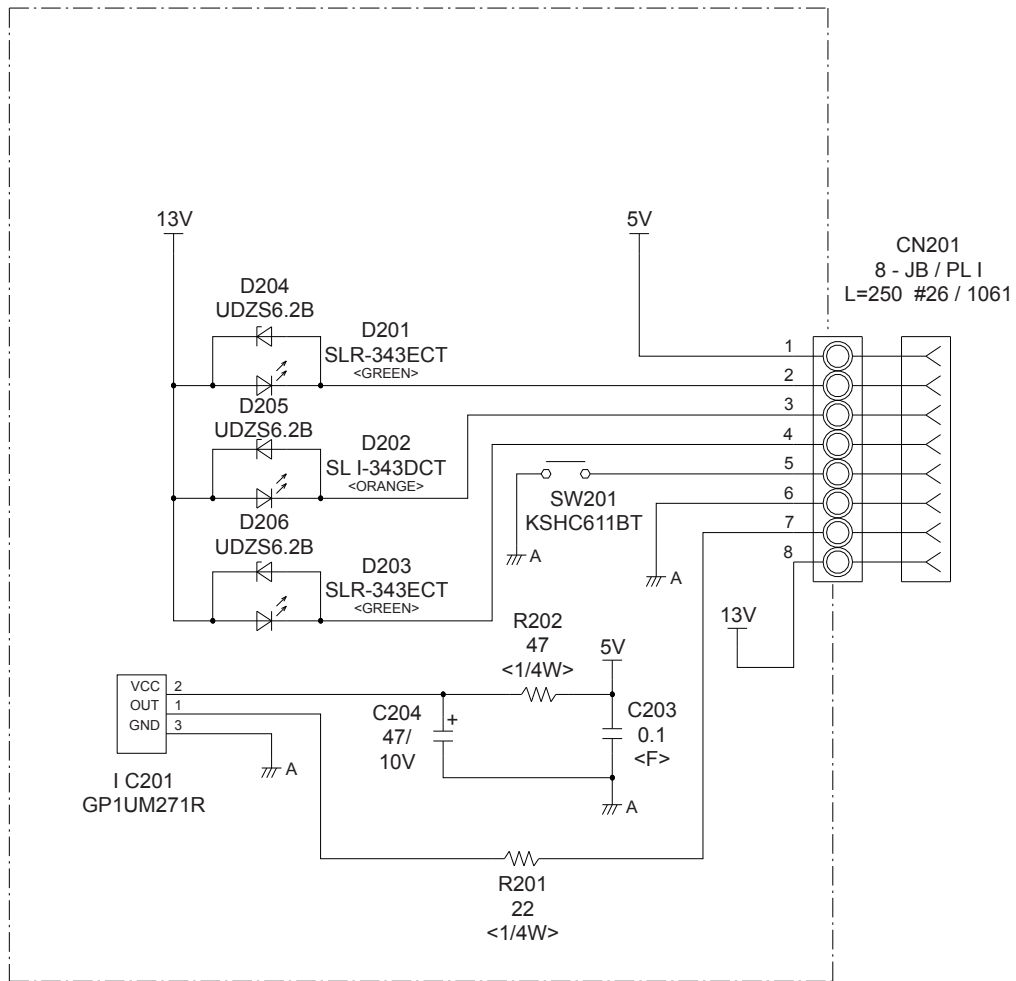


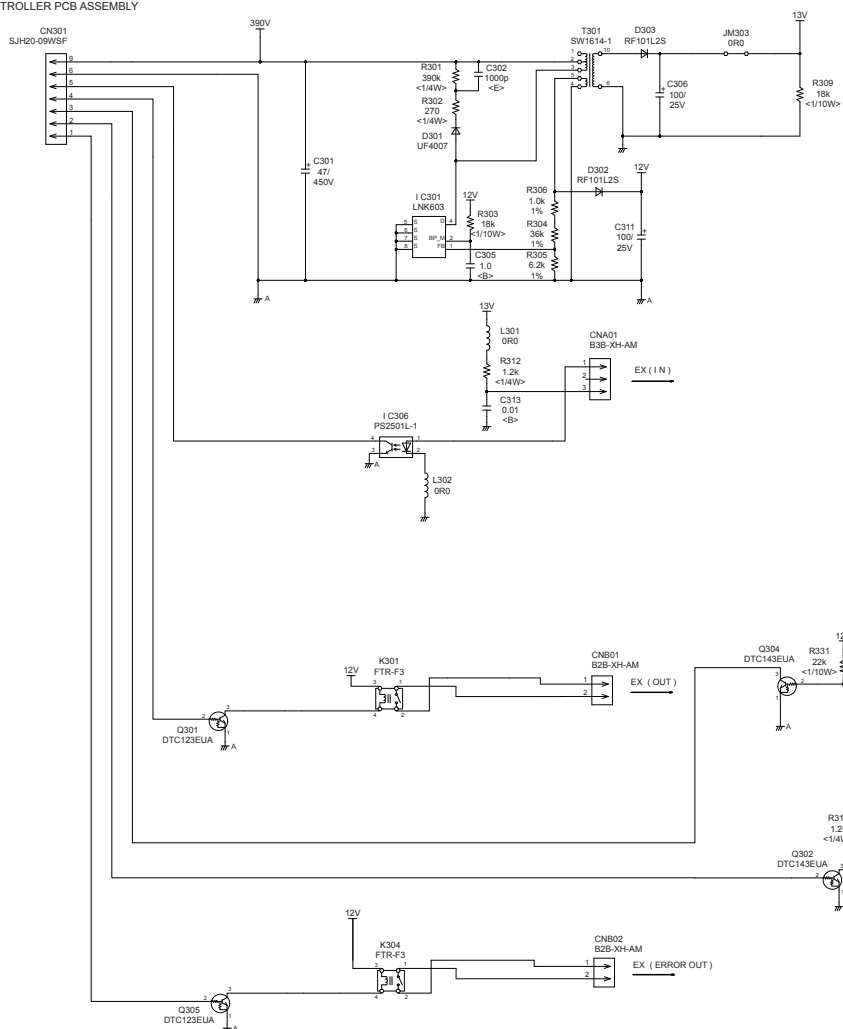
INDOOR UNIT OPTION  
UTY-XCBXZ1  
COMMUNICATION PCB ASSEMBLY  
K08DG-0801HSE-CA0





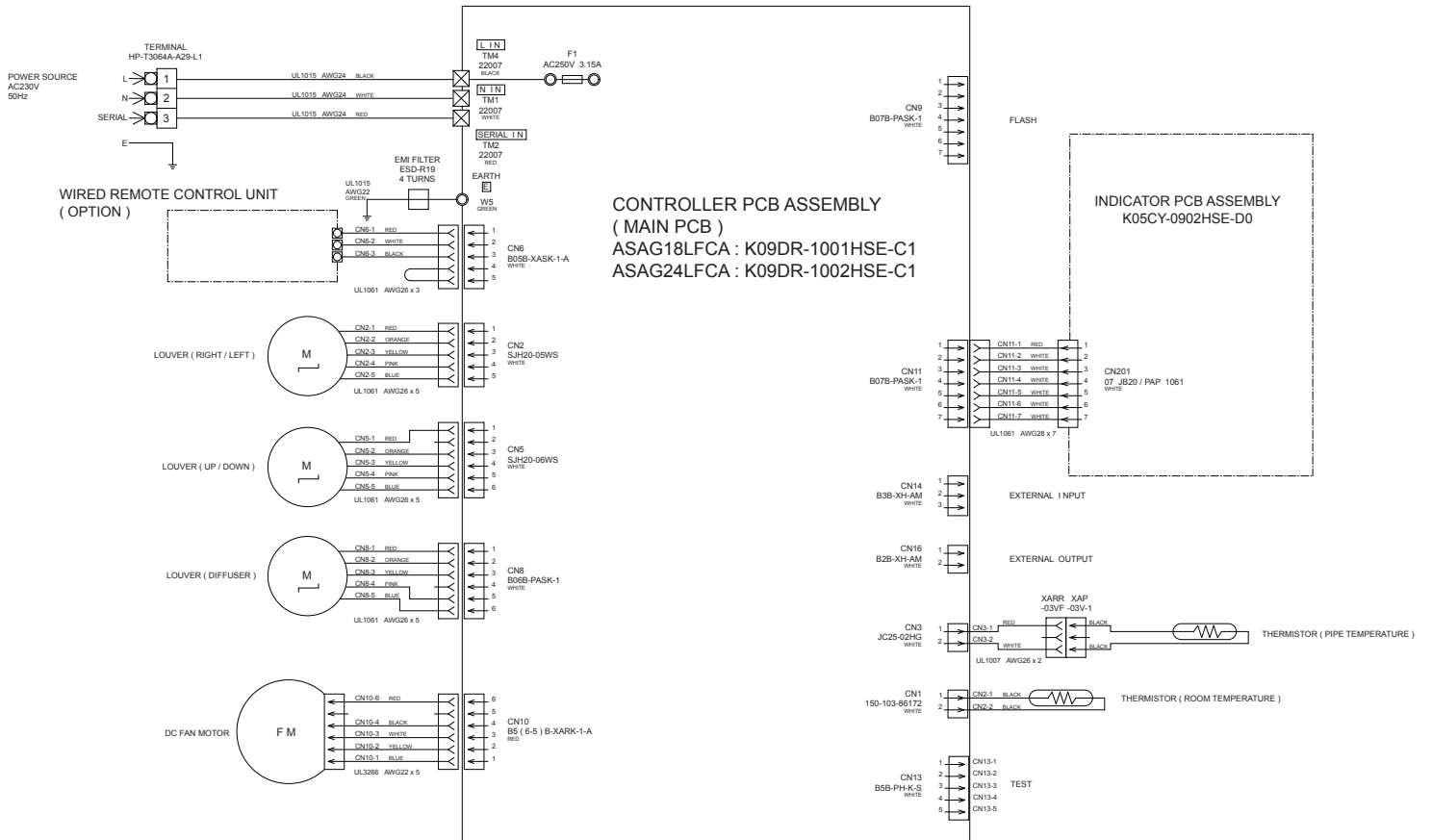
INDOOR UNIT  
 COMPACT WALL MOUNTED  
 ASYG07LUCA  
 ASYG09LUCA  
 ASYG12LUCA  
 INDICATOR PCB ASSEMBLY  
 K10CX-1000HSE-D0





WIRED REMOTE  
CONTROL

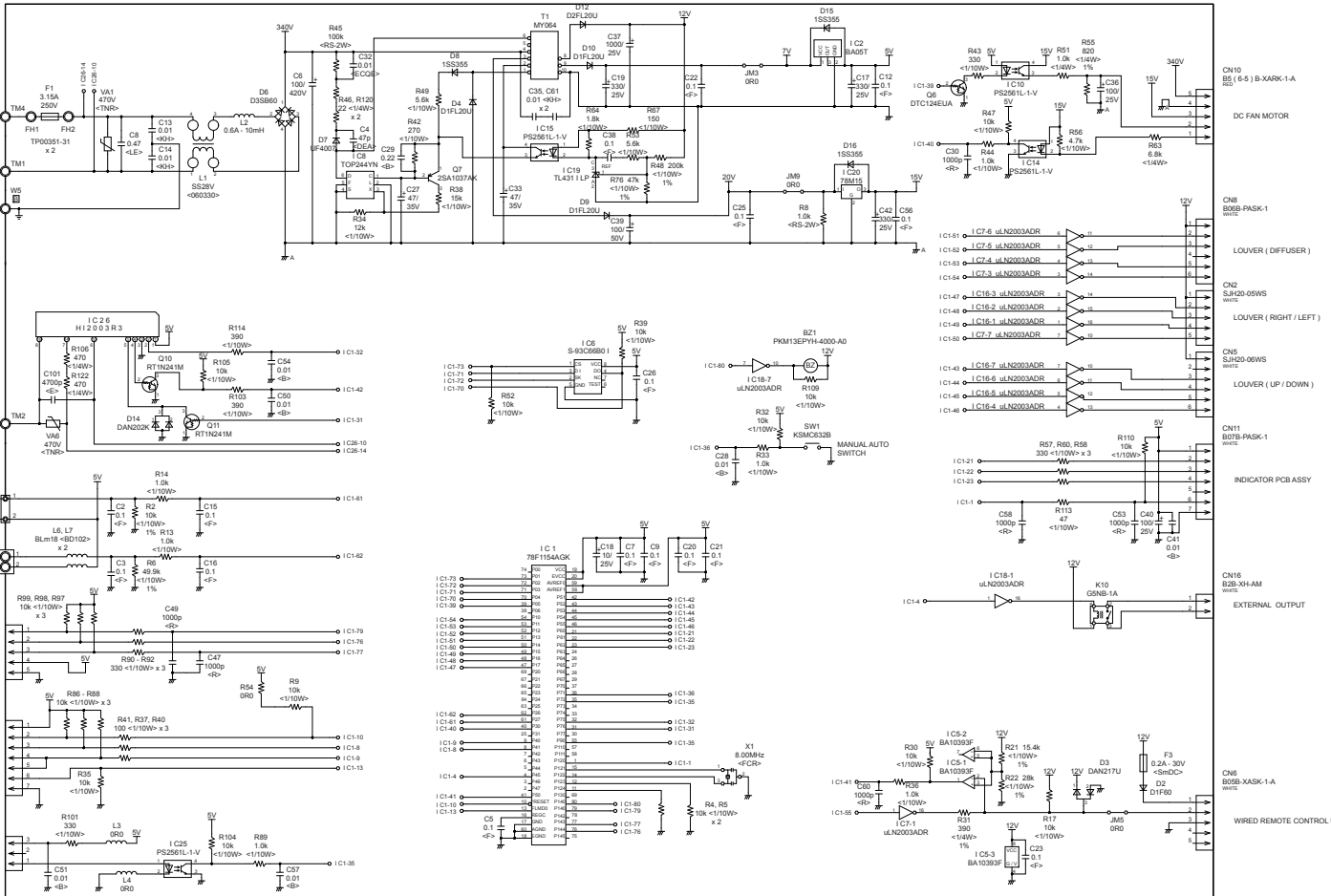
INDOOR UNIT  
WALL MOUNTED  
CONTROL UNIT  
ASAG18LFCA : EZ-010YHSE  
ASAG24LFCA : EZ-01001HSE



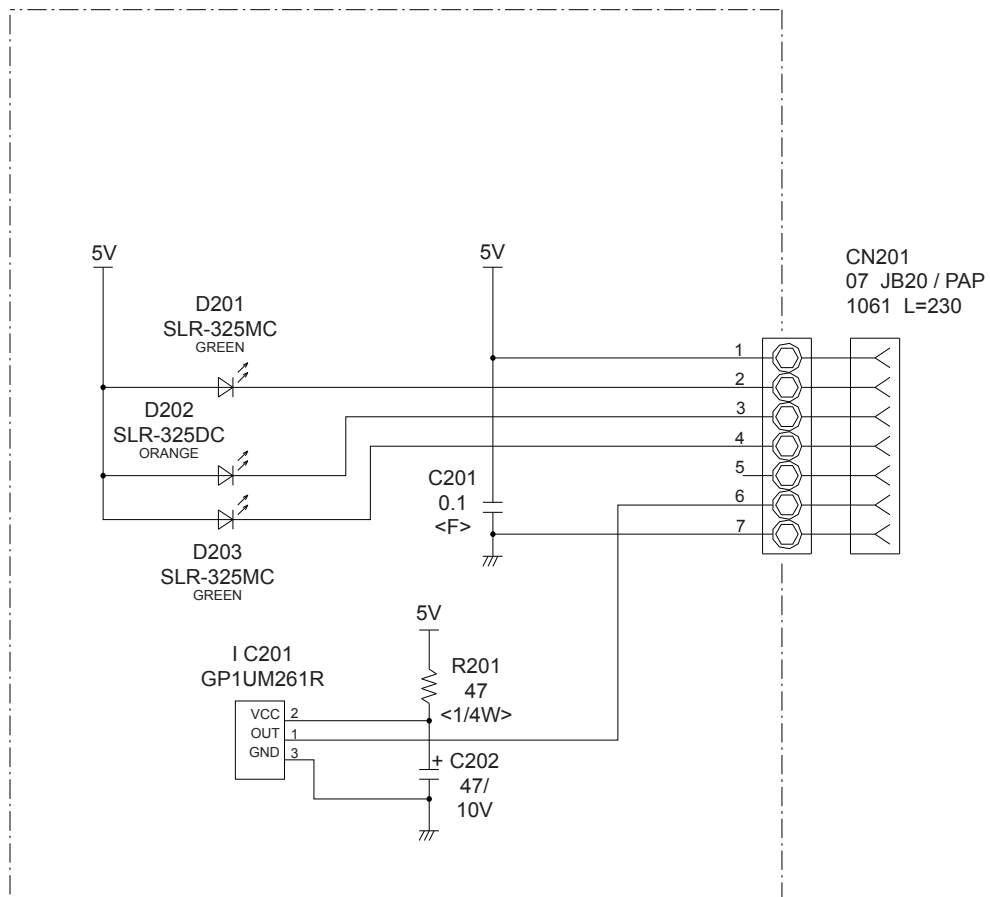
INDOOR UNIT  
WALL MOUNTED  
CONTROLLER PCB ASSEMBLY  
( MAIN PCB )  
ASAG18LFCA : K09DR-1001HSE-C1  
ASAG24LFCA : K09DR-1002HSE-C1

2011.12.01

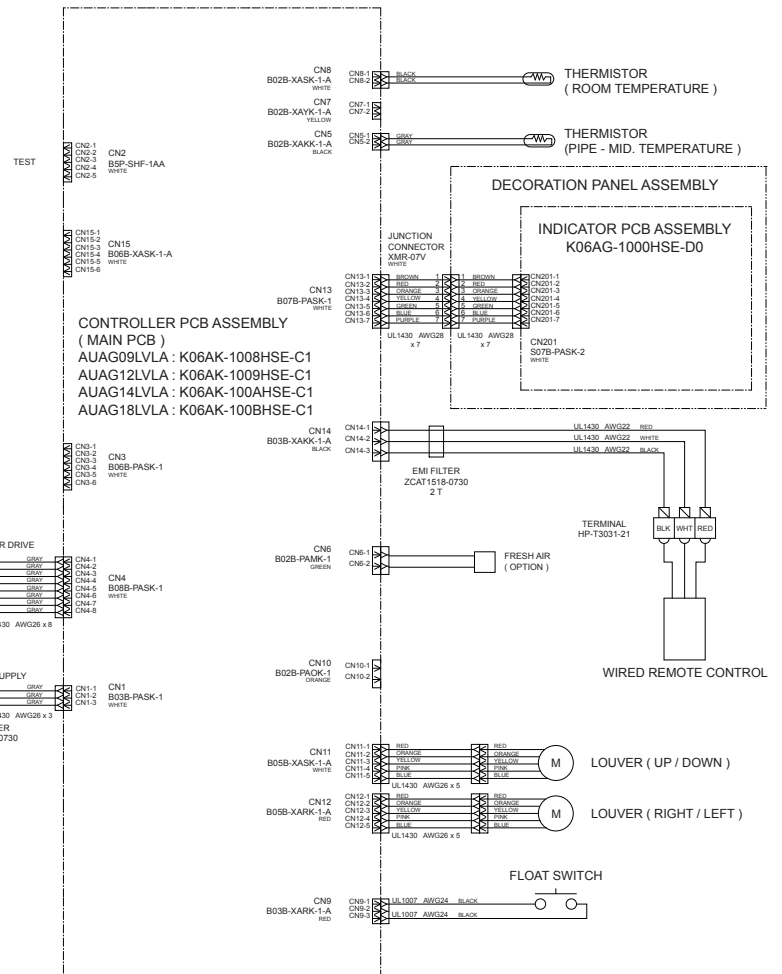
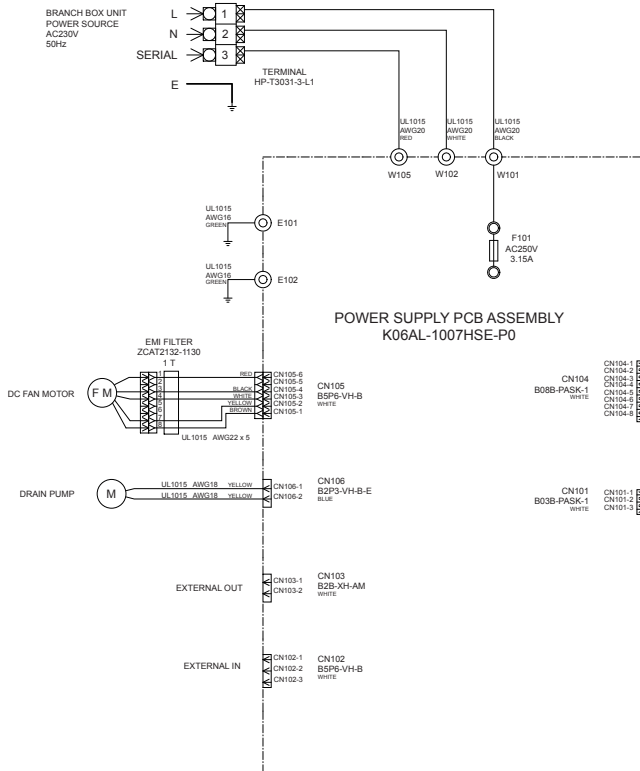
33



INDOOR UNIT  
WALL MOUNTED  
ASAG18LFCA  
ASAG24LFCA  
INDICATOR PCB ASSEMBLY  
K05CY-0902HSE-D0



INDOOR UNIT  
COMPACT CASSETTE  
CONTROL UNIT  
AUAG09LVLA : EZ-01005HSE  
AUAG12LVLA : EZ-01006HSE  
AUAG14LVLA : EZ-01007HSE  
AUAG18LVLA : EZ-01008HSE



