

# SERVICE MANUAL



| Models | Indoor unit | Outdoor unit |
|--------|-------------|--------------|
|        | RC-12FA     | ROD-12FA     |
|        | RC-12UA     | ROD-12UA     |
|        | RC-14FA     | ROD-14FA     |
|        | RC-14UA     | ROD-14UA     |

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# S P E C I F I C A T I O N S

|                  |      |          |             |
|------------------|------|----------|-------------|
| TYPE             |      | COOL     | COOL & HEAT |
| INDOOR UNIT      |      | RC-12FA  | RC-12UA     |
| OUTDOOR UNIT     |      | ROD-12FA | ROD-12UA    |
| COOLING CAPACITY | (kW) | 3.60     | 3.55        |
| HEATING CAPACITY | (kW) | —        | 4.00        |

## ELECTRICAL DATA

|                    |         |         |      |
|--------------------|---------|---------|------|
| POWER SOURCE       | (V)     | 230     |      |
| FREQUENCY          | (Hz)    | 50      |      |
| RUNNING CURRENT    | (A)     | COOLING | 5.5  |
|                    |         | HEATING | —    |
| INPUT WATTS        | (kW)    | COOLING | 1.24 |
|                    |         | HEATING | —    |
| E.E.R.             | (kW/kW) | COOLING | 2.90 |
|                    |         | HEATING | —    |
| STARTING CURRENT   | (A)     | 30      | 30   |
| MOISTURE REMOVAL   | (ℓ /hr) | 1.3     | 1.3  |
| AIR CIRCULATION-HI | (m³/hr) | 550     | 550  |

## COMPRESSOR

|                     |                       |     |     |
|---------------------|-----------------------|-----|-----|
| TYPE                | Hermetic type, Rotary |     |     |
| DISCRIMINATION      | 802 354 35(B)         |     |     |
| POWER SOURCE        | 230V 50Hz             |     |     |
| REFRIGERANT (R410A) | (g)                   | 800 | 850 |

## FAN MOTOR

|              |                    |           |            |
|--------------|--------------------|-----------|------------|
| POWER SOURCE | (V)                | 230       |            |
| INDOOR UNIT  | DISCRIMINATION     | MFA-14GTT | MFA-14GTCT |
|              | HI-SPEED (r.p.m.)  | 750       | 730        |
|              | MED-SPEED (r.p.m.) | 670       | 670        |
|              | LO-SPEED (r.p.m.)  | 590       | 590        |
| OUTDOOR UNIT | DISCRIMINATION     | MFB-14VTT | MFB-14NTT  |
|              | HI / LO (r.p.m.)   | 740       | 740 / 440  |

## DIMENSIONS

|              |           |      |                     |
|--------------|-----------|------|---------------------|
| INDOOR UNIT  | H x W x D | (mm) | 235 x 580 x 580 +70 |
| OUTDOOR UNIT | H x W x D | (mm) | 530 x 750 x 250     |
| GRILLE       | H x W x D | (mm) | 35 x 650 x 650      |

## WEIGHT

|              |             |      |           |
|--------------|-------------|------|-----------|
| INDOOR UNIT  | GROSS / NET | (kg) | 23 / 18   |
| OUTDOOR UNIT | GROSS / NET | (kg) | 36 / 34   |
| GRILLE       | GROSS / NET | (kg) | 4.3 / 2.2 |

| MODELS              |                            |             |         | RC-12FA     | RC-12UA  |
|---------------------|----------------------------|-------------|---------|-------------|----------|
|                     |                            |             |         | ROD-12FA    | ROD-12UA |
| REFRIGERANT CIRCUIT | DISCHARGE PRESSURE         | kg/cm²G     | COOLING | 28.5        | 30.0     |
|                     |                            |             | HEATING | ————        | 28.0     |
|                     | SUCTION PRESSURE           | kg/cm²G     | COOLING | 8.5         | 9.0      |
|                     |                            |             | HEATING | ————        | 7.0      |
|                     | DISCHARGE TEMP.            | °C          | COOLING | 82          | 80       |
|                     |                            |             | HEATING | ————        | 78       |
|                     | REFRIG. PIPE LENGTH        |             | m       | 7.5         |          |
|                     | DISCHARGE AIR TEMP.        | °C          | COOLING | 13          |          |
|                     |                            |             | HEATING | ————        | 43       |
| CONDITION           | INDOOR ENTERING AIR TEMP.  | DB/WB °C    | COOLING | 27.0 / 19.0 |          |
|                     |                            |             | HEATING | 20.0 / —    |          |
|                     | OUTDOOR ENTERING AIR TEMP. | DB/WB °C    | COOLING | 35.0 / 24.0 |          |
|                     |                            |             | HEATING | 7.0 / 6.0   |          |
| PIPING              | PIPE DIA. SIZE             | LIQUID      | mm      | 6.35        |          |
|                     |                            | GAS         |         | 9.52        |          |
|                     | CONNECTION METHOD          |             |         | Flare       |          |
|                     | BETWEEN                    | HEIGHT      | m       | Max. 8      |          |
|                     |                            | PIPE LENGTH |         | Max. 20     |          |
| REFRIGERANT TYPE    |                            |             |         | R410A       |          |

#### NOISE LEVEL

|              |           |      |    |                   |
|--------------|-----------|------|----|-------------------|
| INDOOR UNIT  | HI-SPEED  | (dB) | 42 | COOL 42 / HEAT 43 |
|              | MED-SPEED | (dB) | 39 | COOL 39 / HEAT 40 |
|              | LO-SPEED  | (dB) | 36 | COOL 36 / HEAT 37 |
| OUTDOOR UNIT |           | (dB) | 49 | COOL 49 / HEAT 50 |

Note : Noise was measured in accordance with JIS standards, Japan.

#### REFRIGERANT CHARGE ( R410A )

|                         |             |          |      |      |
|-------------------------|-------------|----------|------|------|
| FULL CHARGE<br>AMOUNT   | PIPE LENGTH | 7.5 m    | 800g | 850g |
|                         |             | 10 m     | 825g | 875g |
|                         |             | 15 m     | 875g | 925g |
|                         |             | 20 m     | 925g | 975g |
| ADDITIONAL REFRIGERRANT |             | 10 g / m |      |      |

|                         |      |                 |                 |
|-------------------------|------|-----------------|-----------------|
| <b>TYPE</b>             |      | COOL            | COOL & HEAT     |
| <b>INDOOR UNIT</b>      |      | <b>RC-14FA</b>  | <b>RC-14UA</b>  |
| <b>OUTDOOR UNIT</b>     |      | <b>ROD-14FA</b> | <b>ROD-14UA</b> |
| <b>COOLING CAPACITY</b> | (kW) | 4.10            | 3.95            |
| <b>HEATING CAPACITY</b> | (kW) | —               | 4.60            |

#### ELECTRICAL DATA

|                           |         |         |      |
|---------------------------|---------|---------|------|
| <b>POWER SOURCE</b>       | (V)     | 230     |      |
| <b>FREQUENCY</b>          | (Hz)    | 50      |      |
| <b>RUNNING CURRENT</b>    | (A)     | COOLING | 6.3  |
|                           |         | HEATING | —    |
| <b>INPUT WATTS</b>        | (kW)    | COOLING | 1.39 |
|                           |         | HEATING | —    |
| <b>E.E.R.</b>             | (kW/kW) | COOLING | 2.95 |
|                           |         | HEATING | —    |
| <b>STARTING CURRENT</b>   | (A)     | 31      | 31   |
| <b>MOISTURE REMOVAL</b>   | (ℓ /hr) | 1.5     | 1.5  |
| <b>AIR CIRCULATION-HI</b> | (m³/hr) | 550     | 550  |

#### COMPRESSOR

|                            |                       |     |       |
|----------------------------|-----------------------|-----|-------|
| <b>TYPE</b>                | Hermetic type, Rotary |     |       |
| <b>DISCRIMINATION</b>      | 802 360 35(B)         |     |       |
| <b>POWER SOURCE</b>        | 230V 50Hz             |     |       |
| <b>REFRIGERANT (R410A)</b> | (g)                   | 900 | 1,000 |

#### FAN MOTOR

|                     |                           |           |            |
|---------------------|---------------------------|-----------|------------|
| <b>POWER SOURCE</b> | (V)                       | 230       |            |
| <b>INDOOR UNIT</b>  | <b>DISCRIMINATION</b>     | MFA-14GTT | MFA-14GTCT |
|                     | <b>HI-SPEED</b> (r.p.m.)  | 750       | 730        |
|                     | <b>MED-SPEED</b> (r.p.m.) | 670       | 670        |
|                     | <b>LO-SPEED</b> (r.p.m.)  | 590       | 590        |
| <b>OUTDOOR UNIT</b> | <b>DISCRIMINATION</b>     | MFB-14VTT | MFB-14NTT  |
|                     | <b>HI / LO</b> (r.p.m.)   | 740       | 740 / 440  |

#### DIMENSIONS

|                     |           |      |                     |
|---------------------|-----------|------|---------------------|
| <b>INDOOR UNIT</b>  | H x W x D | (mm) | 235 x 580 x 580 +70 |
| <b>OUTDOOR UNIT</b> | H x W x D | (mm) | 530 x 750 x 250     |
| <b>GRILLE</b>       | H x W x D | (mm) | 35 x 650 x 650      |

#### WEIGHT

|                     |             |      |           |
|---------------------|-------------|------|-----------|
| <b>INDOOR UNIT</b>  | GROSS / NET | (kg) | 23 / 18   |
| <b>OUTDOOR UNIT</b> | GROSS / NET | (kg) | 37 / 35   |
| <b>GRILLE</b>       | GROSS / NET | (kg) | 4.3 / 2.2 |

| MODELS              |                            |             |         | RC-14FA     | RC-14UA  |
|---------------------|----------------------------|-------------|---------|-------------|----------|
|                     |                            |             |         | ROD-14FA    | ROD-14UA |
| REFRIGERANT CIRCUIT | DISCHARGE PRESSURE         | kg/cm²G     | COOLING | 31.0        | 31.0     |
|                     |                            |             | HEATING | ————        | 31.0     |
|                     | SUCTION PRESSURE           | kg/cm²G     | COOLING | 9.0         | 9.0      |
|                     |                            |             | HEATING | ————        | 7.5      |
|                     | DISCHARGE TEMP.            | °C          | COOLING | 75          | 77       |
|                     |                            |             | HEATING | ————        | 77       |
|                     | REFRIG. PIPE LENGTH        |             | m       | 7.5         |          |
|                     | DISCHARGE AIR TEMP.        | °C          | COOLING | 12          |          |
|                     |                            |             | HEATING | ————        | 46       |
| CONDITION           | INDOOR ENTERING AIR TEMP.  | DB/WB °C    | COOLING | 27.0 / 19.0 |          |
|                     |                            |             | HEATING | 20.0 / —    |          |
|                     | OUTDOOR ENTERING AIR TEMP. | DB/WB °C    | COOLING | 35.0 / 24.0 |          |
|                     |                            |             | HEATING | 7.0 / 6.0   |          |
| PIPING              | PIPE DIA. SIZE             | LIQUID      | mm      | 6.35        |          |
|                     |                            | GAS         |         | 12.7        |          |
|                     | CONNECTION METHOD          |             |         | Flare       |          |
|                     | BETWEEN                    | HEIGHT      | m       | Max. 8      |          |
|                     |                            | PIPE LENGTH |         | Max. 20     |          |
| REFRIGERANT TYPE    |                            |             |         | R410A       |          |

## NOISE LEVEL

|              |           |      |    |                   |
|--------------|-----------|------|----|-------------------|
| INDOOR UNIT  | HI-SPEED  | (dB) | 42 | COOL 42 / HEAT 43 |
|              | MED-SPEED | (dB) | 39 | COOL 39 / HEAT 40 |
|              | LO-SPEED  | (dB) | 36 | COOL 36 / HEAT 37 |
| OUTDOOR UNIT |           | (dB) | 49 | COOL 49 / HEAT 50 |

Note : Noise was measured in accordance with JIS standards, Japan.

