



SPLIT TYPE  
ROOM AIR CONDITIONER  
FLOOR CONSOLE /  
UNDER CEILING  
DUAL type

# SERVICE MANUAL



| Models | Indoor unit    | Outdoor unit    |
|--------|----------------|-----------------|
|        | <b>RY-14FB</b> | <b>ROD-14FA</b> |
|        | <b>RY-14UB</b> | <b>ROD-14UA</b> |
|        | <b>RY-18FB</b> | <b>RO-18FB</b>  |
|        | <b>RY-18UB</b> | <b>RO-18UB</b>  |
|        | <b>RY-24FB</b> | <b>RO-24FB</b>  |
|        | <b>RY-24UB</b> | <b>RO-24UB</b>  |

## C O N T E N T S

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# SPECIFICATIONS

| TYPE                  | Cool     |         |         |
|-----------------------|----------|---------|---------|
| INDOOR UNIT           | RY-14FB  | RY-18FB | RY-24FB |
| OUTDOOR UNIT          | ROD-14FA | RO-18FB | RO-24FB |
| COOLING CAPACITY (kW) | 4.20     | 5.40    | 6.50    |

## ELECTRICAL DATA

| POWER SOURCE (V)           | 230  |      |      |
|----------------------------|------|------|------|
| FREQUENCY (Hz)             | 50   |      |      |
| RUNNING CURRENT (A)        | 6.3  | 8.5  | 11.0 |
| INPUT WATTS (kW)           | 1.39 | 1.92 | 2.45 |
| E.E.R. (kW/kW)             | 3.02 | 2.81 | 2.65 |
| MOISTURE REMOVAL (ℓ /hr)   | 1.5  | 2.0  | 2.5  |
| AIR CIRCULATION-HI (m³/hr) | 640  | 780  | 880  |

## COMPRESSOR

| TYPE                  | Hermetic type, Deposit electrode condenser, 2 poles.<br>Single phase, Induction motor, Rotary |           |           |
|-----------------------|-----------------------------------------------------------------------------------------------|-----------|-----------|
| CODE                  | 802 360 35(B)                                                                                 | 5KS225DAC | 5JS290DAA |
| REFRIGERANT R410A (g) | 900                                                                                           | 900       | 1,550     |

## FAN MOTOR

| POWER SOURCE |                    | (V)       |           |           |
|--------------|--------------------|-----------|-----------|-----------|
|              |                    | 230       |           |           |
| INDOOR UNIT  | TYPE               | MFA-14JTT | MFA-18JTT | MFA-24JTT |
|              | HI-SPEED (r.p.m.)  | 850       | 1,030     | 1,180     |
|              | MED-SPEED (r.p.m.) | 760       | 890       | 1,040     |
|              | LO-SPEED (r.p.m.)  | 670       | 770       | 900       |
| OUTDOOR UNIT | TYPE               | MFB-14VTT | MFB-24JTT |           |
|              | HI- SPEED (r.p.m.) | 740       | 780       |           |

## DIMENSIONS

| INDOOR UNIT  | H x W x D (mm) | 199 x 990 x 655 |                 |
|--------------|----------------|-----------------|-----------------|
| OUTDOOR UNIT | H x W x D (mm) | 530 x 750 x 250 | 650 x 830 x 320 |

## WEIGHT

| INDOOR UNIT  | GROSS / NET (kg) | 37 / 28 |         |         |
|--------------|------------------|---------|---------|---------|
| OUTDOOR UNIT | GROSS / NET (kg) | 37 / 35 | 51 / 47 | 62 / 58 |

## REFRIGERANT CHARGE (R410A)

| PIPE LENGTH        |         | 7.5 m (25 ft)    | 10 m (33 ft)     | 15 m (49 ft)     | 20 m (66 ft)     | Additional refrigerant                |
|--------------------|---------|------------------|------------------|------------------|------------------|---------------------------------------|
| FULL CHARGE AMOUNT | RY-14FB | 900 g (31.8oz)   | 938 g (33.1oz)   | 1,013 g (35.7oz) | -                | 15g (0.53oz) / 1m (3.3ft) (over 7.5m) |
|                    | RY-18FB | 900 g (31.8oz)   | 950 g (33.5oz)   | 1,050 g (37.0oz) | 1,150 g (40.6oz) | 20g (0.71oz) / 1m (3.3ft) (over 7.5m) |
|                    | RY-24FB | 1,550 g (54.7oz) | 1,600 g (56.4oz) | 1,700 g (60.0oz) | 1,800 g (63.5oz) |                                       |

| TYPE             |      | Cool and Heat |         |         |
|------------------|------|---------------|---------|---------|
| INDOOR UNIT      |      | RY-14UB       | RY-18UB | RY-24UB |
| OUTDOOR UNIT     |      | ROD-14UA      | RO-18UB | RO-24UB |
| COOLING CAPACITY | (kW) | 4.00          | 5.40    | 6.50    |
| HEATING CAPACITY | (kW) | 4.70          | 6.00    | 7.40    |

#### ELECTRICAL DATA

| POWER SOURCE           | (V)      | 230  |      |      |
|------------------------|----------|------|------|------|
| FREQUENCY              | (Hz)     | 50   |      |      |
| RUNNING CURRENT (Cool) | (A)      | 6.3  | 8.6  | 10.8 |
| RUNNING CURRENT (Heat) | (A)      | 6.0  | 8.3  | 10.3 |
| INPUT WATTS (Cool)     | (kW)     | 1.42 | 1.90 | 2.42 |
| INPUT WATTS (Heat)     | (kW)     | 1.35 | 1.85 | 2.30 |
| E.E.R. (Cool)          | (kW/kW)  | 2.82 | 2.84 | 2.69 |
| E.E.R. (Heat)          | (kW/kW)  | 3.48 | 3.24 | 3.22 |
| MOISTURE REMOVAL       | ( ℓ /hr) | 1.5  | 2.0  | 2.5  |
| AIR CIRCULATION-HI     | (m³/hr)  | 640  | 780  | 880  |

#### COMPRESSOR

| TYPE        |           | Hermetic type, Deposit electrode condenser, 2 poles.<br>Single phase, Induction motor, Rotary |           |           |
|-------------|-----------|-----------------------------------------------------------------------------------------------|-----------|-----------|
| CODE        |           | 802 360 35(B)                                                                                 | 5KS225DAC | 5JS290DAA |
| REFRIGERANT | R410A (g) | 1,000                                                                                         | 1,550     | 1,700     |

#### FAN MOTOR

| POWER SOURCE |                    | (V) | 230       |           |           |
|--------------|--------------------|-----|-----------|-----------|-----------|
| INDOOR UNIT  | TYPE               |     | MFA-14JTT | MFA-18JTT | MFA-24JTT |
|              | HI-SPEED (r.p.m.)  |     | 850       | 1,030     | 1,180     |
|              | MED-SPEED (r.p.m.) |     | 760       | 890       | 1,040     |
|              | LO-SPEED (r.p.m.)  |     | 670       | 770       | 900       |
| OUTDOOR UNIT | TYPE               |     | MFB-14NTT | MFB-24JTB |           |
|              | HI- SPEED (r.p.m.) |     | 740       | 780       |           |
|              | LO-SPEED (r.p.m.)  |     | 440       | 400       |           |

#### DIMENSIONS

| INDOOR UNIT  | H x W x D (mm) | 199 x 990 x 655 |                 |  |
|--------------|----------------|-----------------|-----------------|--|
| OUTDOOR UNIT | H x W x D (mm) | 530 x 750 x 250 | 650 x 830 x 320 |  |

#### WEIGHT

| INDOOR UNIT  | GROSS / NET (kg) | 37 / 28 |         |         |
|--------------|------------------|---------|---------|---------|
| OUTDOOR UNIT | GROSS / NET (kg) | 37 / 35 | 56 / 52 | 63 / 59 |

#### REFRIGERANT CHARGE (R410A)

| PIPE LENGTH           |         | 7.5 m<br>(25 ft)    | 10 m<br>(33 ft)     | 15 m<br>(49 ft)     | 20 m<br>(66 ft)     | Additional<br>refrigerant                |
|-----------------------|---------|---------------------|---------------------|---------------------|---------------------|------------------------------------------|
| FULL CHARGE<br>AMOUNT | RY-14UB | 1,000 g<br>(35.3oz) | 1,038 g<br>(36.6oz) | 1,113 g<br>(39.3oz) | -                   | 15g (0.53oz) / 1m (3.3ft)<br>(over 7.5m) |
|                       | RY-18UB | 1,550 g<br>(54.7oz) | 1,600 g<br>(54.6oz) | 1,700 g<br>(60.0oz) | 1,800 g<br>(63.5oz) | 20g (0.71oz) / 1m (3.3ft)<br>(over 7.5m) |
|                       | RY-24UB | 1,700g<br>(60.0oz)  | 1,800 g<br>(63.5oz) | 2,000 g<br>(70.6oz) | 2,200 g<br>(77.6oz) | 40g (1.42oz) / 1m (3.3ft)<br>(over 7.5m) |

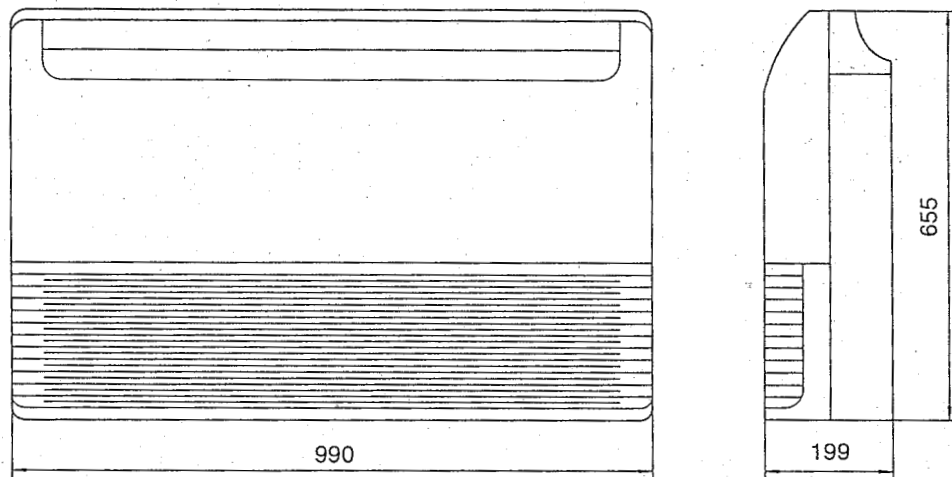
# OUTLINE AND DIMENSIONS

Unit : mm

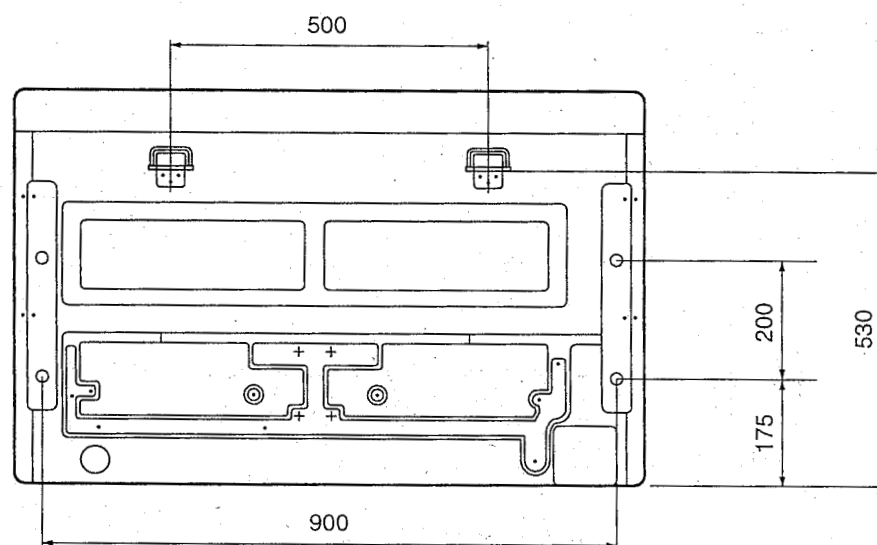
## INDOOR UNIT

Models : RY-14FB    RY-18FB    RY-24FB  
          RY-14UB    RY-18UB    RY-24UB

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[Rear View]