## COMPACT CASSETTE SLIM DUCT

AUAG09LVLA : K06AK-1008HSE-C1

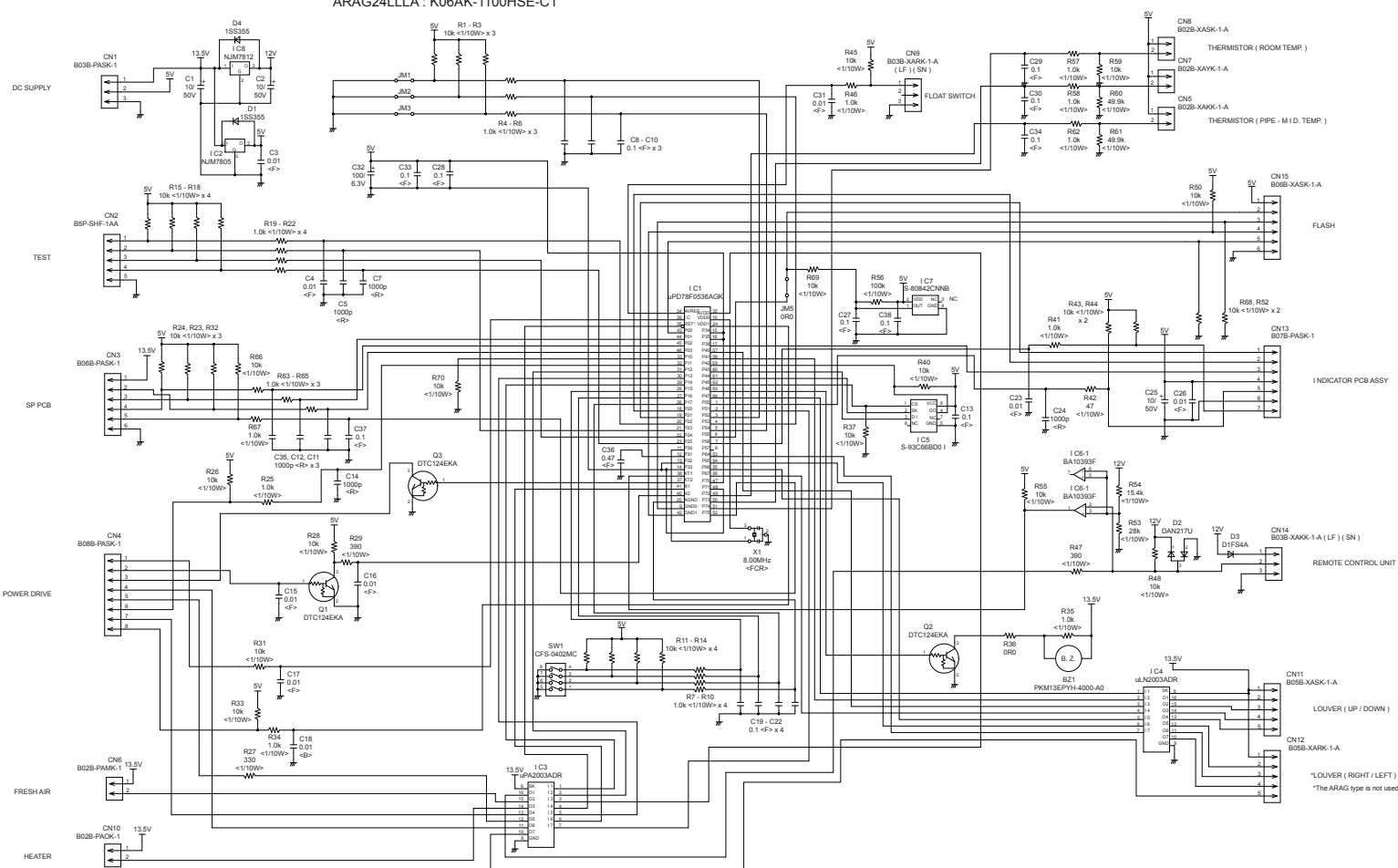
ARAG09LLLA : K06AK-100DHSE-C1

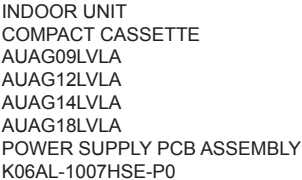
ARAG09LLLA : K06AK-100DHSE-C1

ARAG12LLA : K06AK-100EHSE-C1

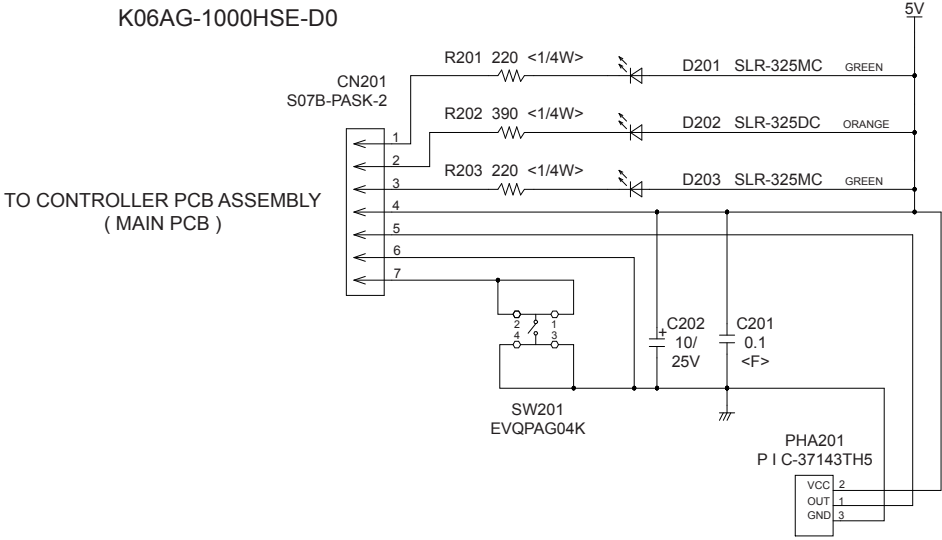
ARAG14LLA : K06AK-100FHSE-C1  
ARAG18LLA : K06AK-100GHSE-C1

ARAG18LLA : K06AK-100GHSE-C1  
ARAG24LLA : K06AK-1100HSE-C1

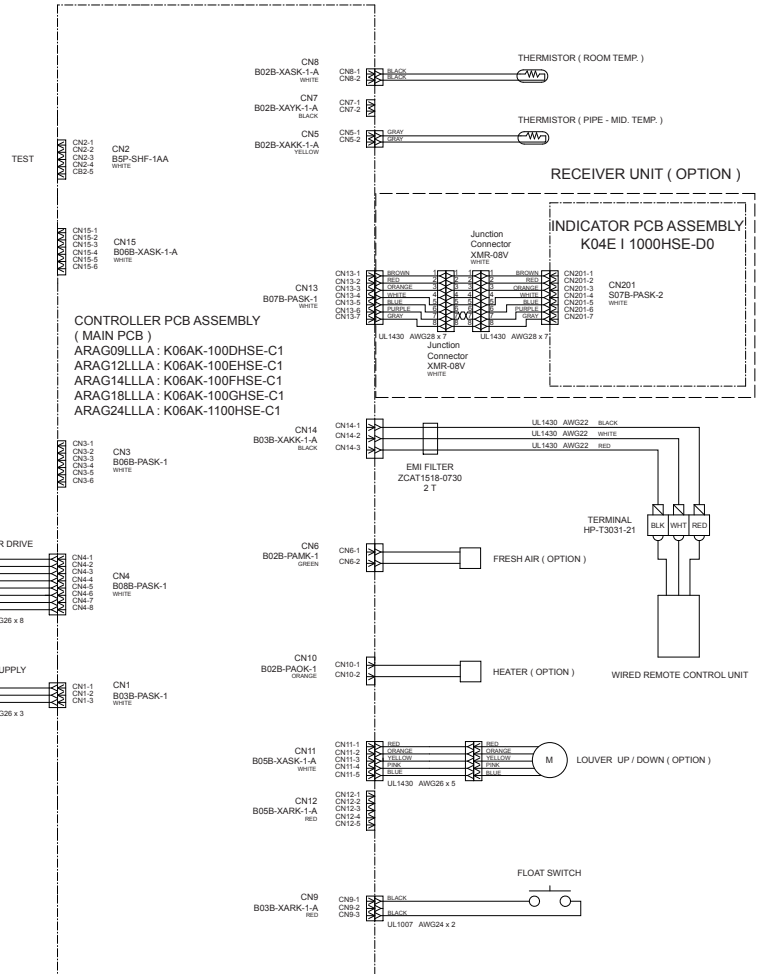
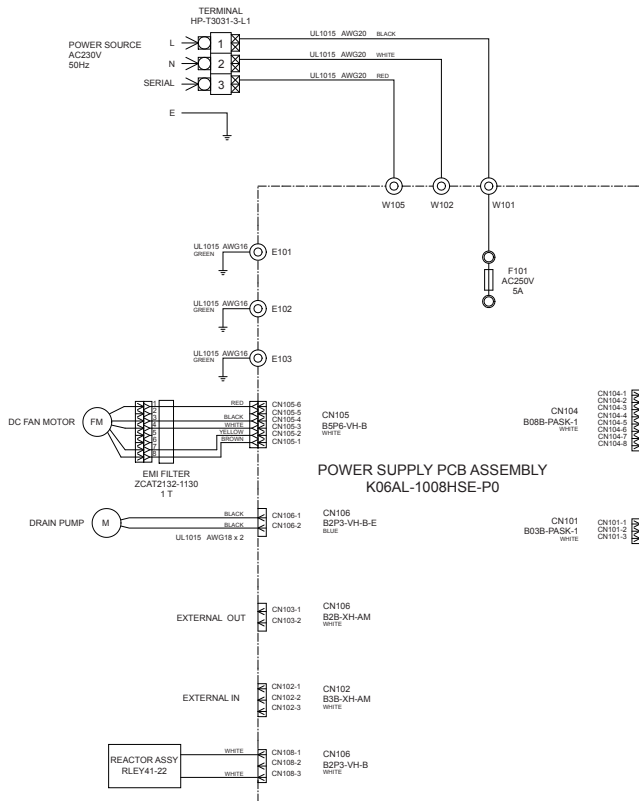




INDOOR UNIT  
COMPACT CASSETTE  
AUAG09LVLA  
AUAG12LVLA  
AUAG14LVLA  
AUAG18LVLA  
INDICATOR PCB ASSEMBLY  
K06AG-1000HSE-D0

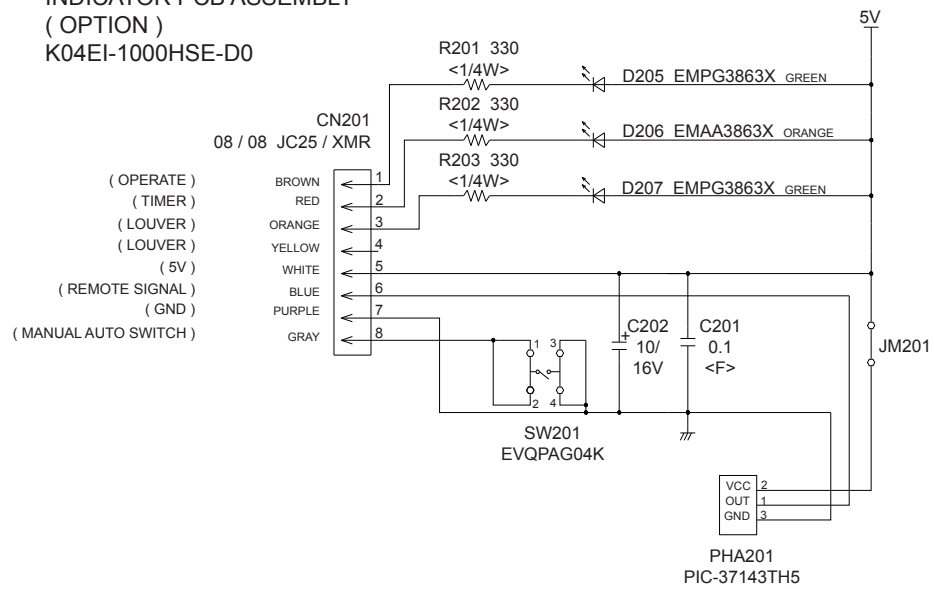


INDOOR UNIT  
SLIM DUCT  
CONTROL UNIT  
ARAG09LLLA : EZ-0110KHSE  
ARAG12LLLA : EZ-0110LHSE  
ARAG14LLLA : EZ-0110MHSE  
ARAG18LLLA : EZ-0110PHSE  
ARAG24LLLA : EZ-01104HSE





INDOOR UNIT  
 SLIM DUCT  
 ARAG09LLLA  
 ARAG12LLLA  
 ARAG14LLLA  
 ARAG18LLLA  
 ARAG24LLLA  
 INDICATOR PCB ASSEMBLY  
 ( OPTION )  
 K04EI-1000HSE-D0



## ERROR DETECTION

● : flashing

— : Off

### OUTDOOR UNIT

|                                                     | LED 1      | LED 2     | LED 3     | LED 4     |
|-----------------------------------------------------|------------|-----------|-----------|-----------|
| Communication error (outdoor unit to indoor unit A) | ● 1 time   | —         | —         | —         |
| Communication error (outdoor unit to indoor unit B) | —          | ● 1 time  | —         | —         |
| Communication error (outdoor unit to indoor unit C) | —          | —         | ● 1 time  | —         |
| Communication error (outdoor unit to indoor unit D) | —          | —         | —         | ● 1 time  |
| Discharge pipe thermistor                           | ● 2 times  | —         | —         | —         |
| Outdoor unit, heat exchanger thermistor (middle)    | ● 3 times  | —         | —         | —         |
| Outdoor thermistor error                            | ● 4 times  | —         | —         | —         |
| 2-way valve thermistor (indoor unit A)              | ● 5 times  | —         | —         | —         |
| 2-way valve thermistor (indoor unit B)              | —          | ● 5 times | —         | —         |
| 2-way valve thermistor (indoor unit C)              | —          | —         | ● 5 times | —         |
| 2-way valve thermistor (indoor unit D)              | —          | —         | —         | ● 5 times |
| 3-way valve thermistor (indoor unit A)              | ● 6 times  | —         | —         | —         |
| 3-way valve thermistor (indoor unit B)              | —          | ● 6 times | —         | —         |
| 3-way valve thermistor (indoor unit C)              | —          | —         | ● 6 times | —         |
| 3-way valve thermistor (indoor unit D)              | —          | —         | —         | ● 6 times |
| Compressor thermistor error                         | ● 7 times  | —         | —         | —         |
| Heatsink thermistor error                           | ● 8 times  | —         | —         | —         |
| High pressure switch 1 error                        | ● 9 times  | —         | —         | —         |
| High pressure switch 2 error                        | ● 10 times | —         | —         | —         |
| Indoor unit capacity error                          | ● 11 times | —         | —         | —         |
| Trip detection                                      | ● 12 times | —         | —         | —         |
| Compressor roter position detetion error            | ● 13 times | —         | —         | —         |
| Trip terminal L error                               | ● 14 times | —         | —         | —         |
| Outdoor unit fan motor error                        | ● 15 times | —         | —         | —         |
| Outdoor unit PCB microcomputer communication error  | ● 17 times | —         | —         | —         |
| Discharge temperature error                         | ● 18 times | —         | —         | —         |
| Compressor temperature error                        | ● 19 times | —         | —         | —         |
| 4-way valve error                                   | ● 20 times | —         | —         | —         |
| Outdoor unit PCB model information error            | ● 21 times | —         | —         | —         |
| Active filter error, PFC circuit error              | ● 22 times | —         | —         | —         |

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

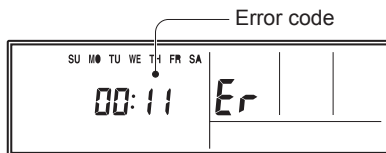
## INDOOR UNIT and WIRED REMOTE CONTROL

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.

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.)

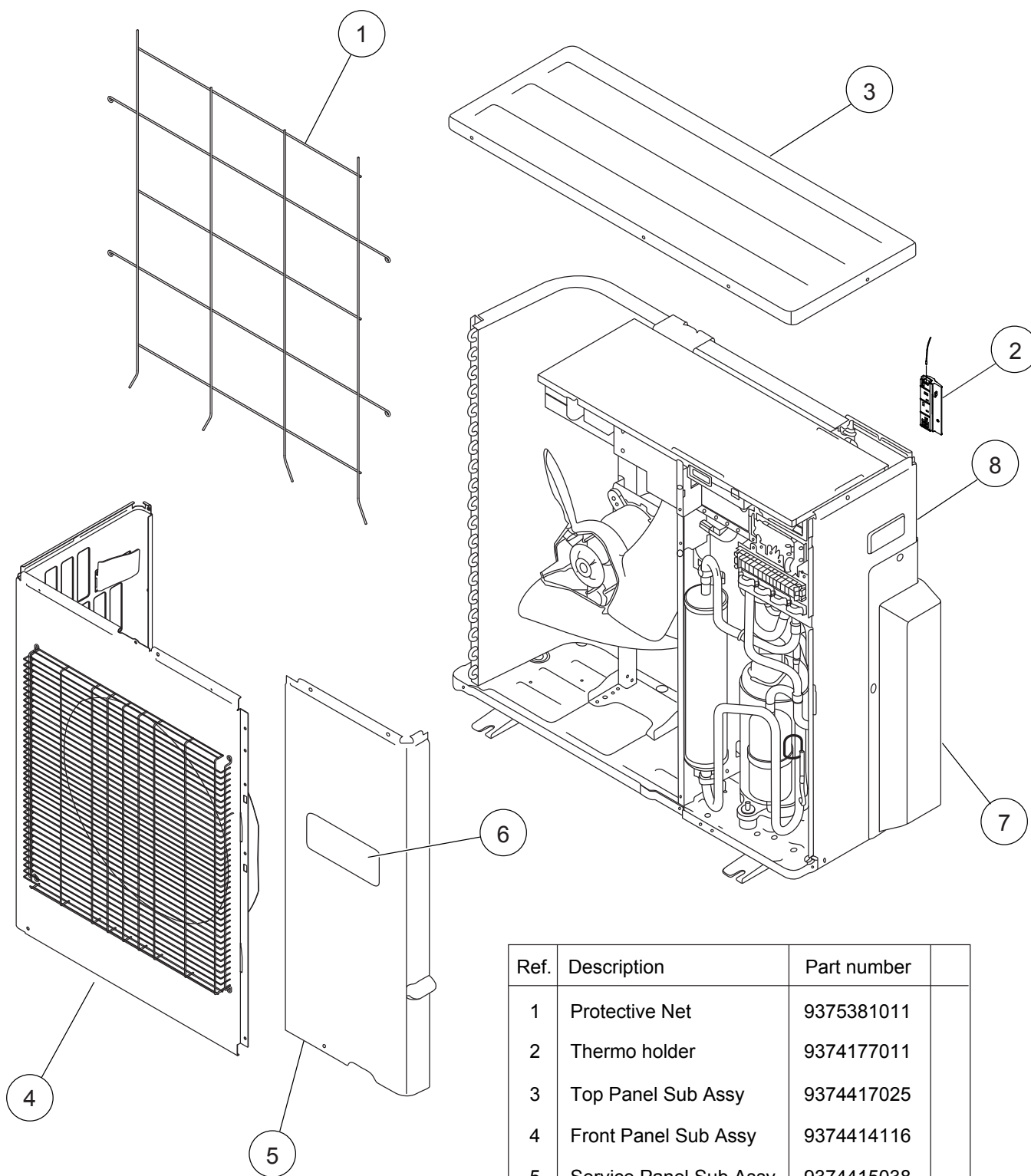


EX. Self-diagnosis

| Indoor unit            |                     |                      | 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)                  | ● (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 L error                                                                                                                                   |
| ● (6)                  | ● (10)              | ◇                    | 6A                   | Display PCB microcomputers communication error                                                                                                          |
| ● (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)                  | ● (9)               | ◇                    | 99                   | 4-way 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)               | ◇                    | J2                   | Branch boxes error [Flexible Multi]                                                                                                                     |

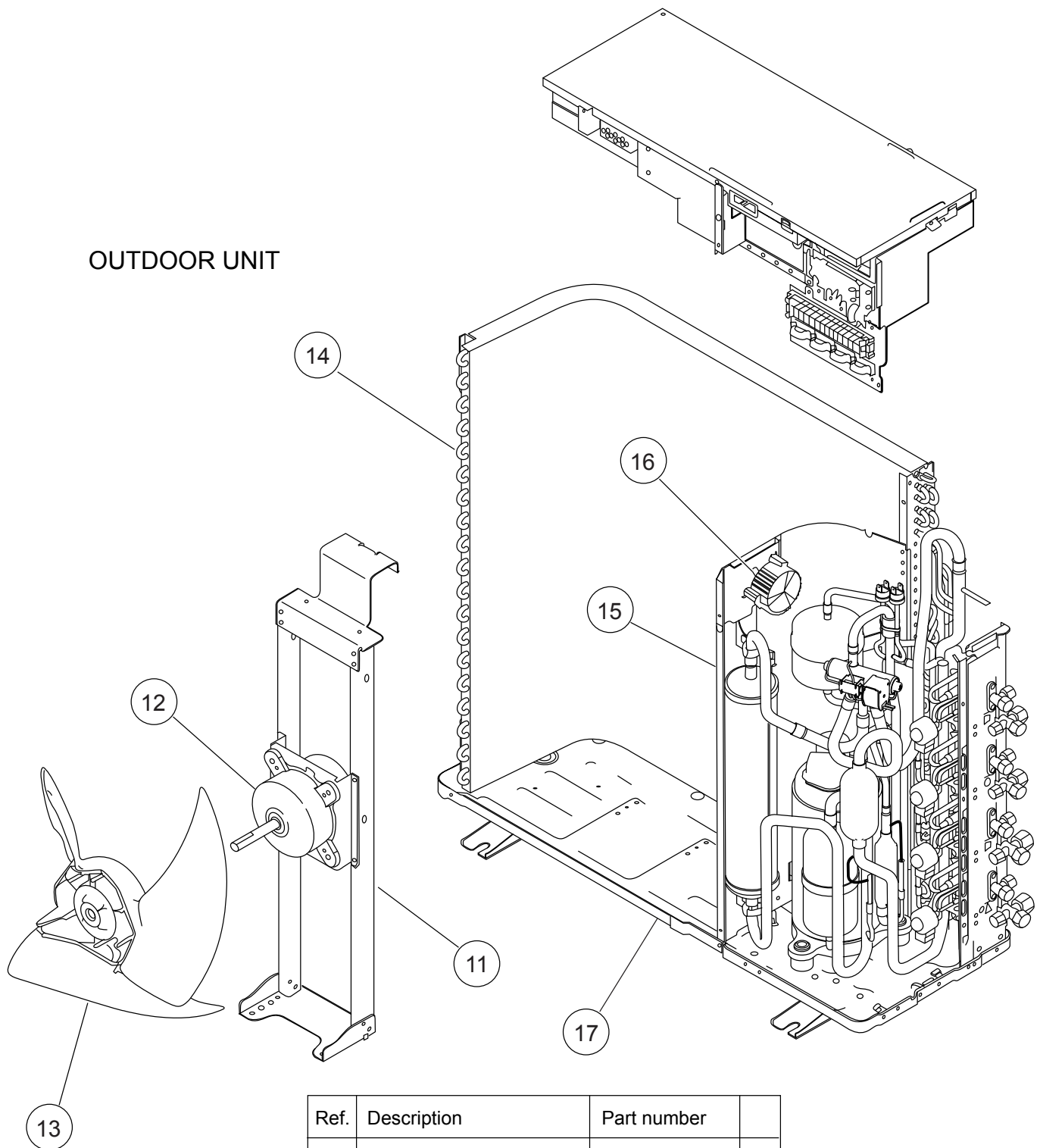
# PARTS

## OUTDOOR UNIT



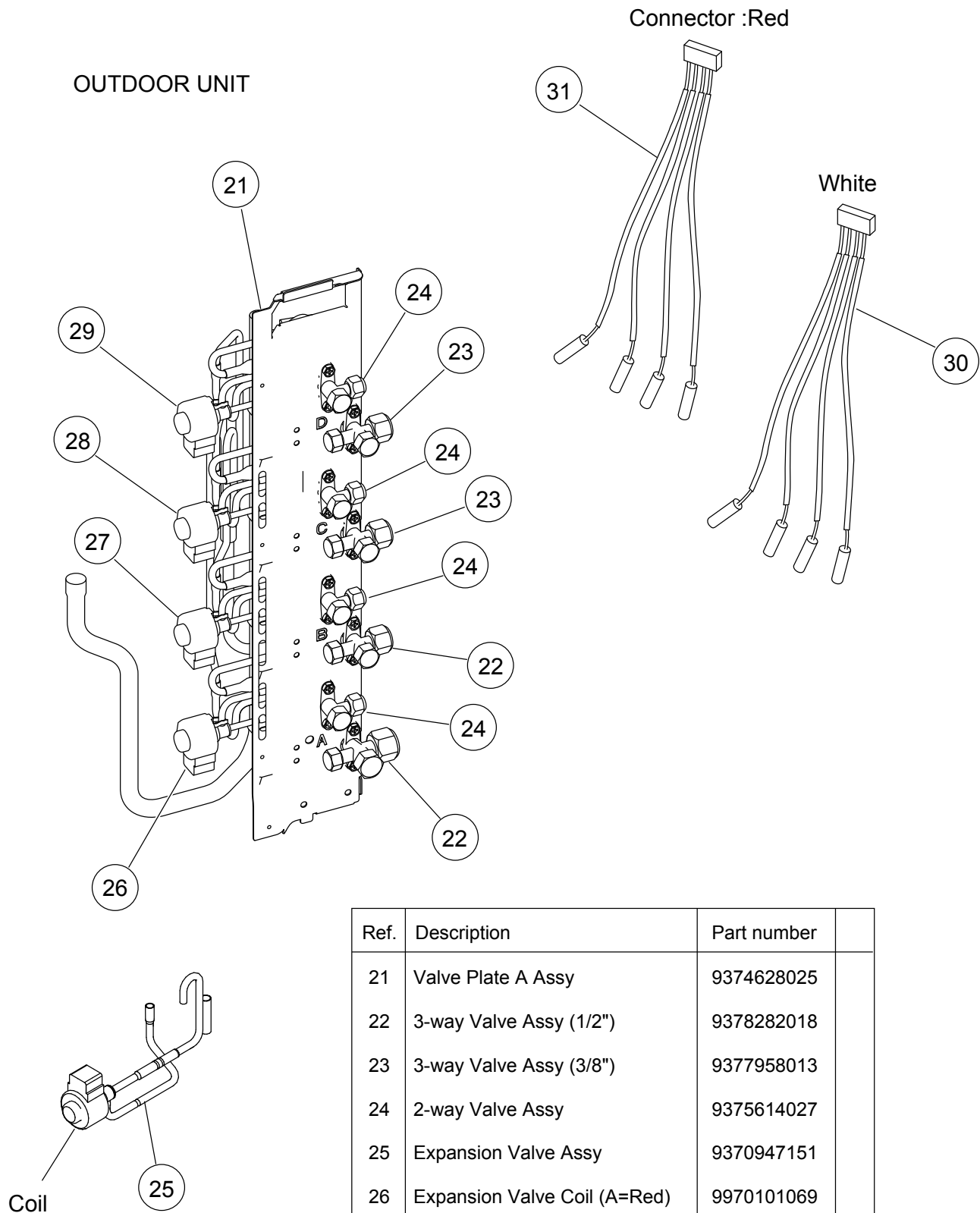
| Ref. | Description            | Part number |
|------|------------------------|-------------|
| 1    | Protective Net         | 9375381011  |
| 2    | Thermo holder          | 9374177011  |
| 3    | Top Panel Sub Assy     | 9374417025  |
| 4    | Front Panel Sub Assy   | 9374414116  |
| 5    | Service Panel Sub Assy | 9374415038  |
| 6    | Emblem Rear            | 9351355005  |
| 7    | Valve Cover Sub Assy   | 9374827015  |
| 8    | Right Panel Sub Assy   | 9374416059  |