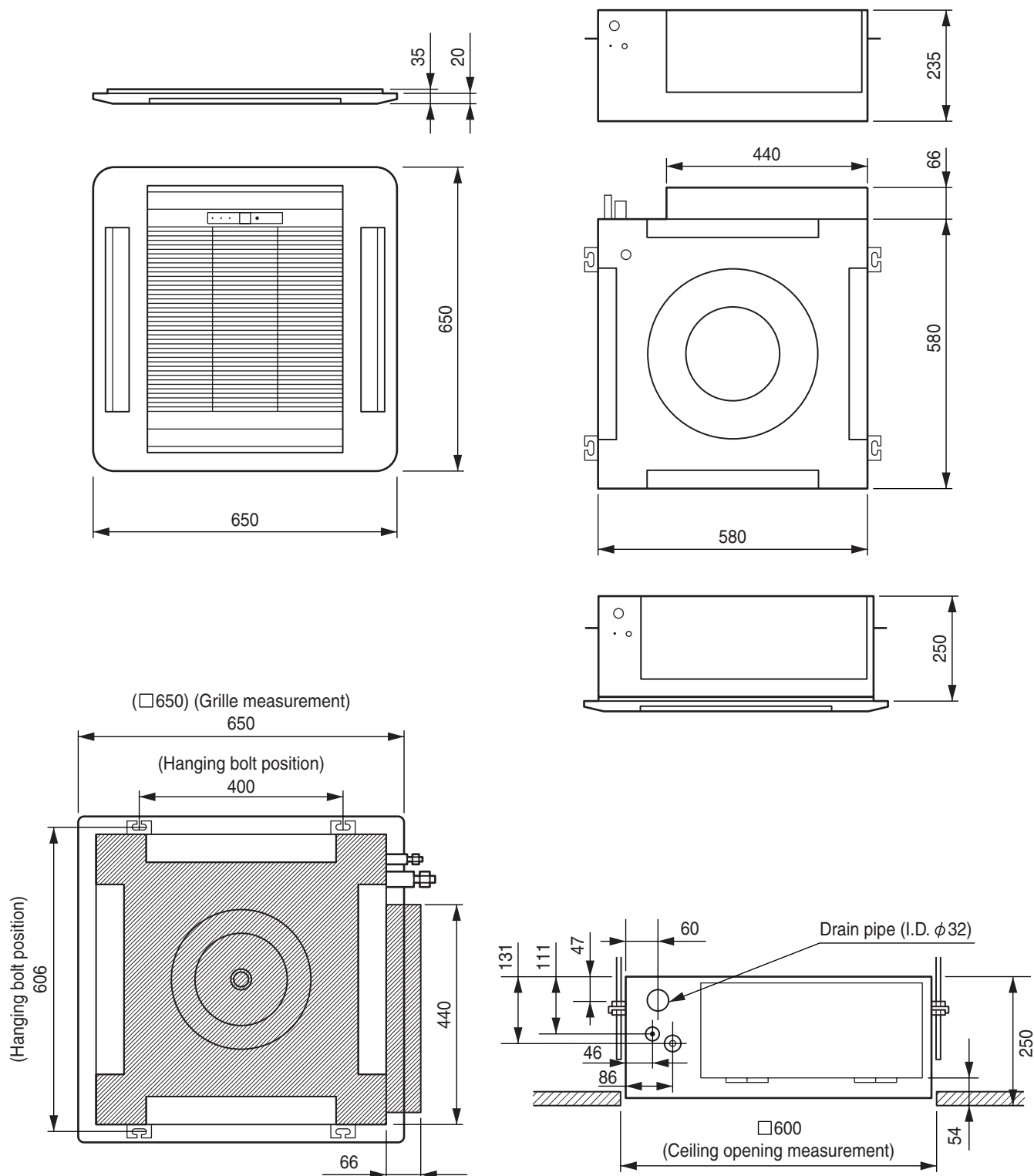
## REFRIGERANT CHARGE ( R410A )

|                         |             |          |        |        |
|-------------------------|-------------|----------|--------|--------|
| FULL CHARGE<br>AMOUNT   | PIPE LENGTH | 7.5 m    | 900g   | 1,000g |
|                         |             | 10 m     | 925g   | 1,025g |
|                         |             | 15 m     | 975g   | 1,075g |
|                         |             | 20 m     | 1,025g | 1,125g |
| ADDITIONAL REFRIGERRANT |             | 10 g / m |        |        |

## OUTLINE AND DIMENSIONS

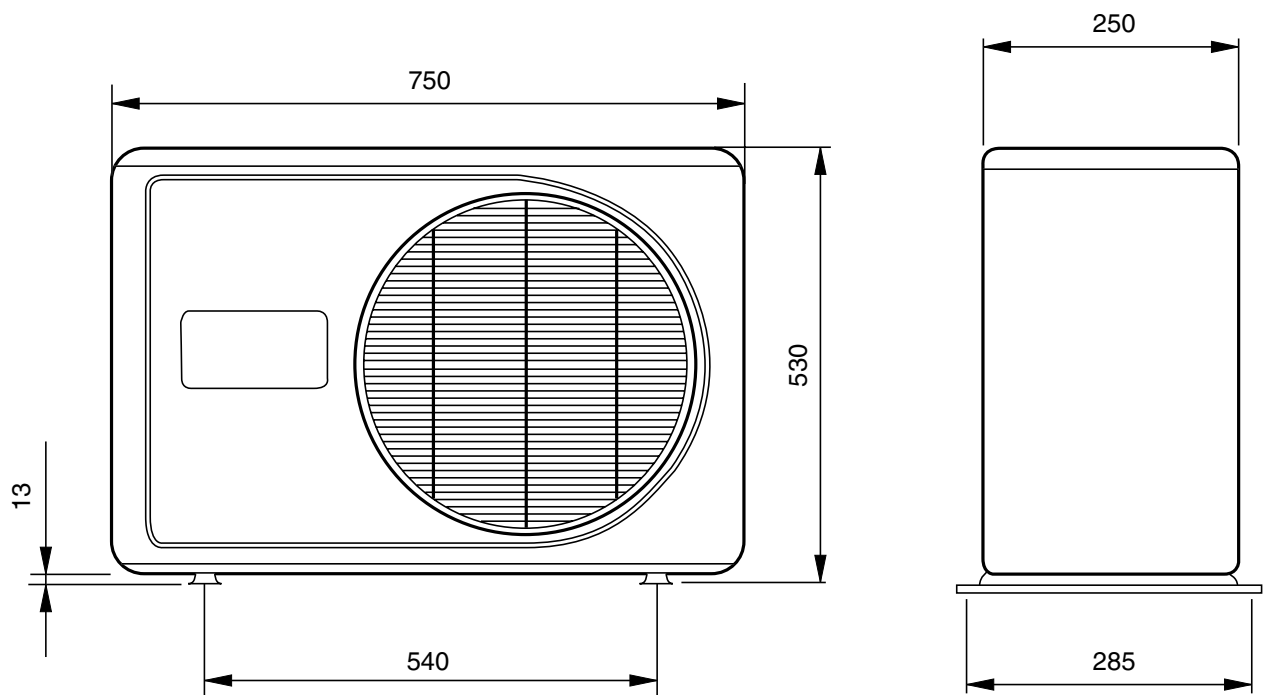
## INDOOR UNIT

(unit : mm)



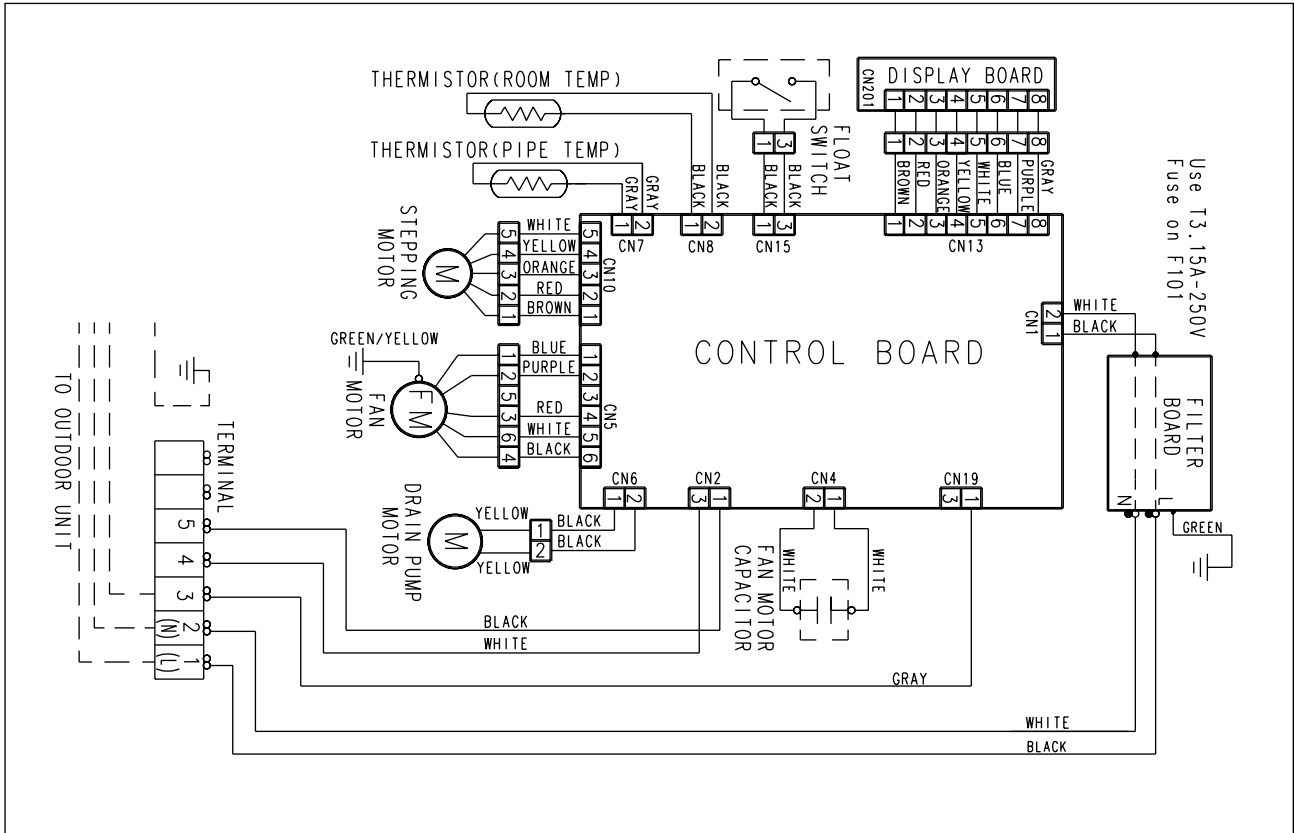
**OUTDOOR UNIT**

(unit : mm)