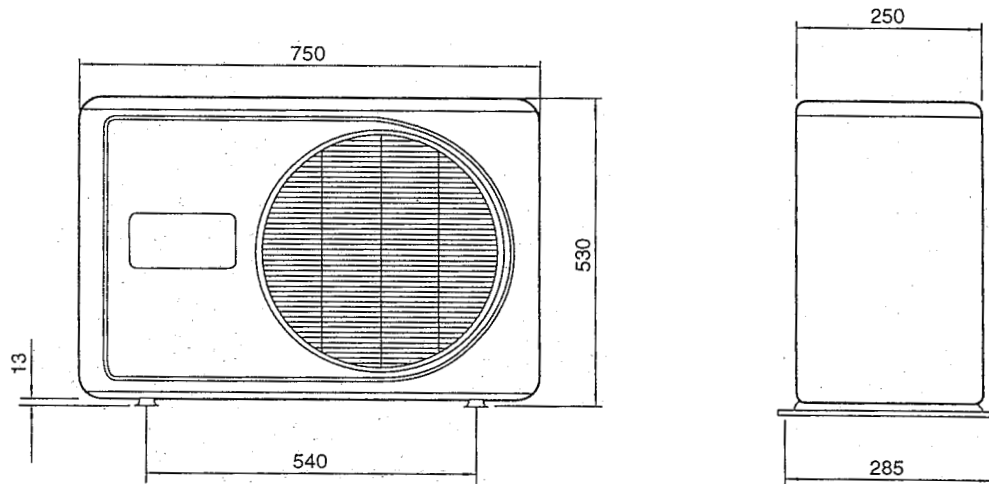


## OUTDOOR UNIT

Unit : mm

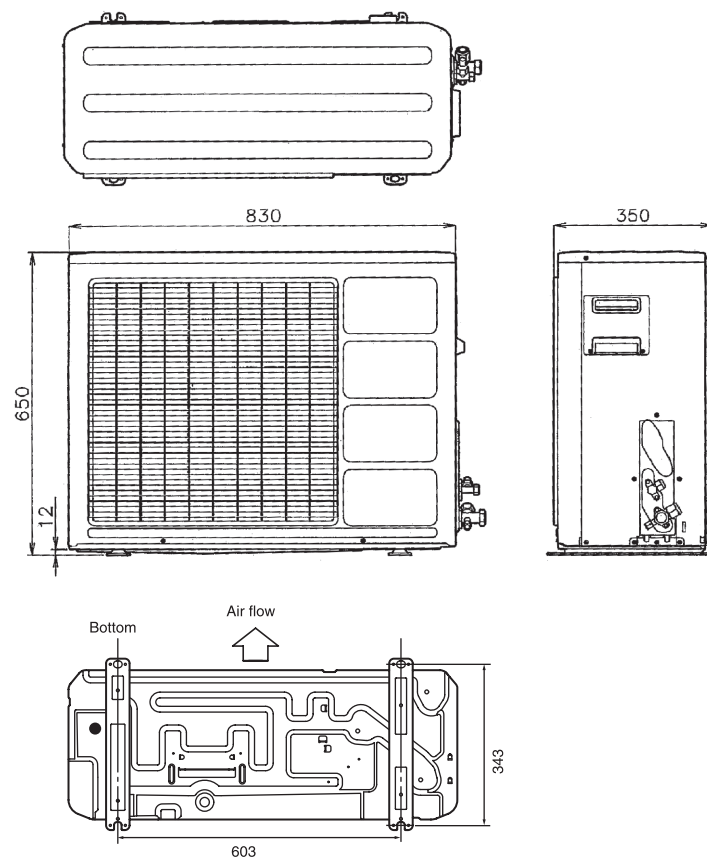
**Models : ROD-14FA  
ROD-14UA**

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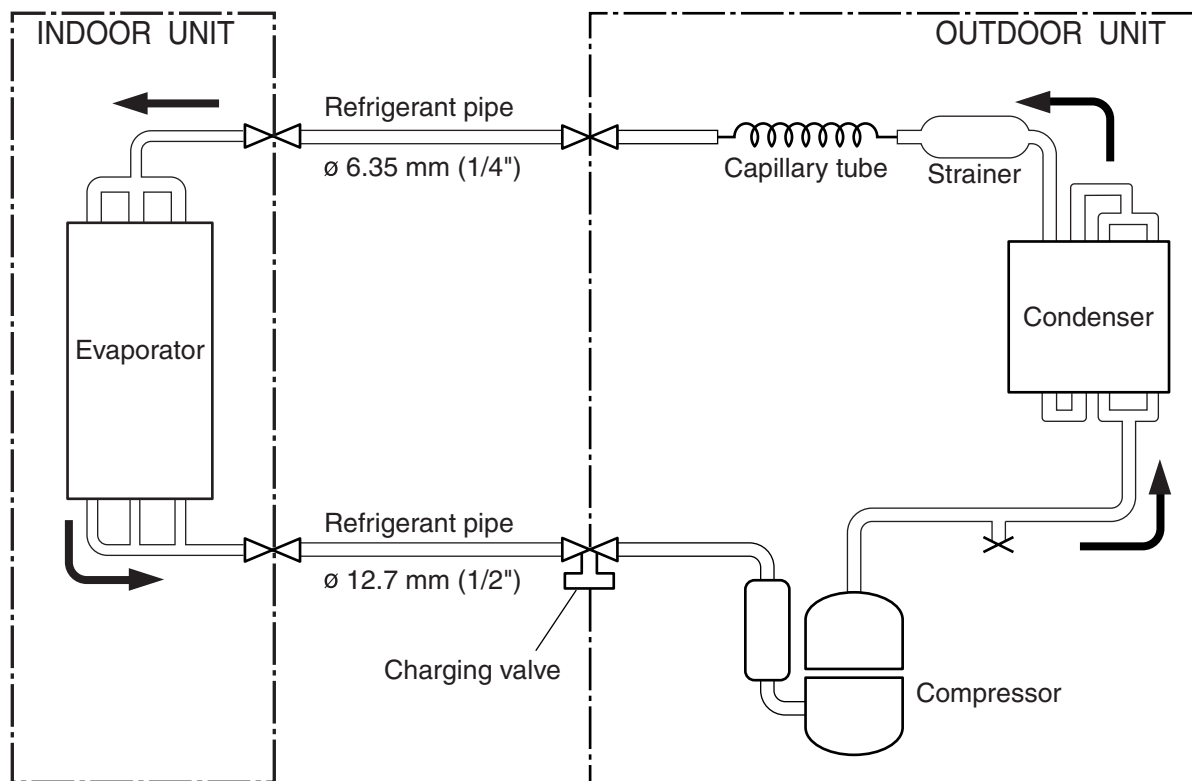
**Models : RO-18FB  
RO-18UB  
RO-24FB  
RO-24UB**

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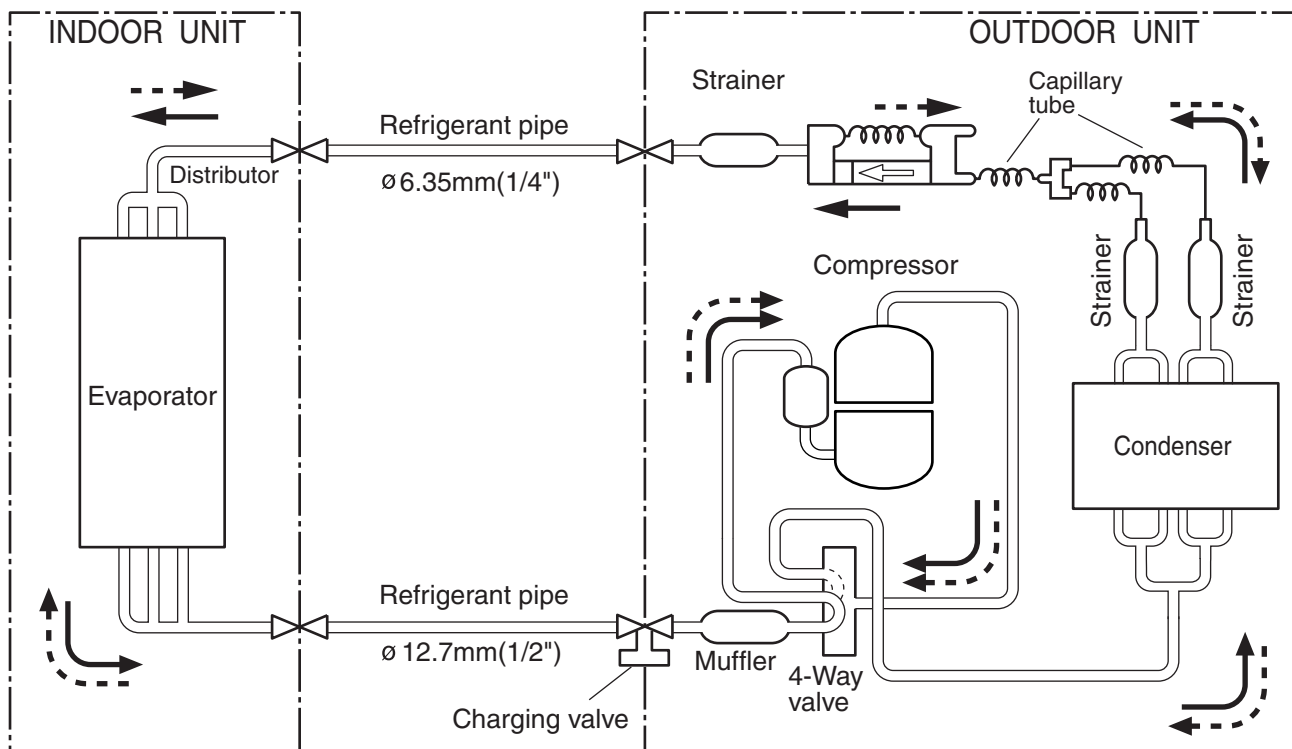