## OUTDOOR UNIT

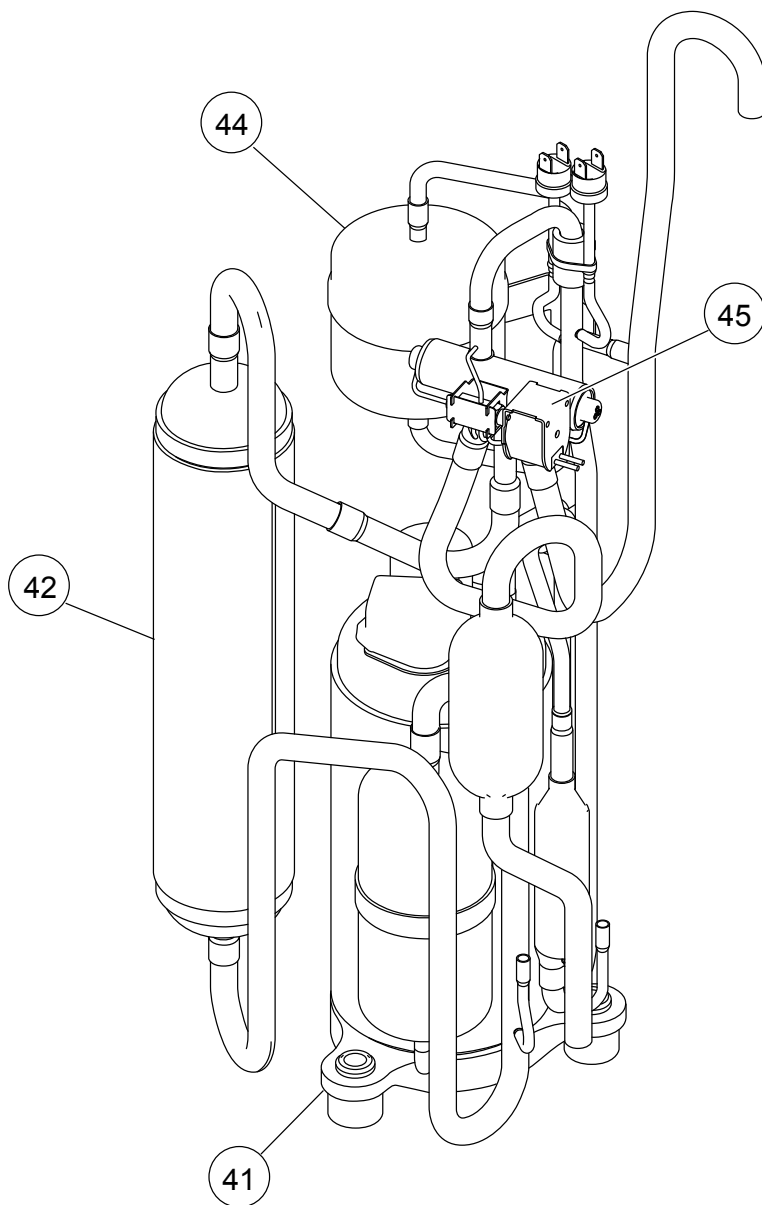


| Ref. | Description            | Part number  |  |
|------|------------------------|--------------|--|
| 11   | Motor Bracket Sub Assy | 9374418053   |  |
| 12   | Fan Motor              | 9602843015   |  |
| 13   | Propeller Fan Assy     | 9366378020   |  |
| 14   | Condenser A Sub Assy   | 9374420087   |  |
| 15   | Separate Wall Sub Assy | 9374413065   |  |
| 16   | Choke Coil             | 9703458019   |  |
| 17   | Base Assy              | 9374166084   |  |
| --   | Drain Assy             | 9303029015   |  |
| --   | Drain Cap              | 313166024302 |  |

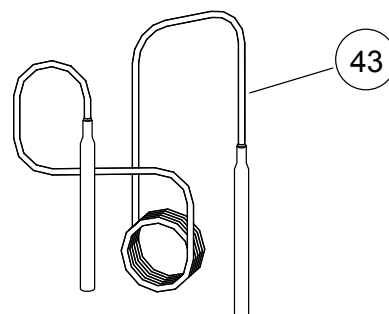
## OUTDOOR UNIT



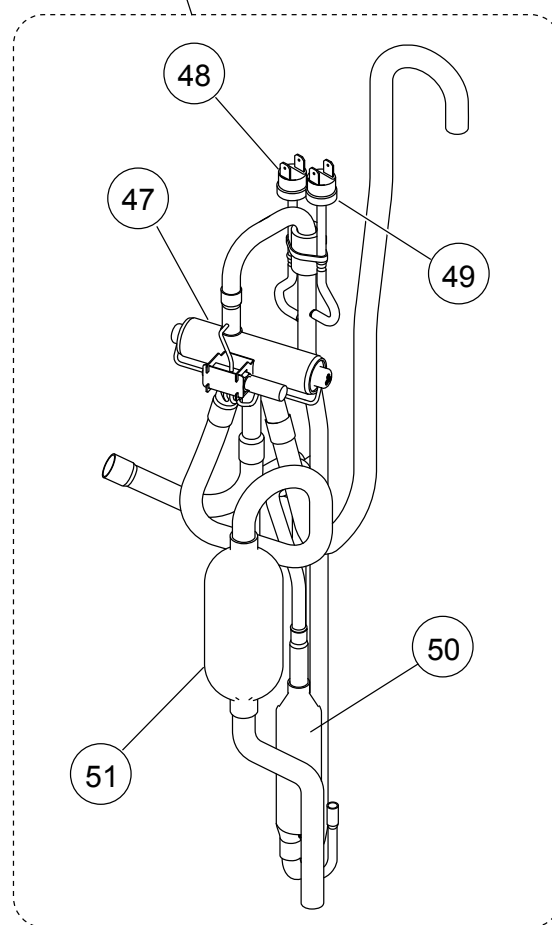
| Ref. | Description                    | Part number |  |
|------|--------------------------------|-------------|--|
| 21   | Valve Plate A Assy             | 9374628025  |  |
| 22   | 3-way Valve Assy (1/2")        | 9378282018  |  |
| 23   | 3-way Valve Assy (3/8")        | 9377958013  |  |
| 24   | 2-way Valve Assy               | 9375614027  |  |
| 25   | Expansion Valve Assy           | 9370947151  |  |
| 26   | Expansion Valve Coil (A=Red)   | 9970101069  |  |
| 27   | Expansion Valve Coil (B=White) | 9970101038  |  |
| 28   | Expansion Valve Coil (C=Green) | 9970101045  |  |
| 29   | Expansion Valve Coil (D=Blue)  | 9970101052  |  |
| 30   | Pipe Thermistor (White)        | 9900543020  |  |
| 31   | Pipe Thermistor (Red)          | 9900543013  |  |



## OUTDOOR UNIT

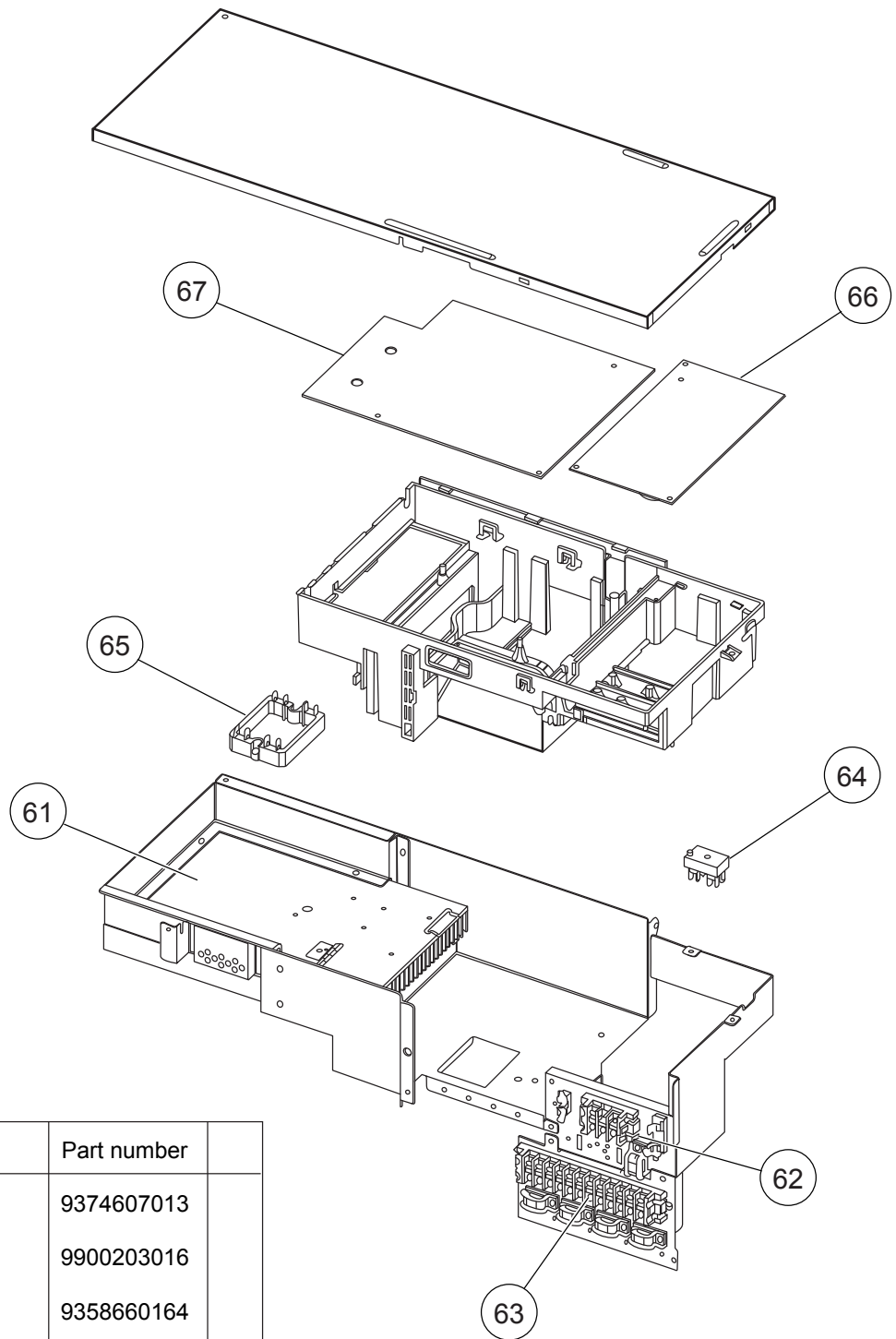


46

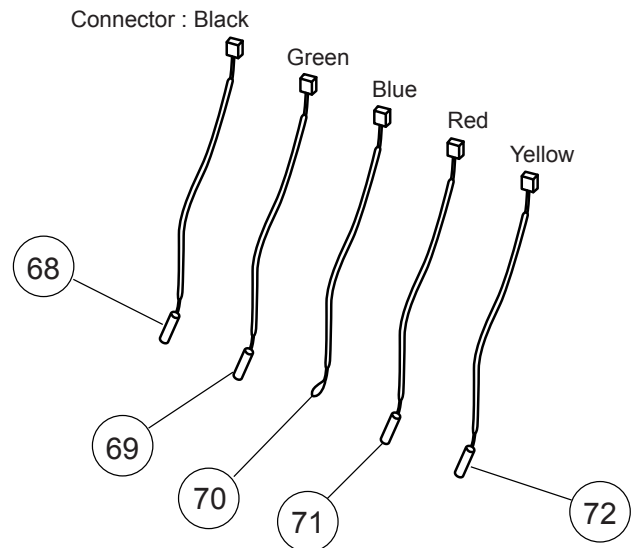


| Ref. | Description               | Part number |
|------|---------------------------|-------------|
| 41   | Compressor Assy           | 9377946010  |
| 42   | Accumulator Sub Assy      | 9374426072  |
| 43   | Capillary Assy            | 9372197370  |
| 44   | Receiver Tank Sub Assy    | 9373426028  |
| 45   | Solenoid                  | 9900165055  |
| 46   | 4-way Valve Sub Assy      | 9374425204  |
| 47   | 4-way Valve               | 9900164010  |
| 48   | Pressure Switch           | 9900186012  |
| 49   | Pressure Switch           | 9900341015  |
| 50   | Discharge Pipe Assy       | 9372264225  |
| 51   | Joint Pipe (Valve) E Assy | 9379802000  |

OUTDOOR UNIT

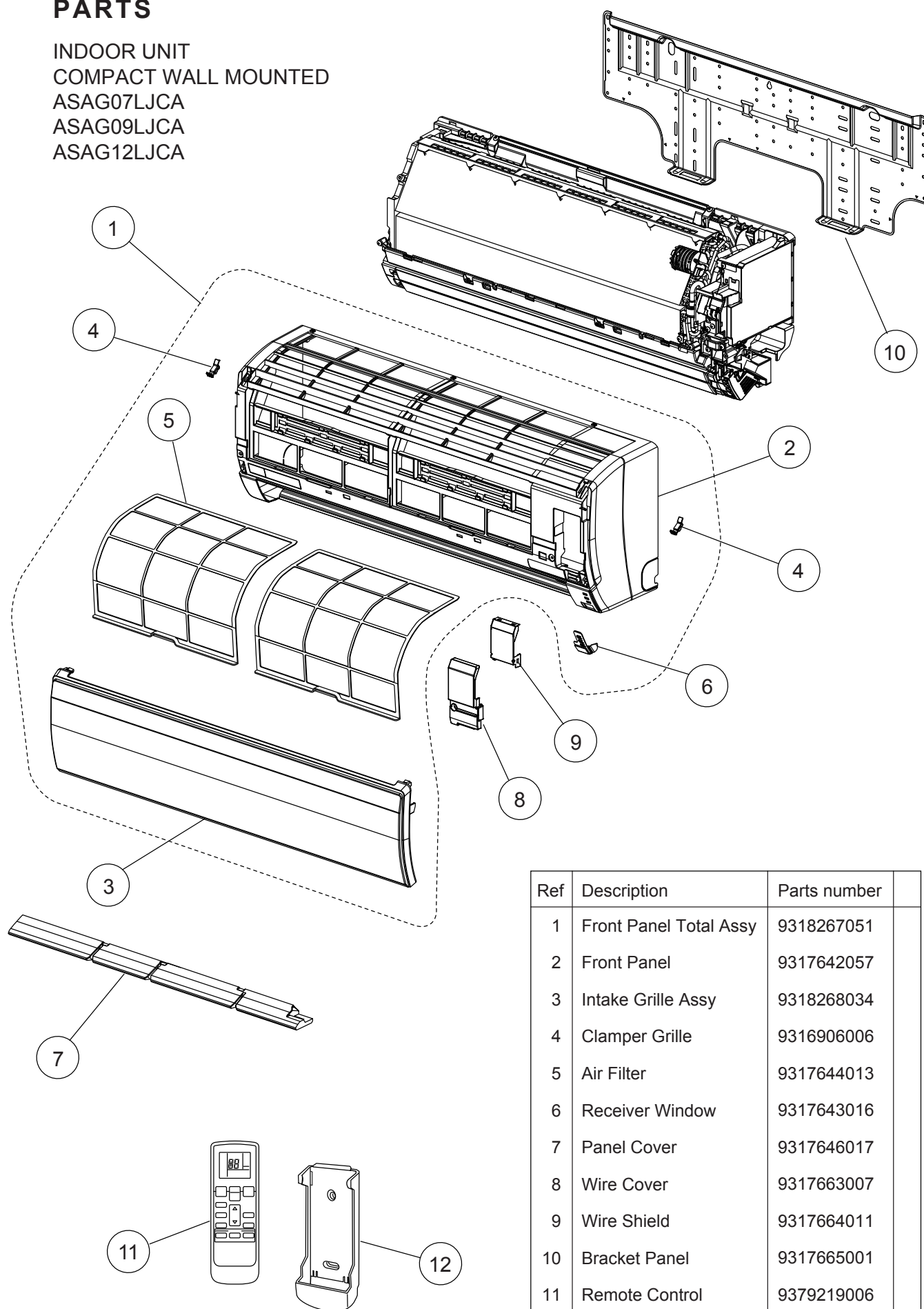


| Ref. | Description                 | Part number |
|------|-----------------------------|-------------|
| 61   | Heat Sink A                 | 9374607013  |
| 62   | Terminal (3P)               | 9900203016  |
| 63   | Terminal (12P)              | 9358660164  |
| 64   | Terminal                    | 9900433017  |
| 65   | ACTPM                       | 9703457012  |
| 66   | Power Supply PCB Assy       | 9705647039  |
| 67   | Controller PCB Assy         | 9709091197  |
| 68   | Heat Sink Thermistor        | 9900311018  |
| 69   | Discharge Thermistor (Comp) | 9900620004  |
| 70   | Thermistor (Outdoor)        | 9900477035  |
| 71   | Heat Exchanger Thermistor   | 9900540005  |
| 72   | Discharge Pipe Thermistor   | 9900621001  |



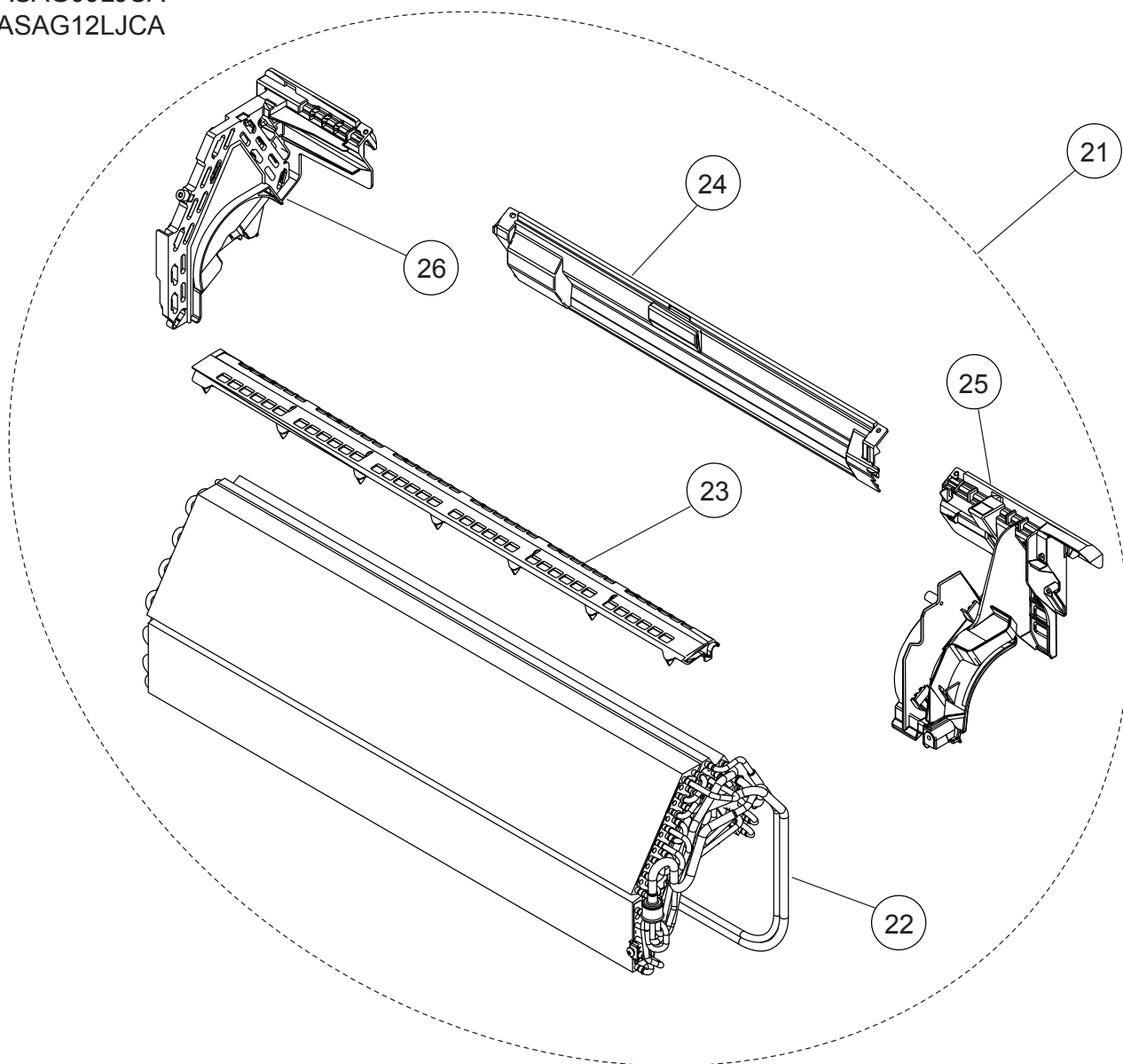
# PARTS

INDOOR UNIT  
COMPACT WALL MOUNTED  
ASAG07LJCA  
ASAG09LJCA  
ASAG12LJCA

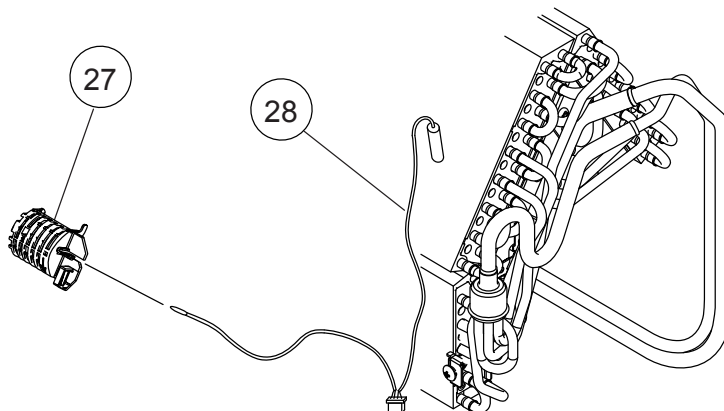


| Ref | Description            | Parts number |
|-----|------------------------|--------------|
| 1   | Front Panel Total Assy | 9318267051   |
| 2   | Front Panel            | 9317642057   |
| 3   | Intake Grille Assy     | 9318268034   |
| 4   | Clamper Grille         | 9316906006   |
| 5   | Air Filter             | 9317644013   |
| 6   | Receiver Window        | 9317643016   |
| 7   | Panel Cover            | 9317646017   |
| 8   | Wire Cover             | 9317663007   |
| 9   | Wire Shield            | 9317664011   |
| 10  | Bracket Panel          | 9317665001   |
| 11  | Remote Control         | 9379219006   |
| 12  | Remote Control Holder  | 9305642045   |