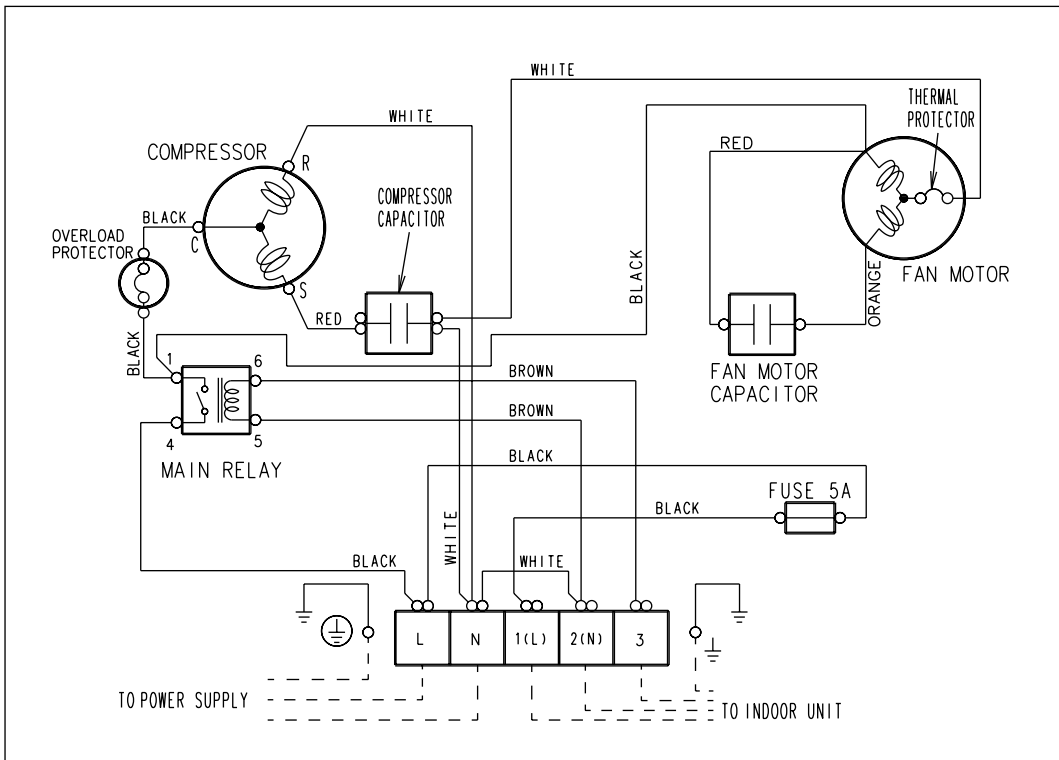


# CIRCUIT DIAGRAM

**Models : RC-12FA, RC-14FA**

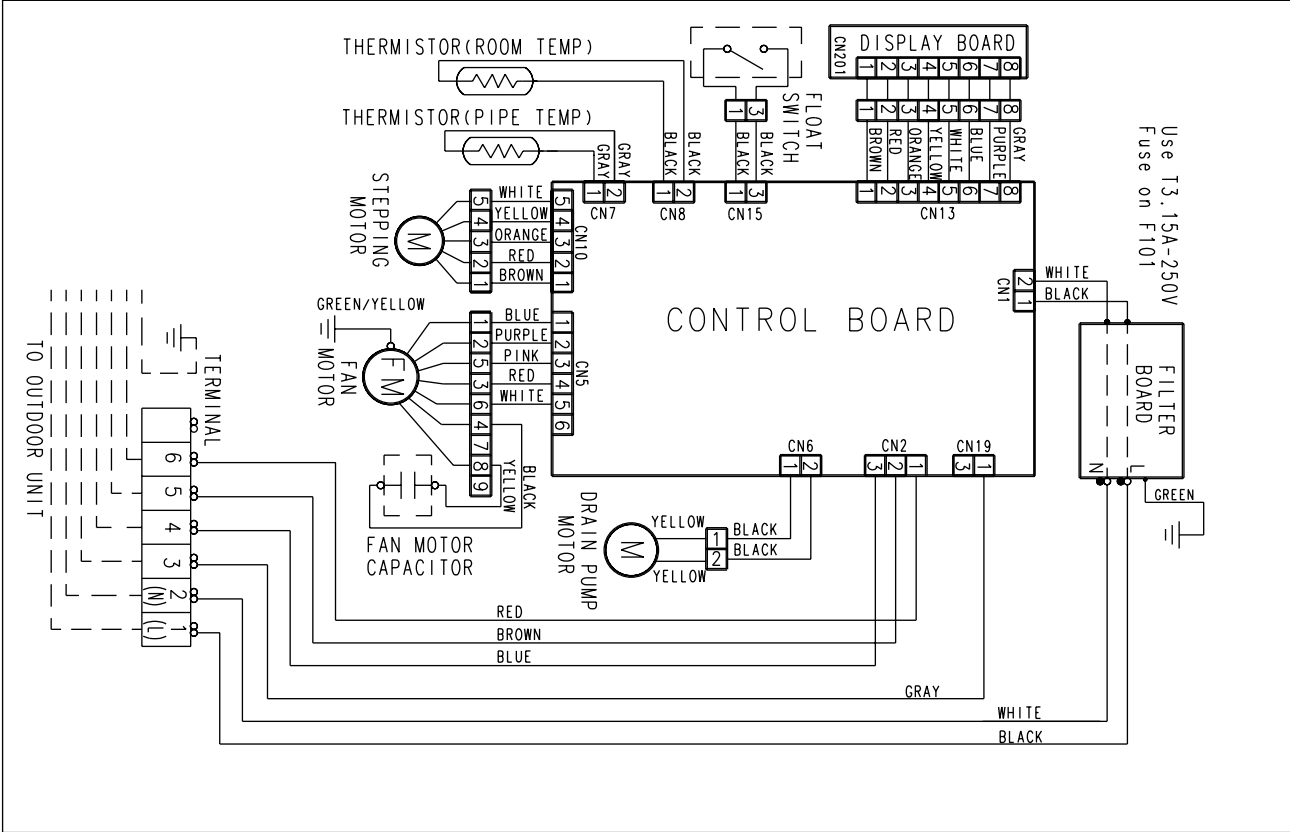


**Models : ROD-12FA, ROD-14FA**

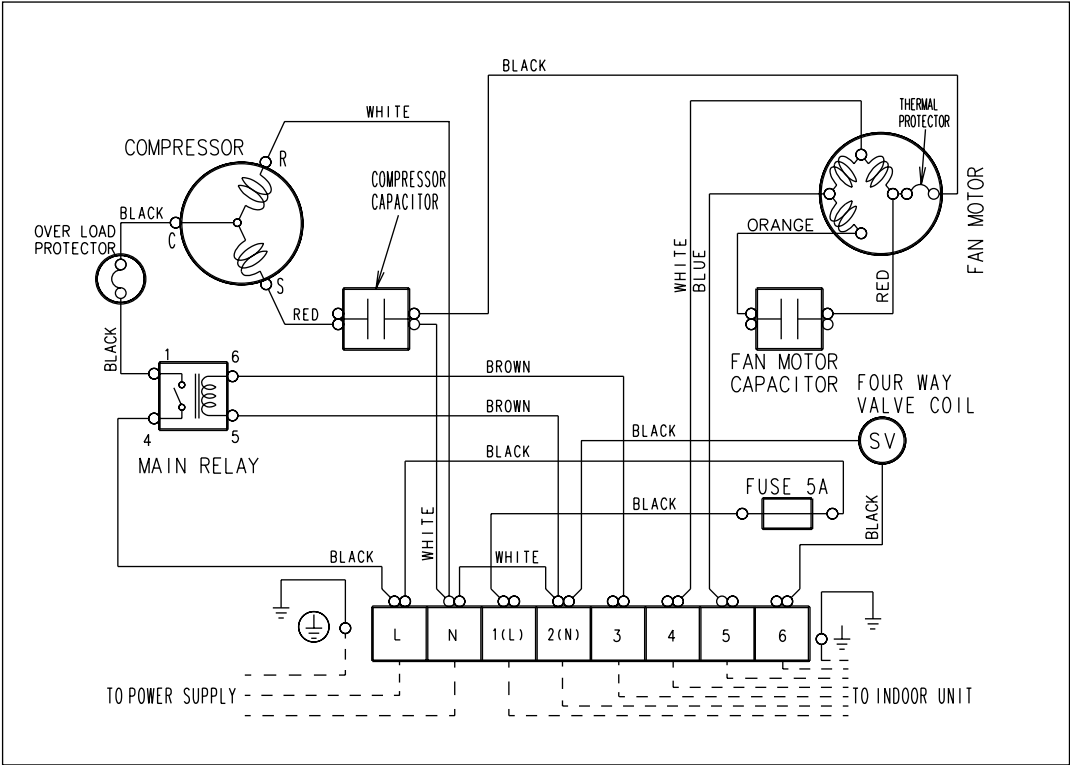




**Models : RC-12UA, RC-14UA**

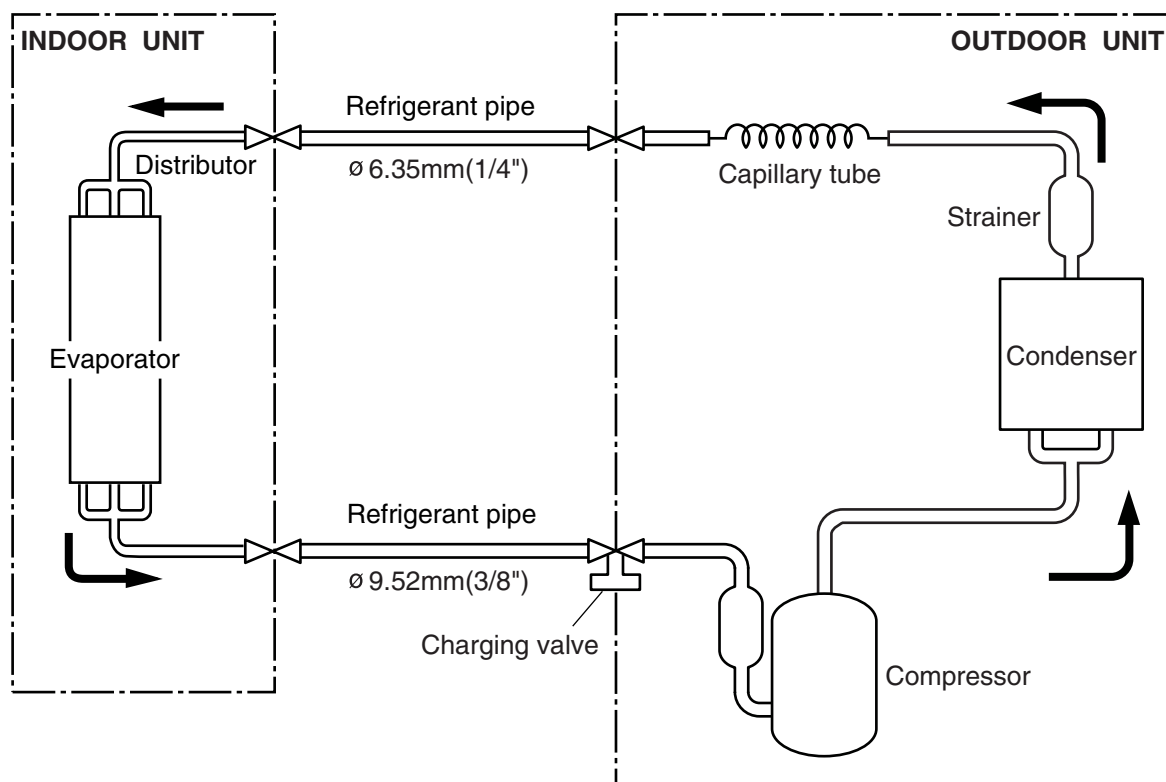


**Models : ROD-12UA, ROD-14UA**

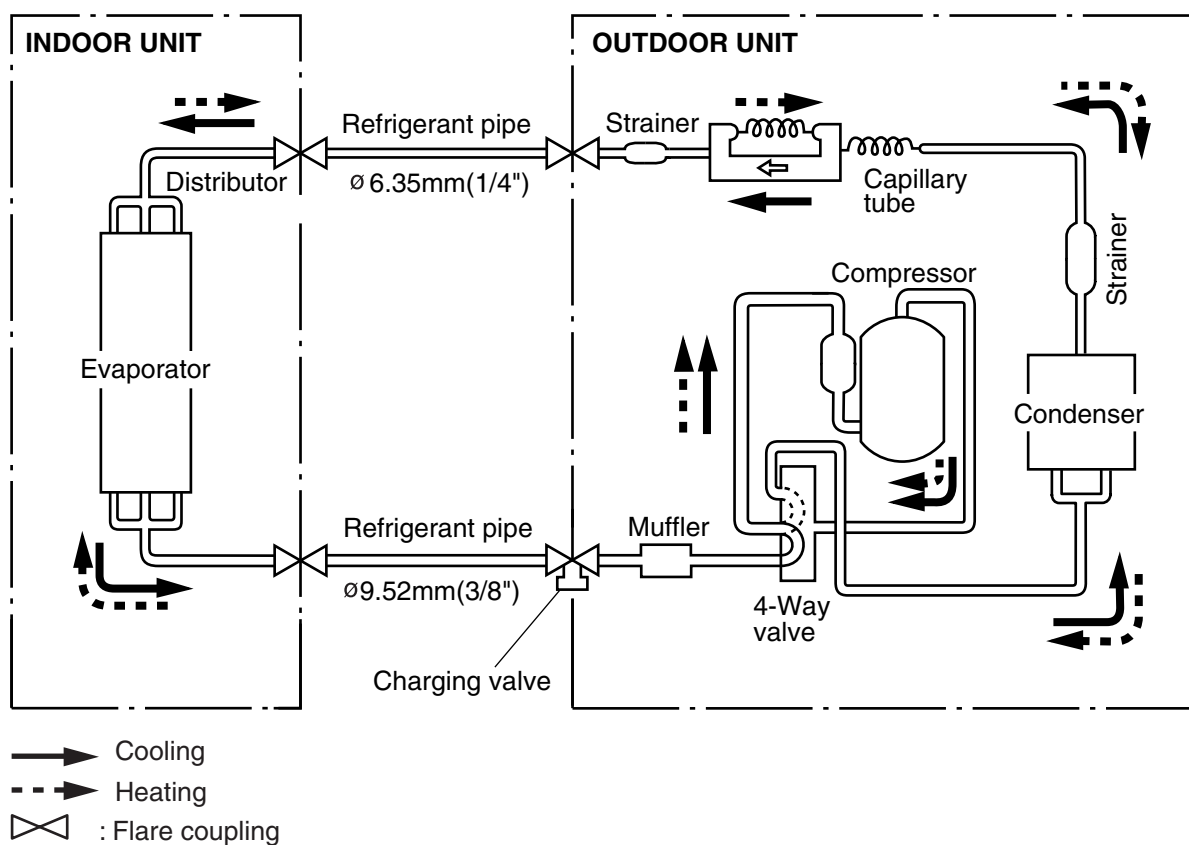


# REFRIGERANT SYSTEM DIAGRAM

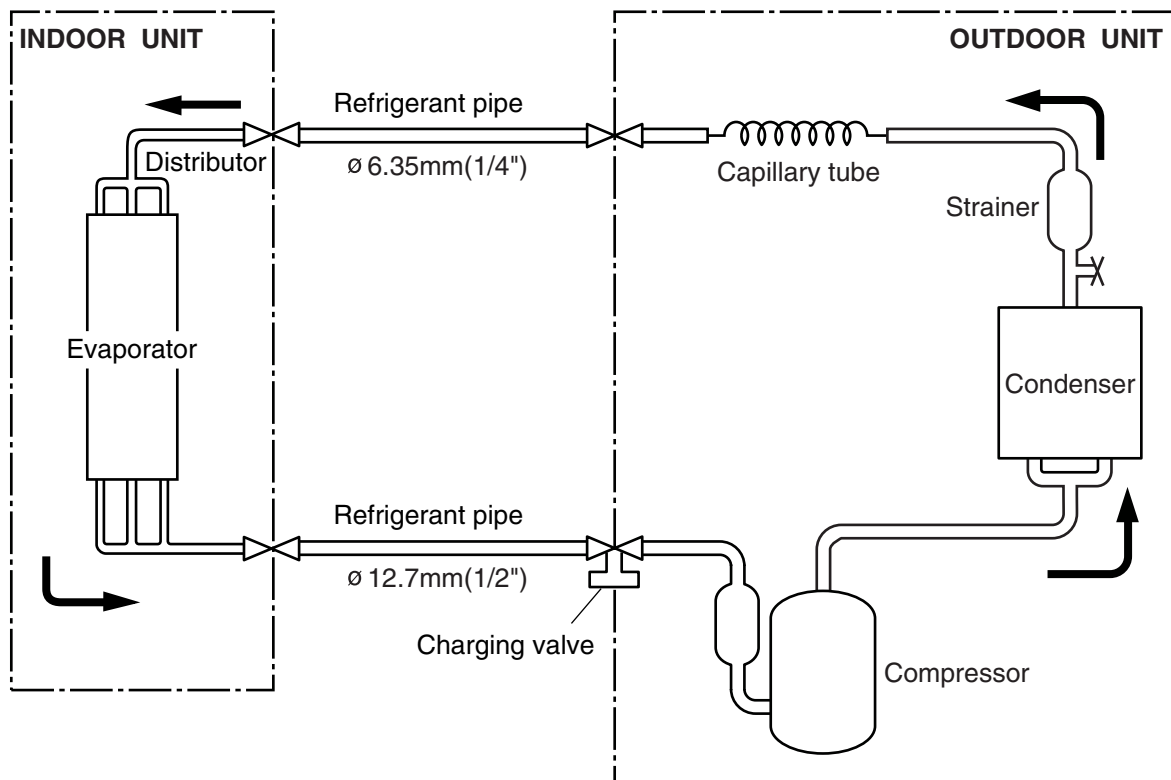
**Models : RC-12FA / ROD-12FA**



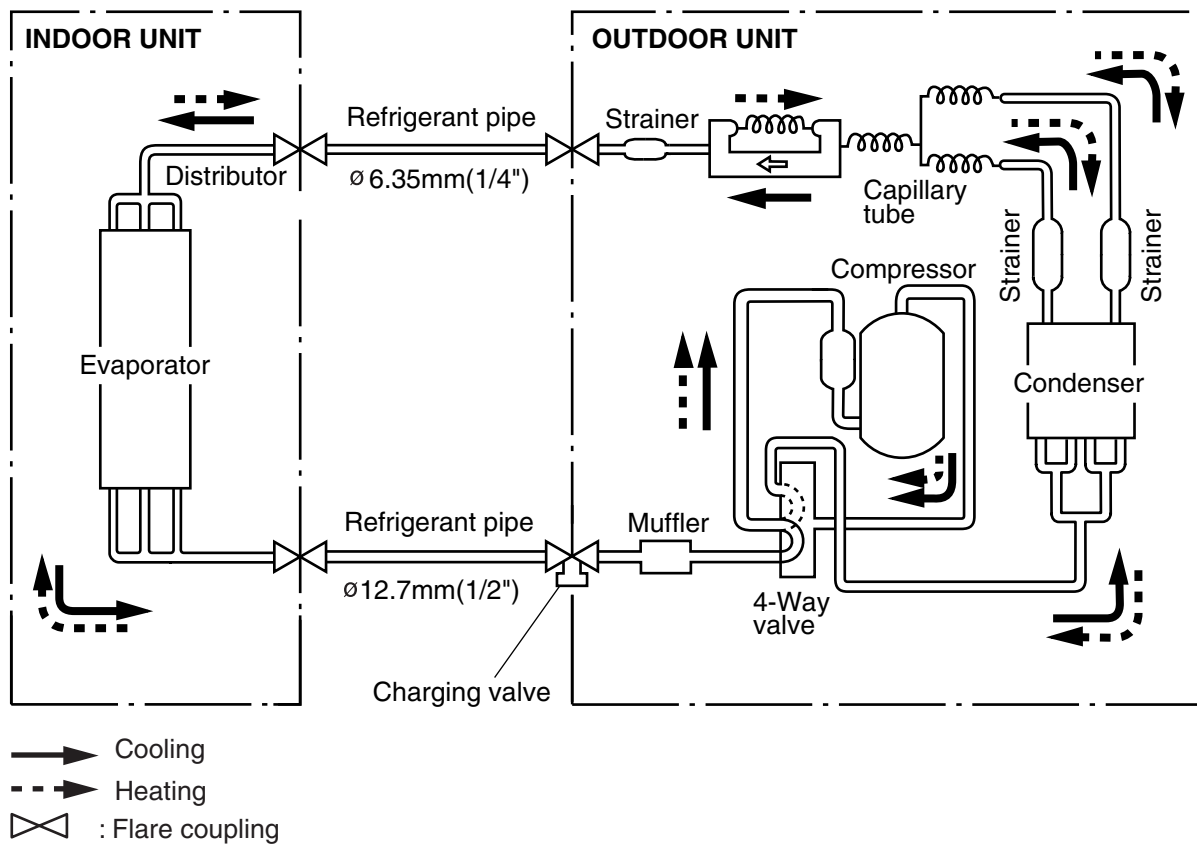
**Models : RC-12UA / ROD-12UA**



**Models : RC-14FA / ROD-14FA**

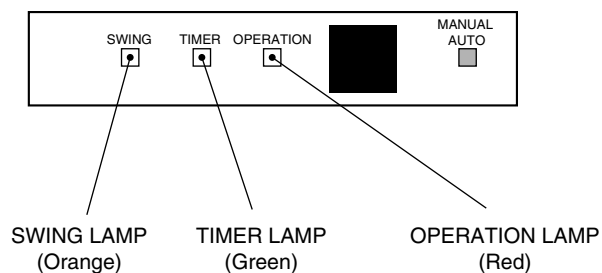


**Models : RC-14UA / ROD-14UA**



# ERROR CONTENTS

Operation can be checked by lighting and flashing of the grille display section OPERATION and TIMER lamps.  
Perform judgment in accordance with the following.



## TEST RUNNING

When the air conditioner is run by TEST RUN (use a metallic object to short the two metal contacts under the battery compartment lid), the OPERATION and TIMER lamps flash slowly at the same time.

## ERROR

The OPERATION, TIMER, and SWING lamps operate as follows (Table 1) according to the error contents.

Table 1

| Error display  |            |            | Error contents                                |
|----------------|------------|------------|-----------------------------------------------|