# REFRIGERANT SYSTEM DIAGRAM

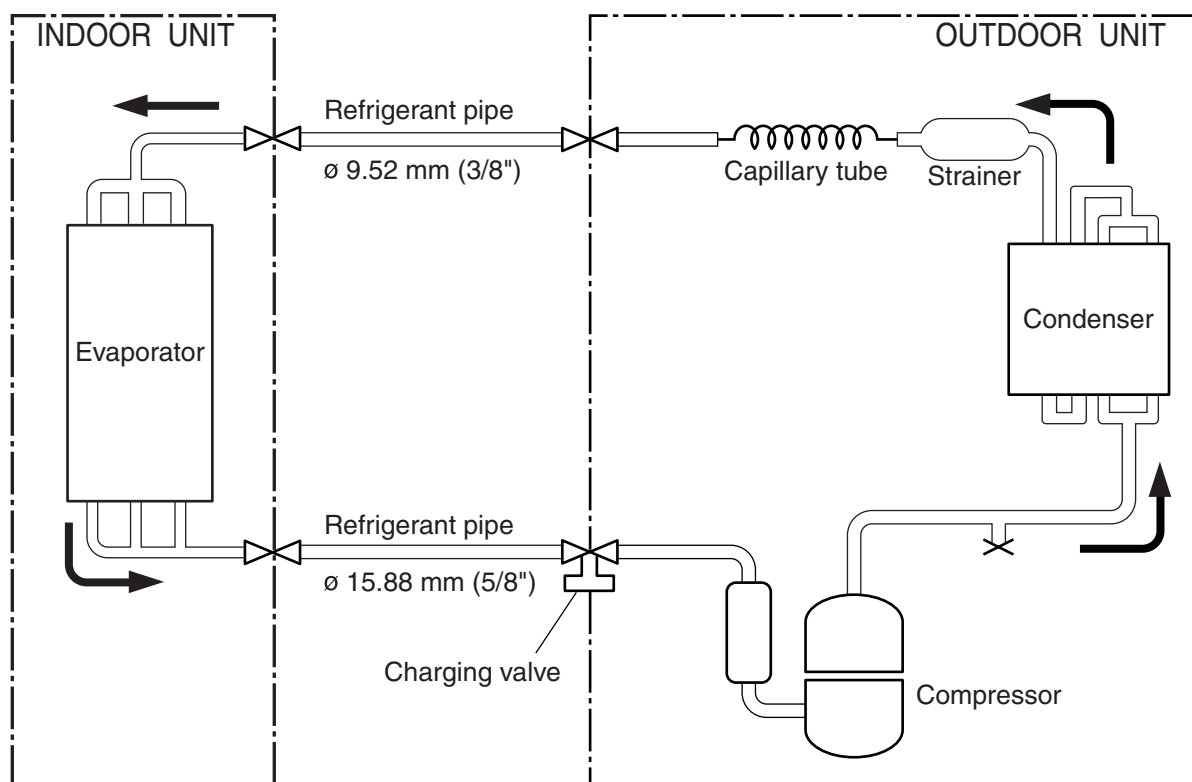
**Models : RY-14FB / ROD-14FA**



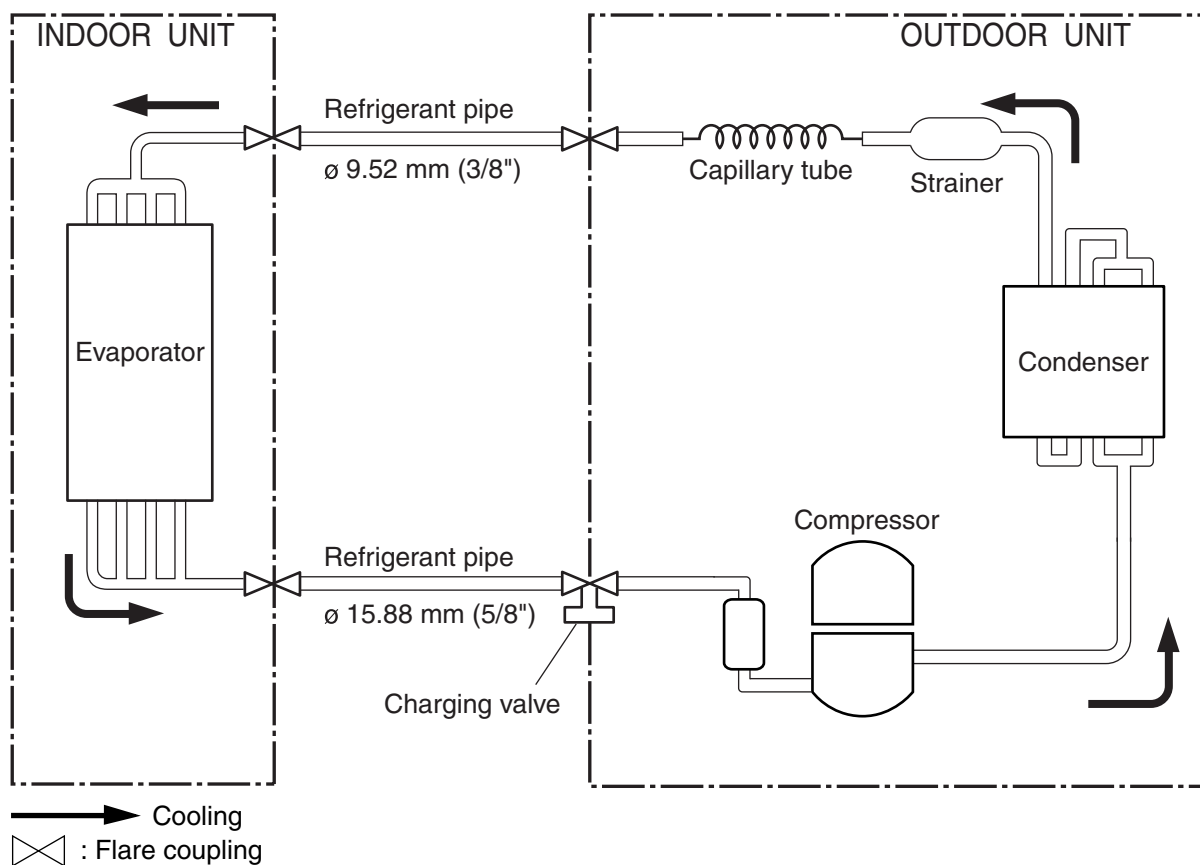
**Models : RY-14UB / ROD-14UA**



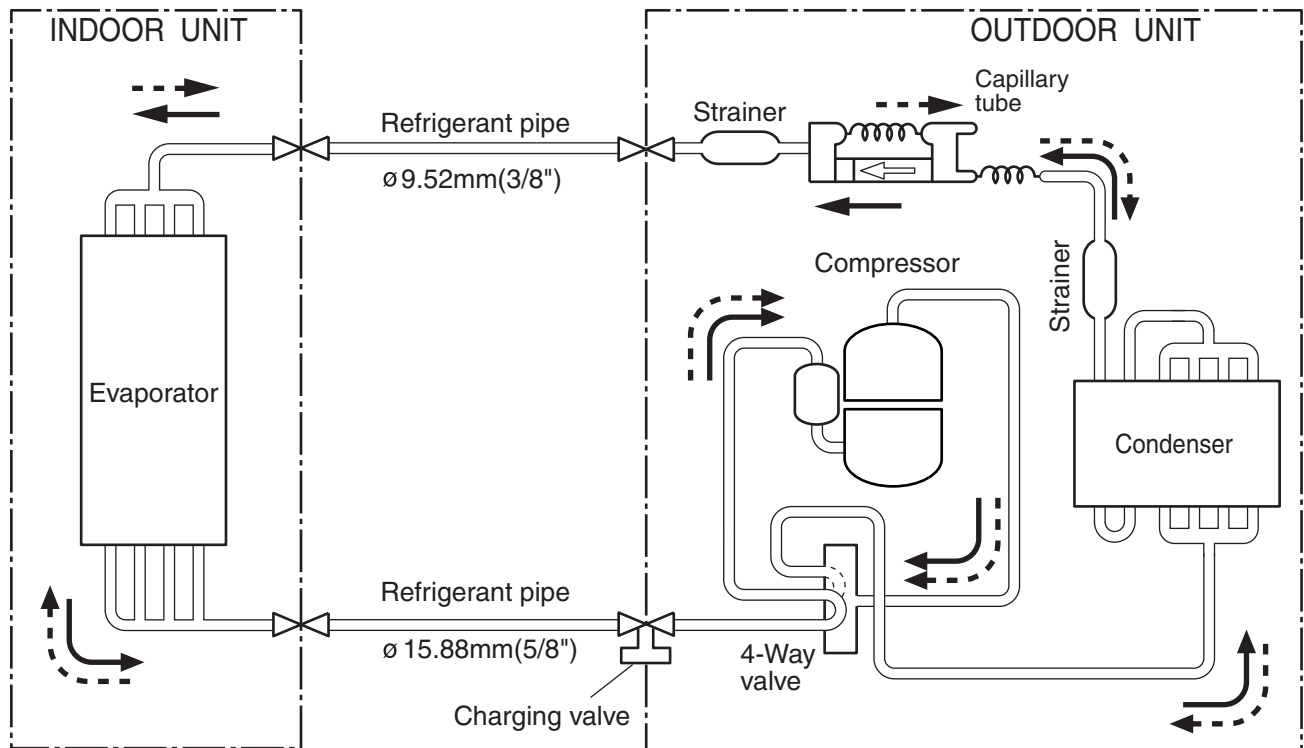
**Models : RY-18FB / RO-18FB**



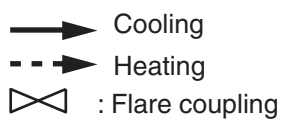
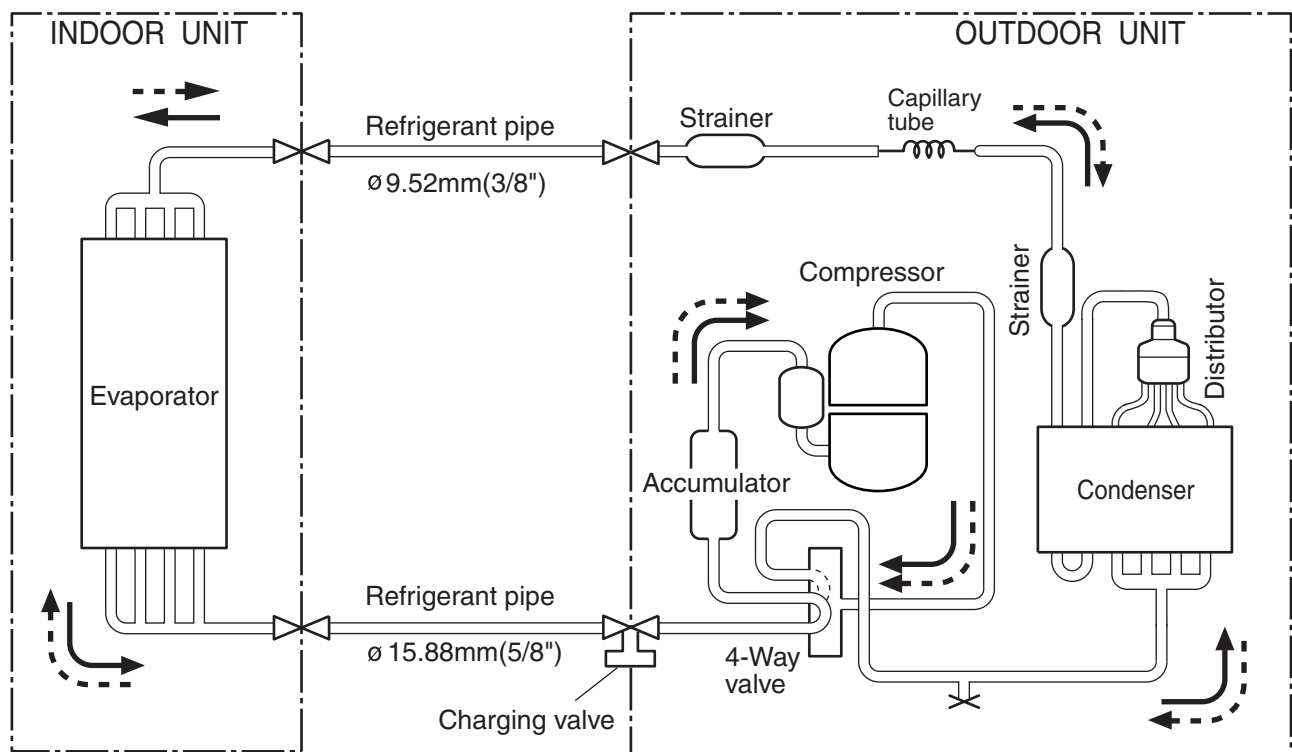
**Models : RY-24FB / RO-24FB**