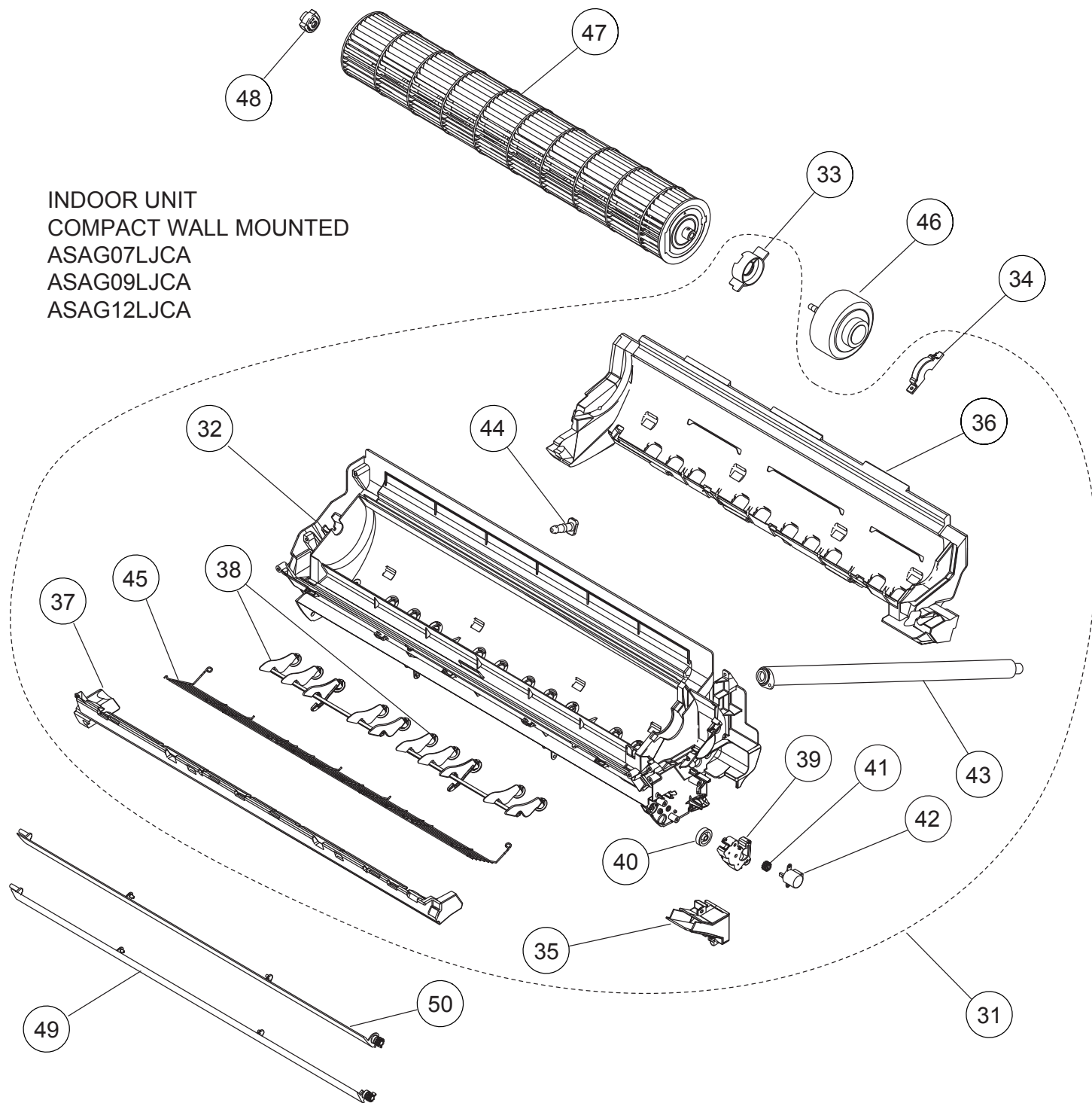
INDOOR UNIT  
 COMPACT WALL MOUNTED  
 ASAG07LJCA  
 ASAG09LJCA  
 ASAG12LJCA



| Ref | Description              | Parts number |  |
|-----|--------------------------|--------------|--|
| 21  | Evaporator Total Assy    | 9317820011   |  |
| 22  | Joint Pipe Assy          | 9317838009   |  |
| 23  | Filter Guide             | 9317652001   |  |
| 24  | Rear Bracket             | 9317651004   |  |
| 25  | Evaporator Holder R      | 9317650007   |  |
| 26  | Evaporator Holder L      | 9317649001   |  |
| 27  | Holder (Room Thermistor) | 9316895003   |  |
| 28  | Thermistor Assy          | 9900563004   |  |

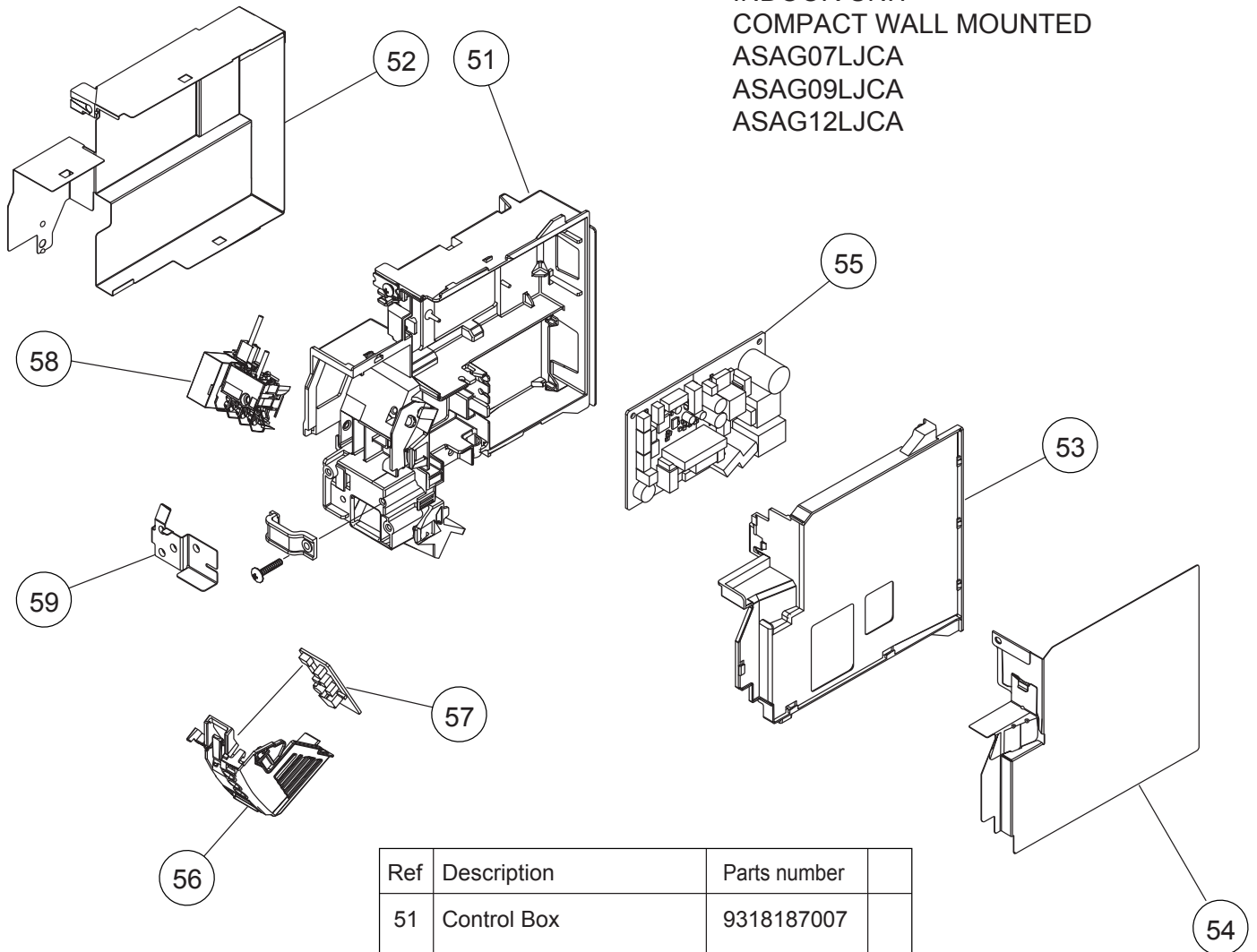


INDOOR UNIT  
COMPACT WALL MOUNTED  
ASAG07LJCA  
ASAG09LJCA  
ASAG12LJCA



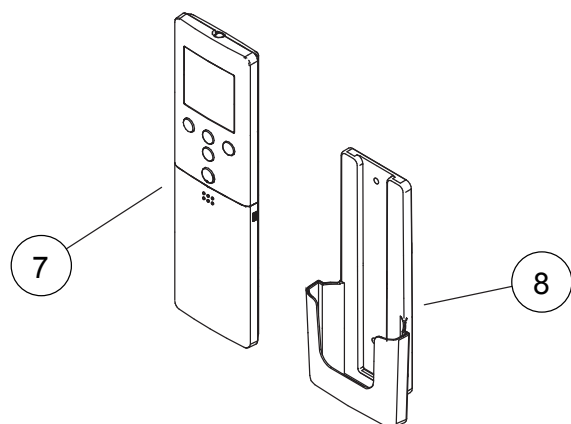
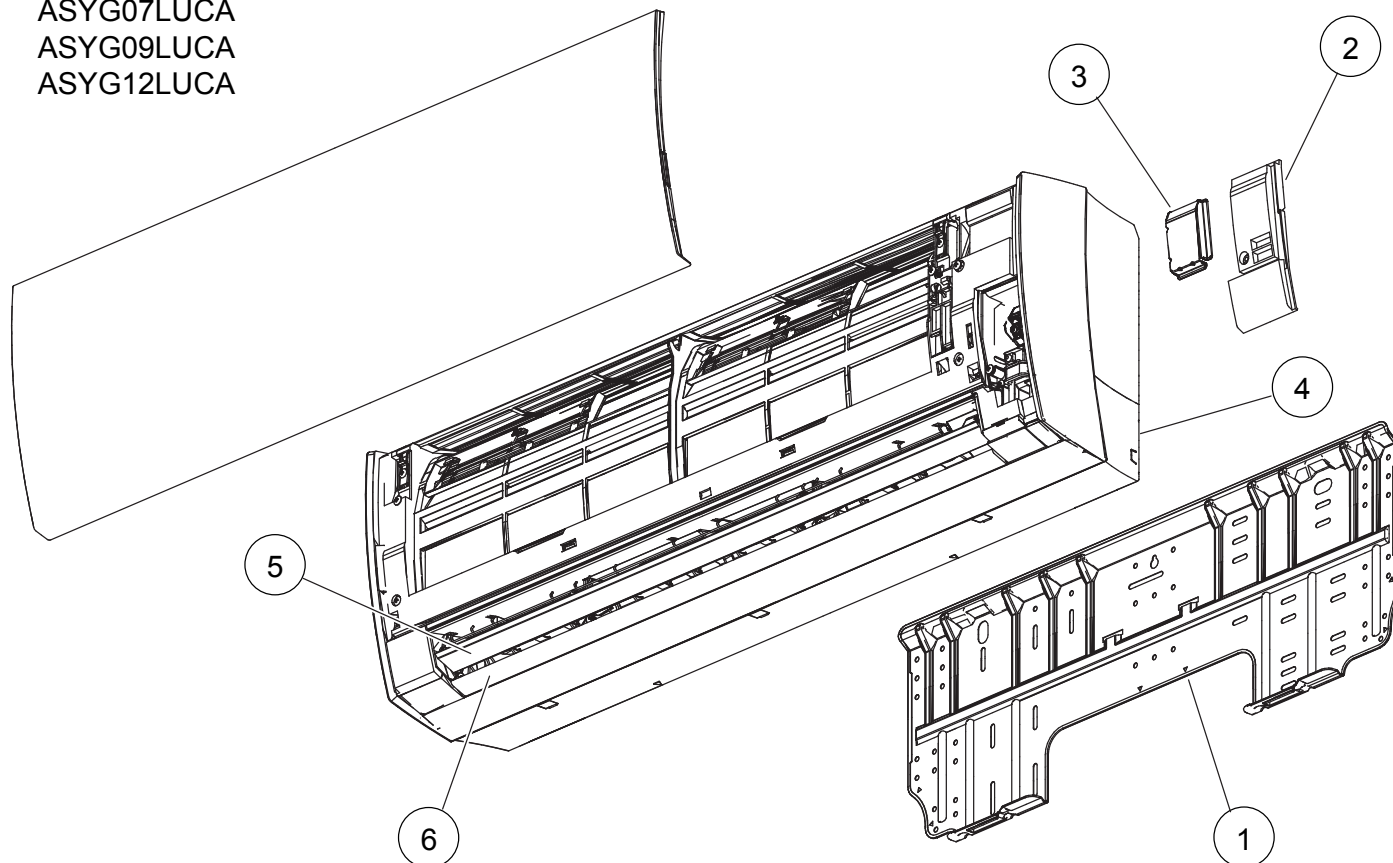
| Ref | Description        | Parts number | Ref | Description         | Parts number |
|-----|--------------------|--------------|-----|---------------------|--------------|
| 31  | Casing Assy        | 9318264050   | 41  | Gear A              | 9309994003   |
| 32  | Casing             | 9317647014   | 42  | Motor Step          | 9900384128   |
| 33  | Motor Cover        | 9316568006   | 43  | Drain Hose Assy     | 9316904002   |
| 34  | Motor Cover        | 9316601000   | 44  | Drain Cap           | 9316177017   |
| 35  | Cable Guide        | 9316567009   | 45  | Fan Guard           | 9332277005   |
| 36  | Casing Cover B     | 9317653015   | 46  | Motor, DC Brushless | 9602704002   |
| 37  | Casing Cover F     | 9317654005   | 47  | Crossflow Fan Assy  | 9316830004   |
| 38  | R AND L Louver B   | 9316961012   | 48  | Bearing C Assy      | 9306628017   |
| 39  | Louver Gear Holder | 9317669016   | 49  | Louver U            | 9317656016   |
| 40  | Louver Gear        | 9317648004   | 50  | Louver Z            | 9317657006   |

INDOOR UNIT  
COMPACT WALL MOUNTED  
ASAG07LJCA  
ASAG09LJCA  
ASAG12LJCA



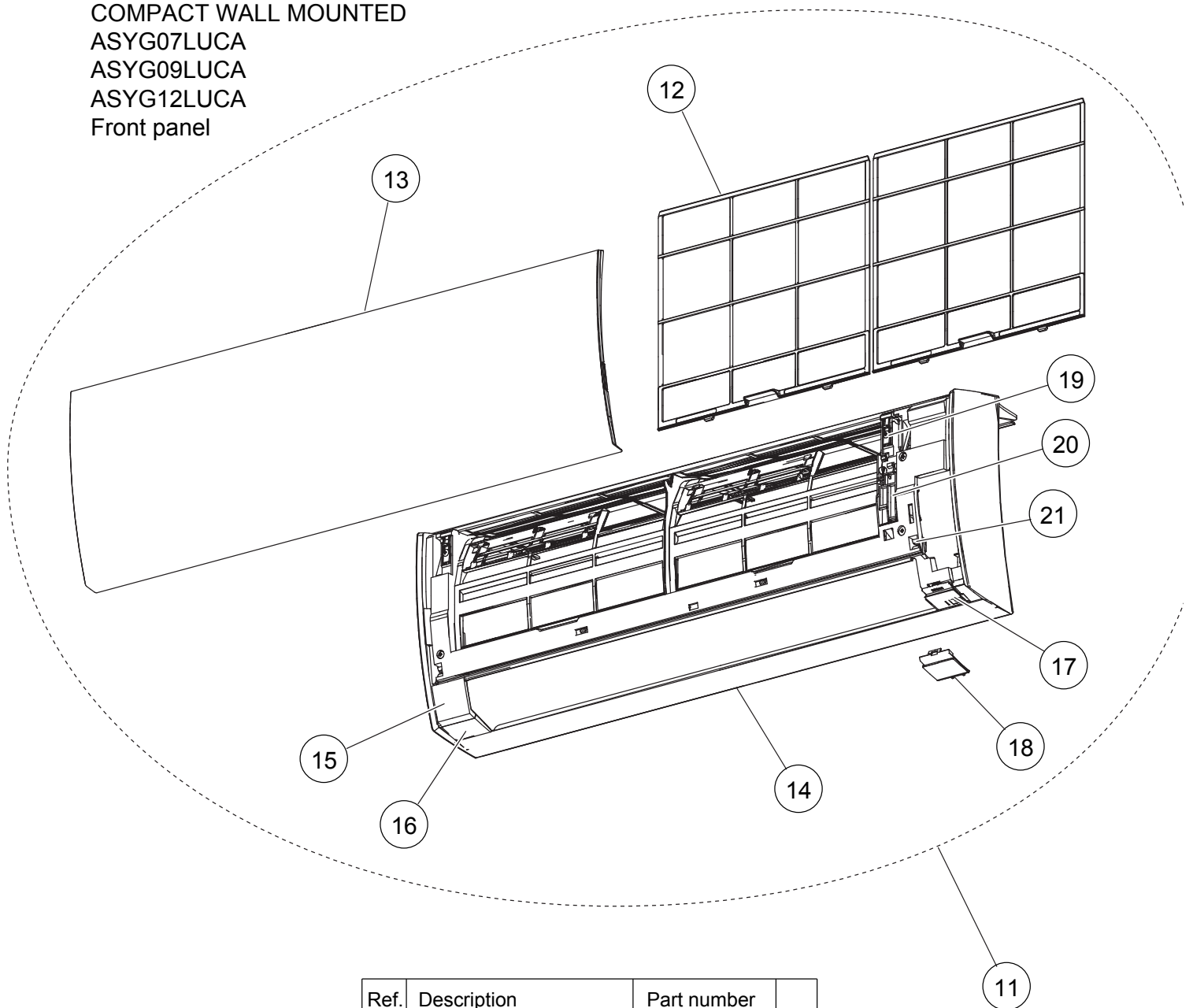
| Ref | Description              | Parts number |  |
|-----|--------------------------|--------------|--|
| 51  | Control Box              | 9318187007   |  |
| 52  | Box Shield               | 9317575010   |  |
| 53  | Control Cover            | 9317659017   |  |
| 54  | Cover Shield             | 9317923002   |  |
| 55  | Controller PCB Assy (07) | 9708536224   |  |
| 55  | Controller PCB Assy (09) | 9708536231   |  |
| 55  | Controller PCB Assy (12) | 9708536248   |  |
| 56  | Display Case             | 9317662000   |  |
| 57  | Display PCB Assy         | 9707649024   |  |
| 58  | Terminal                 | 9900638009   |  |
| 59  | Earth Terminal           | 9316586000   |  |

INDOOR UNIT  
 COMPACT WALL MOUNTED  
 ASYG07LUCA  
 ASYG09LUCA  
 ASYG12LUCA



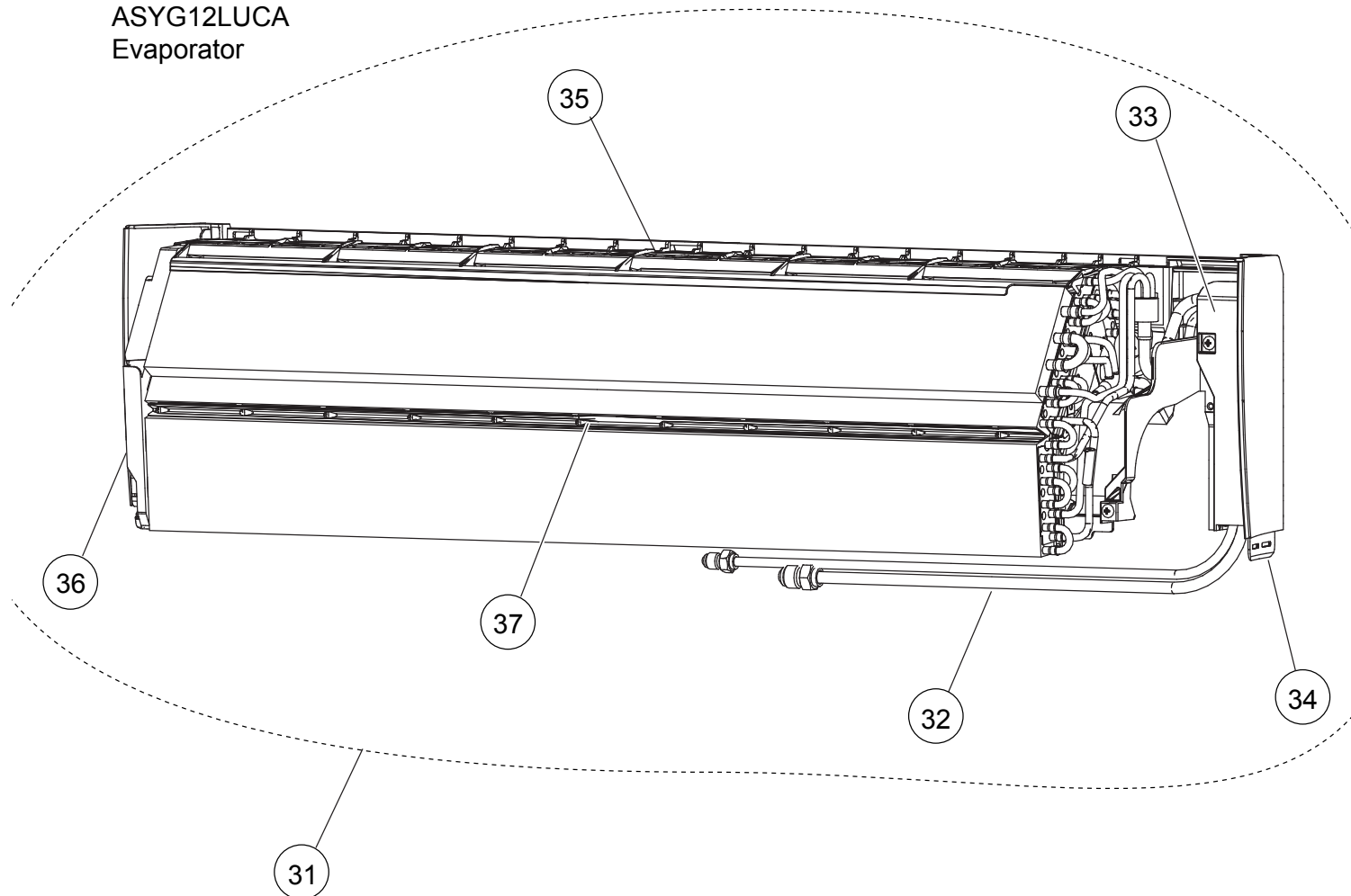
| Ref. | Description           | Part number |  |
|------|-----------------------|-------------|--|
| 1    | Bracket Panel         | 9318913002  |  |
| 2    | Wire Cover            | 9318911008  |  |
| 3    | Wire Shield           | 9318919004  |  |
| 4    | Under Cover           | 9318879001  |  |
| 5    | Louver U (Upper)      | 9318880007  |  |
| 6    | Louver Z (Lower)      | 9318881004  |  |
| 7    | Remote Control        | 9319207018  |  |
| 8    | Remote Control Holder | 9318912005  |  |