| OPERATION lamp | TIMER lamp | SWING lamp |                                               |
| Blinks         | Blinks     | Goes off   | Model information abnormal (permanent type)   |
| Pulses 4 times | Blinks     | Goes off   | Drain abnormal (permanent type)               |
| Pulses 6 times | Blinks     | Goes off   | Indoor fan abnormal                           |
| Pulses 2 times | Blinks     | Goes off   | Room air temperature thermistor open circuit  |
|                |            | Blinks     | Room air temperature thermistor short circuit |
| Pulses 3 times | Blinks     | Goes off   | Piping thermistor open circuit                |
|                |            | Blinks     | Piping thermistor short circuit               |

## CHECK ITEMS

### 1. INDOOR UNIT

- (1) Is operation of each button on the remote control unit normal?
- (2) Does each lamp light normally?
- (3) Do not air flow direction louvers operate normally?
- (4) Is the drain normal?
- (5) Is there any abnormal noise and vibration during operation?

### 2. OUTDOOR UNIT

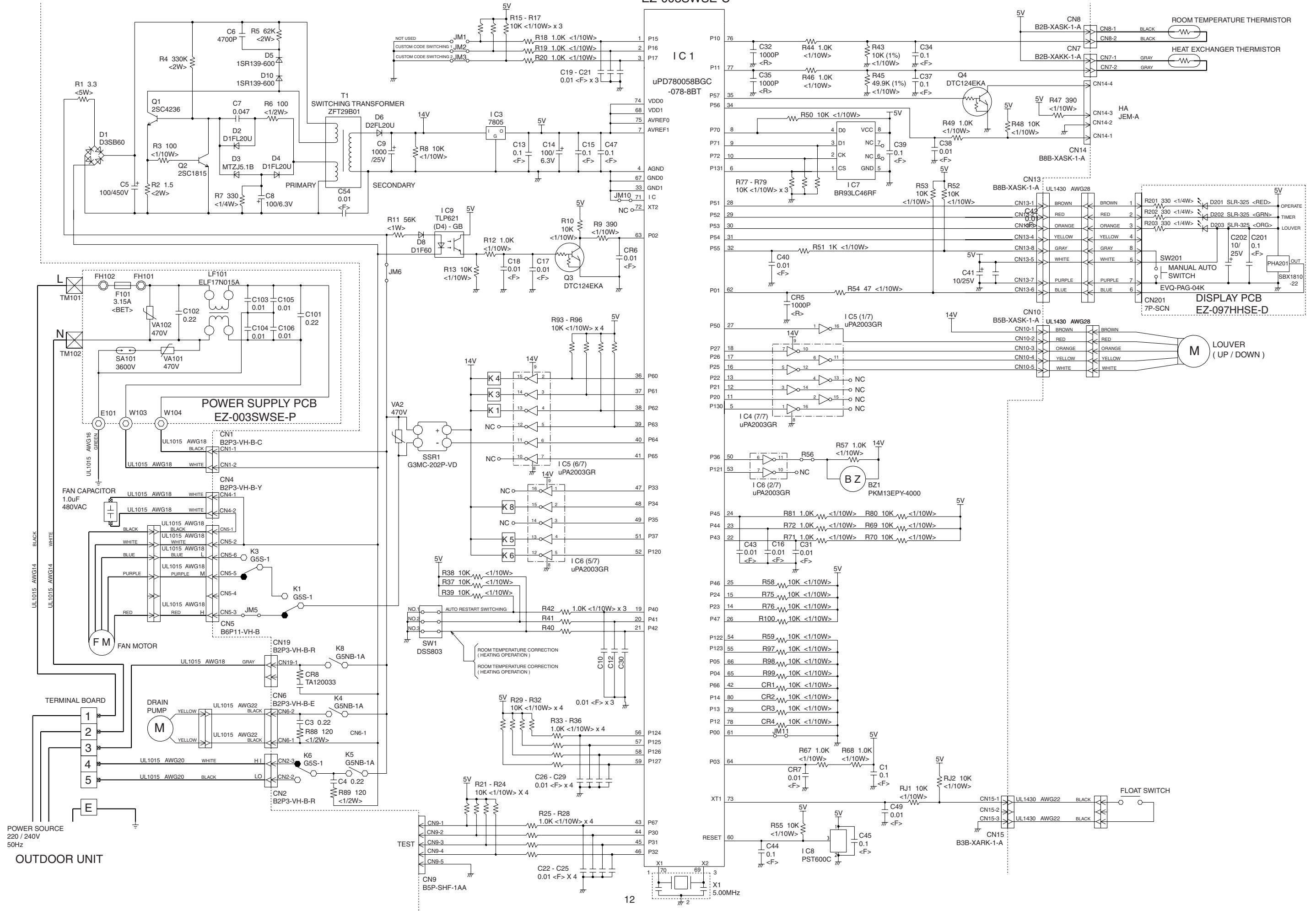
- (1) Is there any abnormal noise and vibration during operation?
- (2) Will noise, wind or drain water from the unit disturb the neighbors?
- (3) Is there any gas leakage?

Do not operate the air conditioner in the test running state for a long time.

# INDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM

Models : RC-12FA  
RC-14FA

## CONTROLLER PCB ASSEMBLY ( MAIN PCB ) EZ-003SWSE-C

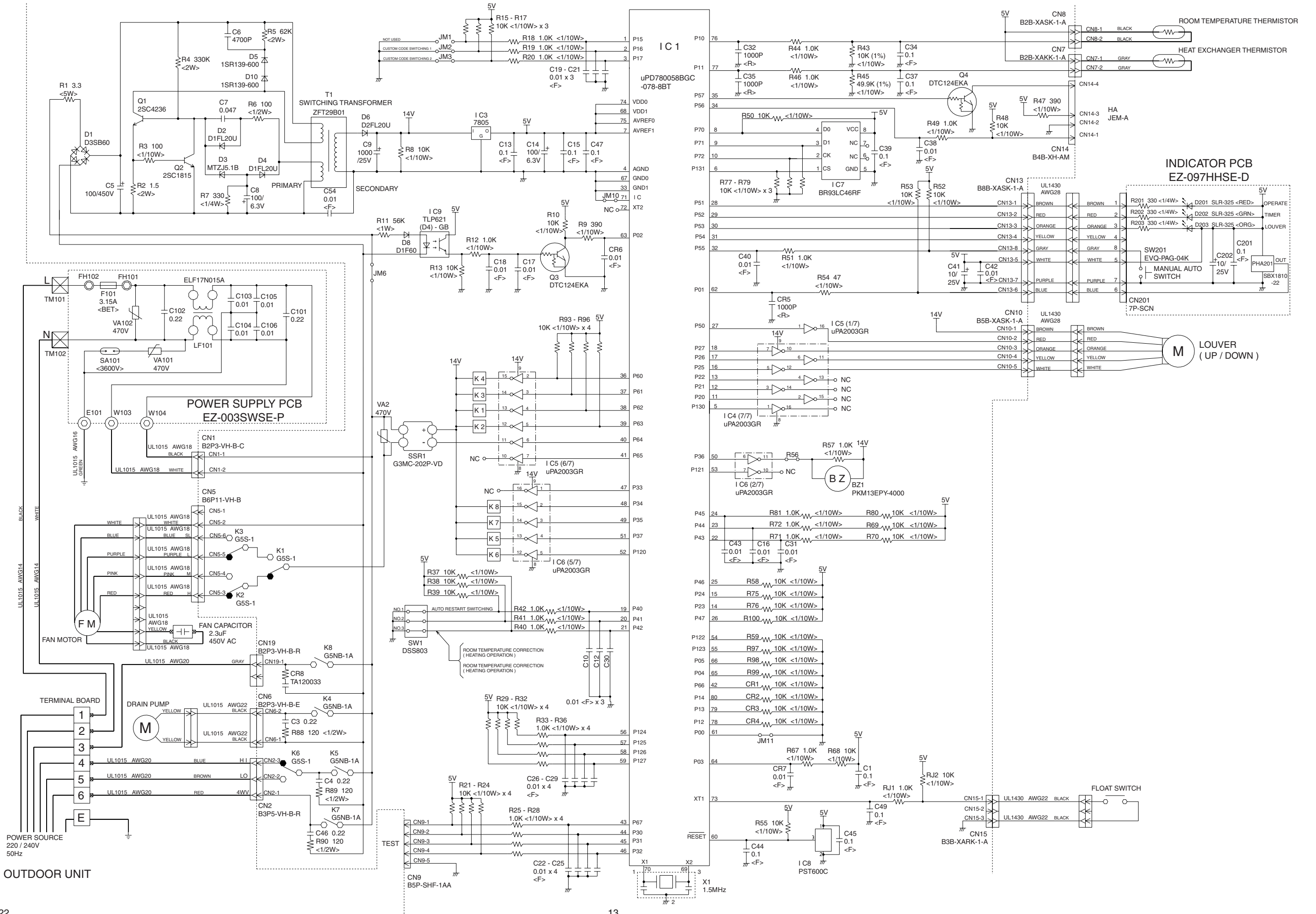


Models : RC-12UA  
RC-14UA

## CONTROLLER PCB ASSEMBLY ( MAIN PCB )

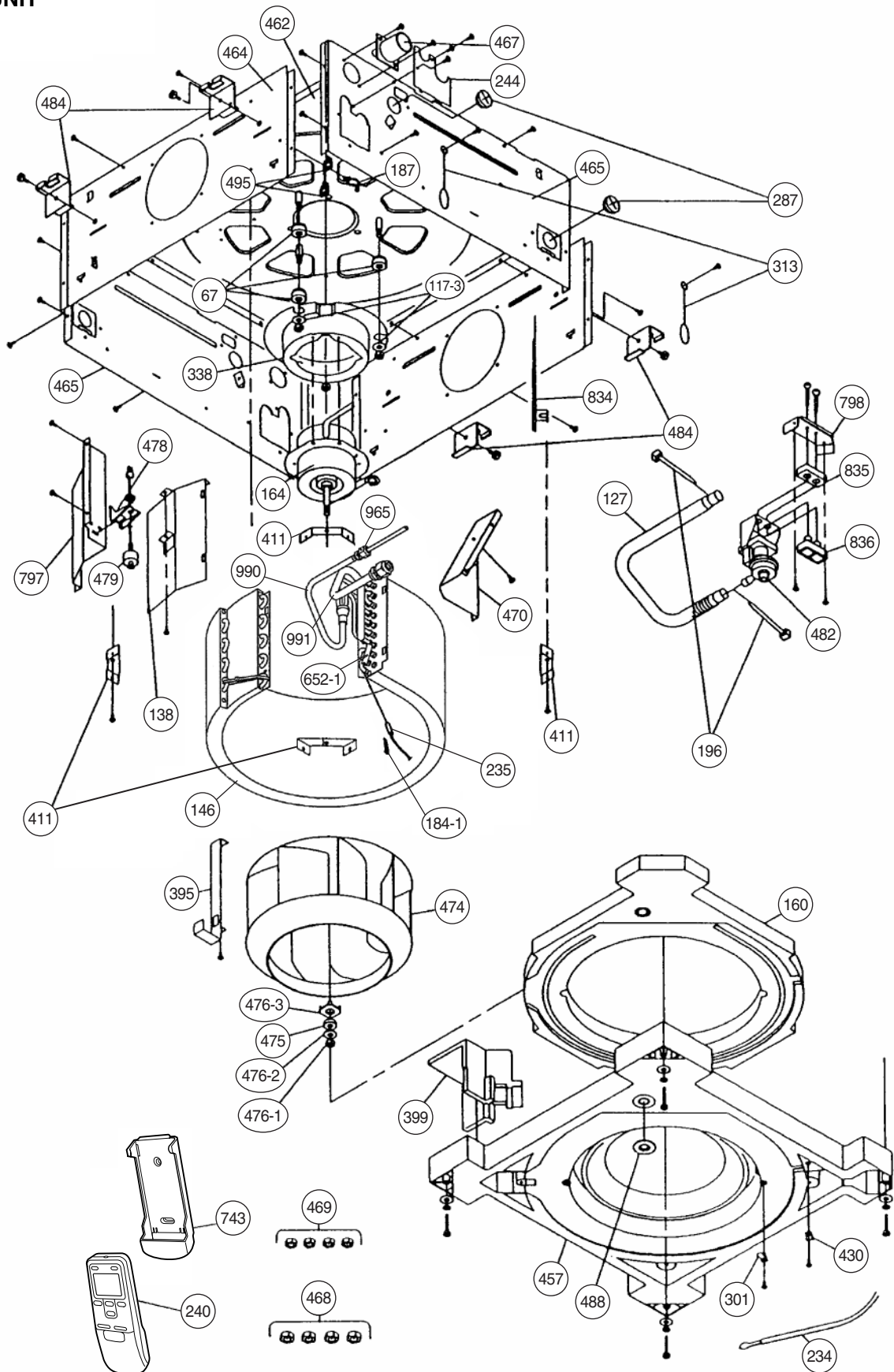
RC-12UA : EZ-00327HSE-C

RC-14UA : EZ-00306HSE-C



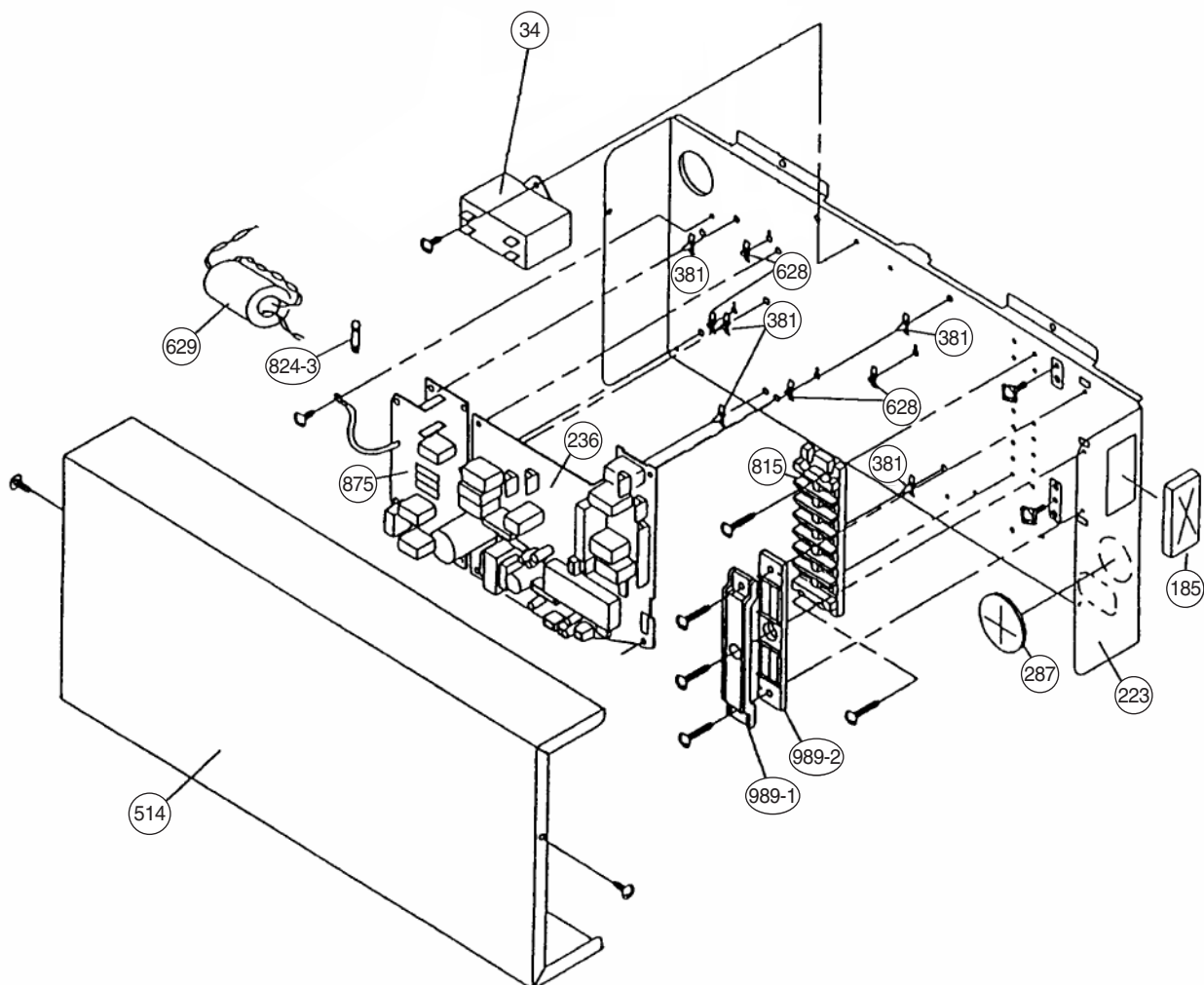
# DISASSEMBLY ILLUSTRATION

## INDOOR UNIT

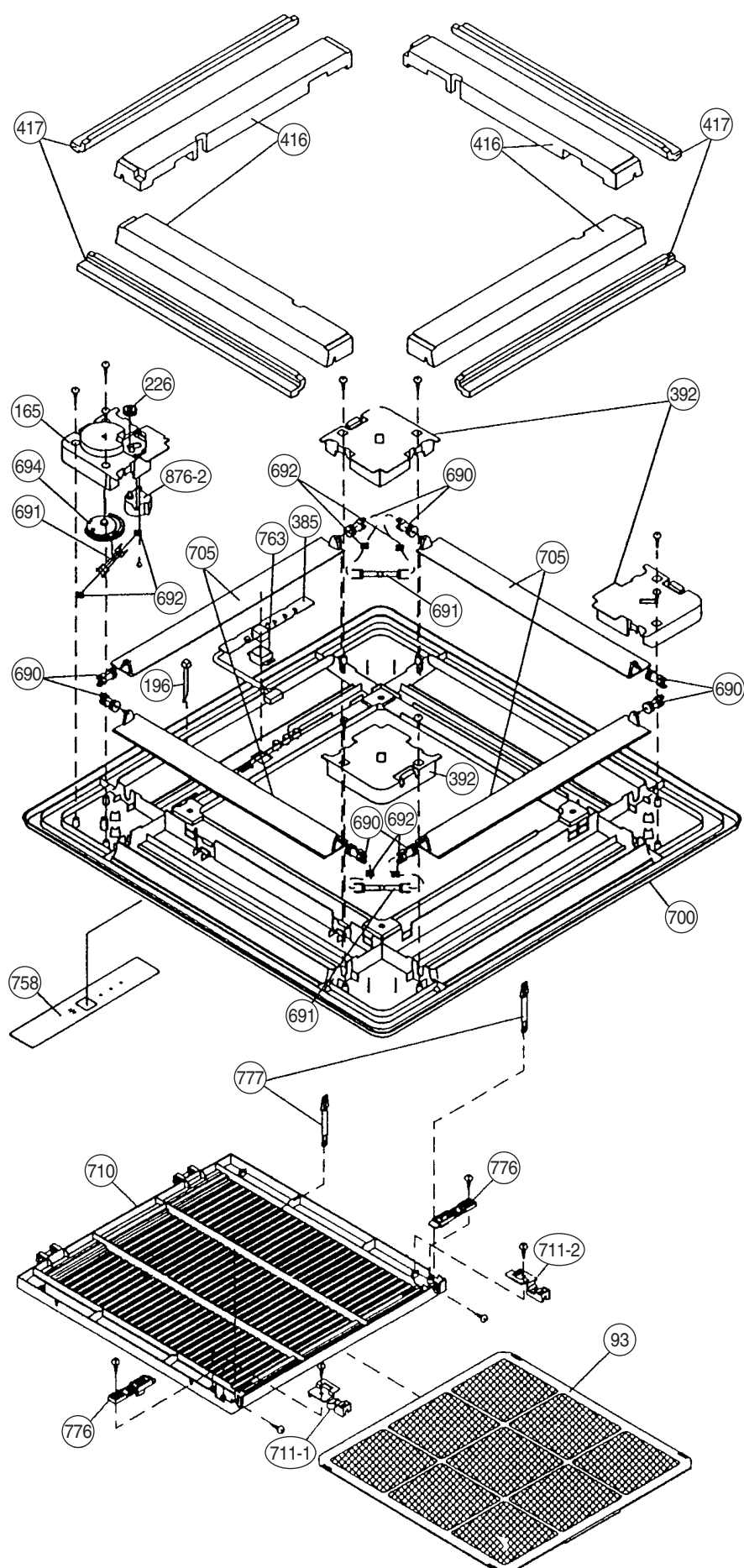




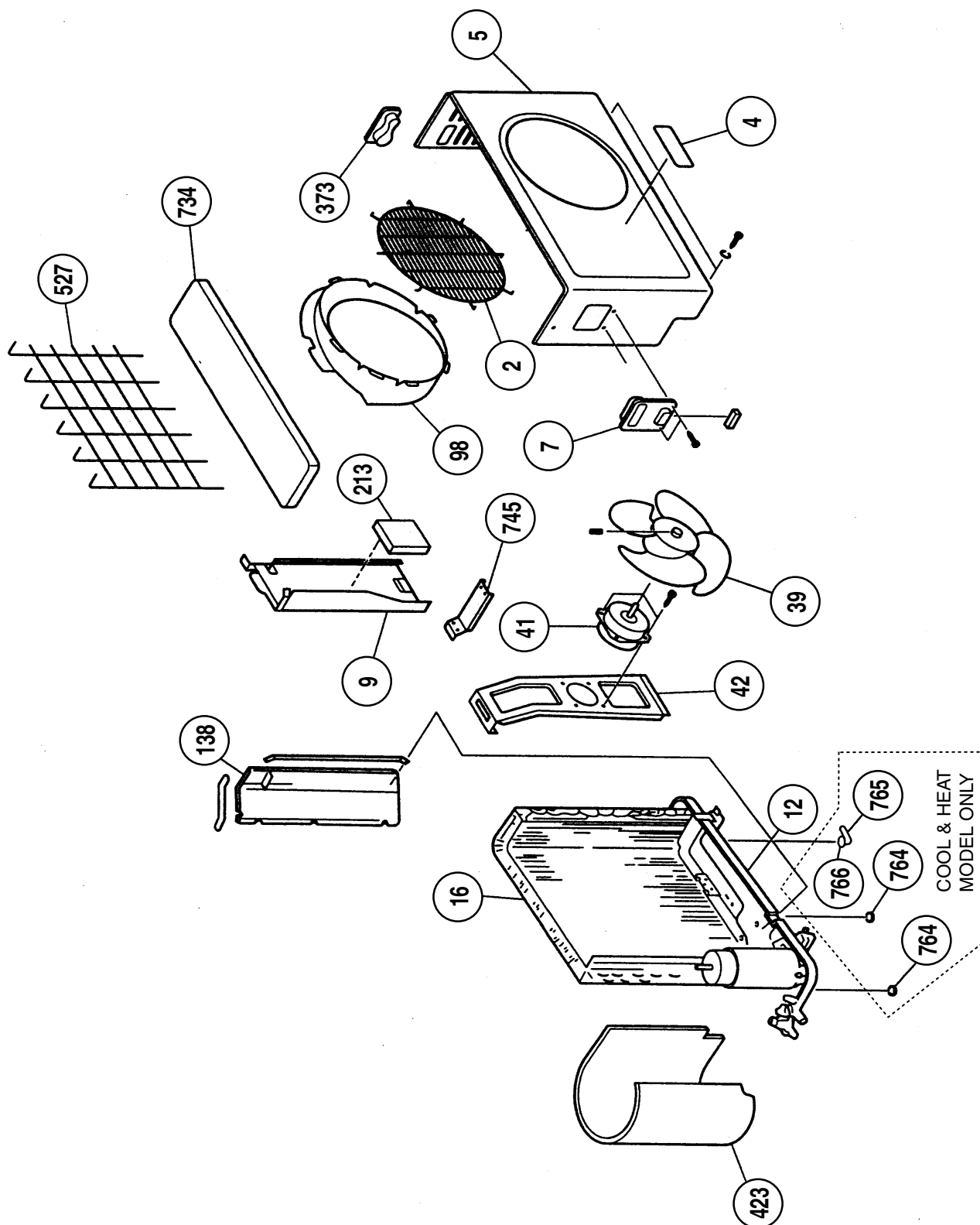
## INDOOR UNIT





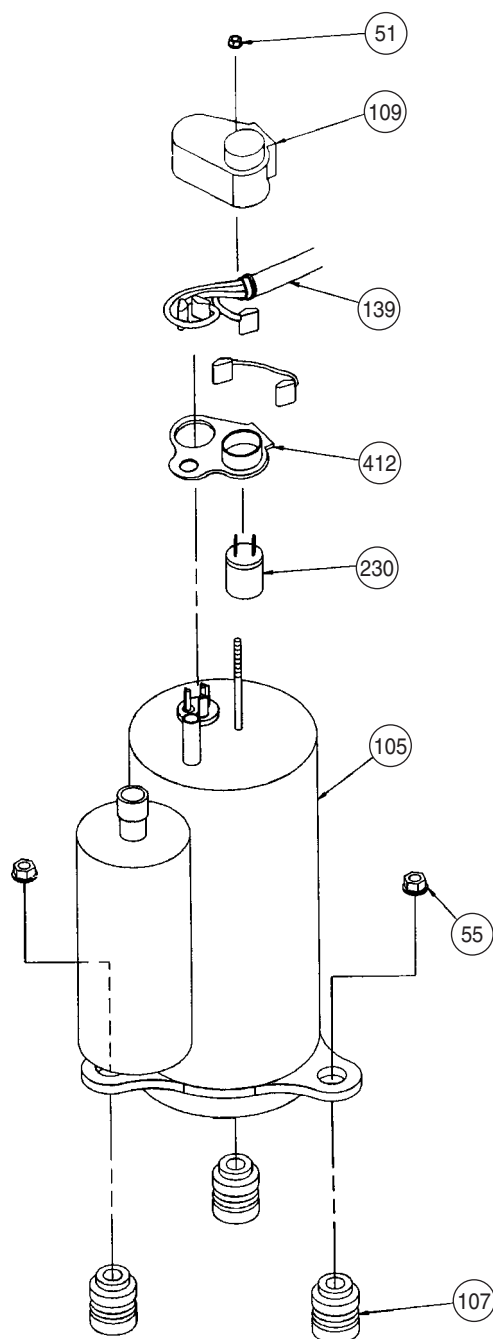


# OUTDOOR UNIT

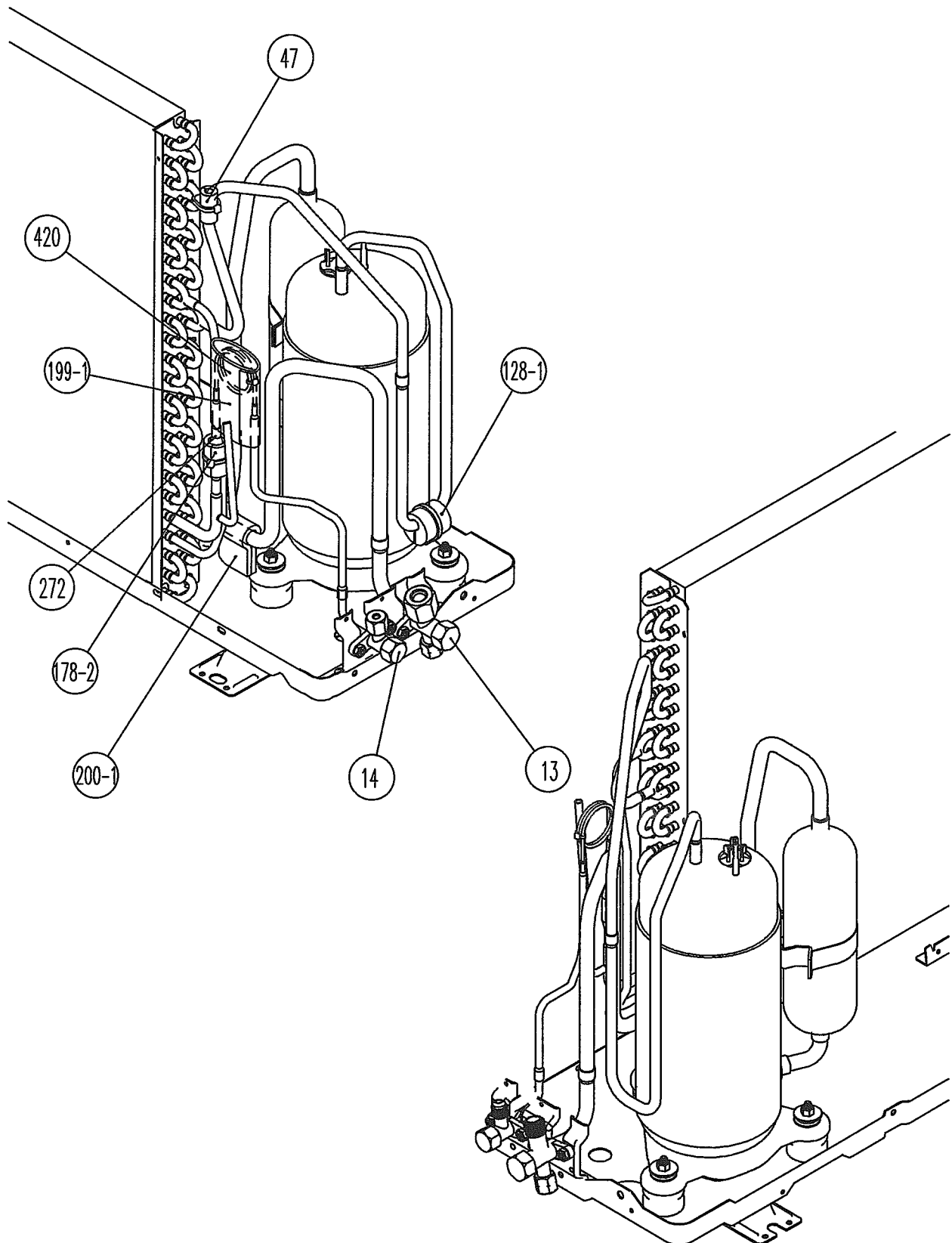


Models : ROD-12FA  
ROD-12UA  
ROD-14FA  
ROD-14UA

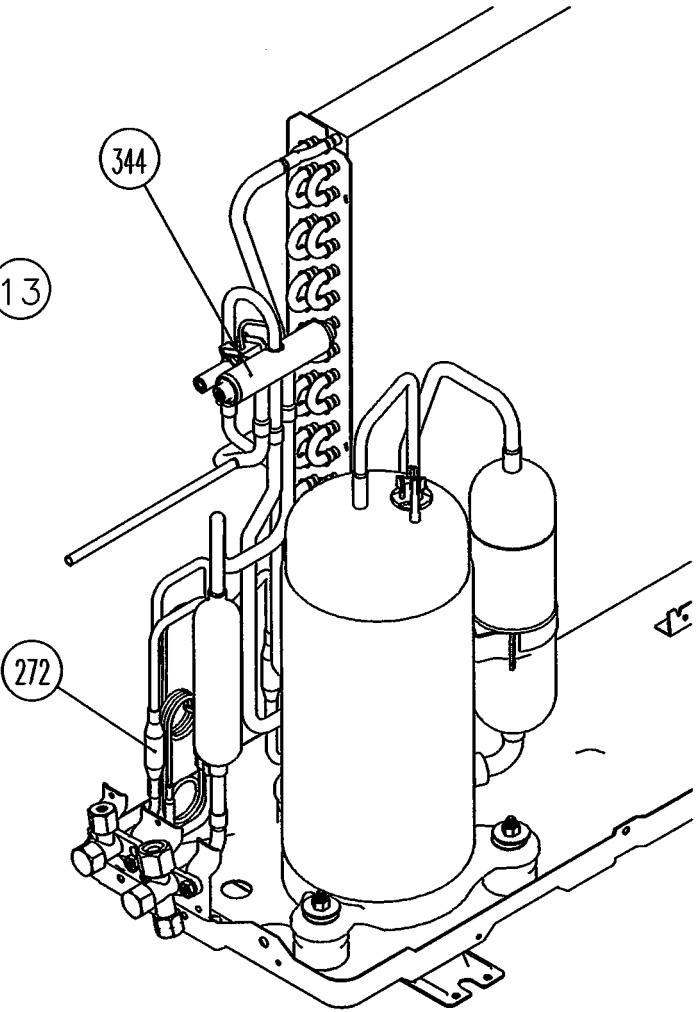
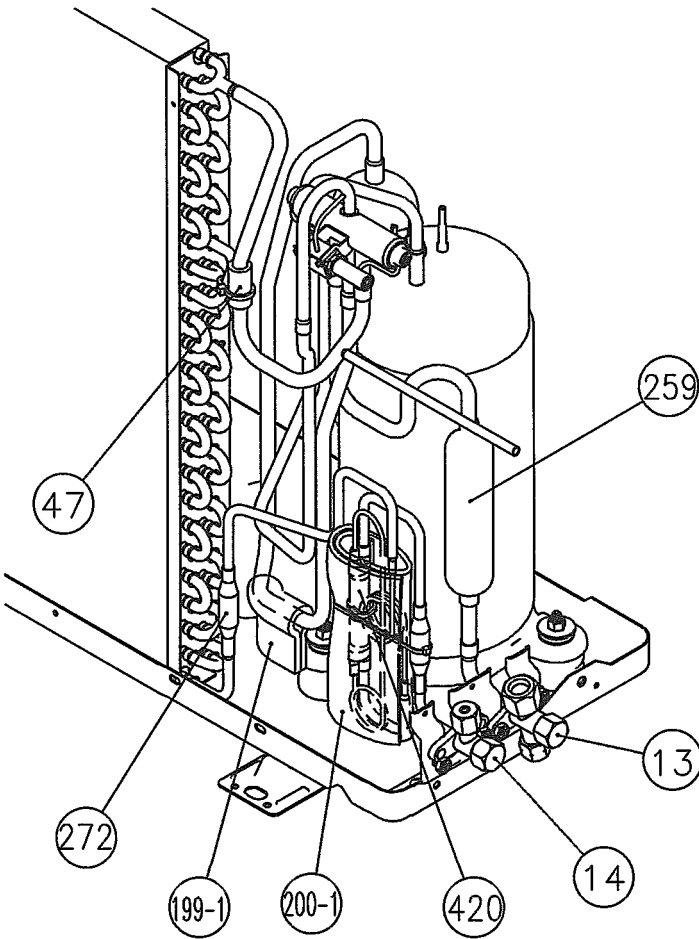
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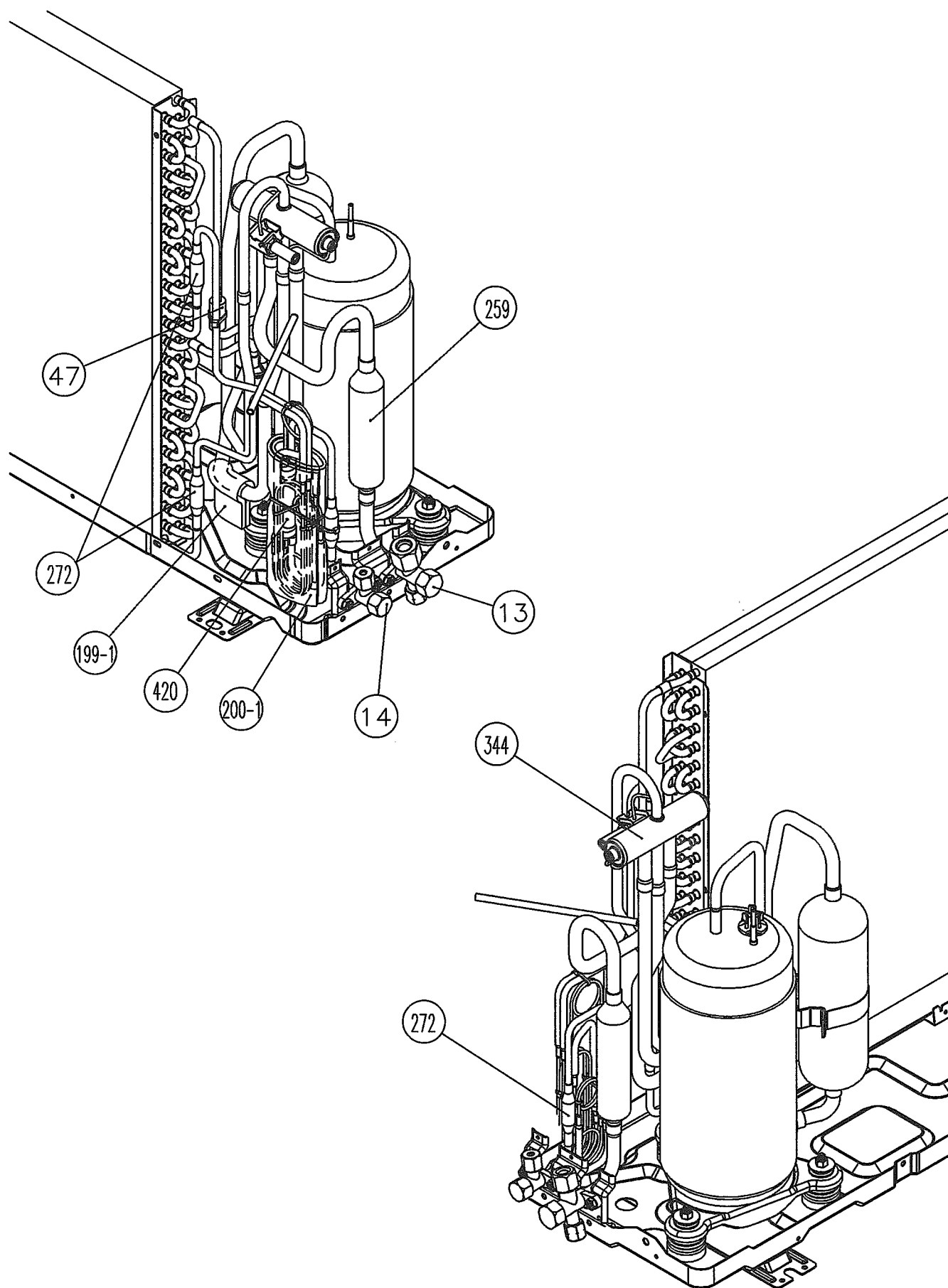


Models : ROD-12FA  
ROD-14FA



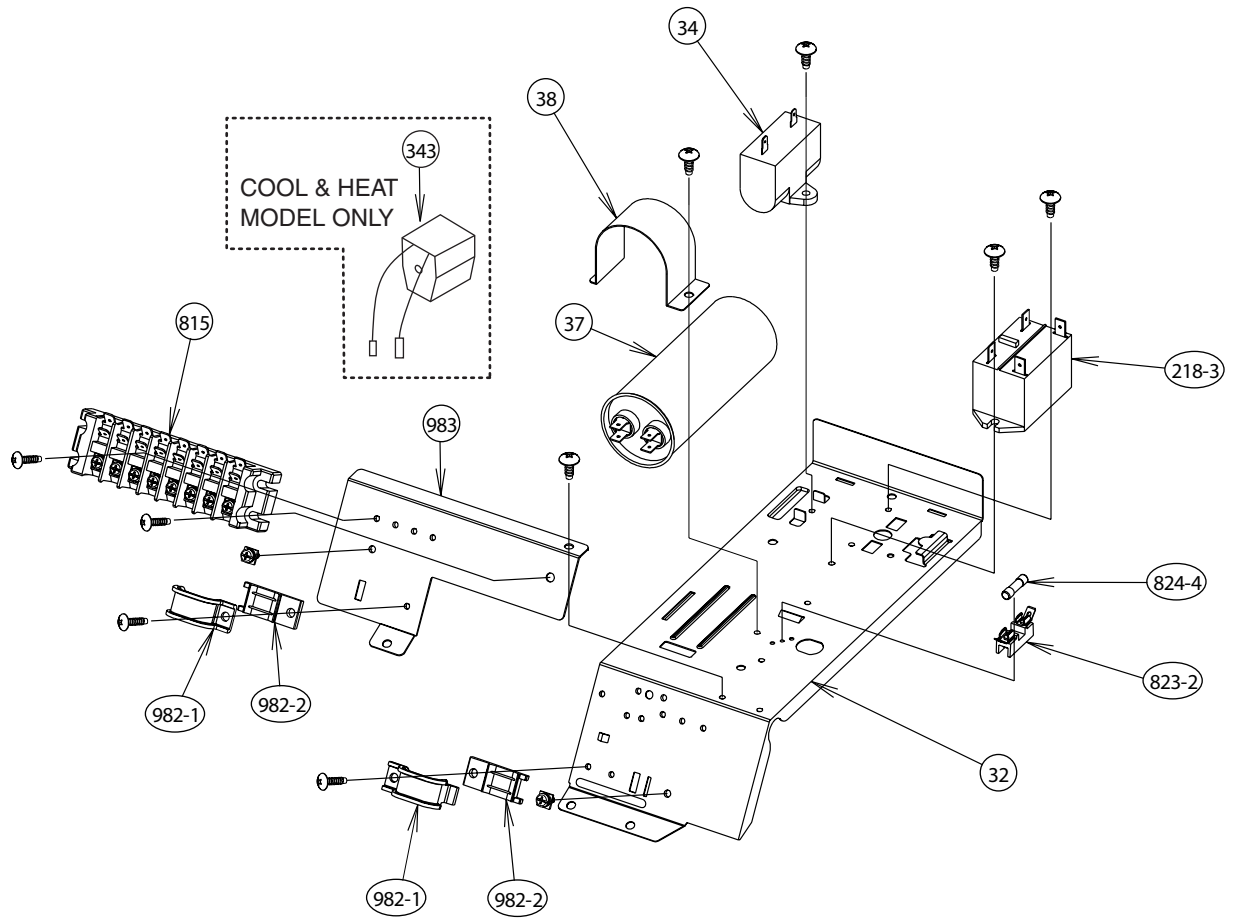
**Model : ROD-12UA**





Models : ROD-12FA  
ROD-12UA  
ROD-14FA  
ROD-14UA

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# PARTS LIST

## INDOOR UNIT

When you order parts, please make a photocopy of this page and fill the number of the parts in the "Order" column.

| Ref. No. | Description                | Part No.     |              |              |              | Ord. Q'ty |
|----------|----------------------------|--------------|--------------|--------------|--------------|-----------|
|          |                            | RC-12FA      | RC-12UA      | RC-14FA      | RC-14UA      |           |
| 34       | Capacitor (Fan Motor)      | 9704305046   | 9704305046   | 9704305046   | 9704305046   |           |
| 67       | Rubber                     | 9361279001   | 9361279001   | 9361279001   | 9361279001   |           |
| 117-3    | Special Washer M6          | 313306391007 | 313306391007 | 313306391007 | 313306391007 |           |
| 127      | Drain Hose                 | 9359659013   | 9359659013   | 9359659013   | 9359659013   |           |
| 138      | Separate Wall-A            | 9359647003   | 9359647003   | 9359647003   | 9359647003   |           |
| 146      | Evaporator Assy-IN         | 9373214014   | 9373214014   | 9373214014   | 9373214014   |           |
| 160      | Drain Pan                  | 9359651000   | 9359651000   | 9359651000   | 9359651000   |           |
| 164      | Fan Motor Assy-IN          | 9601040019   | 9601040064   | 9601040019   | 9601040064   |           |
| 184-1    | Thermo. Spring-A           | 313728262708 | 313728262708 | 313728262708 | 313728262708 |           |
| 185      | Rubber Bushing             | 313005066051 | 313005066051 | 313005066051 | 313005066051 |           |
| 187      | Clamp No. 1219             | 313361271706 | 313361271706 | 313361271706 | 313361271706 |           |
| 196      | Clamp SKB-150              | 313035356905 | 313035356905 | 313035356905 | 313035356905 |           |