**Models : RY-18UB / RO-18UB**



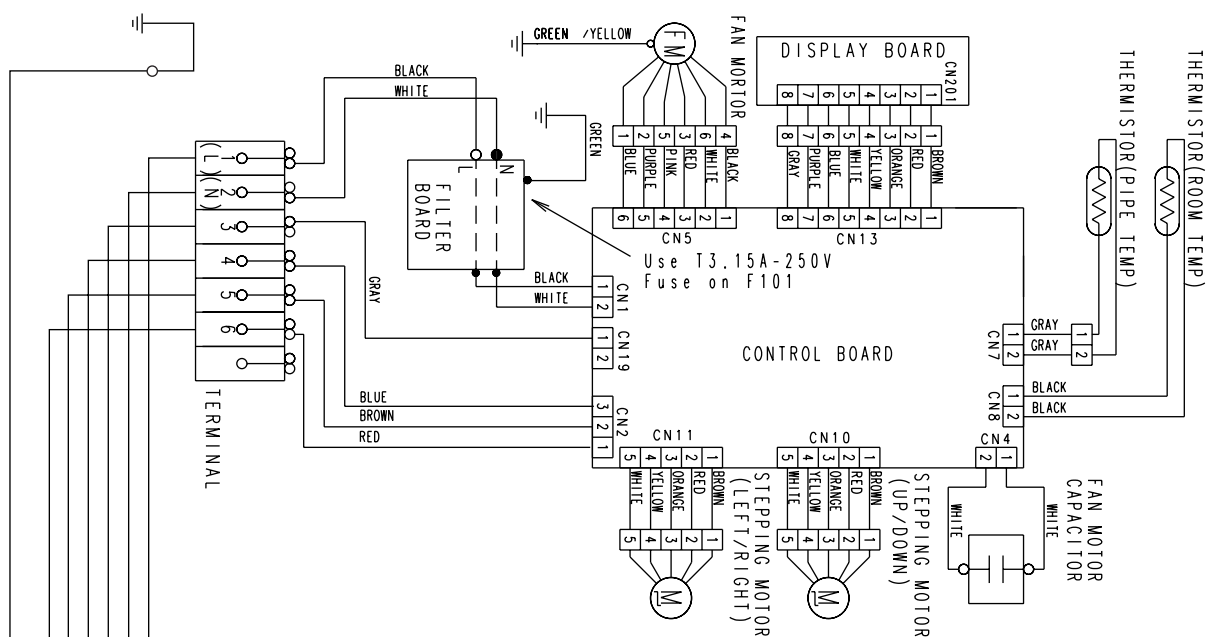
**Models : RY-24UB / RO-24UB**



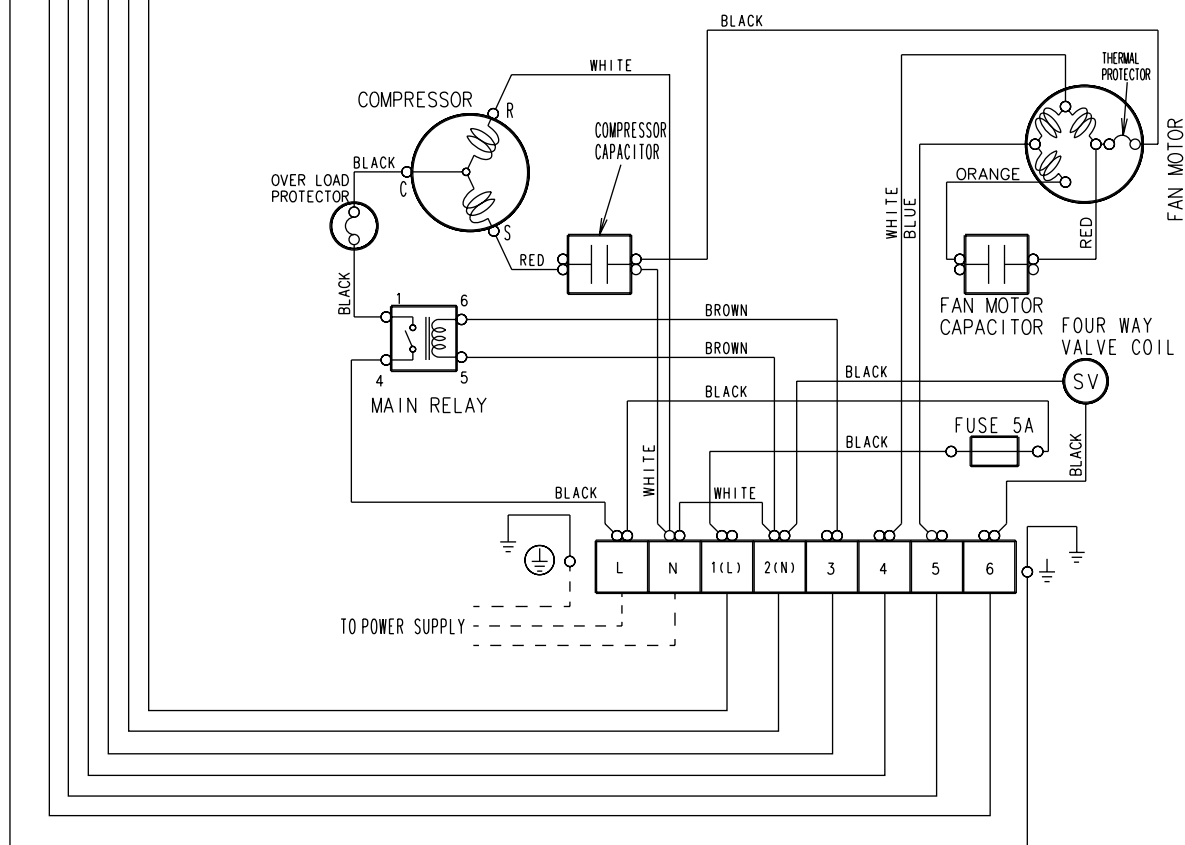
**Models : RY-14FB / ROD-14FA**



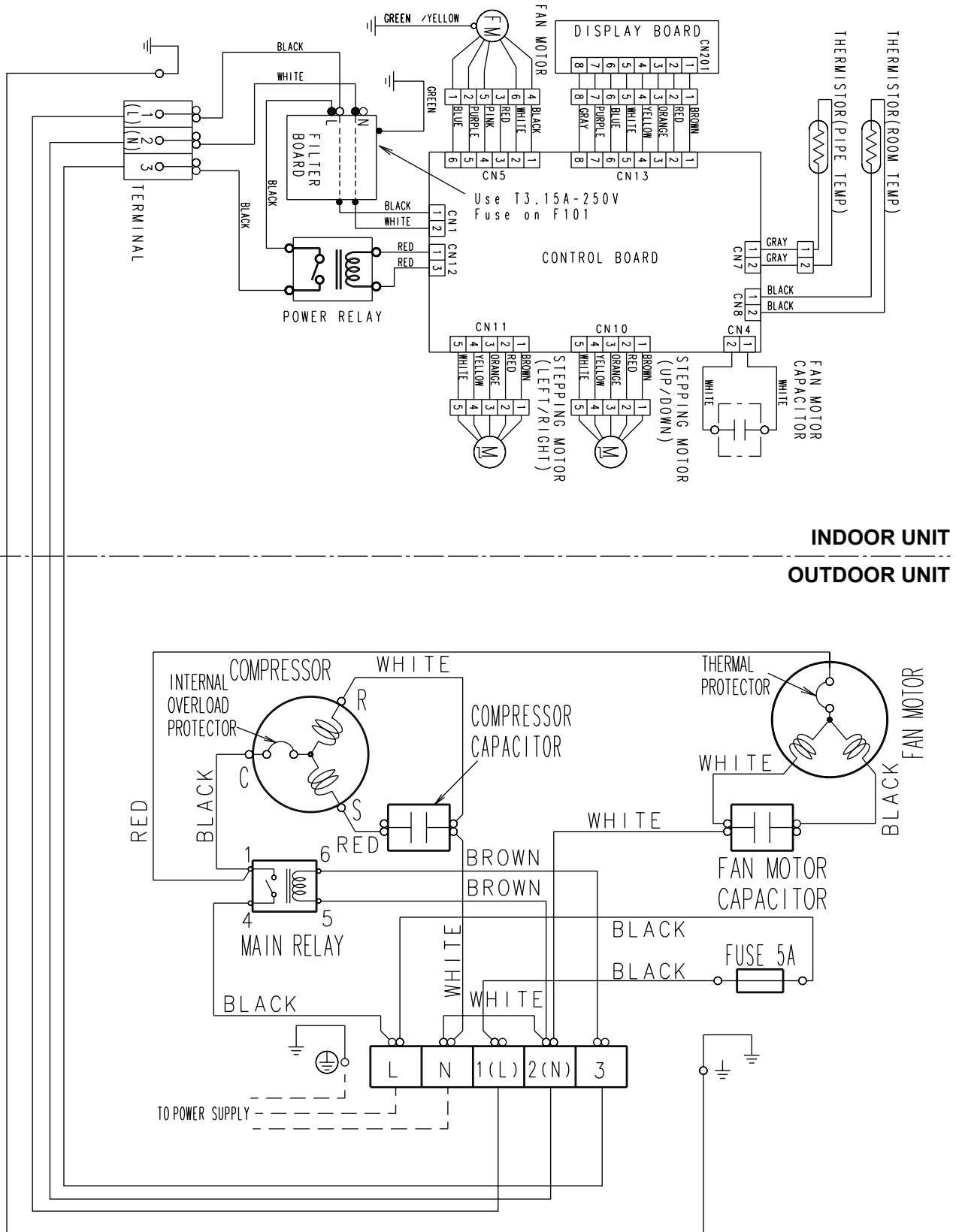
# Models : RY-14UB / ROD-14UA



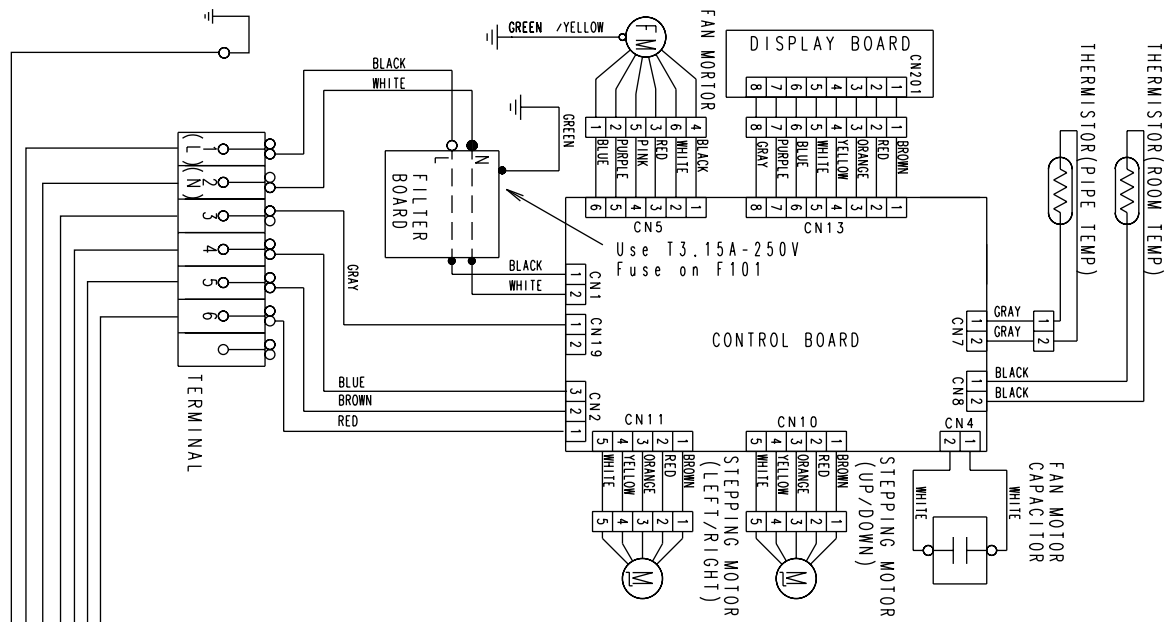
## INDOOR UNIT OUTDOOR UNIT



Models : RY-18FB / RO-18FB  
RY-24FB / RO-24FB

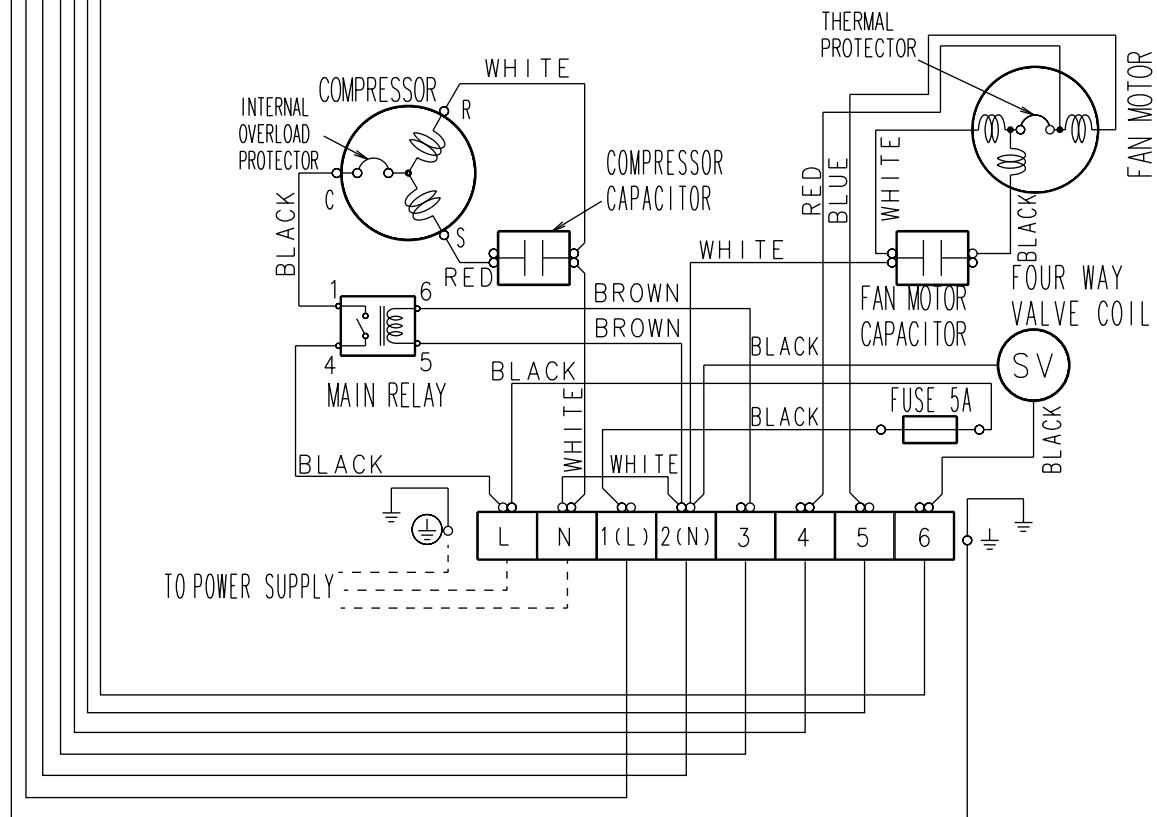


**Models : RY-18UB / RO-18UB  
RY-24UB / RO-24UB**



**INDOOR UNIT**

**OUTDOOR UNIT**



## ERROR DISPLAY

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

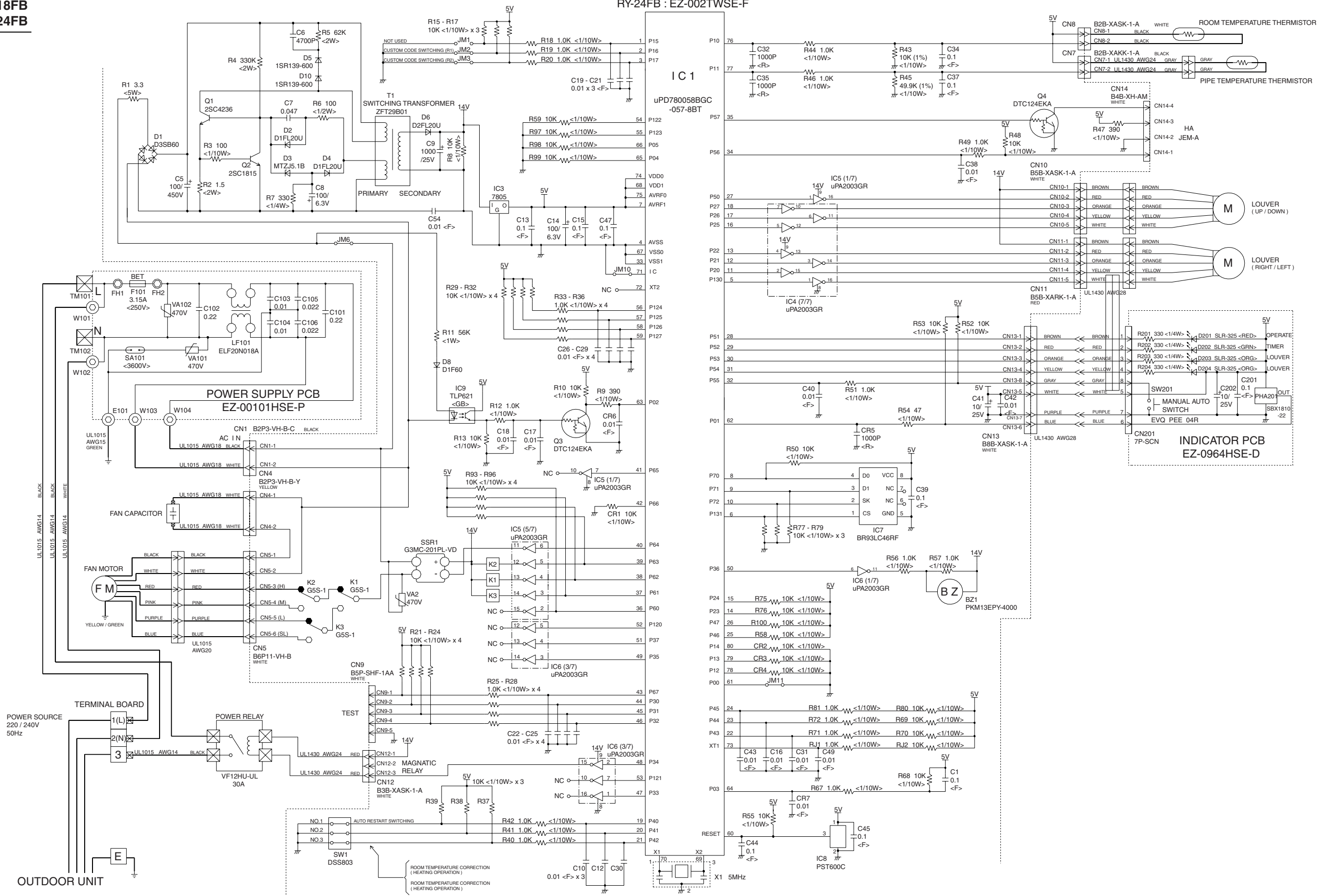
○ : Fast flashing      ● : Slow flashing      — : Off

| Error contents                                           | Error display      |                  |                   |
|----------------------------------------------------------|--------------------|------------------|-------------------|
|                                                          | OPERATION<br>(RED) | TIMER<br>(GREEN) | SWING<br>(ORANGE) |
| Indoor unit circuit board error                          | ○                  | ○                | —                 |
| Indoor unit room temperature sensor wire opened          | 2 times ●          | ○                | —                 |
| Indoor unit room temperature sensor wire short circuited | 2 times ●          | ○                | ○                 |
| Indoor unit piping sensor wire opened                    | 3 times ●          | ○                | —                 |
| Indoor unit piping sensor wire short circuited           | 3 times ●          | ○                | ○                 |
| Indoor unit fan error                                    | 6 times ●          | ○                | —                 |

INDOOR PRINTED CIRCUIT BOARD  
CIRCUIT DIAGRAM

Models : RY-14FB  
RY-18FB  
RY-24FB

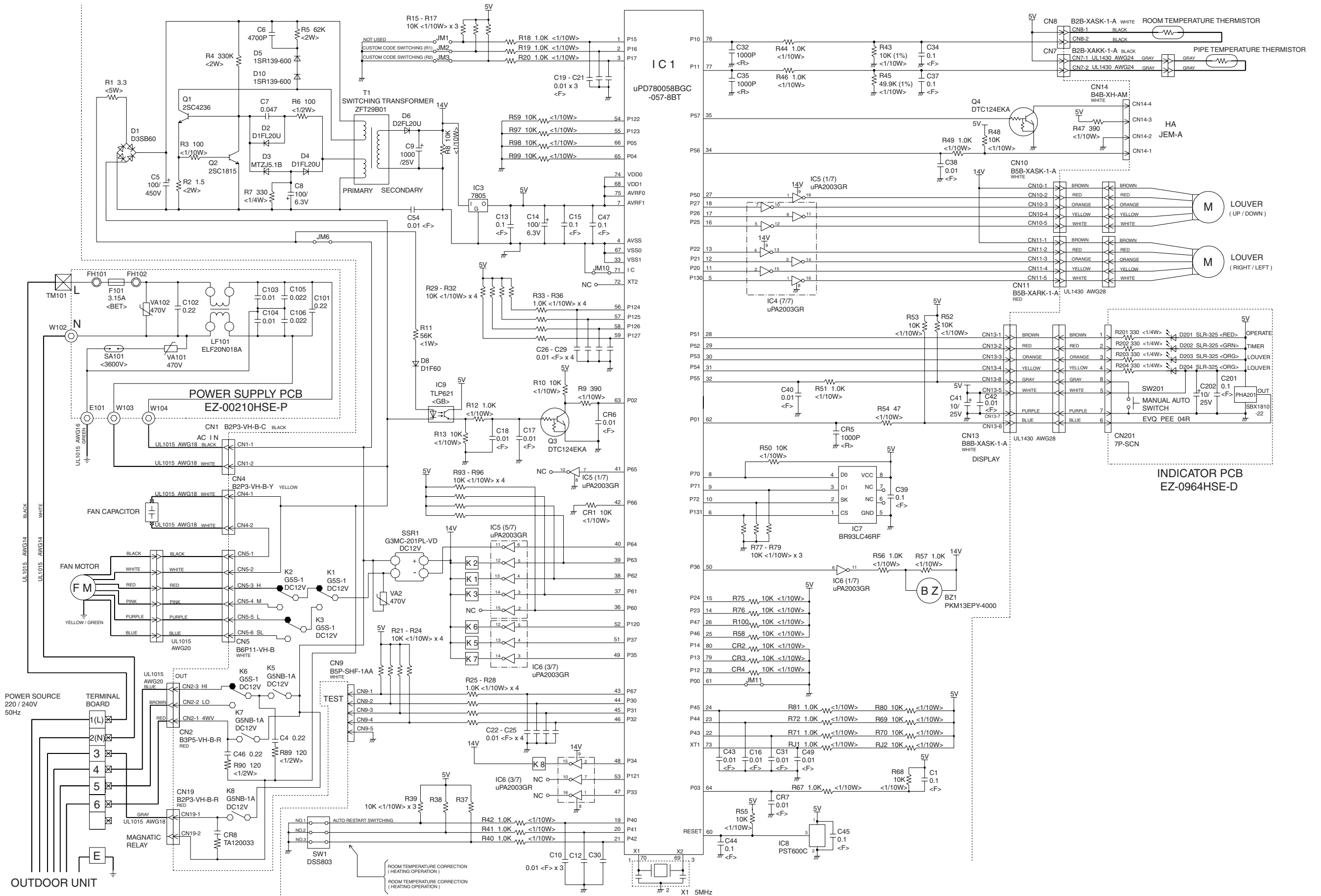
CONTROLLERPCB ASSEMBLY ( MAIN PCB )  
RY-14FB : EZ-001LWSE-F  
RY-18FB : EZ-002YWSE-F  
RY-24FB : EZ-002TWSE-F



Models : RY-14UB  
RY-18UB  
RY-24UB

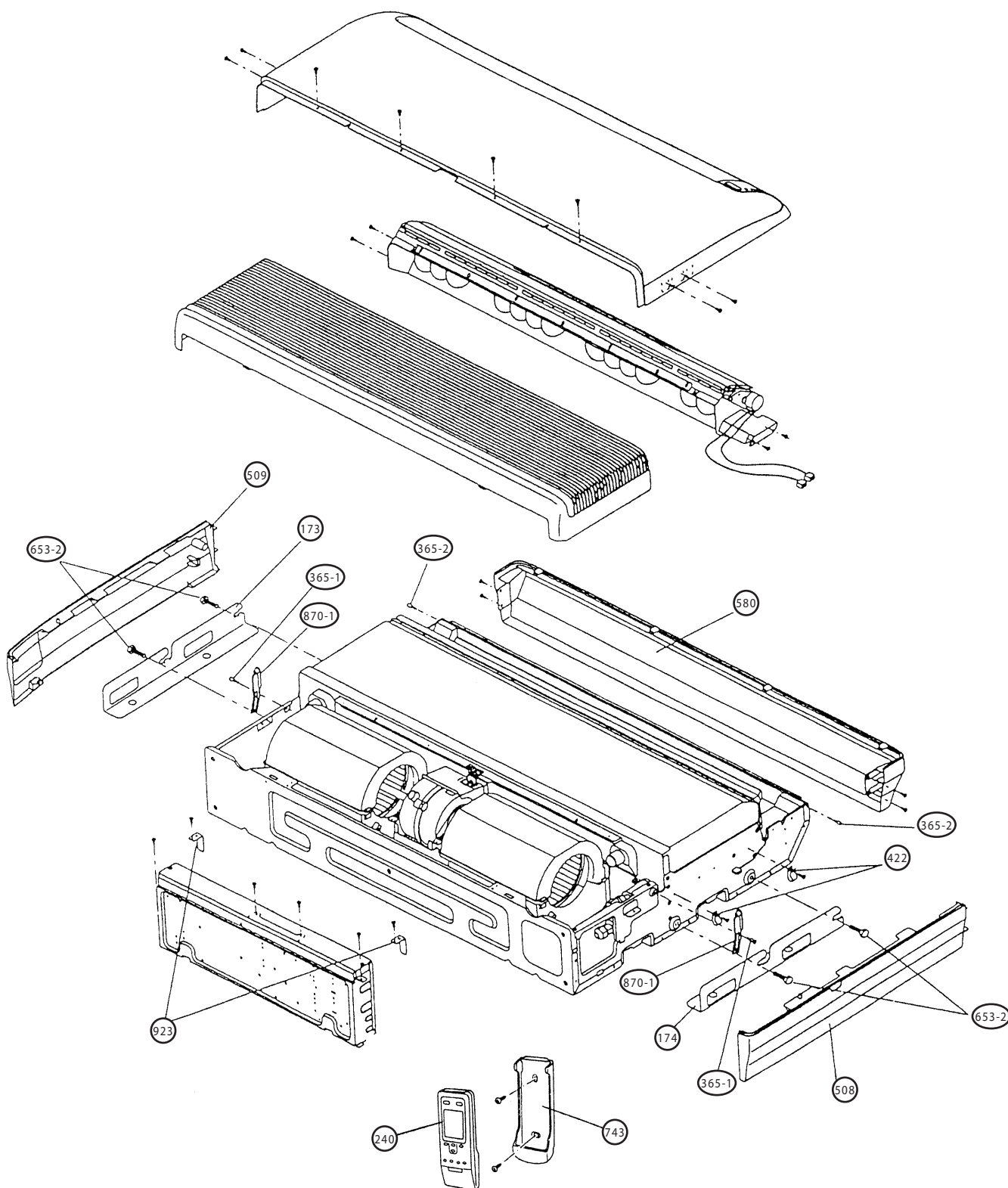
CONTROLLER PCB ASSEMBLY ( MAIN PCB )