INDOOR UNIT  
 COMPACT WALL MOUNTED  
 ASYG07LUCA  
 ASYG09LUCA  
 ASYG12LUCA  
 Front panel

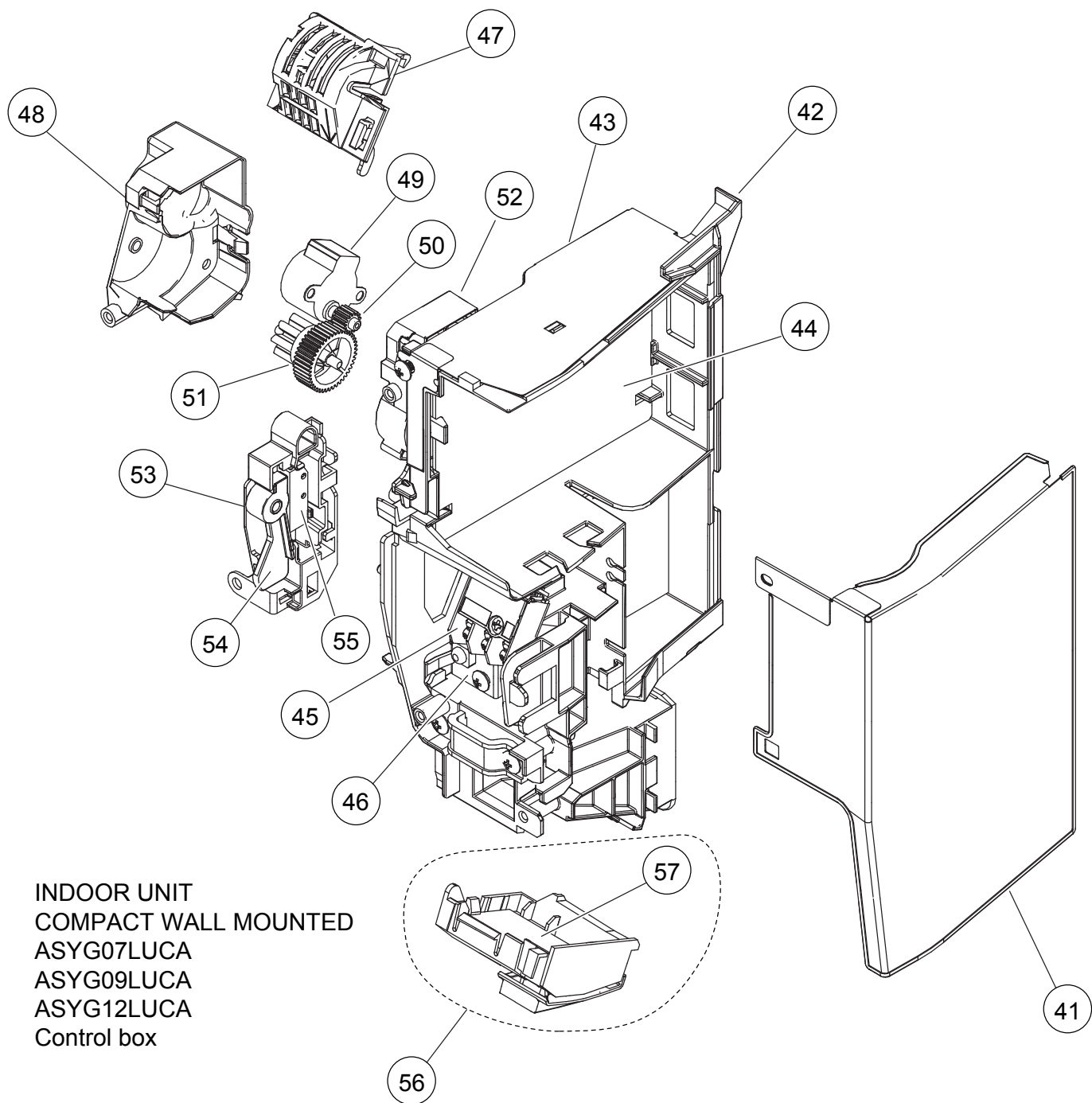


| Ref. | Description            | Part number |  |
|------|------------------------|-------------|--|
| 11   | Front Panel Total Assy | 9319348001  |  |
| 12   | Air Filter             | 9318883008  |  |
| 13   | Intake Grille Assy     | 9319351155  |  |
| 14   | Front Panel            | 9318876000  |  |
| 15   | Front Panel Cover U    | 9318910001  |  |
| 16   | Display Plate Holder L | 9318894004  |  |
| 17   | Display Plate Holder R | 9318895001  |  |
| 18   | Display Plate R        | 9318893007  |  |
| 19   | Arm Cover              | 9318900002  |  |
| 20   | Grille Stay            | 9318899009  |  |
| 21   | Grille Clamper B       | 9316951006  |  |

INDOOR UNIT  
COMPACT WALL MOUNTED  
ASYG07LUCA  
ASYG09LUCA  
ASYG12LUCA  
Evaporator



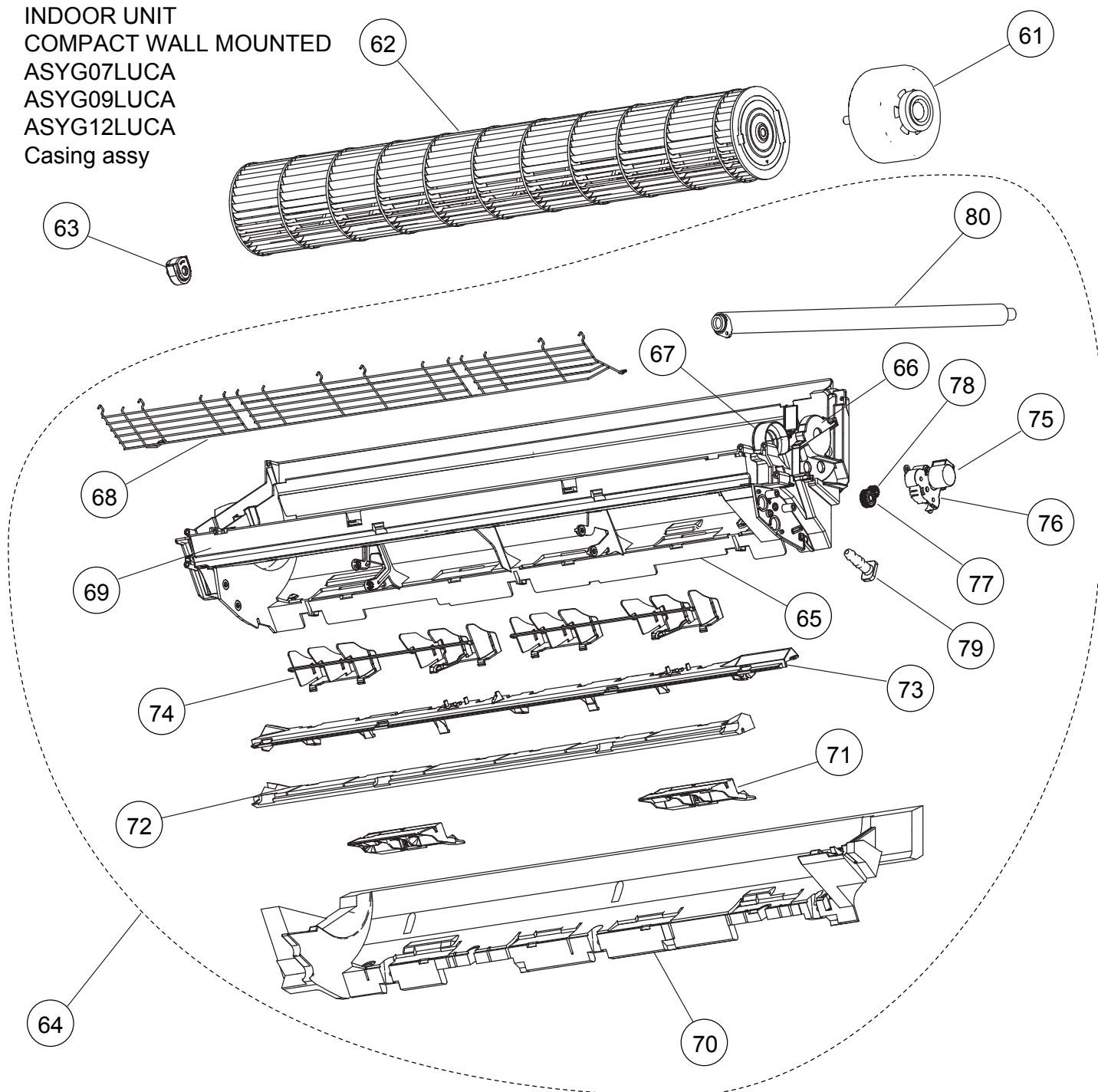
| Ref. | Description           | Part number |  |
|------|-----------------------|-------------|--|
| 31   | Evaporator Total Assy | 9319327006  |  |
| 32   | Joint Pipe Assy       | 9319322001  |  |
| 33   | Joint Pipe Holder     | 9318901009  |  |
| 34   | Base                  | 9318874006  |  |
| 35   | Filter Guide          | 9318887006  |  |
| 36   | Evaporator Holder L   | 9318875003  |  |
| 37   | Air Seal              | 9319295008  |  |



| Ref. | Description              | Part number |
|------|--------------------------|-------------|
| 41   | Cover Shield A           | 9318916003  |
| 42   | Control Box              | 9318882001  |
| 43   | Box Shield Assy          | 9319344003  |
| 44   | Controller PCB Assy (07) | 9708713014  |
| 44   | Controller PCB Assy (09) | 9708713021  |
| 44   | Controller PCB Assy (12) | 9708713038  |
| 45   | Terminal                 | 9900638009  |
| 46   | Earth Terminal           | 9318918007  |
| 47   | Room Thermistor Holder   | 9319068008  |
| 48   | Gear Cover               | 9318902006  |

| Ref. | Description      | Part number |
|------|------------------|-------------|
| 49   | Step Motor       | 9900384166  |
| 50   | Gear B           | 9319294001  |
| 51   | Panel Gear       | 9319293004  |
| 52   | Gear Case        | 9318903003  |
| 53   | Switch Case      | 9319332000  |
| 54   | Grille Key Top   | 9319334004  |
| 55   | Micro Switch     | 9900625009  |
| 56   | Display Assy     | 9708823010  |
| 57   | Display PCB Assy | 9708824017  |
| --   | Thermistor Assy  | 9900627003  |

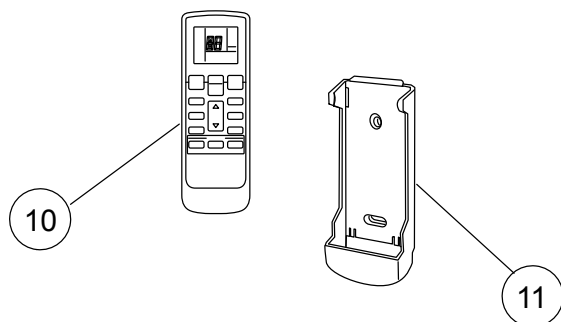
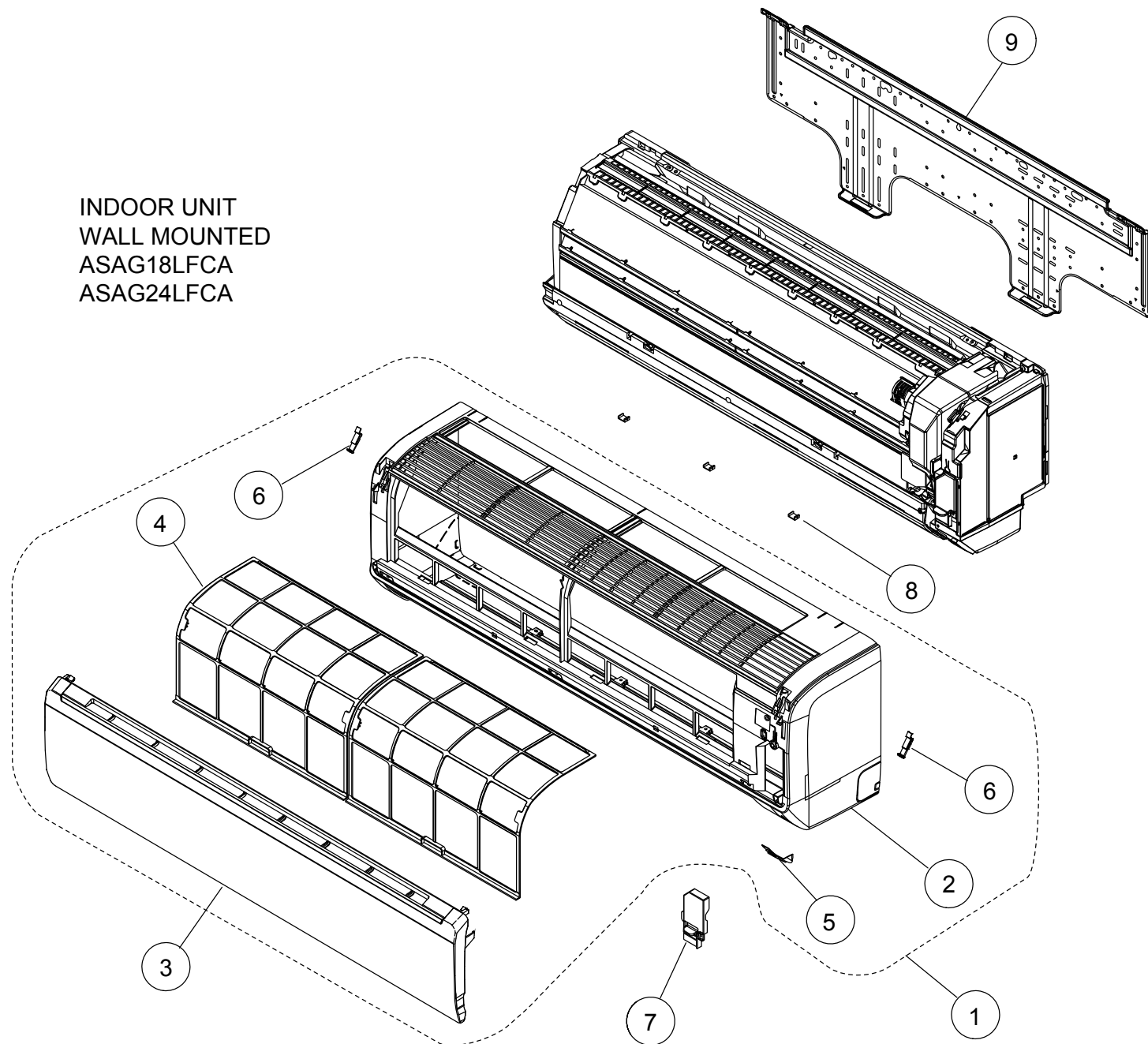
INDOOR UNIT  
COMPACT WALL MOUNTED  
ASYG07LUCA  
ASYG09LUCA  
ASYG12LUCA  
Casing assy



| Ref. | Description        | Part number |
|------|--------------------|-------------|
| 61   | Fan Motor          | 9602947003  |
| 62   | Crossflow Fan Assy | 9319361000  |
| 63   | Bearing C Assy     | 9306628017  |
| 64   | Casing Assy        | 9319342009  |
| 65   | Casing             | 9318873009  |
| 66   | Motor Cover        | 9316601000  |
| 67   | Motor Cover        | 9318888003  |
| 68   | Fan Guard          | 9318924008  |
| 69   | Casing Cover F     | 9318923001  |
| 70   | Casing Cover B     | 9318920000  |

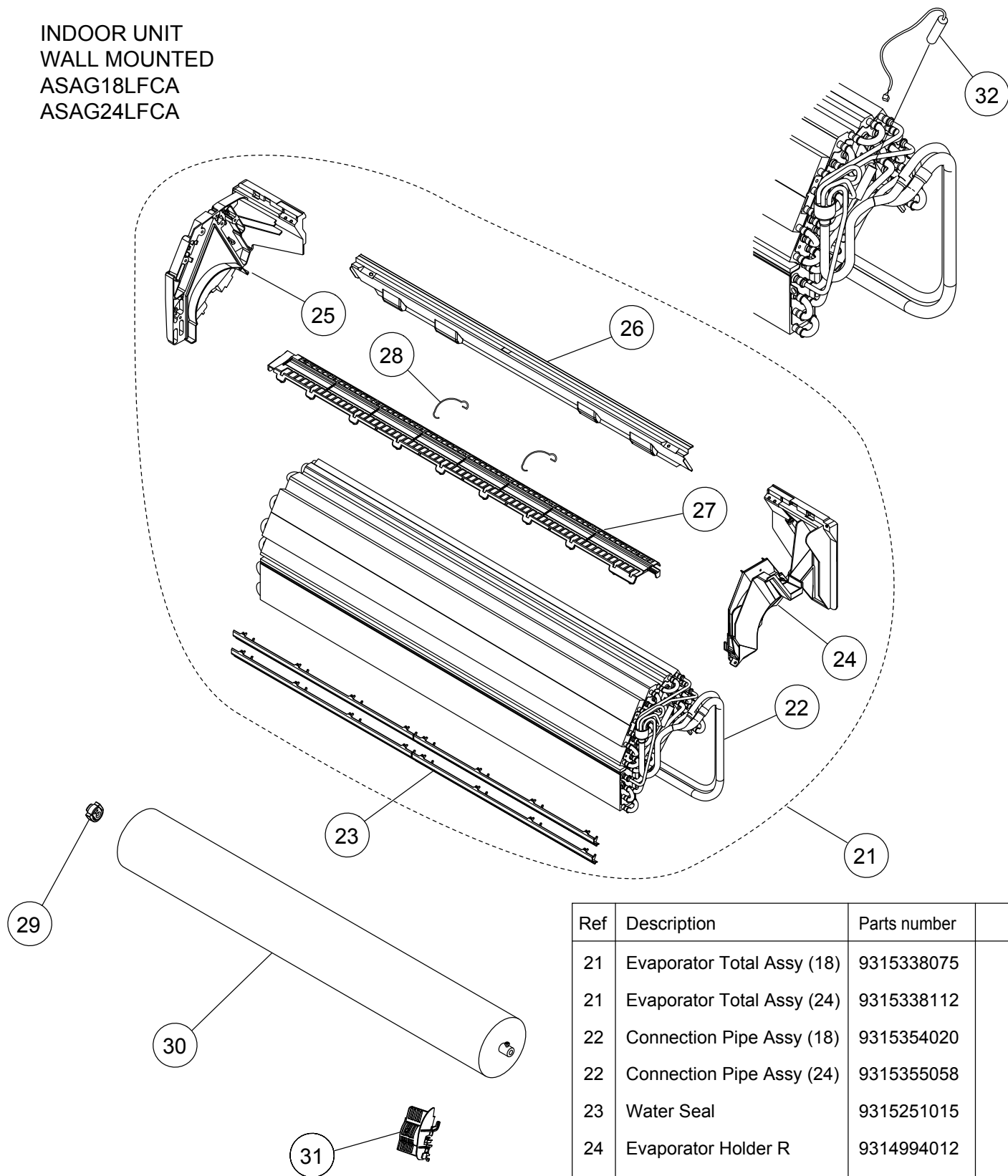
| Ref. | Description        | Part number |
|------|--------------------|-------------|
| 71   | Pipe Bracket       | 9318889000  |
| 72   | Panel Cover        | 9319296005  |
| 73   | Louver Holder      | 9318886009  |
| 74   | R and L Louver     | 9318885002  |
| 75   | Motor Step         | 9900384128  |
| 76   | Louver Gear Holder | 9318905007  |
| 77   | Louver Gear        | 9318904000  |
| 78   | Gear A             | 9309994003  |
| 79   | Drain Cap          | 9316177017  |
| 80   | Drain Hose Assy    | 9316904002  |

INDOOR UNIT  
WALL MOUNTED  
ASAG18LFCA  
ASAG24LFCA



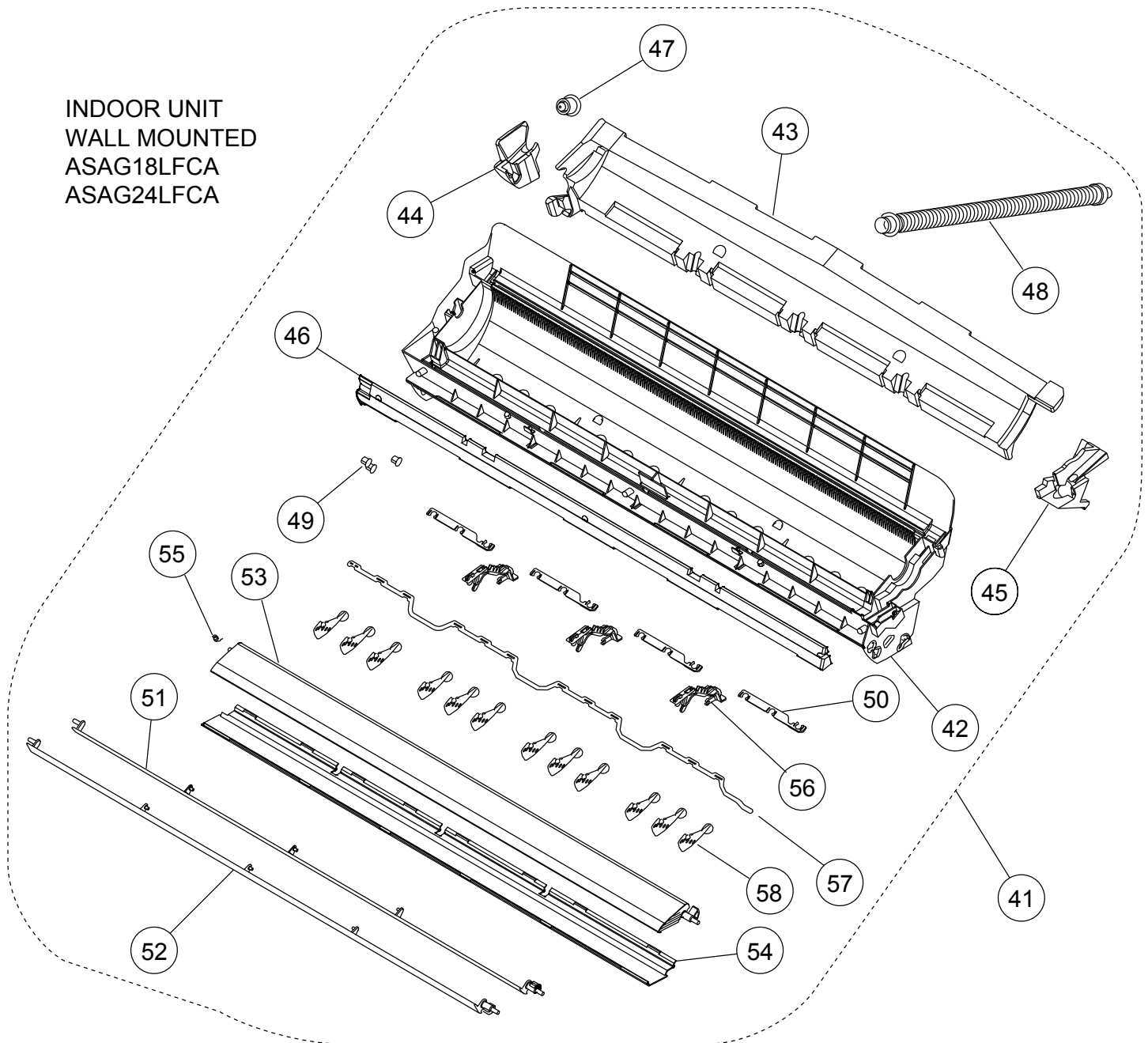
| Ref | Description            | Parts number |
|-----|------------------------|--------------|
| 1   | Front Panel Total Assy | 9318738001   |
| 2   | Front Panel            | 9314991080   |
| 3   | Intake Grille Assy     | 9385985049   |
| 4   | Air Filter             | 9315014016   |
| 5   | Receiver Window        | 9315010018   |
| 6   | Clamper Grille         | 9306755010   |
| 7   | Wire Clamper           | 9315015013   |
| 8   | Cap (Screw)            | 9309002050   |
| 9   | Bracket Panel          | 9315023018   |
| 10  | Remote Control         | 9379219037   |
| 11  | Remote Control Holder  | 9305642045   |