| 223      | Control Box                | 9359661016   | 9359661016   | 9359661016   | 9359661016   |           |
| 234      | Thermistor Assy-Room       | 9703299032   | 9703299032   | 9703299032   | 9703299032   |           |
| 235      | Thermistor Assy-Pipe       | 9703297014   | 9703297014   | 9703297014   | 9703297014   |           |
| 236      | Controller PCB Assy        | 9704557490   | 9704557568   | 9704557490   | 9704557506   |           |
| 240      | Remote Control Unit        | 9371190044   | 9371190037   | 9371190044   | 9371190037   |           |
| 244      | Pipe Cover                 | 9359646006   | 9359646006   | 9359646006   | 9359646006   |           |
| 287      | Cap (Power)                | 9352173011   | 9352173011   | 9352173011   | 9352173011   |           |
| 301      | Clamp NK-2N                | 313985355201 | 313985355201 | 313985355201 | 313985355201 |           |
| 313      | Hooking Wire               | 9359983002   | 9359983002   | 9359983002   | 9359983002   |           |
| 338      | Motor Fixture              | 9359656005   | 9359656005   | 9359656005   | 9359656005   |           |
| 381      | Locking Spacer             | 313209391506 | 313209391506 | 313209391506 | 313209391506 |           |
| 395      | Supporter (Eva. )          | 9373179016   | 9373179016   | 9373179016   | 9373179016   |           |
| 399      | Air Duct                   | 9359660002   | 9359660002   | 9359660002   | 9359660002   |           |
| 411      | Supporter-A                | 9359655008   | 9359655008   | 9359655008   | 9359655008   |           |
| 430      | Clamp NK-7N                | 313095365602 | 313095365602 | 313095365602 | 313095365602 |           |
| 457      | Drain Pan Support          | 9359652007   | 9359652007   | 9359652007   | 9359652007   |           |
| 462      | Top Cover Plate            | 9359642015   | 9359642015   | 9359642015   | 9359642015   |           |
| 464      | Body-A                     | 9359643005   | 9359643005   | 9359643005   | 9359643005   |           |
| 465      | Body-B                     | 9359645009   | 9359645009   | 9359645009   | 9359645009   |           |
| 467      | Drain Port                 | 313005415658 | 313005415658 | 313005415658 | 313005415658 |           |
| 468      | Special Nut-A (Large)      | 313005446653 | 313005446653 | 313005446653 | 313005446653 |           |
| 469      | Special Nut-B (Small)      | 313005446759 | 313005446759 | 313005446759 | 313005446759 |           |
| 470      | Separate Wall-B            | 9359648000   | 9359648000   | 9359648000   | 9359648000   |           |
| 474      | Turbo Fan                  | 9359658009   | 9359658009   | 9359658009   | 9359658009   |           |
| 475      | Turbo Fan Rubber           | 9366013006   | 9366013006   | 9366013006   | 9366013006   |           |
| 476-1    | Special Nut M8             | 313005360755 | 313005360755 | 313005360755 | 313005360755 |           |