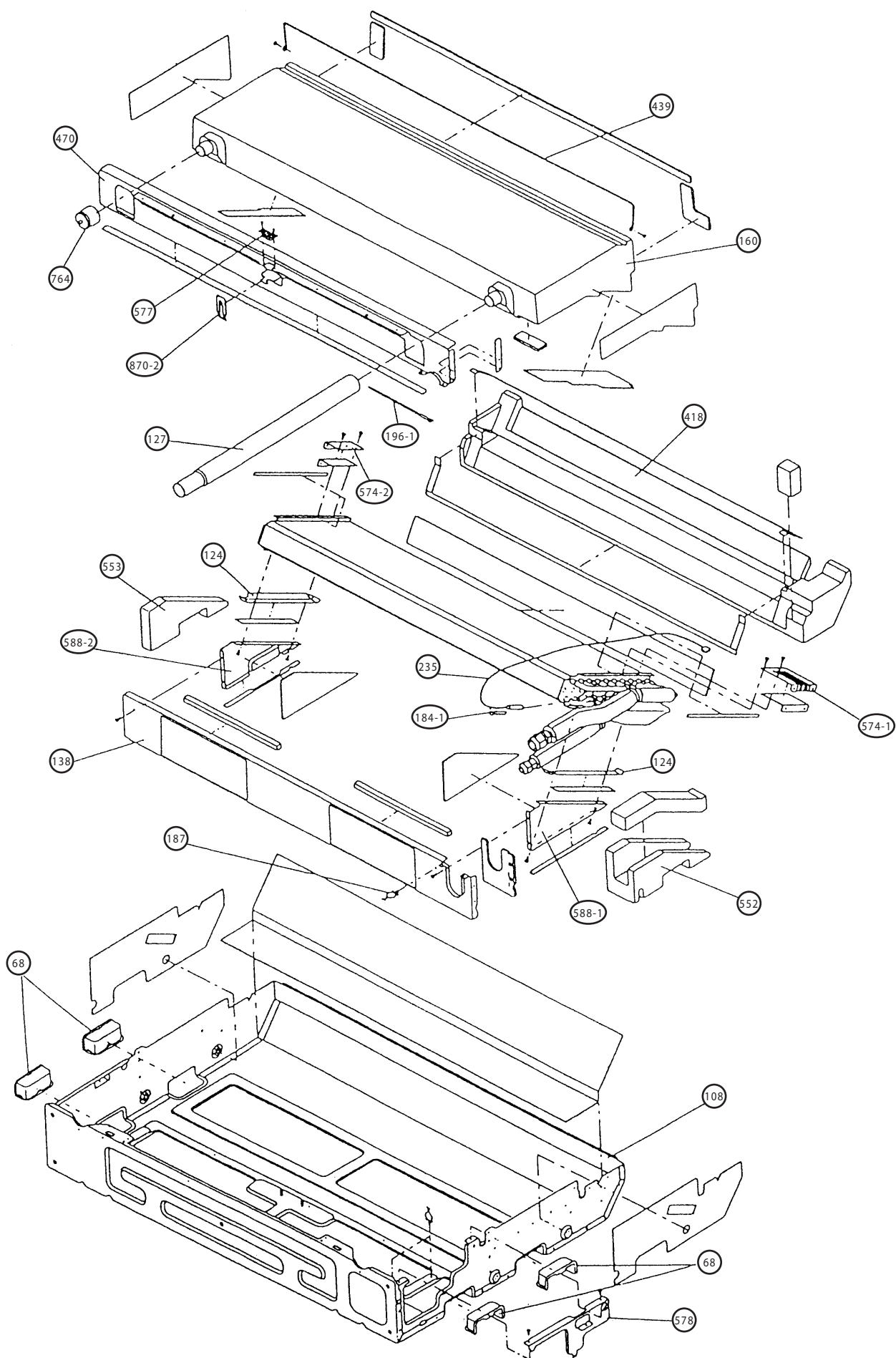
RY14UB : EZ-00312HSE-F  
RY18UB : EZ-00211HSE-F  
RY24UB : EZ-00210HSE-F

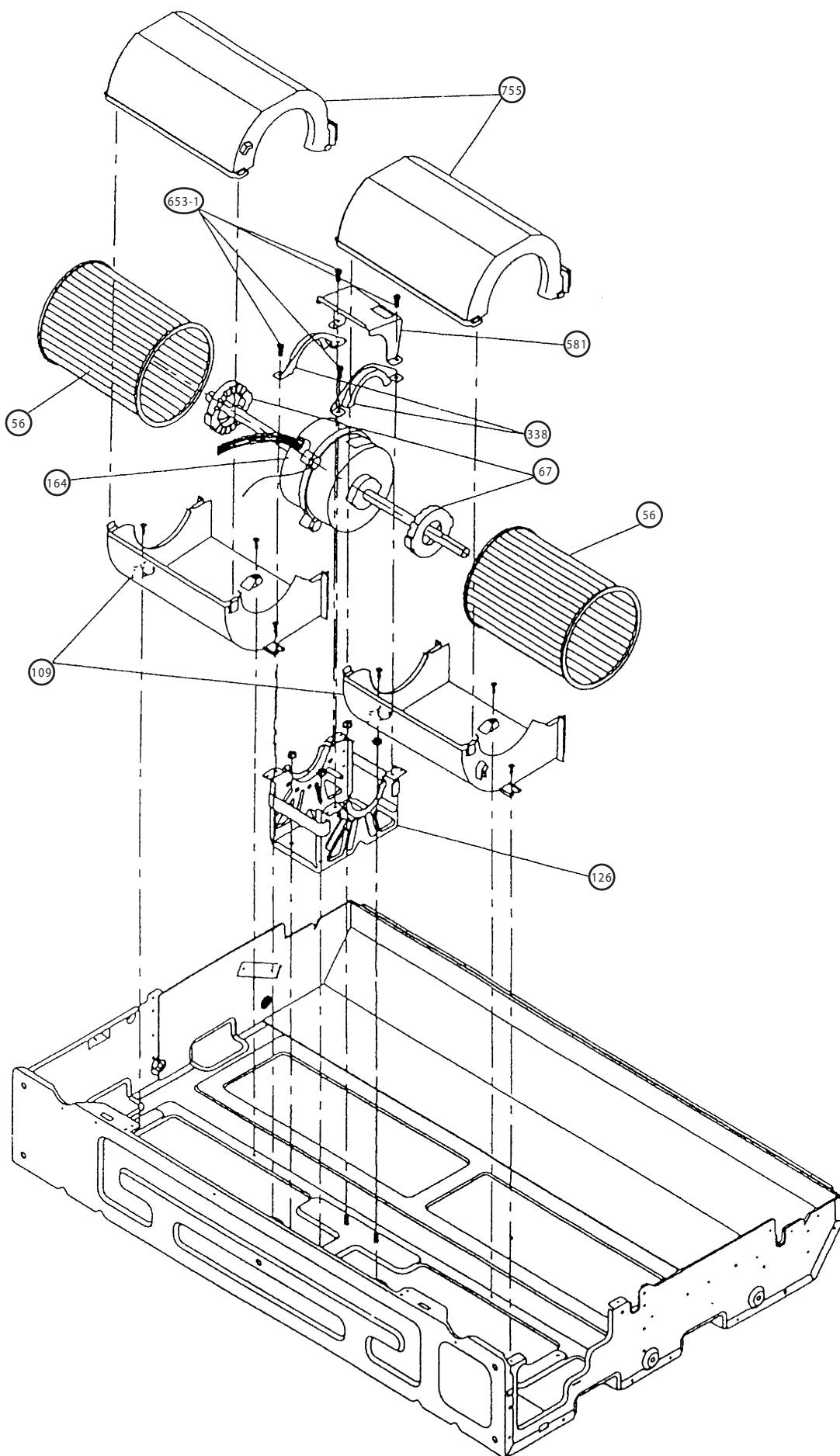


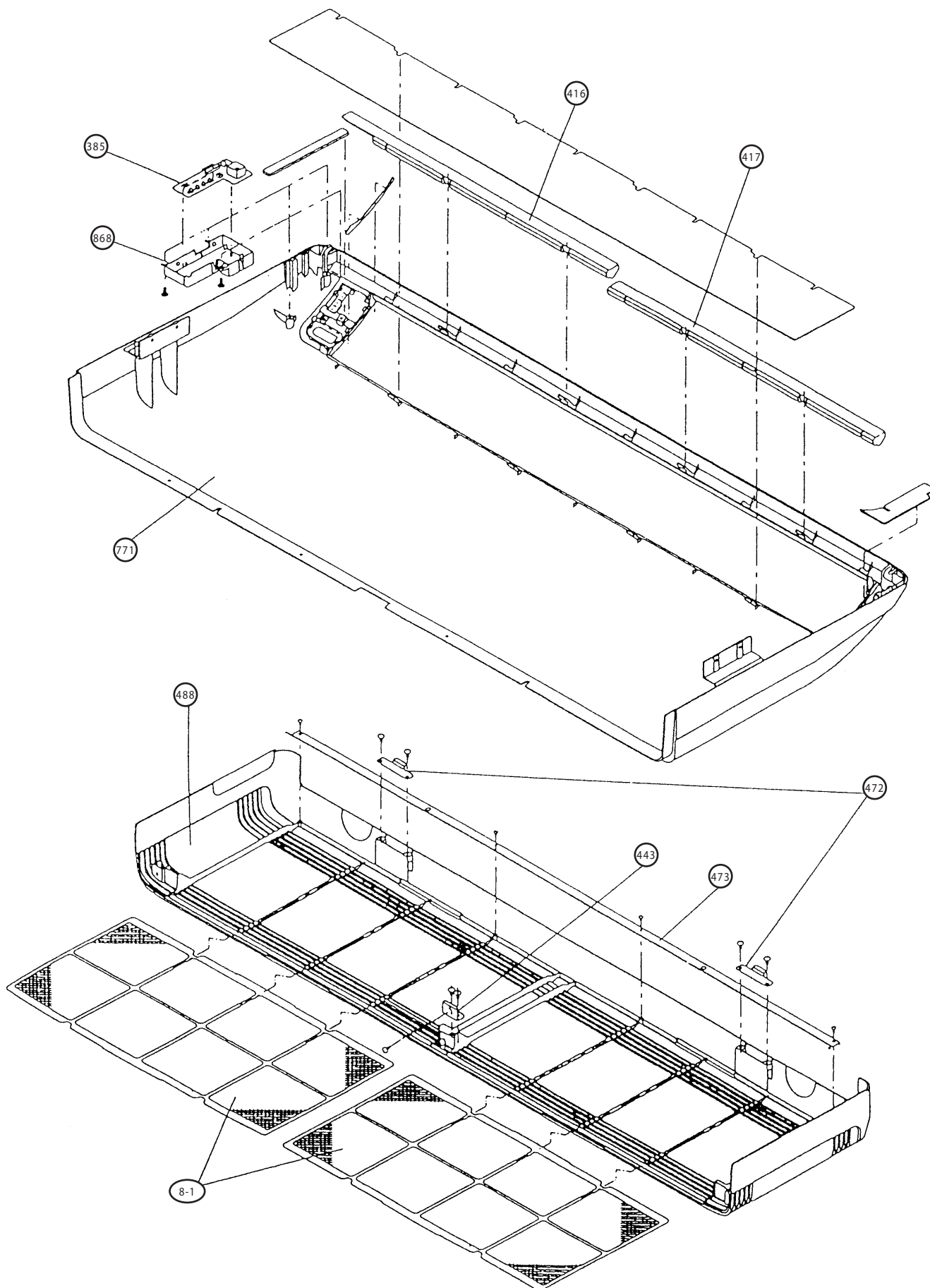
# DISASSEMBLY ASSEMBLY

Models : RY-14FB, RY-14UB  
RY-18FB, RY-18UB  
RY-24FB, RY-24UB

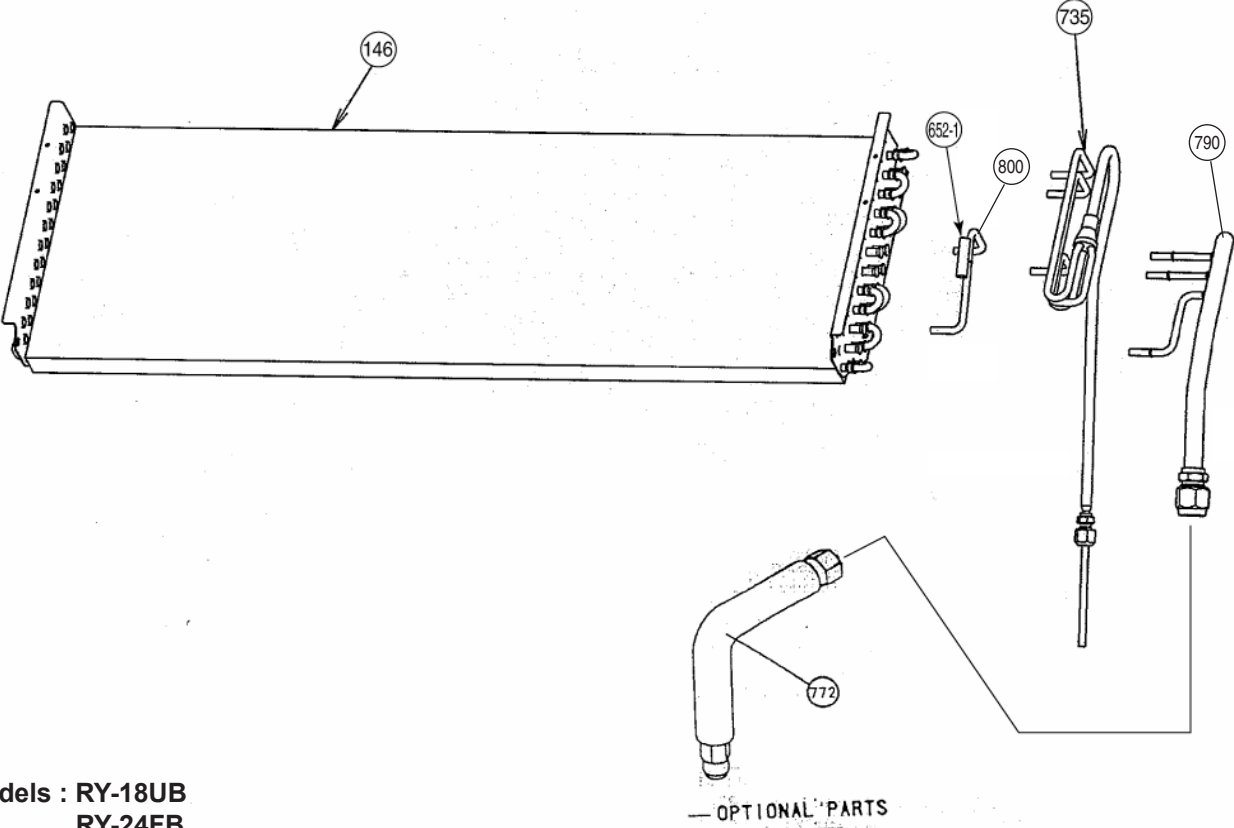




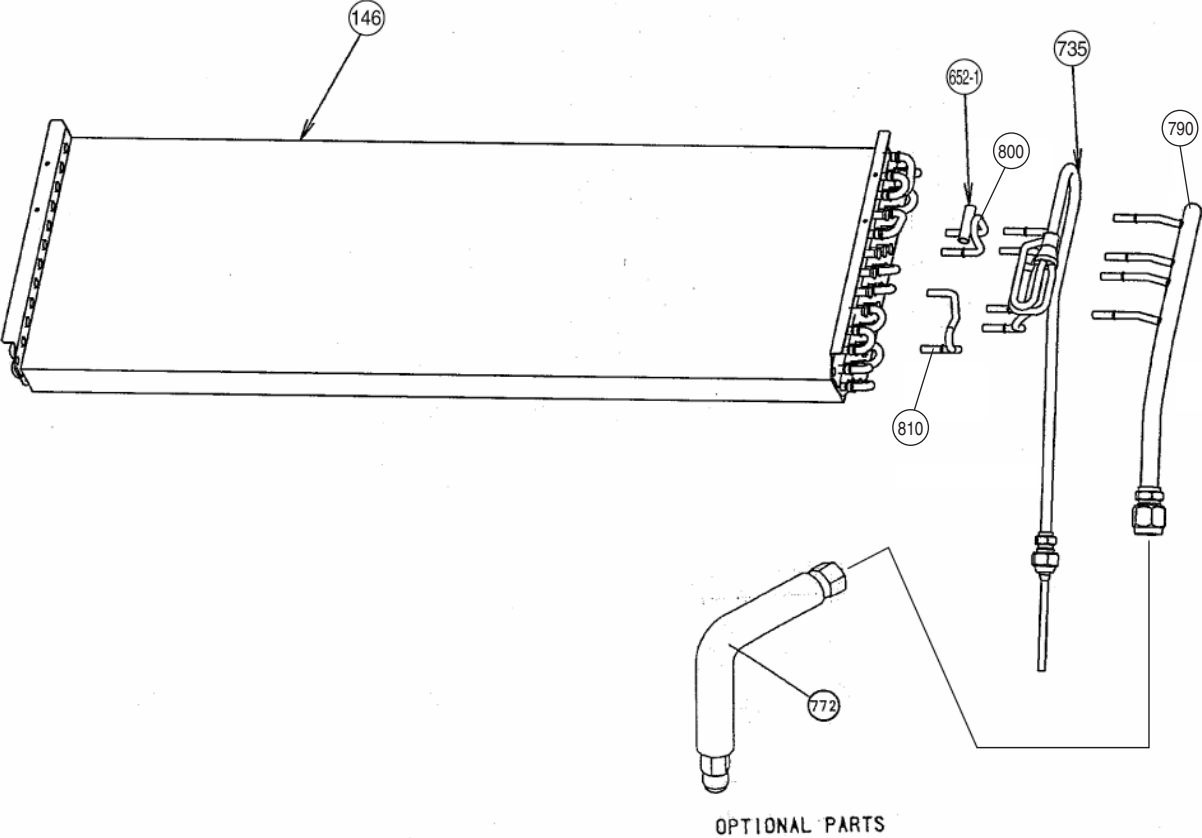