INDOOR UNIT  
WALL MOUNTED  
ASAG18LFCA  
ASAG24LFCA



| Ref | Description                | Parts number |
|-----|----------------------------|--------------|
| 21  | Evaporator Total Assy (18) | 9315338075   |
| 21  | Evaporator Total Assy (24) | 9315338112   |
| 22  | Connection Pipe Assy (18)  | 9315354020   |
| 22  | Connection Pipe Assy (24)  | 9315355058   |
| 23  | Water Seal                 | 9315251015   |
| 24  | Evaporator Holder R        | 9314994012   |
| 25  | Evaporator Holder L        | 9314995019   |
| 26  | Rear Bracket               | 9315022011   |
| 27  | Filter Guide               | 9315013019   |
| 28  | Filter Guard               | 9315411013   |
| 29  | Bearing C Assy             | 9306628017   |
| 30  | Crossflow Fan Assy         | 9315024015   |
| 31  | Holder (Room Thermistor)   | 9315252012   |
| 32  | Pipe Thermistor            | 9900551018   |

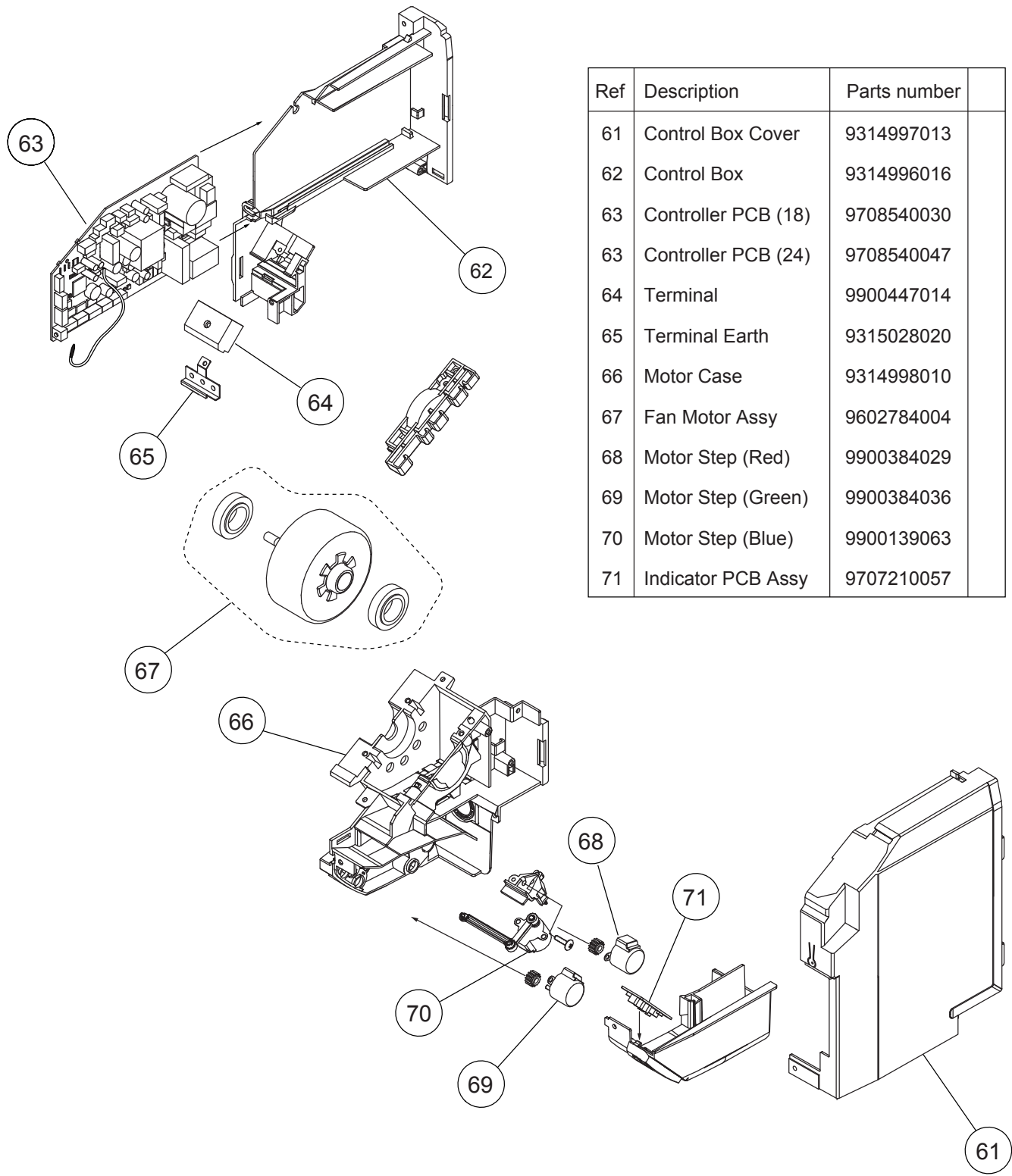
INDOOR UNIT  
WALL MOUNTED  
ASAG18LFCA  
ASAG24LFCA



| Ref | Description      | Parts number |
|-----|------------------|--------------|
| 41  | Casing Assy (18) | 9315331038   |
| 41  | Casing Assy (24) | 9315331045   |
| 42  | Casing           | 9314993015   |
| 43  | Casing Cover B   | 9315016010   |
| 44  | Casing Cover L   | 9315017017   |
| 45  | Casing Cover R   | 9315018014   |
| 46  | Casing Cover F   | 9315019011   |
| 47  | Drain Cap        | 9367677009   |
| 48  | Drain Hose Assy  | 9315769015   |
| 49  | Bush B           | 9312156016   |
| 50  | Spacer B         | 9312441013   |

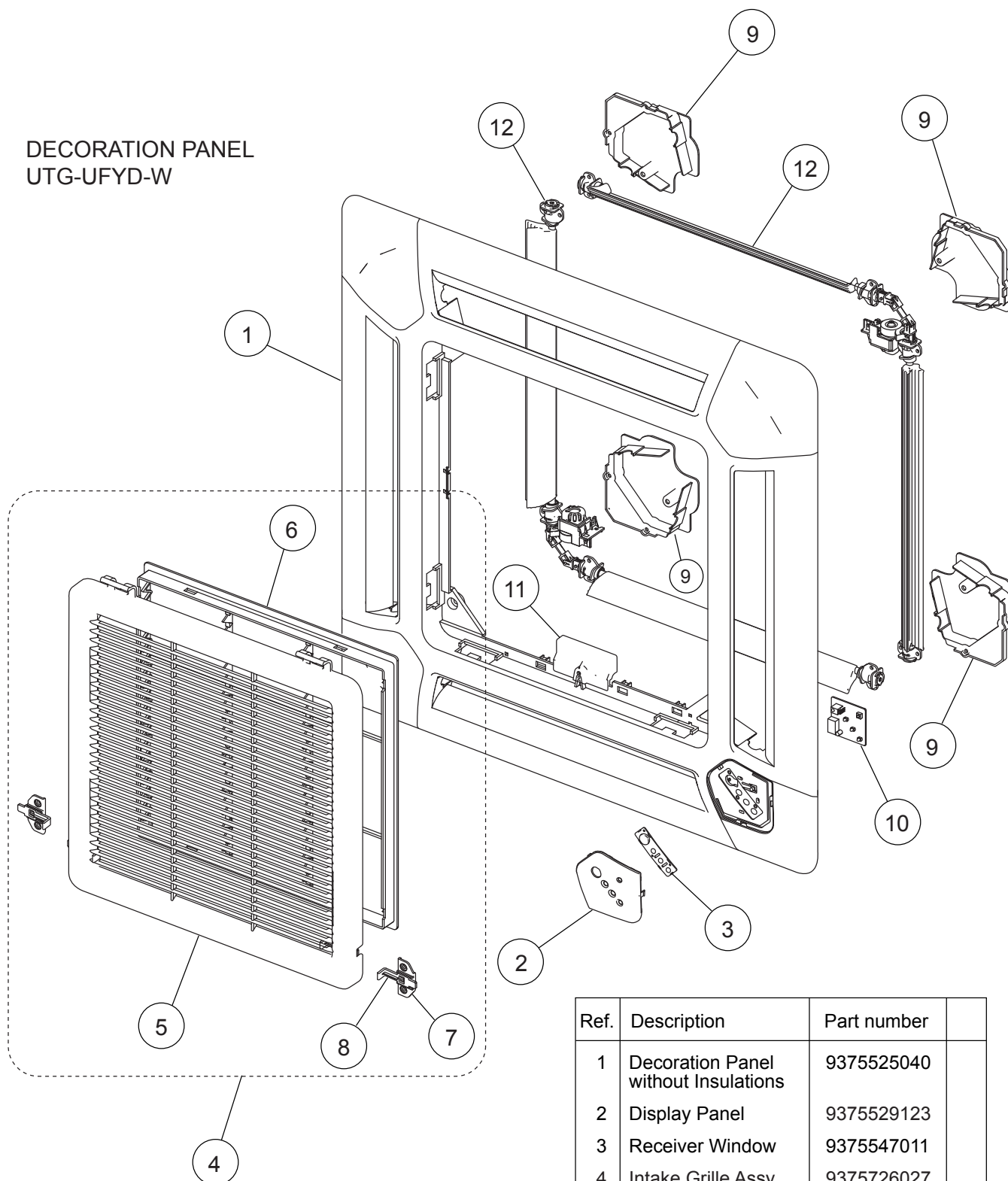
| Ref | Description            | Parts number |
|-----|------------------------|--------------|
| 51  | Louver U               | 9315000019   |
| 52  | Louver Z               | 9315001016   |
| 53  | Diffuser U             | 9315002013   |
| 54  | Diffuser Z             | 9315003010   |
| 55  | Spring C               | 9314142017   |
| 56  | Pillar A               | 9315009012   |
| 57  | Joint B                | 9315006011   |
| 58  | R and L Louver         | 9311997016   |
| -   | Fan Guard              | 9305751051   |
| -   | Fan Guard Holder Right | 9315814012   |
| -   | Fan Guard Holder Left  | 9315815019   |

INDOOR UNIT  
WALL MOUNTED  
ASAG18LFCA  
ASAG24LFCA



| Ref | Description         | Parts number |
|-----|---------------------|--------------|
| 61  | Control Box Cover   | 9314997013   |
| 62  | Control Box         | 9314996016   |
| 63  | Controller PCB (18) | 9708540030   |
| 63  | Controller PCB (24) | 9708540047   |
| 64  | Terminal            | 9900447014   |
| 65  | Terminal Earth      | 9315028020   |
| 66  | Motor Case          | 9314998010   |
| 67  | Fan Motor Assy      | 9602784004   |
| 68  | Motor Step (Red)    | 9900384029   |
| 69  | Motor Step (Green)  | 9900384036   |
| 70  | Motor Step (Blue)   | 9900139063   |
| 71  | Indicator PCB Assy  | 9707210057   |

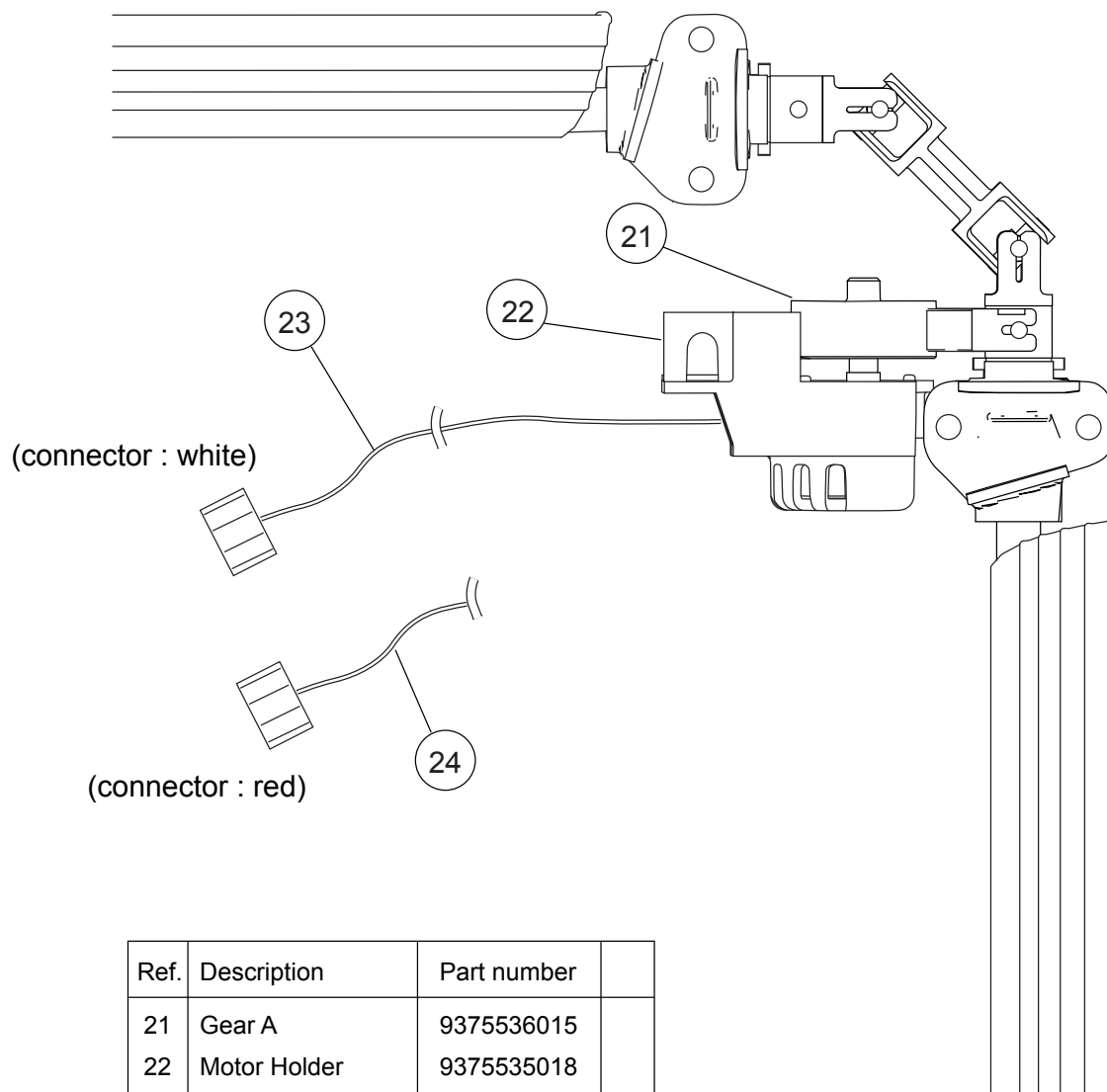
# DECORATION PANEL UTG-UFYD-W



| Ref. | Description                          | Part number |
|------|--------------------------------------|-------------|
| 1    | Decoration Panel without Insulations | 9375525040  |
| 2    | Display Panel                        | 9375529123  |
| 3    | Receiver Window                      | 9375547011  |
| 4    | Intake Grille Assy                   | 9375726027  |
| 5    | Intake Grille                        | 9375531027  |
| 6    | Long Life Filter                     | 9375533014  |
| 7    | Hook Bracket                         | 9375546014  |
| 8    | Grille Hook                          | 9375532024  |
| 9    | Panel Cover without Insulations      | 9375530013  |
| 10   | Indicator PCB Assy                   | 9707371031  |
| 11   | Connector Cover                      | 9375549015  |
| 12   | Flap Total Assy                      | 9377760029  |

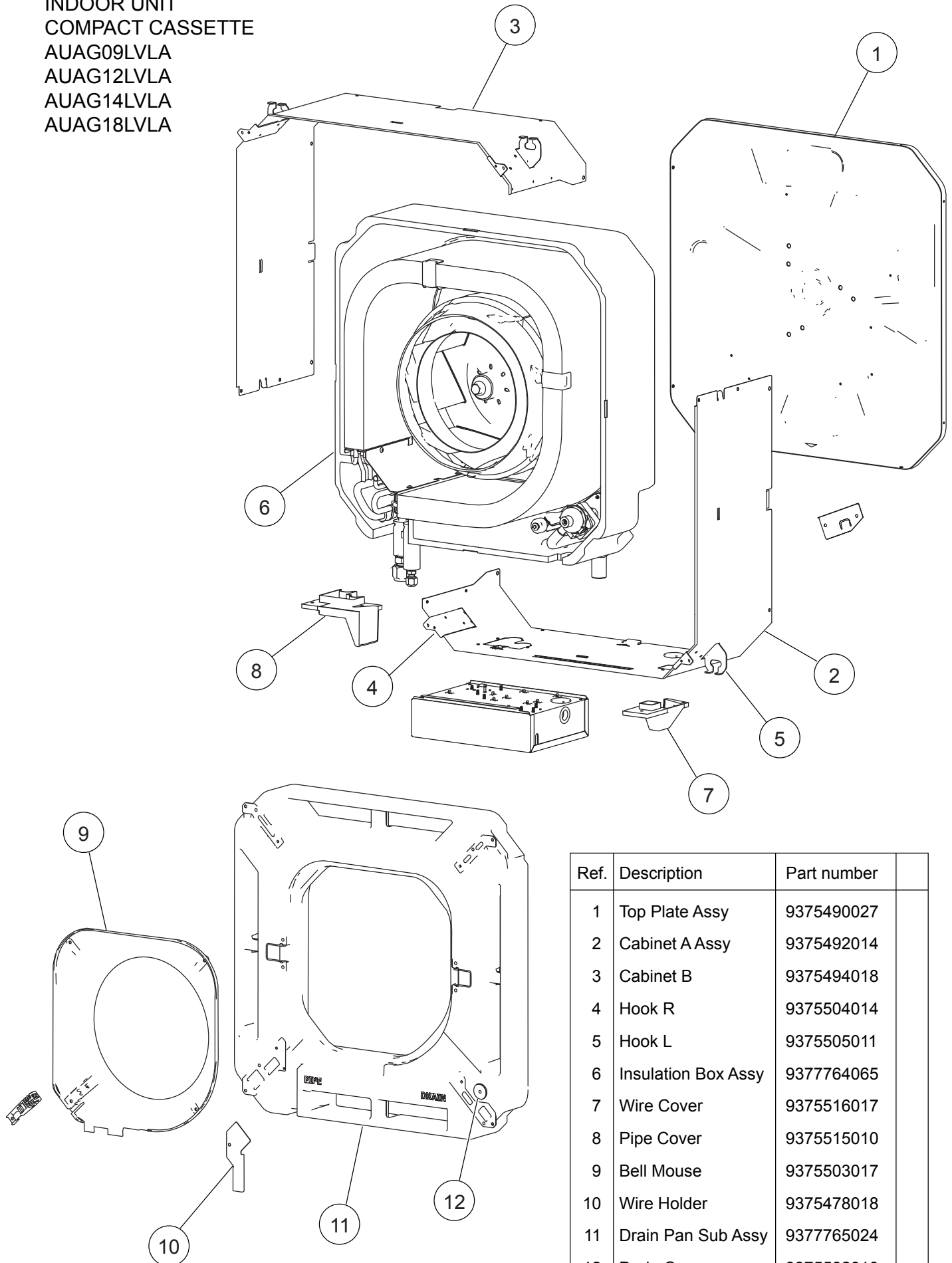
DECORATION PANEL  
UTG-UFYD-W

Flap total assy  
Motor holder assy

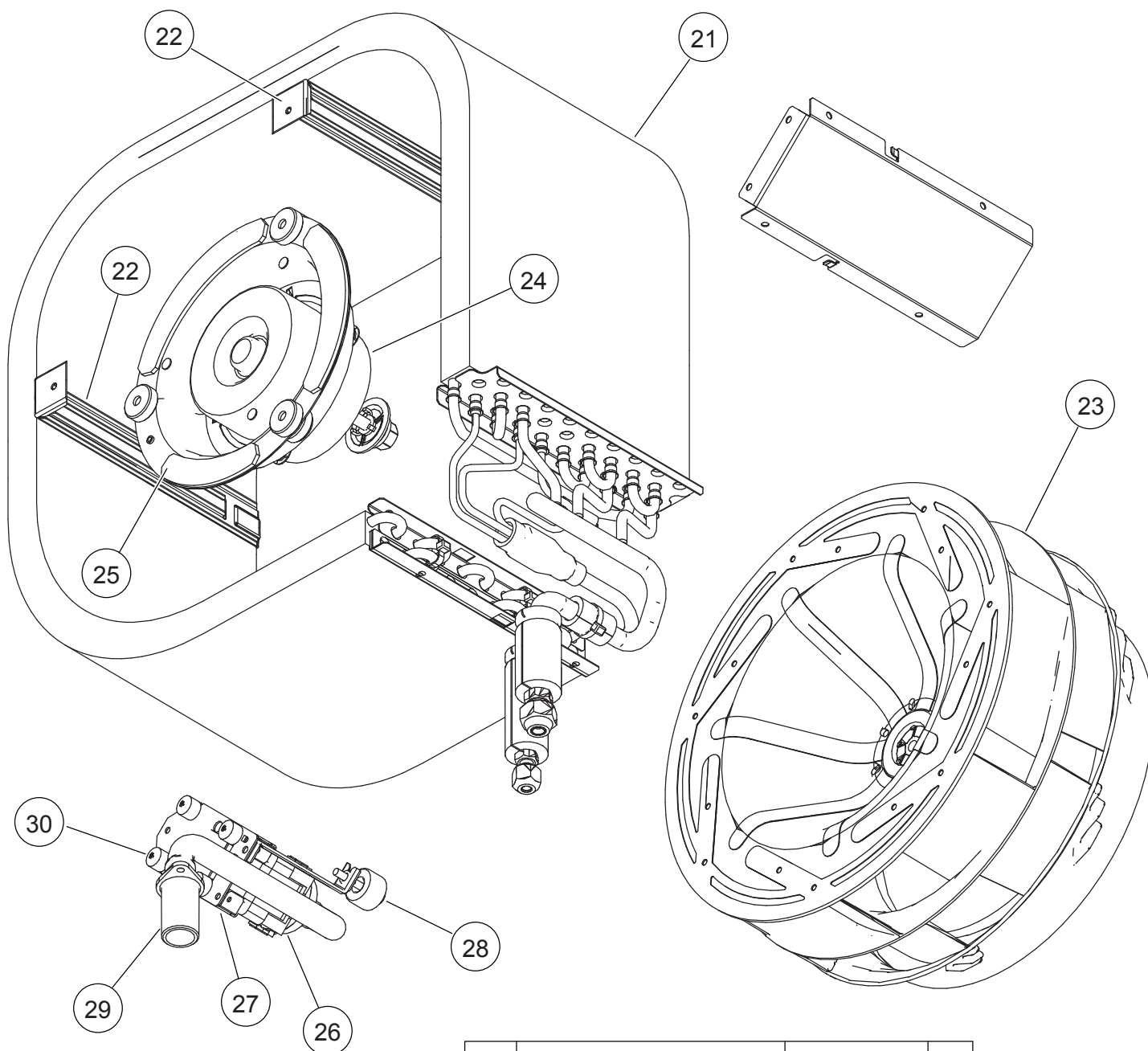


| Ref. | Description                     | Part number |  |
|------|---------------------------------|-------------|--|
| 21   | Gear A                          | 9375536015  |  |
| 22   | Motor Holder                    | 9375535018  |  |
| 23   | Step Motor<br>(white connector) | 9900139070  |  |
| 24   | Step Motor<br>(red connector)   | 9900139087  |  |