| 476-2    | Special Washer             | 301801185049 | 301801185049 | 301801185049 | 301801185049 |           |
| 476-3    | Special Washer             | 9359954002   | 9359954002   | 9359954002   | 9359954002   |           |
| 478      | Sensor M. Bracket          | 9359654001   | 9359654001   | 9359654001   | 9359654001   |           |
| 479      | Float Switch               | 313005416154 | 313005416154 | 313005416154 | 313005416154 |           |
| 482      | Pump Unit                  | 9359974000   | 9359974000   | 9359974000   | 9359974000   |           |
| 484      | Hanger Metal               | 9359644002   | 9359644002   | 9359644002   | 9359644002   |           |
| 488      | Drain Pan Plug             | 9359653004   | 9359653004   | 9359653004   | 9359653004   |           |
| 495      | Clamp No. 2U46             | 9352715006   | 9352715006   | 9352715006   | 9352715006   |           |
| 514      | Control Box Cover          | 9359662006   | 9359662006   | 9359662006   | 9359662006   |           |
| 628      | Locking Spacer-B           | 313005446558 | 313005446558 | 313005446558 | 313005446558 |           |
| 629      | EMI Filter                 | 0400197119   | 0400197119   | 0400197119   | 0400197119   |           |
| 652-1    | Therm. Holder Pipe         | 313806262805 | 313806262805 | 313806262805 | 313806262805 |           |
| 743      | Remote Control Holder Case | 9305642014   | 9305642014   | 9305642014   | 9305642014   |           |
| 797      | Separate Wall-C            | 9359649007   | 9359649007   | 9359649007   | 9359649007   |           |
| 798      | Pump Hook Bracket          | 9359650003   | 9359650003   | 9359650003   | 9359650003   |           |
| 815      | Terminal-7P                | 9358660102   | 9358660102   | 9358660102   | 9358660102   |           |
| 824-3    | Fuse                       | 0600222512   | 0600222512   | 0600222512   | 0600222512   |           |
| 834      | Wire Cover                 | 9359878001   | 9359878001   | 9359878001   | 9359878001   |           |
| 835      | Cushion-A (For Pump)       | 9352211003   | 9352211003   | 9352211003   | 9352211003   |           |
| 836      | Cushion-B (For Pump)       | 9356084016   | 9356084016   | 9356084016   | 9356084016   |           |
| 875      | Filter PCB Assy            | 9704561169   | 9704561169   | 9704561169   | 9704561169   |           |
| 964      | Flare Nut-1/2              | -----        | -----        | 9373267010   | 9373267010   |           |
| 965      | Flare Nut-B                | 9351062019   | 9351062019   | 9351062019   | 9351062019   |           |
| 989-1    | Cord Clamp-A               | 9359822011   | 9359822011   | 9359822011   | 9359822011   |           |
| 989-2    | Cord Clamp-B               | 9359823018   | 9359823018   | 9359823018   | 9359823018   |           |
| 990      | Distributor Assy           | 9373034049   | 9373034049   | 9373034049   | 9373034049   |           |