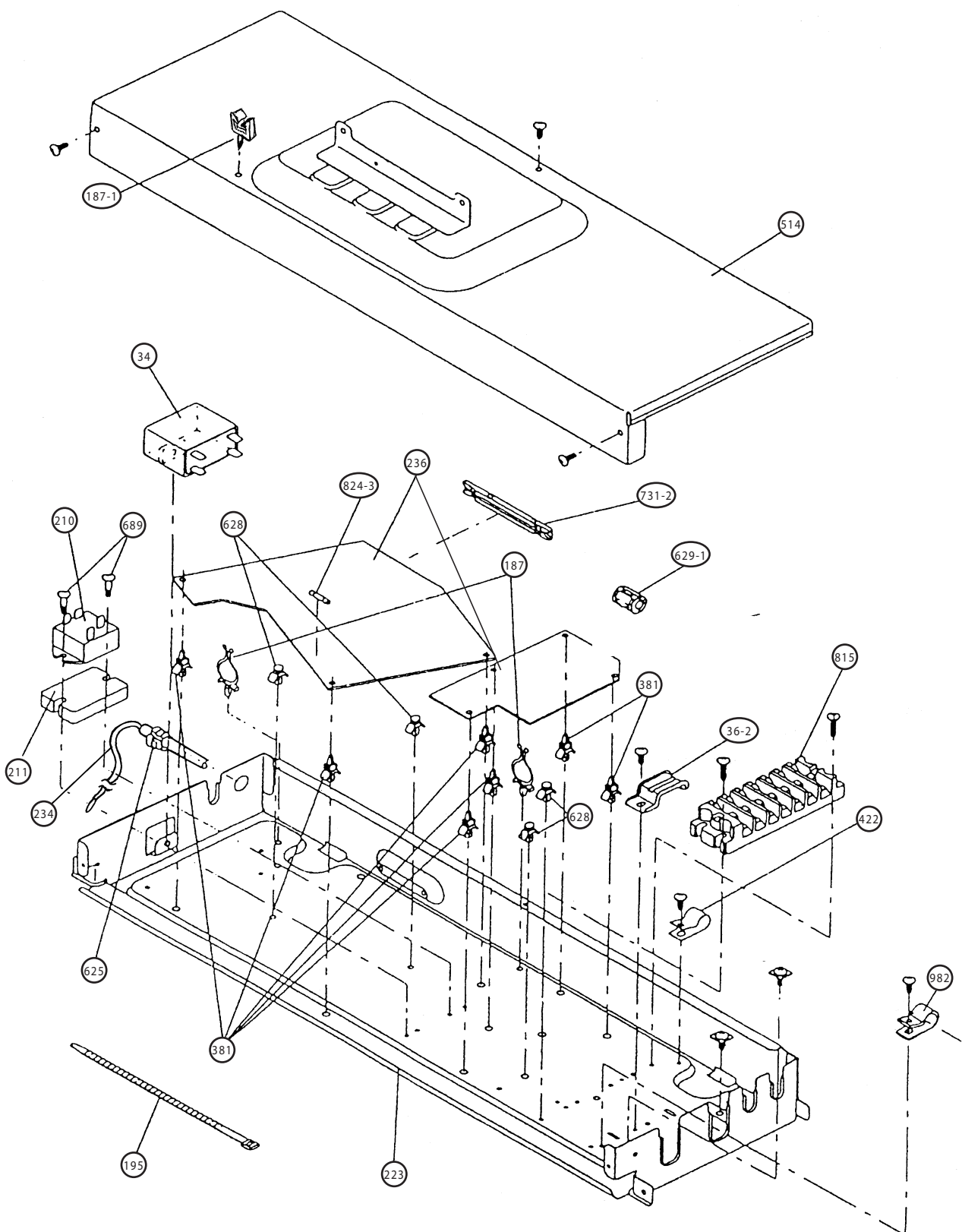


Models : RY-14FB  
RY-14UB  
RY-18FB



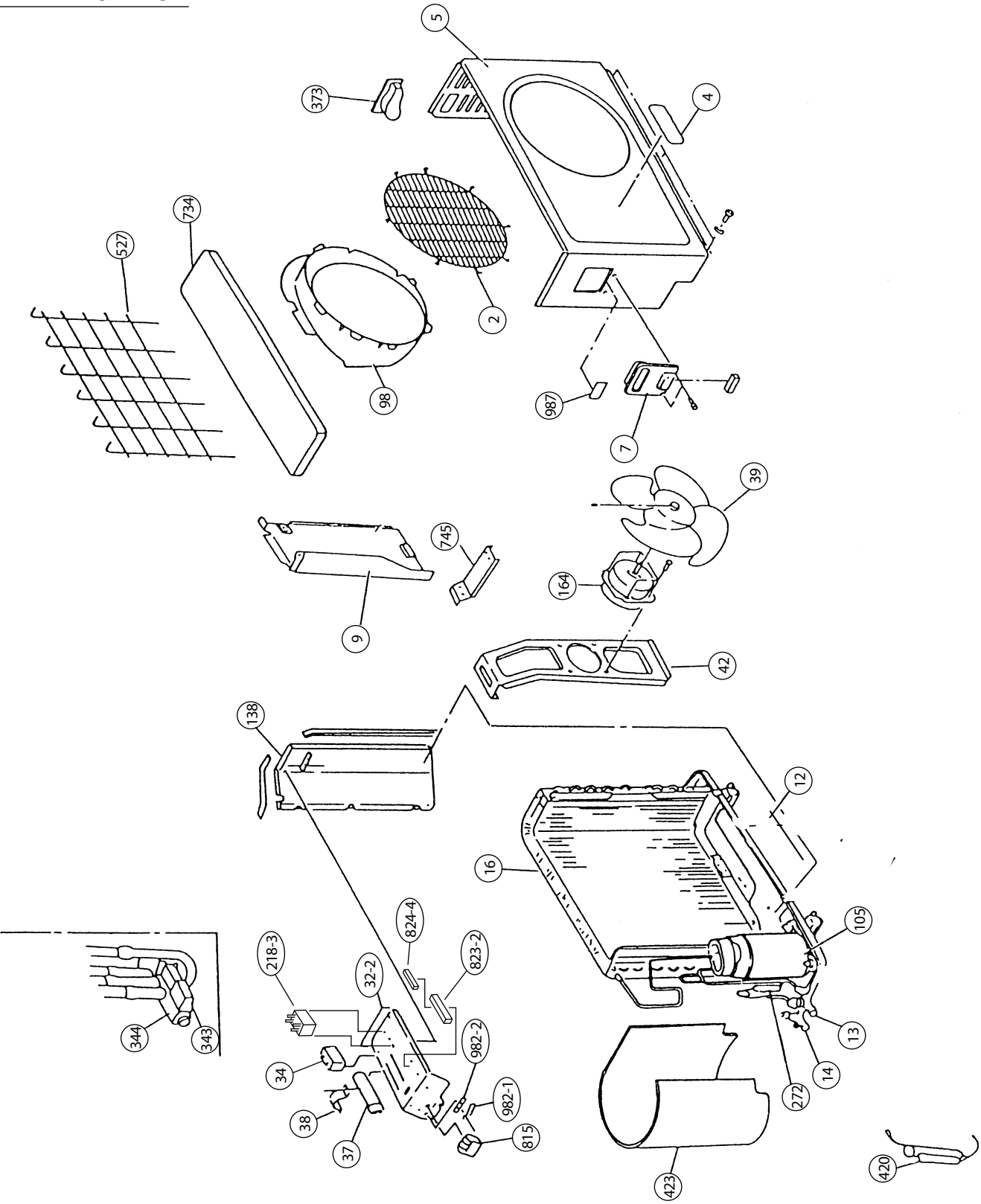
Models : RY-18UB  
RY-24FB  
RY-24UB



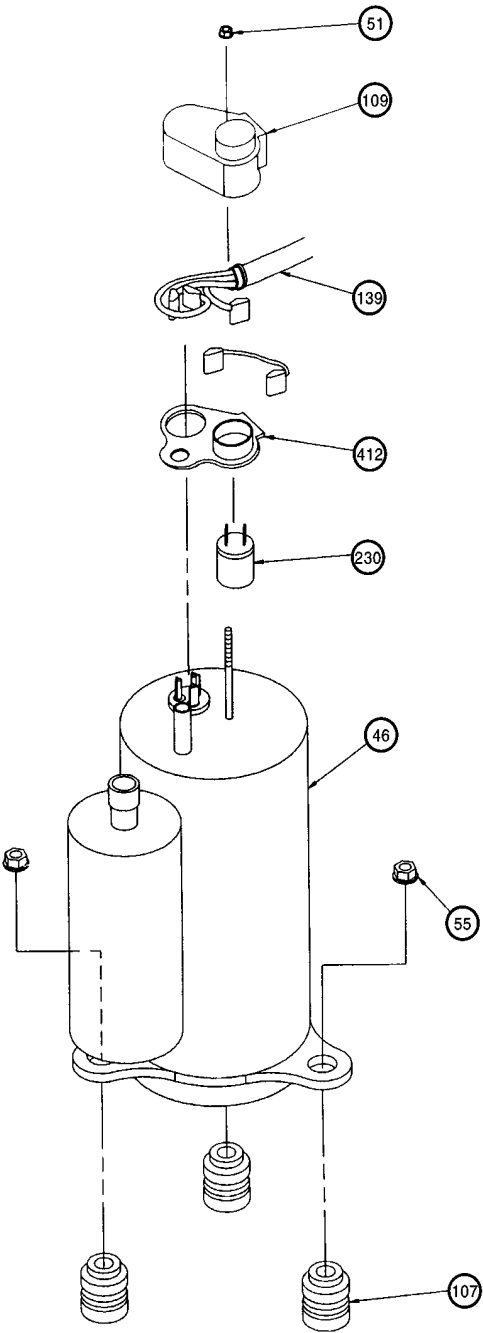




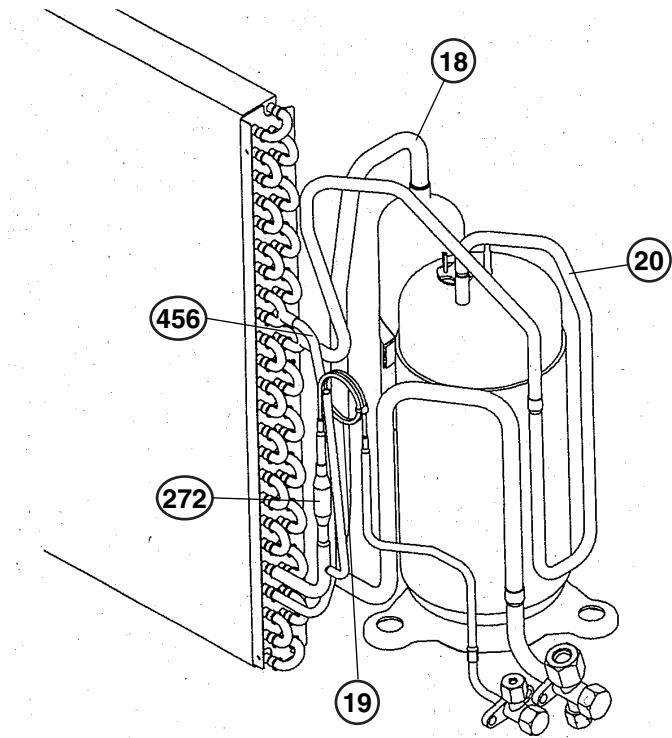
Models : ROD-14FA  
ROD-14UA



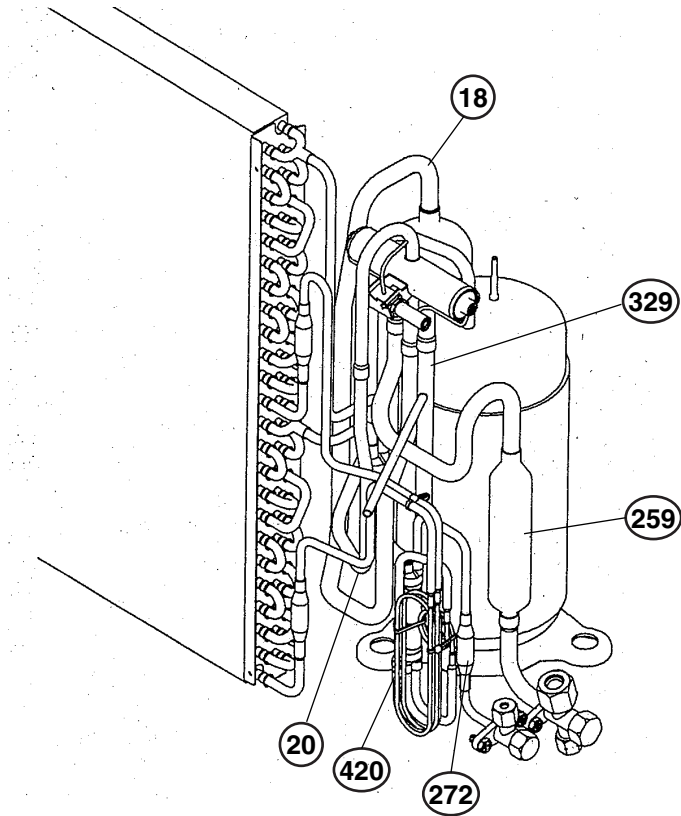
Models : ROD-14FA  
ROD-14UA