INDOOR UNIT  
COMPACT CASSETTE  
AUAG09LVLA  
AUAG12LVLA  
AUAG14LVLA  
AUAG18LVLA



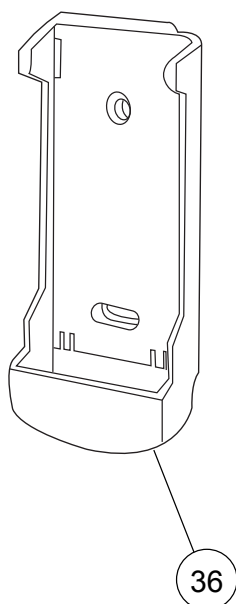
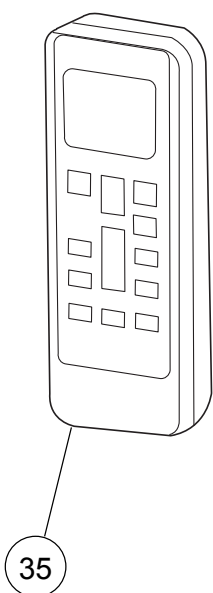
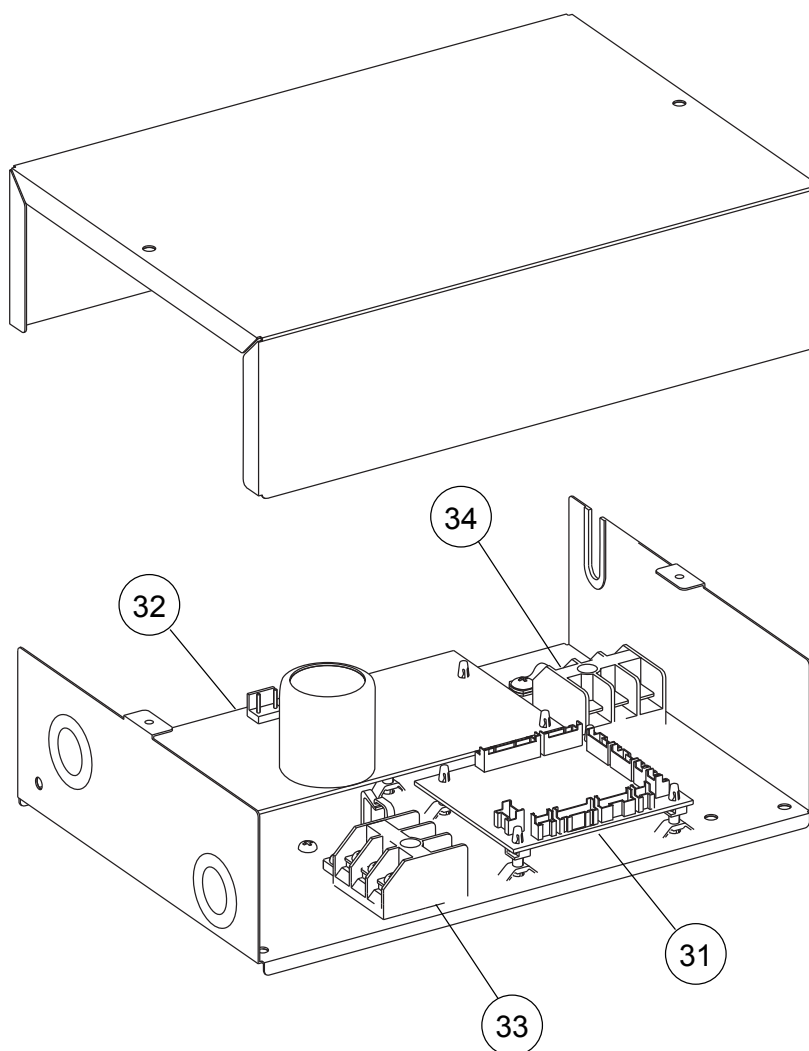
| Ref. | Description         | Part number |  |
|------|---------------------|-------------|--|
| 1    | Top Plate Assy      | 9375490027  |  |
| 2    | Cabinet A Assy      | 9375492014  |  |
| 3    | Cabinet B           | 9375494018  |  |
| 4    | Hook R              | 9375504014  |  |
| 5    | Hook L              | 9375505011  |  |
| 6    | Insulation Box Assy | 9377764065  |  |
| 7    | Wire Cover          | 9375516017  |  |
| 8    | Pipe Cover          | 9375515010  |  |
| 9    | Bell Mouse          | 9375503017  |  |
| 10   | Wire Holder         | 9375478018  |  |
| 11   | Drain Pan Sub Assy  | 9377765024  |  |
| 12   | Drain Cap           | 9375502010  |  |



INDOOR UNIT  
COMPACT CASSETTE  
AUAG09LVLA  
AUAG12LVLA  
AUAG14LVLA  
AUAG18LVLA

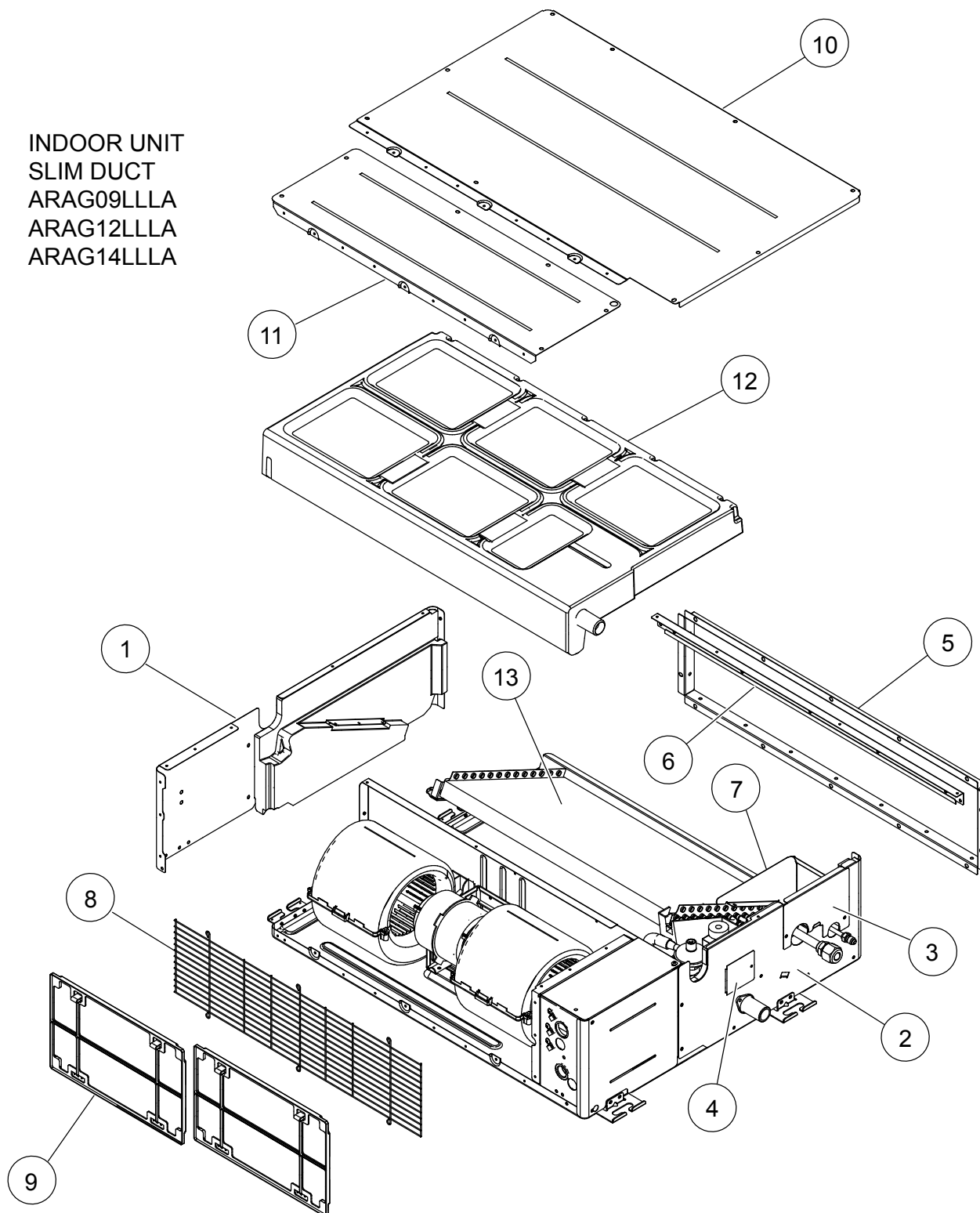
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|------|--------------------------------|-------------|--|
| 21   | Evaporator Total Assy (09, 12) | 9375720032  |  |
| 21   | Evaporator Total Assy (14, 18) | 9375720070  |  |
| 22   | Evaporator Holder              | 9375508012  |  |
| 23   | 2 Stage Turbo Fan Assy         | 9375480011  |  |
| 24   | Fan Motor                      | 9602436019  |  |
| 25   | Fan Motor Holder               | 9375552015  |  |
| 26   | Pump Assy                      | 9900472030  |  |
| 27   | Drain Pump Holder B            | 9375518011  |  |
| 28   | Float Switch                   | 9900361037  |  |
| 29   | Drain Port Sub Assy            | 9375718015  |  |
| 30   | Rubber (Pump)                  | 9378426016  |  |

INDOOR UNIT  
COMPACT CASSETTE  
AUAG09LVLA  
AUAG12LVLA  
AUAG14LVLA  
AUAG18LVLA  
Control unit



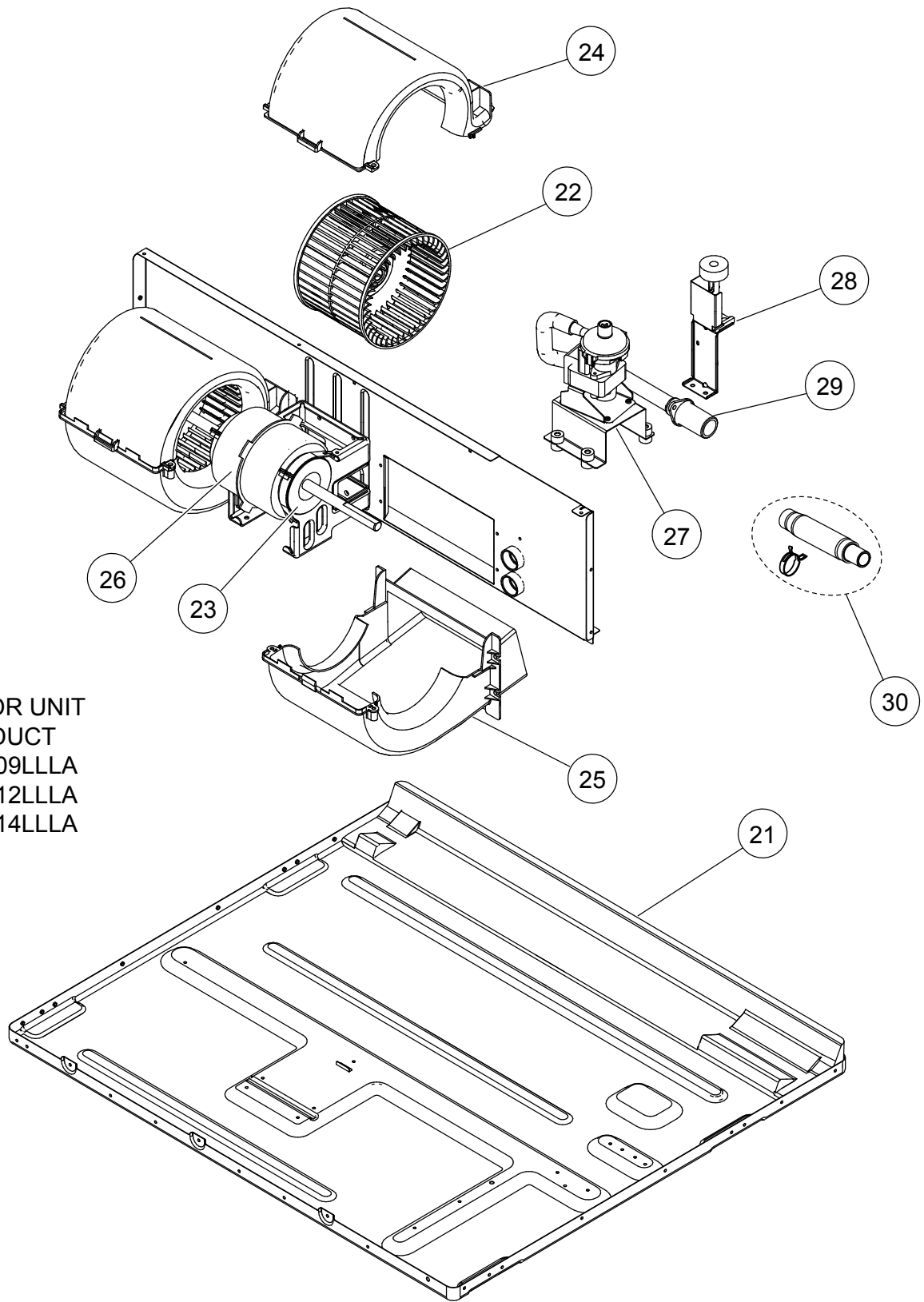
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|------|--------------------------|-------------|--|
| 31   | Controller PCB Assy (09) | 9707393743  |  |
| 31   | Controller PCB Assy (12) | 9707393750  |  |
| 31   | Controller PCB Assy (14) | 9707393767  |  |
| 31   | Controller PCB Assy (18) | 9707393774  |  |
| 32   | Power Supply PCB Assy    | 9707398250  |  |
| 33   | Terminal                 | 9306489045  |  |
| 34   | Terminal                 | 9703345012  |  |
| 35   | Remote Control           | 9379219006  |  |
| 36   | Remote Control Holder    | 9305642045  |  |
| --   | Pipe Thermistor          | 9703297014  |  |
| --   | Room Thermistor          | 9900502003  |  |

INDOOR UNIT  
SLIM DUCT  
ARAG09LLLA  
ARAG12LLLA  
ARAG14LLLA



| Ref | Description                    | Parts number | Ref | Description                    | Parts number |
|-----|--------------------------------|--------------|-----|--------------------------------|--------------|
| 1   | Side Panel R Sub Assy          | 9379906012   | 8   | Fan Guard (2 Fan)              | 9380589006   |
| 2   | Side Panel L Sub Assy          | 9379907019   | 9   | Air Filter                     | 9379574006   |
| 3   | Pipe Panel Sub Assy            | 9379900003   | 10  | Main Panel (2 Fan)             | 9380602002   |
| 4   | Panel (Window) Sub Assy        | 9379915007   | 11  | Cabinet Panel (2 Fan)          | 9380597001   |
| 5   | Outlet Frame Assy              | 9380042006   | 12  | Drain Pan Sub Assy             | 9379901048   |
| 6   | Front Panel (2 Fan)            | 9380594000   | 13  | Evaporater Total Assy (09, 12) | 9380682042   |
| 7   | Valve Cover Sub Assy           | 9379576017   | 13  | Evaporater Total Assy (14)     | 9380682059   |
| 8   | Fan Guard (2 Fan)              | 9380589006   |     |                                |              |
| 9   | Air Filter                     | 9379574006   |     |                                |              |
| 10  | Main Panel (2 Fan)             | 9380602002   |     |                                |              |
| 11  | Cabinet Panel (2 Fan)          | 9380597001   |     |                                |              |
| 12  | Drain Pan Sub Assy             | 9379901048   |     |                                |              |
| 13  | Evaporater Total Assy (09, 12) | 9380682042   |     |                                |              |
| 13  | Evaporater Total Assy (14)     | 9380682059   |     |                                |              |

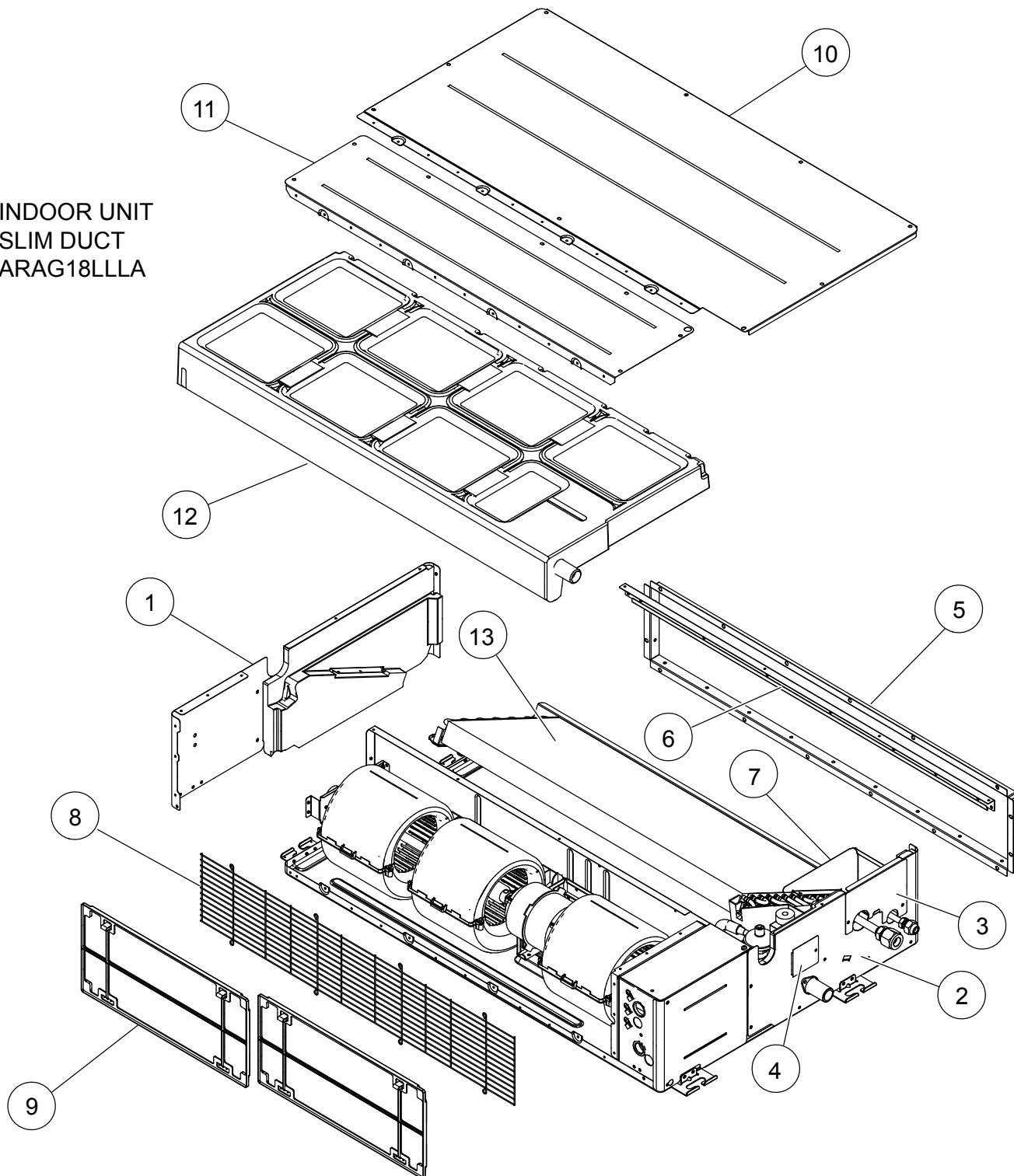
INDOOR UNIT  
SLIM DUCT  
ARAG09LLLA  
ARAG12LLLA  
ARAG14LLLA



| Ref | Description              | Parts number |
|-----|--------------------------|--------------|
| 21  | Top Panel Sub Assy       | 9379908030   |
| 22  | Sirroco Fan Assy         | 9379570015   |
| 23  | Rubber (Vibration Proof) | 9379644006   |
| 24  | Casing B                 | 9379572002   |
| 25  | Casing U                 | 9379571005   |

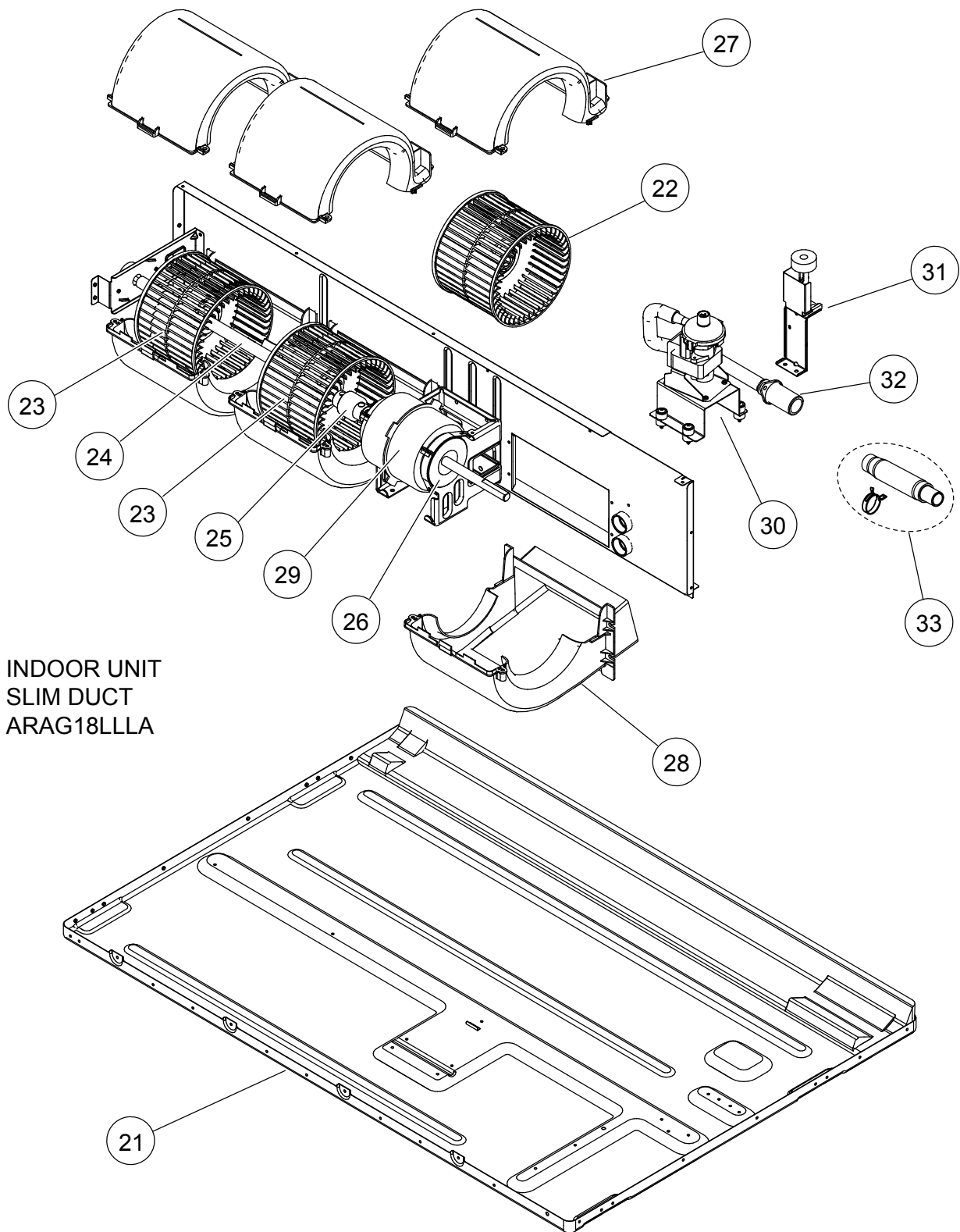
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|-----|-----------------------|--------------|
| 26  | Fan Motor Assy        | 9602967025   |
| 27  | Drain Pump Sub Assy   | 9379914024   |
| 28  | Float Switch Sub Assy | 9378593022   |
| 29  | Drain Hose Assy       | 9379913003   |
| 30  | Hose Sub Assy         | 9378450097   |