**GRILLE ASSY (CG-E)**

| Ref. No. | Description          | Part No.     | Ord. Q'ty | Ref. No. | Description        | Part No.   | Ord. Q'ty |
|----------|----------------------|--------------|-----------|----------|--------------------|------------|-----------|
| 93       | Filter               | 9359632009   |           | 692      | Joint Shaft        | 9359625001 |           |
| 165      | Motor Cover          | 9359623014   |           | 694      | Cam Gear           | 9359628002 |           |
| 196      | Clamp SKB-150        | 313035356905 |           | 700      | Panel              | 9359619017 |           |
| 226      | Motor Gear           | 9359629009   |           | 705      | Louver             | 9359624011 |           |
| 385      | Indicator PCB Assy   | 9702224011   |           | 710      | Intake Grille      | 9360543011 |           |
| 392      | Cover-A              | 9359622017   |           | 711-1    | Filter Clamp-A     | 9359634003 |           |
| 416      | Insulation (Panel)-A | 9359620006   |           | 711-2    | Filter Clamp-B     | 9359635000 |           |
| 417      | Insulation (Panel)-B | 9359621003   |           | 758      | Decoration Plate-A | 9360862013 |           |
| 690      | Joint-A              | 9359626008   |           | 763      | Receiver Cover     | 9359630005 |           |
| 691      | Joint-B              | 9359627005   |           | 776      | Grille Stopper     | 9359633013 |           |
|          |                      |              |           | 777      | Grille Hook        | 9359761006 |           |
|          |                      |              |           | 876-2    | Step Motor-V       | 9360307019 |           |

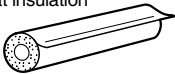
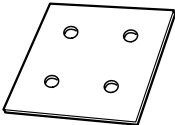
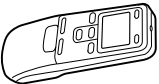
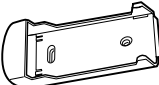
When you order parts, please make a photocopy of this page and fill the number of the parts in the "Order" column.

# OUTDOOR UNIT

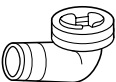
| Ref. No. | Description                     | Part No.     |              |              |              | Ord. Q' ty |
|----------|---------------------------------|--------------|--------------|--------------|--------------|------------|
|          |                                 | ROD-12FA     | ROD-12UA     | ROD-14FA     | ROD-14UA     |            |
| 2        | Guard (Fan)                     | 9304109006   | 9304109006   | 9304109006   | 9304109006   |            |
| 4        | Emblem-Rear                     | 9361328006   | 9361328006   | 9361328006   | 9361328006   |            |
| 5        | Cabinet Painted                 | 9302936017   | 9302936017   | 9302936017   | 9302936017   |            |
| 7        | Cover (Switch) Assy             | 9357970004   | 9357970004   | 9357970004   | 9357970004   |            |
| 9        | Panel (Cabinet Rear) Painted    | 9303744017   | 9303744017   | 9303744017   | 9303744017   |            |
| 12       | Base Assy, Painted              | 9310889114   | 9310889114   | 9310889114   | 9310889114   |            |
| 13       | 3-Way Valve Assy                | 9372205020   | 9372205020   | 9372205105   | 9372205105   |            |
| 14       | 2-Way Valve Assy                | 9372204030   | 9372204030   | 9372204030   | 9372204030   |            |
| 16       | Condenser Assy                  | 9373131045   | 9373131038   | 9373131045   | 9373131014   |            |
| 32       | Control Box Metal-A             | 9355843003   | 9355843003   | 9355843003   | 9355843003   |            |
| 34       | Capacitor, Plastic DS401165NPQA | 9900231026   | 9900231026   | 9900231026   | 9900231026   |            |
| 37       | Capacitor, Plastic DS401306CCNA | 9704436122   | 9704436122   | ----         | ----         |            |
| 37       | Capacitor, Plastic DS401356CCNA | ----         | ----         | 9704436139   | 9704436139   |            |
| 38       | Clamp Metal (Capacitor)         | 313468061808 | 313468061808 | 313468061808 | 313468061808 |            |
| 39       | Propeller Fan                   | 9351589011   | 9351589011   | 9351589011   | 9351589011   |            |
| 41       | Motor, Induction MFB-14VTT      | 9601113010   | ----         | 9601113010   | ----         |            |
| 41       | Motor, Induction MFB-14NTT      | ----         | 9601113096   | ----         | 9601113096   |            |
| 42       | Bracket (Motor)                 | 313166243804 | 313166243804 | 313166243804 | 313166243804 |            |
| 47       | Rubber (Discha Pipe)            | 313194159807 | 313194159807 | 313194159807 | 313185159802 |            |
| 51       | Special Nut M5                  | 313199233602 | 313199233602 | 313199233602 | 313199233602 |            |
| 55       | Special Nut M8                  | 9355091008   | 9355091008   | 9355091008   | 9355091008   |            |
| 98       | Ring Fan                        | 313166296109 | 313166296109 | 313166296109 | 313166296109 |            |
| 105      | Compressor Assy                 | 9373010036   | 9373010036   | 9373010043   | 9373010043   |            |
| 107      | Rubber Seat (For Comp)-A        | 9351813017   | 9351813017   | 9351813017   | 9351813017   |            |
| 109      | Terminal Cover                  | 9351920012   | 9351920012   | 9351920012   | 9351920012   |            |
| 128-1    | Rubber (Discharge Pipe)         | 313155086308 | ----         | 313155086308 | ----         |            |
| 138      | Separator Sub Assy              | 9303729014   | 9303729014   | 9303729014   | 9303729014   |            |
| 139      | Comp Wire Assy                  | 9370945089   | 9370945089   | 9370945089   | 9370945089   |            |
| 178-2    | Capillary Holder Rubber         | 313394274808 | ----         | 313394274808 | ----         |            |
| 199-1    | BR Sheet                        | 9363708080   | 9363708059   | 9363708035   | 9363708059   |            |
| 200-1    | BR Sheet-B                      | 9351990022   | 9351990022   | 9351990022   | 9351990022   |            |
| 213      | S-INS. B                        | 313584258005 | 313584258005 | 313584258005 | 313584258005 |            |
| 218-3    | Relay                           | 9900074012   | 9900074012   | 9900074012   | 9900074012   |            |
| 230      | OCR Assy                        | 9312899005   | 9312899005   | 9373129011   | 9373129011   |            |
| 259      | Muffler                         | ----         | 9372369012   | ----         | 9372369029   |            |
| 272      | Strainer Assy                   | 9366602019   | 9366602019   | 9366602019   | 9366602019   |            |
| 343      | Solenoid                        | ----         | 9900165017   | ----         | 9900165017   |            |
| 344      | 4-Way Valve                     | ----         | 9900162016   | ----         | 9970036019   |            |
| 373      | Grip                            | 313166178700 | 313166178700 | 313166178700 | 313166178700 |            |
| 412      | Cover Gasket                    | 9351921019   | 9351921019   | 9351921019   | 9351921019   |            |
| 420      | Capillary Assy                  | 9372197233   | 9372197158   | 9372197189   | 9372197110   |            |
| 423      | Noise Insulation-F              | 9350944019   | 9350944019   | 9350944019   | 9350944019   |            |
| 527      | Protective Net                  | 9355444002   | 9355444002   | 9355444002   | 9355444002   |            |
| 734      | Panel (Top) Painted             | 9302937014   | 9302937014   | 9302937014   | 9302937014   |            |
| 745      | RFM (Motor)                     | 313166036308 | 313166036308 | 313166036308 | 313166036308 |            |
| 764      | Drain Cap                       | ----         | 313166024302 | ----         | 313166024302 |            |
| 765      | Drain Pipe (I-Type)             | ----         | 9301102000   | ----         | 9301102000   |            |
| 766      | Drain Packing                   | ----         | 9301143003   | ----         | 9301143003   |            |
| 815      | Terminal-5P                     | 9900203023   | ----         | 9900203023   | ----         |            |
| 815      | Terminal-8P                     | ----         | 9900203047   | ----         | 9900203047   |            |
| 823-2    | Fuse Holder                     | 0500063024   | 0500063024   | 0500063024   | 0500063024   |            |
| 824-4    | Fuse                            | 0600222529   | 0600222529   | 0600222529   | 0600222529   |            |
| 982-1    | Clamp (Cord)                    | 9356857009   | 9356857009   | 9356857009   | 9356857009   |            |
| 982-2    | Clamp (Cord)-B                  | 9356858006   | 9356858006   | 9356858006   | 9356858006   |            |
| 983      | Terminal Holder                 | 9373090014   | 9373090014   | 9373090014   | 9373090014   |            |

# STANDARD ACCESSORIES

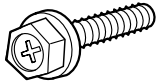
## INDOOR UNIT ACCESSORIES

| Name and Shape                                                                                                              | Application                                 | Part No.                             |
|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------------------|
| Coupler heat insulation<br>                | For indoor side pipe joint                  | 9350716029                           |
|                                                                                                                             |                                             | 9352766015                           |
| Special nut A (large flange)<br>           | For installing indoor unit                  | 313005446653                         |
| Special nut B (small flange)<br>           | For installing indoor unit                  | 313005446759                         |
| Template<br>                               | For ceiling hole cutting                    | 9360256003                           |
| Remote control unit<br>                    | Use for air conditioner operation           | 9371190044 (Cooling model)           |
|                                                                                                                             |                                             | 9371190037 (Cooling & Heating model) |
| Battery (penlight)<br>                    | For remote control unit                     | 0600185534                           |
| Remote control unit holder<br>           | For mounting the remote control unit        | 9305642014                           |
| Tapping screw ( $\phi 3 \times 12$ )<br> | For remote control unit holder installation | 301141533125                         |

## OUTDOOR UNIT ACCESSORIES

| Name and Shape                                                                                    | Application                                                                    | Part No.     |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------|
| Drain Pipe<br> | For outdoor unit drain piping work<br>[Heat & Cool (Reverse cycle) model only] | 9303029015   |
| Drain Cap<br>  |                                                                                | 313166024302 |

## GRILLE ASSY ACCESSORIES

| Name and Shape                                                                                                 | Application                                           | Part No.     |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|--------------|
| Bolt<br>                    | For opening the refrigerant valve on the outdoor unit | 0700139116   |
| Washer<br>                  | For mounting grille                                   | 301801155020 |
| Spring Washer<br>           | For mounting grille                                   | 301821150218 |
| Blower cover insulation<br> | For discharged air                                    | 9360047007   |