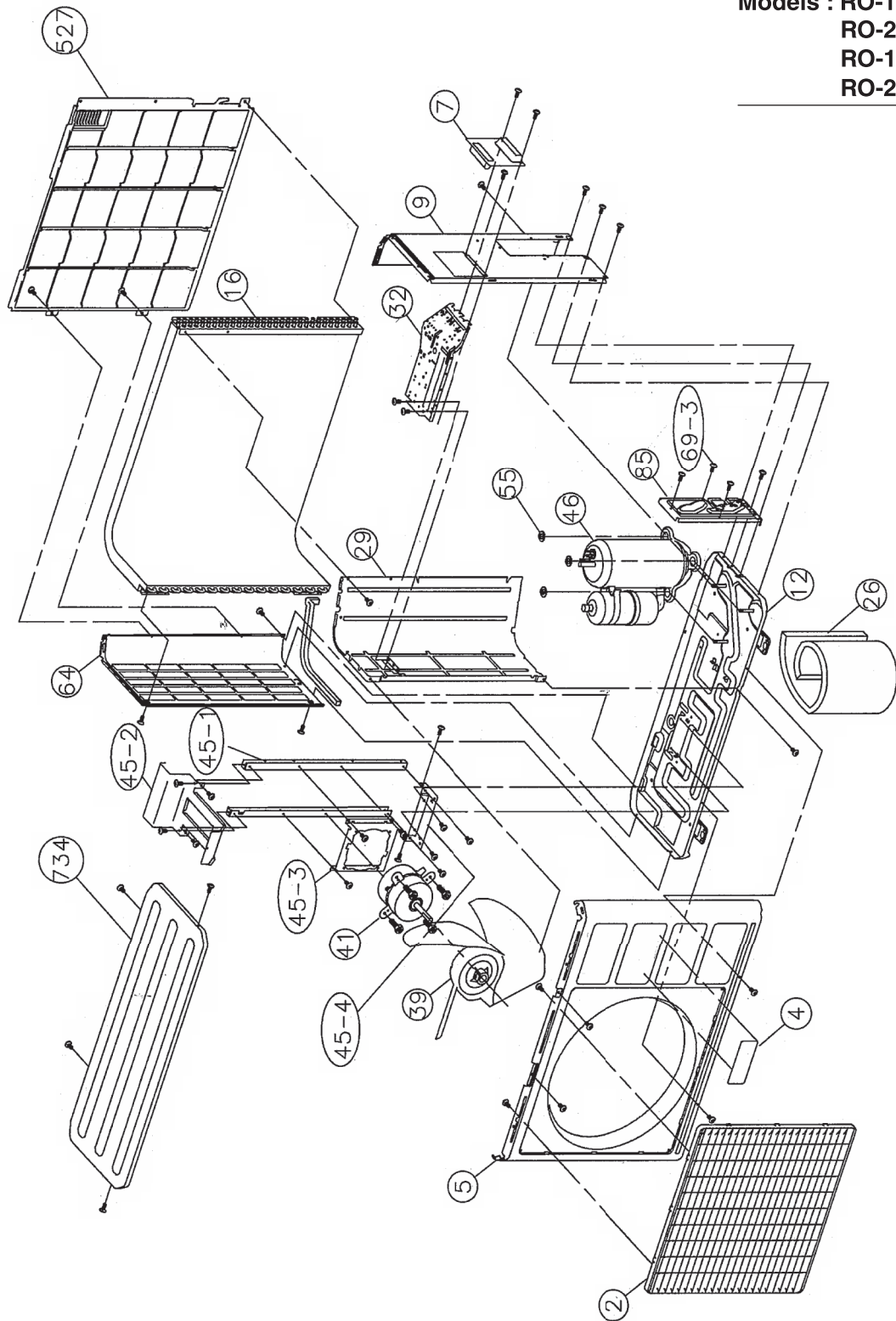
**Model : ROD-14FA**



**Model : ROD-14UA**

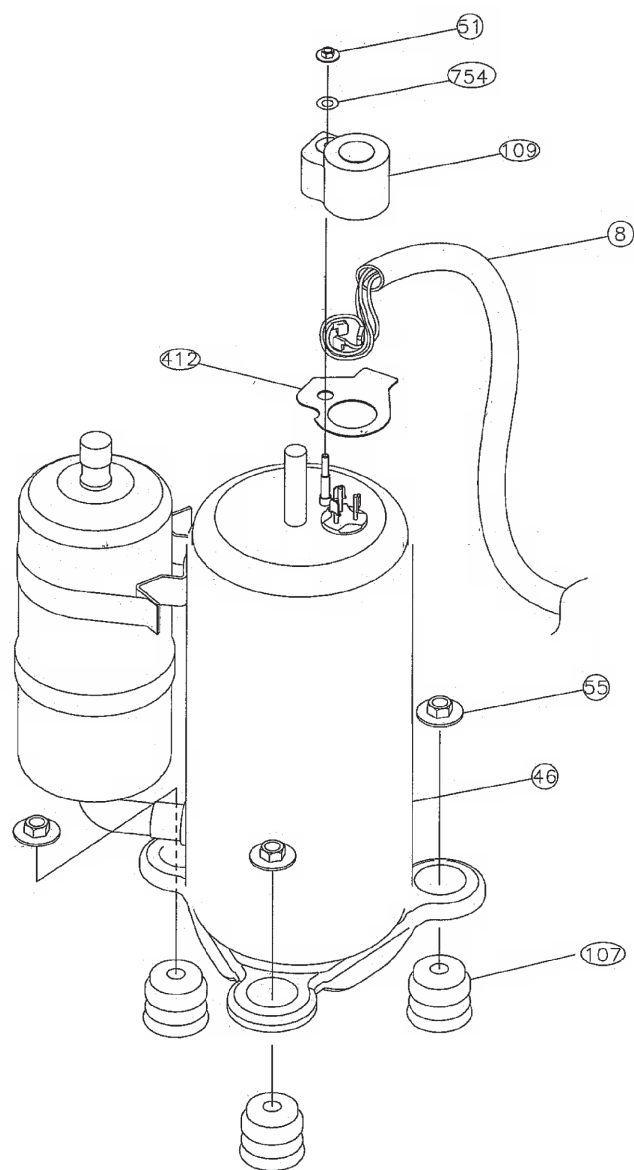


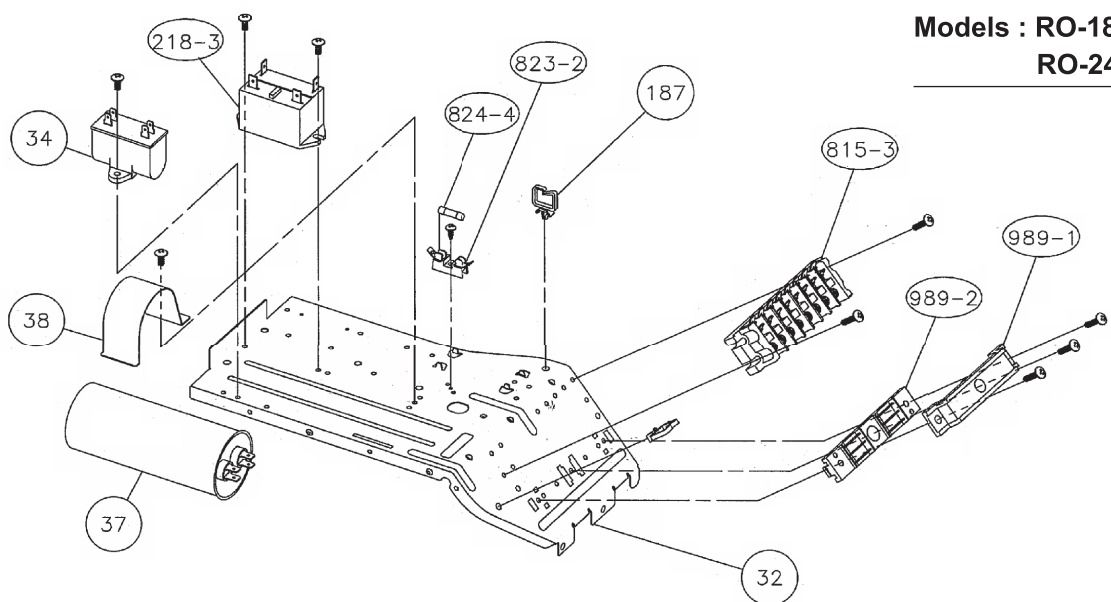
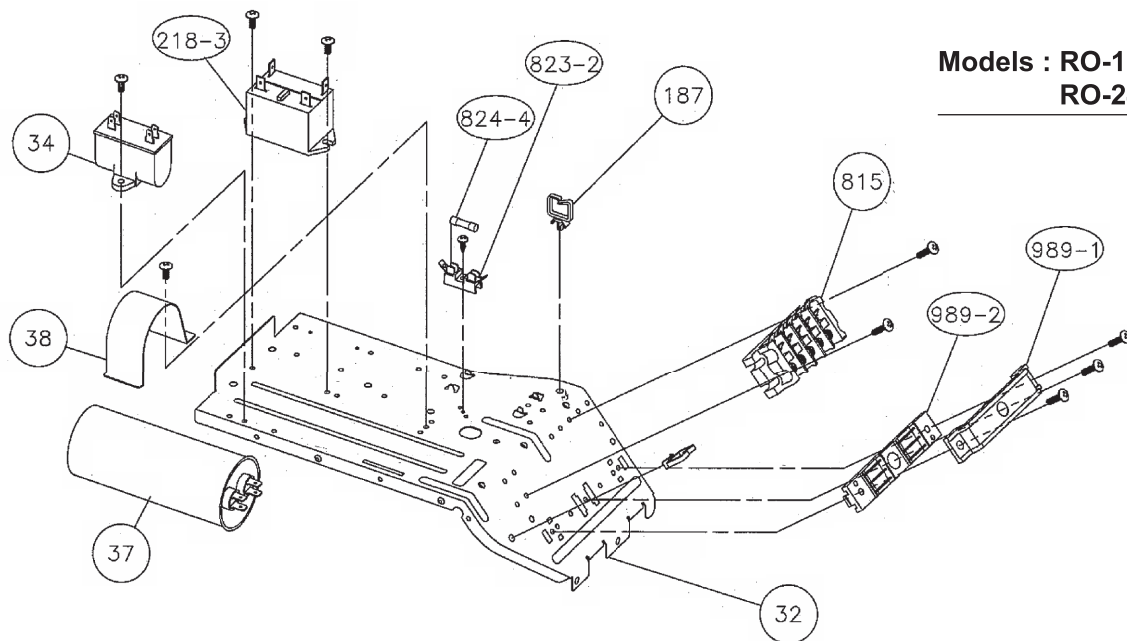
Models : RO-18FB  
RO-24FB  
RO-18UB  
RO-24UB



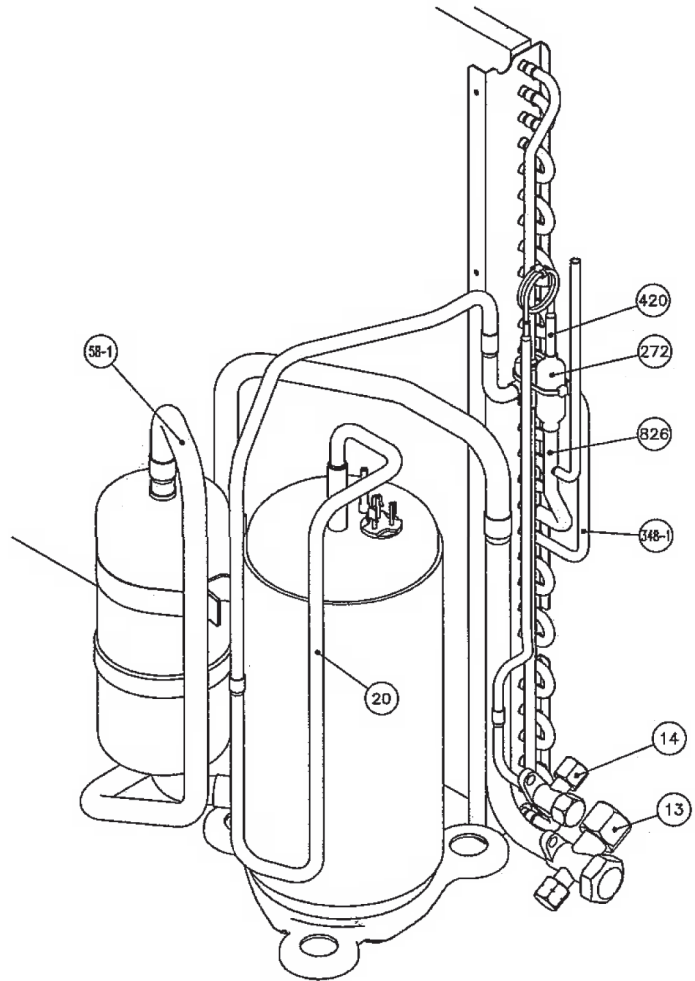
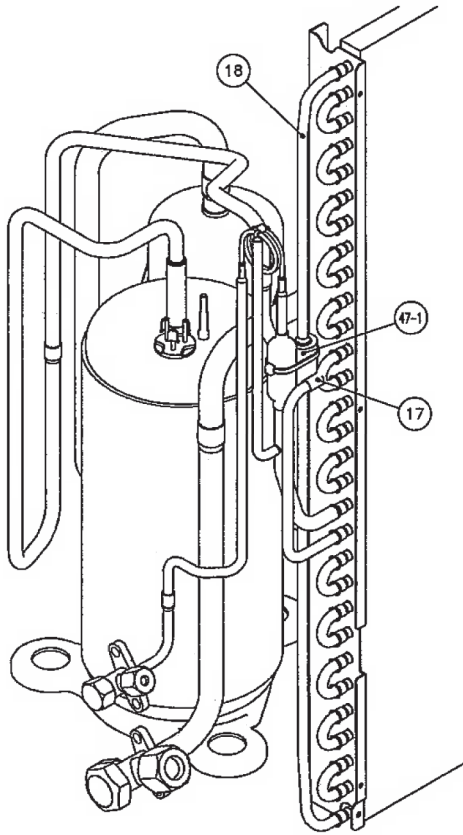
Models : RO-18FB  
RO-18UB  
RO-24FB  
RO-24UB