INDOOR UNIT  
SLIM DUCT  
ARAG18LLLA



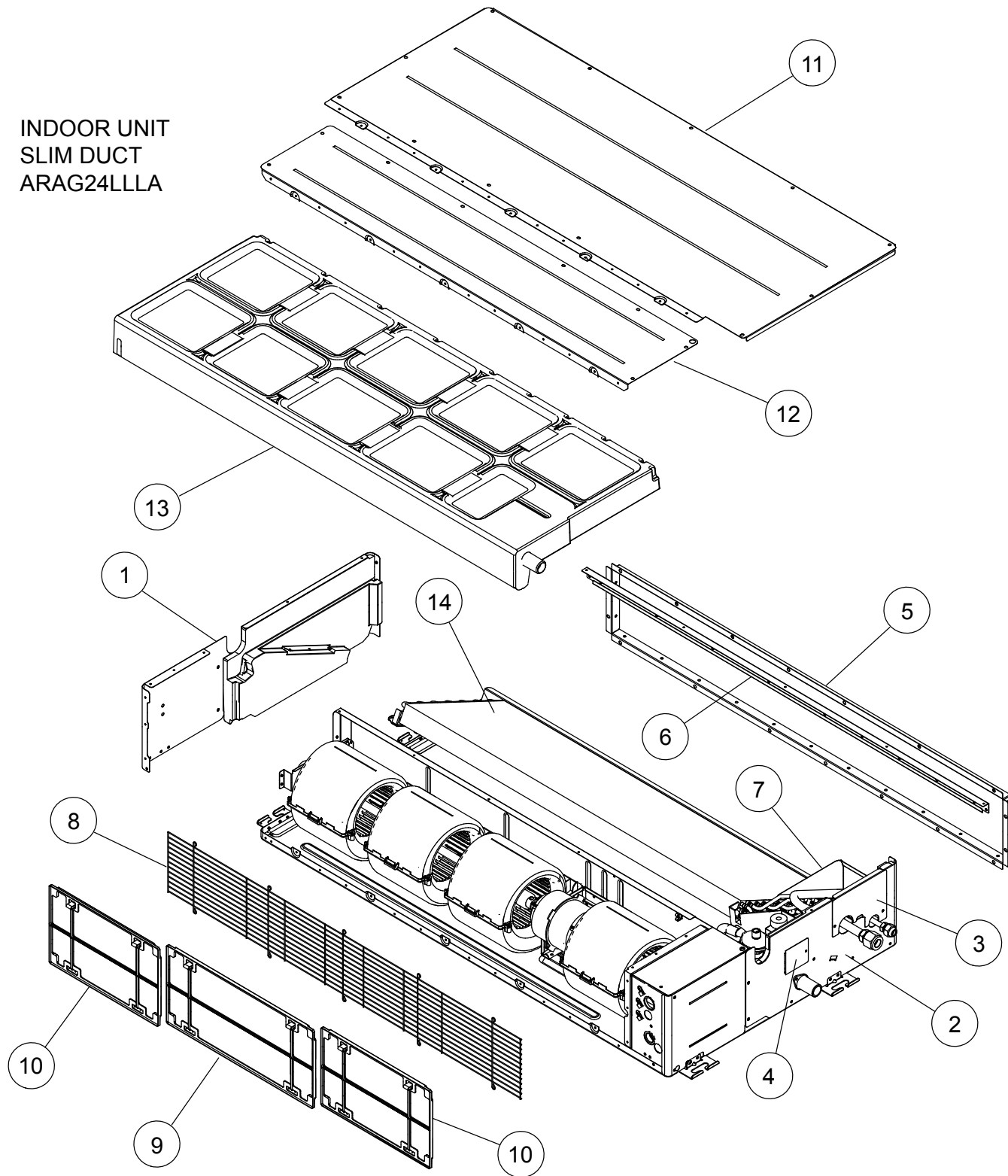
| Ref | Description             | Parts number |
|-----|-------------------------|--------------|
| 1   | Side Panel R Sub Assy   | 9379906012   |
| 2   | Side Panel L Sub Assy   | 9379907019   |
| 3   | Pipe Panel Sub Assy     | 9379900003   |
| 4   | Panel (Window) Sub Assy | 9379915007   |
| 5   | Outlet Frame Assy       | 9380042013   |
| 6   | Front Panel (3 Fan)     | 9380595007   |
| 7   | Valve Cover Sub Assy    | 9379576017   |

| Ref | Description           | Parts number |
|-----|-----------------------|--------------|
| 8   | Fan Guard (3 Fan)     | 9380590002   |
| 9   | Air Filter            | 9379575003   |
| 10  | Main Panel (3 Fan)    | 9380603009   |
| 11  | Cabinet Panel (3 Fan) | 9380598008   |
| 12  | Drain Pan Sub Assy    | 9379901055   |
| 13  | Evaporator Total Assy | 9380682066   |



| Ref | Description              | Parts number | Ref | Description           | Parts number |
|-----|--------------------------|--------------|-----|-----------------------|--------------|
| 21  | Top Panel Sub Assy       | 9379908047   | 28  | Casing U              | 9379571005   |
| 22  | Sirroco Fan Assy         | 9379570022   | 29  | Fan Motor Assy        | 9602968022   |
| 23  | Sirroco Fan Assy         | 9379570039   | 30  | Drain Pump Sub Assy   | 9379914024   |
| 24  | Shaft                    | 9380398004   | 31  | Float Switch Sub Assy | 9378593022   |
| 25  | Joint Assy               | 9378038011   | 32  | Drain Hose Assy       | 9379913003   |
| 26  | Rubber (Vibration Proof) | 9379644006   | 33  | Hose Sub Assy         | 9378450097   |
| 27  | Casing B                 | 9379572002   |     |                       |              |

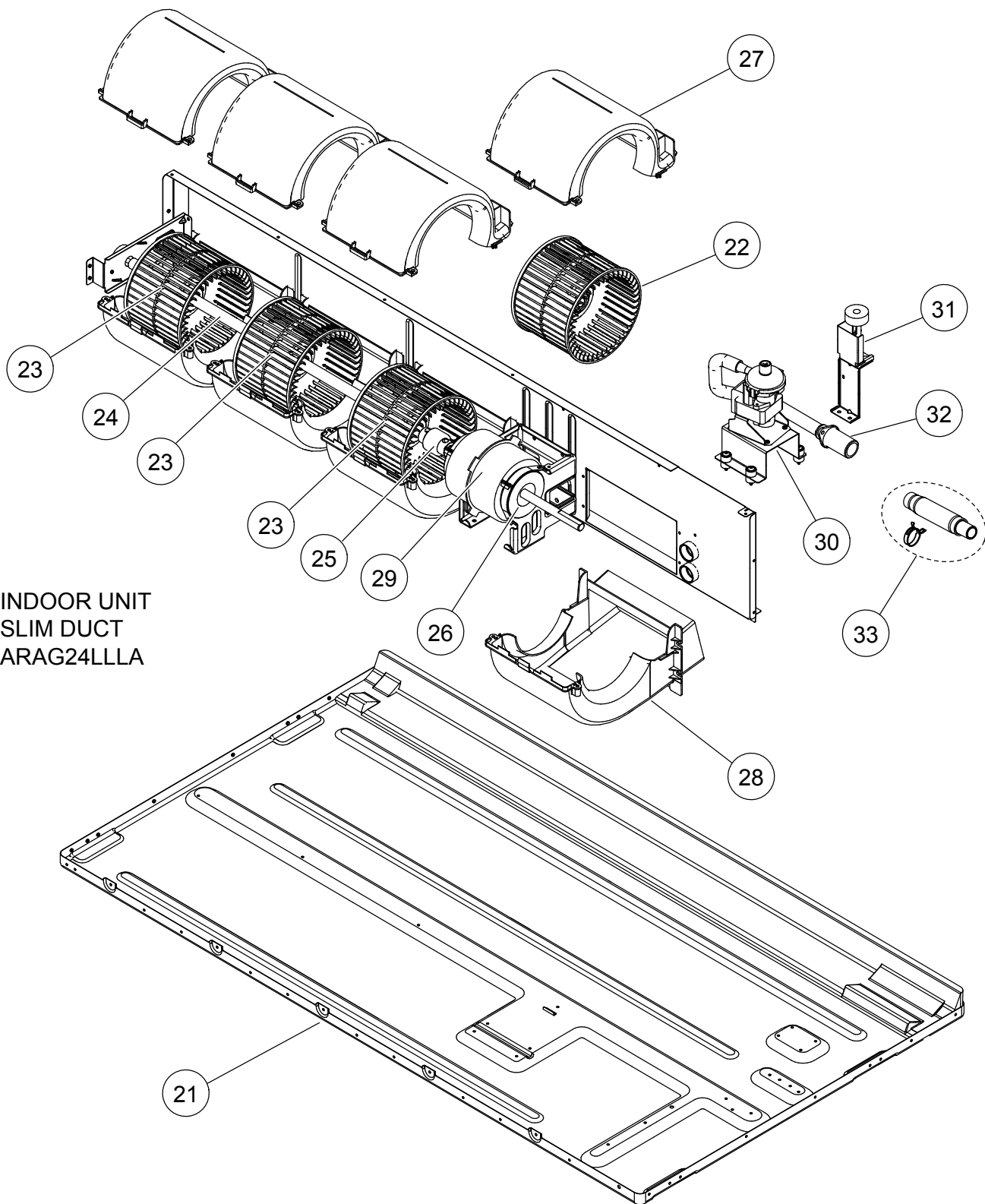
INDOOR UNIT  
SLIM DUCT  
ARAG24LLLA



| Ref | Description             | Parts number |
|-----|-------------------------|--------------|
| 1   | Side Panel R Sub Assy   | 9379906012   |
| 2   | Side Panel L Sub Assy   | 9379907019   |
| 3   | Pipe Panel Sub Assy     | 9379900003   |
| 4   | Panel (Window) Sub Assy | 9379915007   |
| 5   | Outlet Frame Assy       | 9380042020   |
| 6   | Front Panel (4 Fan)     | 9380596004   |
| 7   | Valve Cover Sub Assy    | 9379576017   |

| Ref | Description           | Parts number |
|-----|-----------------------|--------------|
| 8   | Fan Guard (4 Fan)     | 9380591009   |
| 9   | Air Filter            | 9379575003   |
| 10  | Air Filter            | 9379574006   |
| 11  | Main Panel (4 Fan)    | 9380604006   |
| 12  | Cabinet Panel (4 Fan) | 9380599005   |
| 13  | Drain Pan Sub Assy    | 9379901062   |
| 14  | Evaporator Total Assy | 9380682073   |

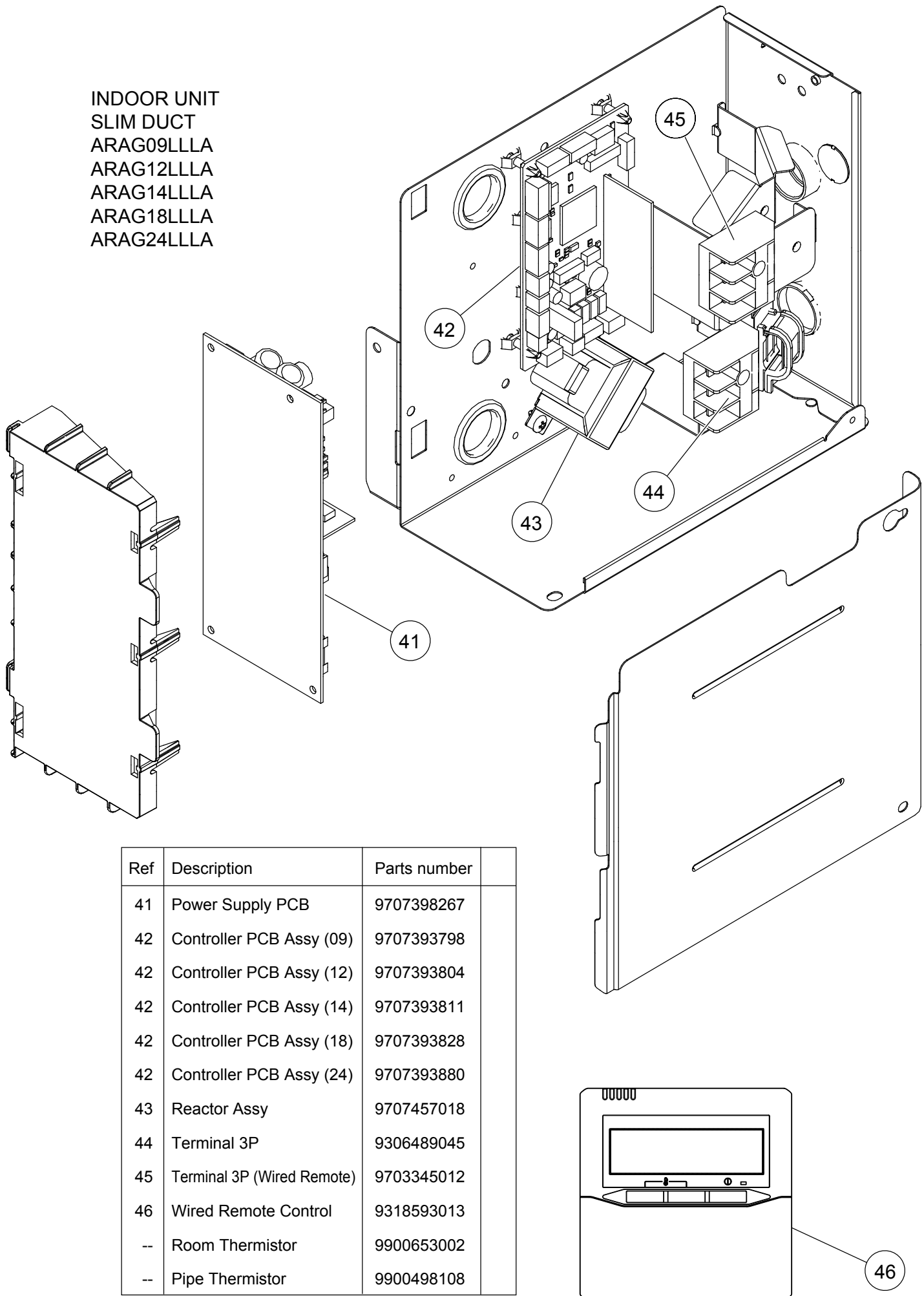
INDOOR UNIT  
SLIM DUCT  
ARAG24LLLA



| Ref. | Description              | Parts number |
|------|--------------------------|--------------|
| 21   | Top Panel Sub Assy       | 9379908054   |
| 22   | Sirroco Fan Assy         | 9379570022   |
| 23   | Sirroco Fan Assy         | 9379570039   |
| 24   | Shaft                    | 9380398011   |
| 25   | Joint Assy               | 9378038011   |
| 26   | Rubber (Vibration Proof) | 9379644006   |
| 27   | Casing B                 | 9379572002   |

| Ref. | Description           | Parts number |
|------|-----------------------|--------------|
| 28   | Casing U              | 9379571005   |
| 29   | Fan Motor Assy        | 9602968022   |
| 30   | Drain Pump Sub Assy   | 9379914024   |
| 31   | Float Switch Sub Assy | 9378593022   |
| 32   | Drain Hose Assy       | 9379913003   |
| 33   | Hose Sub Assy         | 9378450097   |

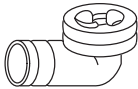
INDOOR UNIT  
SLIM DUCT  
ARAG09LLLA  
ARAG12LLLA  
ARAG14LLLA  
ARAG18LLLA  
ARAG24LLLA



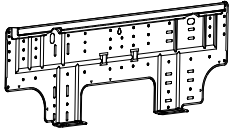
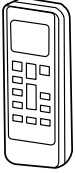
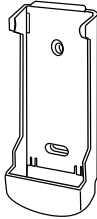
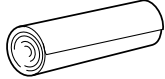
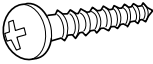
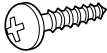
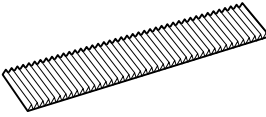
| Ref | Description                | Parts number |
|-----|----------------------------|--------------|
| 41  | Power Supply PCB           | 9707398267   |
| 42  | Controller PCB Assy (09)   | 9707393798   |
| 42  | Controller PCB Assy (12)   | 9707393804   |
| 42  | Controller PCB Assy (14)   | 9707393811   |
| 42  | Controller PCB Assy (18)   | 9707393828   |
| 42  | Controller PCB Assy (24)   | 9707393880   |
| 43  | Reactor Assy               | 9707457018   |
| 44  | Terminal 3P                | 9306489045   |
| 45  | Terminal 3P (Wired Remote) | 9703345012   |
| 46  | Wired Remote Control       | 9318593013   |
| --  | Room Thermistor            | 9900653002   |
| --  | Pipe Thermistor            | 9900498108   |

## ACCESSORIES

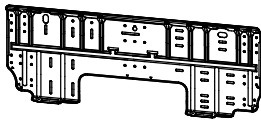
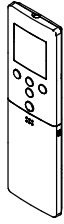
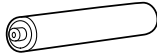
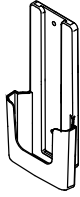
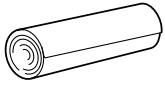
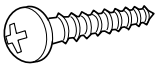
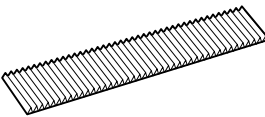
### OUTDOOR UNIT

| Name and Shape                                                                                                                     | Q'ty | Application                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|
| Drain pipe<br>                                    | 1    | For outdoor unit drain piping work (May not be supplied, depending on the model.) |
| Drain cap<br>                                     | 2    |                                                                                   |
| Putty<br>                                        | 1    | For filling in a gap at the entrance of connection cords.                         |
| Adapter G (1/2" → 5/8")<br>12.7mm → 15.88mm<br> | 1    | For connecting a pipe with different diameter to the outdoor unit.                |
| Adapter D (1/2" → 3/8")<br>12.7mm → 9.52mm<br>  | 2    |                                                                                   |

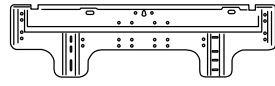
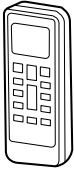
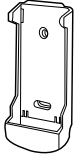
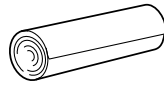
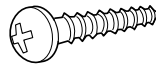
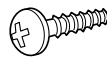
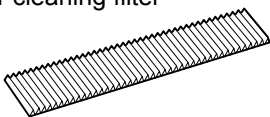
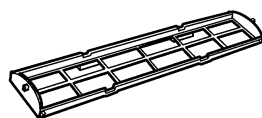
**INDOOR UNIT  
COMPACT WALL MOUNTED  
ASAG07, 09, 12LJCA**

| Name and Shape                                                                                               | Q'ty |
|--------------------------------------------------------------------------------------------------------------|------|
| Wall hook bracket<br>       | 1    |
| Remote control<br>          | 1    |
| Battery<br>                 | 2    |
| Remote control holder<br>  | 1    |
| Cloth tape<br>            | 1    |
| Tapping screw (big)<br>   | 8    |
| Tapping screw (small)<br> | 2    |
| Air cleaning filter<br>   | 2    |

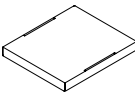
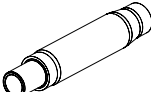
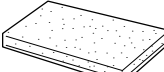
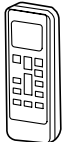
**COMPACT WALL MOUNTED  
ASYG07, 09, 12LUCA**

| Name and Shape                                                                                               | Q'ty |
|--------------------------------------------------------------------------------------------------------------|------|
| Bracket panel<br>           | 1    |
| Remote control<br>          | 1    |
| Battery<br>                 | 2    |
| Remote control holder<br>  | 1    |
| Cloth tape<br>            | 1    |
| Tapping screw (big)<br>   | 5    |
| Tapping screw (small)<br> | 2    |
| Air cleaning filter<br>   | 2    |

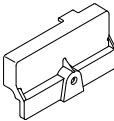
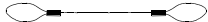
**WALL MOUNTED  
ASAG18, 24LFCA**

| Name and Shape                                                                                                     | Q'ty |
|--------------------------------------------------------------------------------------------------------------------|------|
| Wall hook bracket<br>           | 1    |
| Remote control<br>              | 1    |
| Battery<br>                     | 2    |
| Remote control holder<br>       | 1    |
| Drain hose insulation<br>     | 1    |
| Cloth tape<br>                | 1    |
| Tapping screw (big)<br>       | 8    |
| Tapping screw (small)<br>     | 2    |
| Air cleaning filter<br>       | 2    |
| Air cleaning filter frame<br> | 2    |

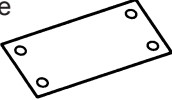
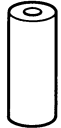
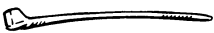
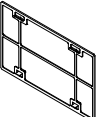
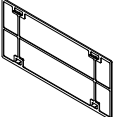
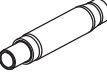
**INDOOR UNIT  
COMPACT CASSETTE  
AUAG09, 12, 14, 18LVLA**

| Name and Shape                                                                                                    | Q'ty | Application                                          |
|-------------------------------------------------------------------------------------------------------------------|------|------------------------------------------------------|
| Coupler heat insulation (Large)  | 1    | For indoor side pipe joint (Gas pipe)                |
| Coupler heat insulation (Small)  | 1    | For indoor side pipe joint (Liquid pipe)             |
| Special nut A (Large flange)     | 4    | For installing indoor unit                           |
| Special nut B (Small flange)     | 4    | For installing indoor unit                           |
| Template (Carton top)            | 1    | For ceiling openings cutting<br>Also used as packing |
| Drain hose                       | 1    | For installing drain pipe                            |
| Hose Band                      | 1    | For installing drain hose                            |
| Drain hose insulation          | 1    | For installing drain pipe                            |
| Remote control                 | 1    | For air conditioner operation                        |
| Battery                        | 2    | For remote control                                   |
| Remote control holder          | 1    | For installing the remote control                    |
| Tapping screw (M3 × 12mm)      | 2    | For mounting the remote control holder               |
| Binder                         | 2    | For electrical wiring                                |
| Wire clammer                   | 1    | For electrical wiring                                |

**DECORATION PANEL  
UTG-UFYD-W**

| Name and Shape                                                                                                         | Q'ty | Application                                         |
|------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------------------------|
| Connector cover                     | 1    | For covering connector                              |
| Tapping Screw (M5 × 12 mm)          | 4    | For mounting decoration panel                       |
| Tapping Screw (M4 × 12 mm)          | 1    | For mounting connector cover                        |
| L angle                             | 2    | For mounting the hook wire to the decoration panel  |
| Hook wire                            | 2    | For suspending the Decoration panel                 |
| Screw (pitch small) (M4 × 10 mm)   | 2    | For mounting the hook wire (for metals)             |
| Screw (pitch large) (M4 × 10 mm)  | 4    | For mounting the L angle and hook wire (for resins) |

INDOOR UNIT  
SLIM DUCT  
ARAG09LLLA  
ARAG12LLLA  
ARAG14LLLA  
ARAG18LLLA  
ARAG24LLLA

| Name and Shape                                                                                                       | Q'ty        | Application                                            |
|----------------------------------------------------------------------------------------------------------------------|-------------|--------------------------------------------------------|
| Installation template<br>           | 1           | For positioning the indoor unit                        |
| Washer<br>                          | 8           | For installing indoor unit                             |
| Coupler heat insulation (Large)<br> | 1           | For indoor side pipe joint (Large pipe)                |
| Coupler heat insulation (Small)<br> | 1           | For indoor side pipe joint (Small pipe)                |
| Binder<br>                          | Medium<br>3 | For power supply and remote control cable binding.     |
|                                                                                                                      | Large<br>4  | For fixing the coupler heat insulation.                |
| Filter (Small)<br>                 | 2           | (ARAG09LLLA<br>ARAG12LLLA<br>ARAG14LLLA<br>ARAG24LLLA) |
| Filter (Big)<br>                  | 2           | (ARAG18LLLA)                                           |
|                                                                                                                      | 1           | (ARAG24LLLA)                                           |
| Drain hose<br>                    | 1           | For installing drain pipe VP25 (O.D.32 I.D.26)         |
| Hose band<br>                     | 1           | For installing drain hose                              |
| Drain hose insulation B<br>       | 1           | Insulates the drain hose                               |
| Wired remote control<br>          | 1           |                                                        |
| Remote control cable<br>          | 1           | For connecting the remote control                      |
| Tapping screw (M4 × 16 mm)<br>    | 2           | For installing the remote control                      |

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