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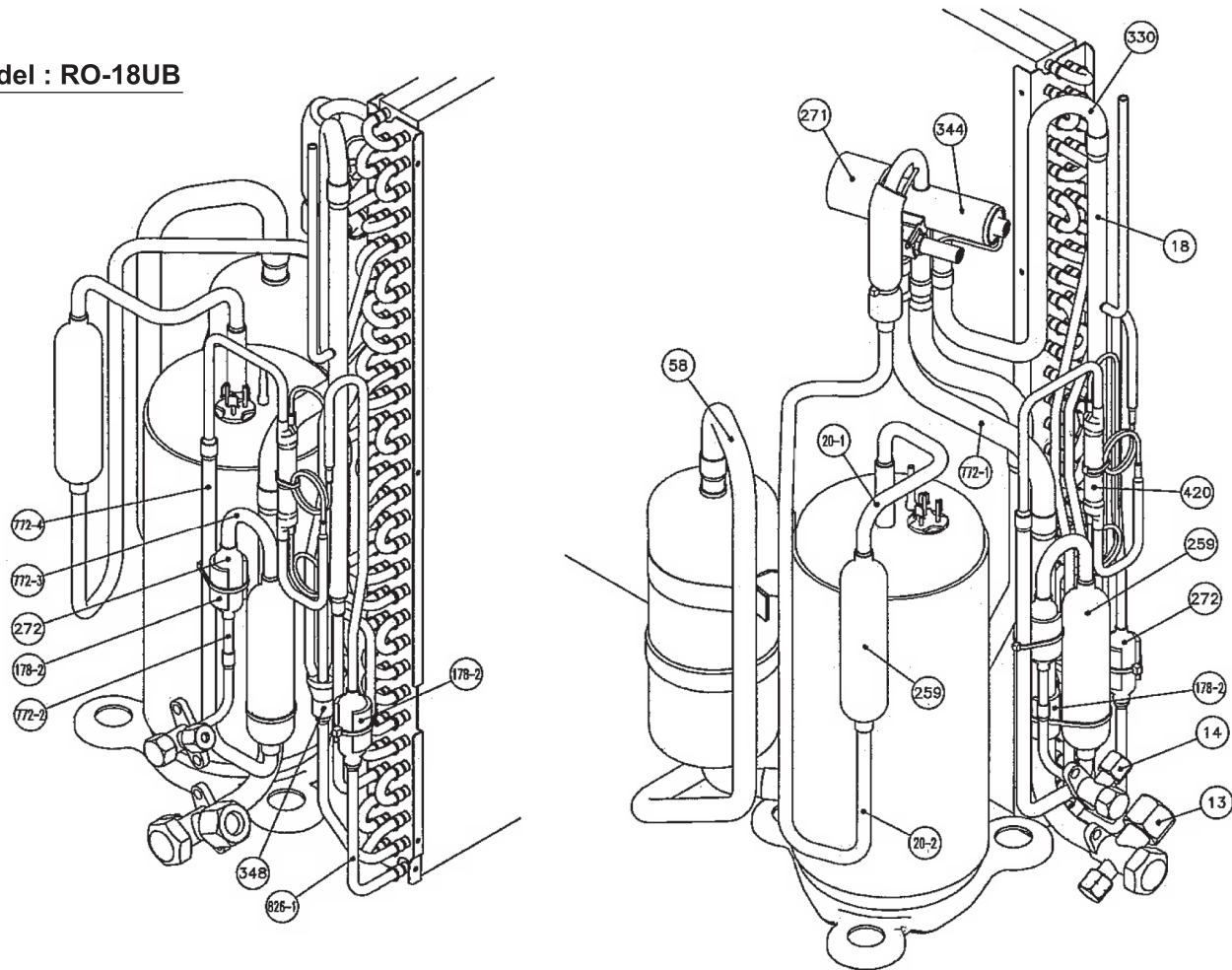




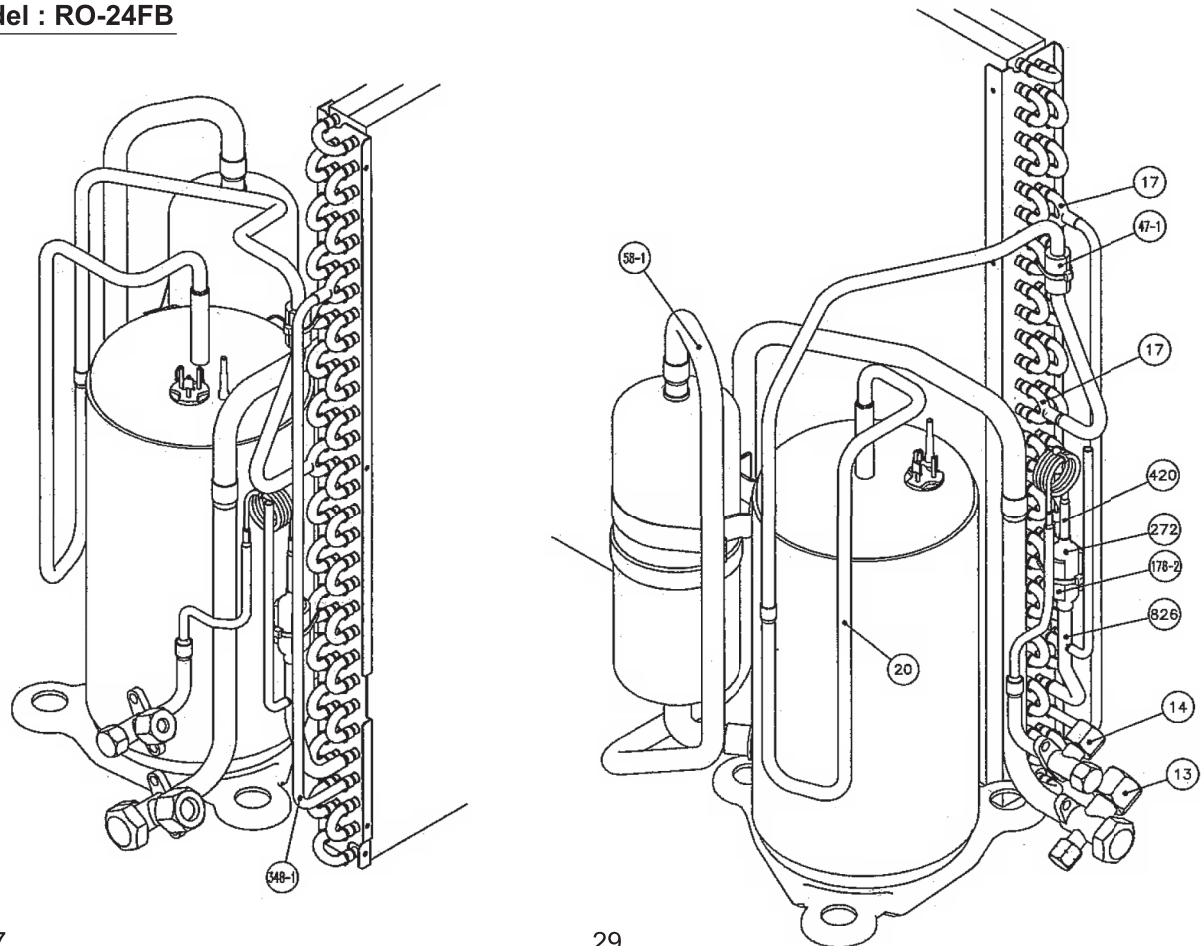
**Model : RO-18FB**



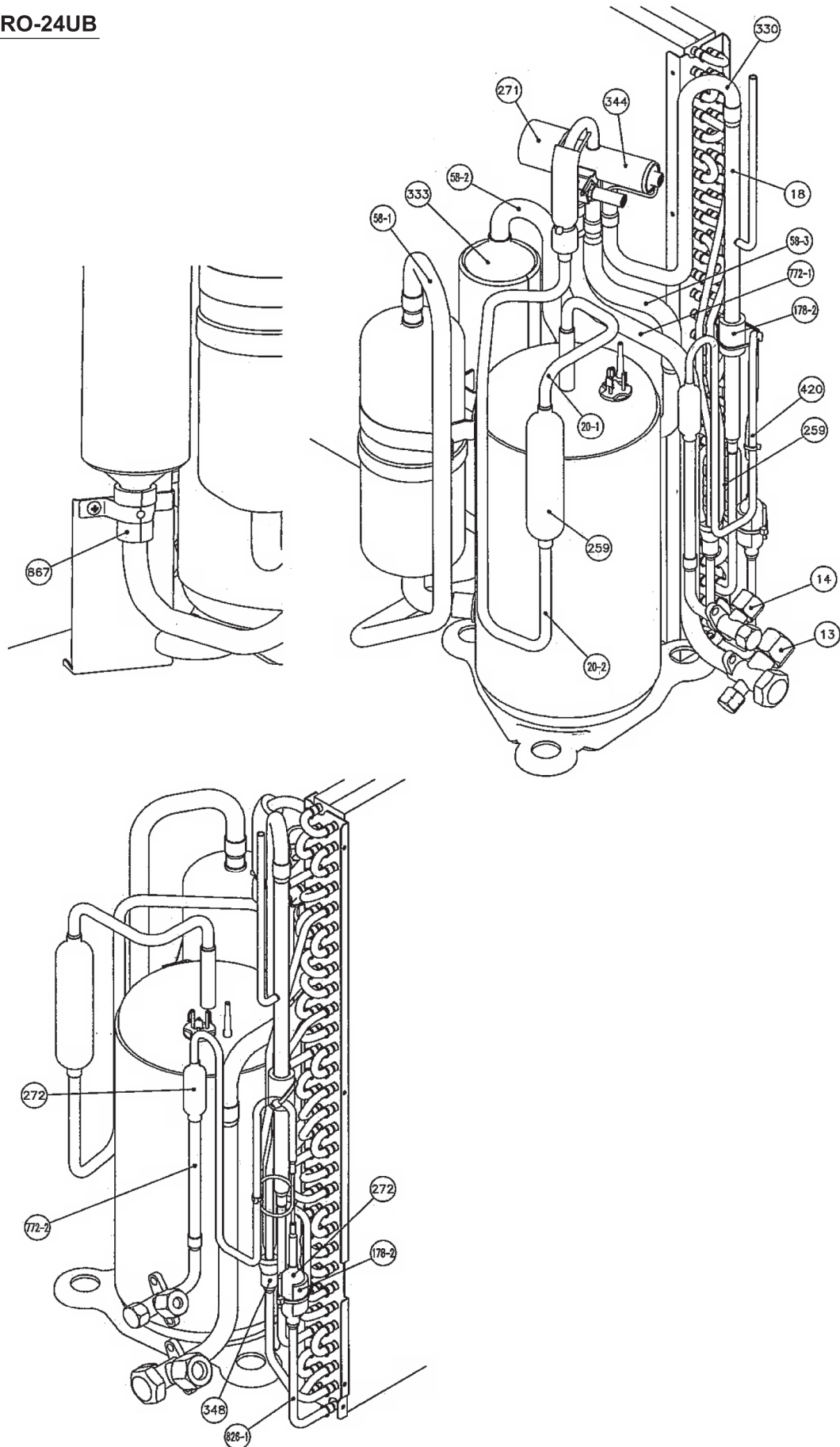
**Model : RO-18UB**



**Model : RO-24FB**



**Model : RO-24UB**



# 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.<br>No. | Description                      | Part No.                     |                               |                              |                              |                              |                               | Ord.<br>Q'ty |
|-------------|----------------------------------|------------------------------|-------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|--------------|
|             |                                  | RY-14FB                      | RY-14UB                       | RY-18FB                      | RY-18UB                      | RY-24FB                      | RY-24UB                       |              |
| 8-1         | Air Filter                       | 9358567029                   | 9358567029                    | 9358567029                   | 9358567029                   | 9358567029                   | 9358567029                    |              |
| 34          | Capacitor (Fan Motor) 2.3μF/450V | —                            | —                             | 9703306044                   | 9703306044                   | 9703306044                   | 9703306044                    |              |
| 34          | Capacitor (Fan Motor) 1.6μF/400V | 9704305039                   | 9704305039                    | —                            | —                            | —                            | —                             |              |
| 36-2        | Cord Holder Metal                | 9356362008                   | 9356362008                    | 9356362008                   | 9356362008                   | 9356362008                   | 9356362008                    |              |
| 56          | Sirocco Fan Assy                 | 9385258006                   | 9385258006                    | 9385258006                   | 9385258006                   | 9385258006                   | 9385258006                    |              |
| 67          | Rubber (Vibration-proof)         | 9385102002                   | 9385102002                    | 9385102002                   | 9385102002                   | 9385102002                   | 9385102002                    |              |
| 69          | Louver                           | 9358561010                   | 9358561010                    | 9358561010                   | 9358561010                   | 9358561010                   | 9358561010                    |              |
| 68          | Cap, Plastic                     | 9358563007                   | 9358563007                    | 9358563007                   | 9358563007                   | 9358563007                   | 9358563007                    |              |
| 108         | Base Assy                        | 9359061014                   | 9359061014                    | 9359061014                   | 9359061014                   | 9359061014                   | 9359061014                    |              |
| 109         | Casing, Plastic                  | 9358543009                   | 9358543009                    | 9358543009                   | 9358543009                   | 9358543009                   | 9358543009                    |              |
| 124         | Dew Proof Plate                  | 9359196006                   | 9359196006                    | 9359196006                   | 9359196006                   | 9359196006                   | 9359196006                    |              |
| 126         | Motor Fixing Table Assy          | 9358591000                   | 9358591000                    | 9358591000                   | 9358591000                   | 9358591000                   | 9358591000                    |              |
| 127         | Drain Hose Assy                  | 9359242000                   | 9359242000                    | 9359242000                   | 9359242000                   | 9359242000                   | 9359242000                    |              |
| 138         | Separate Wall-A                  | 9358584002                   | 9358584002                    | 9358584002                   | 9358584002                   | 9358584002                   | 9358584002                    |              |
| 146         | Evaporator Assy KB07             | —                            | —                             | —                            | 9362513036                   | 9362513036                   | 9362513036                    |              |
| 146         | Evaporator Assy KB45             | 9362513029                   | 9362513029                    | 9362513029                   | —                            | —                            | —                             |              |
| 160         | Drain Pan Assy                   | 9358568002                   | 9358568002                    | 9358568002                   | 9358568002                   | 9358568002                   | 9358568002                    |              |
| 164         | Fan Motor Assy-IN MFA-24JTT      | —                            | —                             | —                            | —                            | 9601527015                   | 9601527015                    |              |
| 164         | Fan Motor Assy-IN MFA-18JTT      | —                            | —                             | 9601527022                   | 9601527022                   | —                            | —                             |              |
| 164         | Fan Motor Assy-IN MFA-14JTT      | 9601527039                   | 9601527039                    | —                            | —                            | —                            | —                             |              |
| 173         | Hanger Bracket-L                 | 9358596005                   | 9358596005                    | 9358596005                   | 9358596005                   | 9358596005                   | 9358596005                    |              |
| 174         | Hanger Bracket-R                 | 9358595008                   | 9358595008                    | 9358595008                   | 9358595008                   | 9358595008                   | 9358595008                    |              |
| 184-1       | Thermistor Spring-A              | 313728262708                 | 313728262708                  | 313728262708                 | 313728262708                 | 313728262708                 | 313728262708                  |              |
| 187         | Clamp No. 1219                   | 313361271706                 | 313361271706                  | 313361271706                 | 313361271706                 | 313361271706                 | 313361271706                  |              |
| 187-1       | Clip (Cable)                     | 9352715006                   | 9352715006                    | 9352715006                   | 9352715006                   | 9352715006                   | 9352715006                    |              |
| 195         | Clamp SKB-100                    | 313361275805                 | 313361275805                  | 313361275805                 | 313361275805                 | 313361275805                 | 313361275805                  |              |
| 196-1       | Clamp SKB-3M                     | 312300787605                 | 312300787605                  | 312300787605                 | 312300787605                 | 312300787605                 | 312300787605                  |              |
| 210         | Main Relay                       | 9353611017                   | —                             | 9353611017                   | —                            | 9353611017                   | —                             |              |
| 211         | Cushion Rubber                   | 313806328306                 | —                             | 313806328306                 | —                            | 313806328306                 | —                             |              |
| 223         | Control Box                      | 9358600016                   | 9358600016                    | 9358600016                   | 9358600016                   | 9358600016                   | 9358600016                    |              |
| 234         | Thermistor Assy-Room             | 9703299087                   | 9703299087                    | 9703299087                   | 9703299087                   | 9703299087                   | 9703299087                    |              |
| 235         | Thermistor Assy-Pipe             | 9900022020                   | 9900022020                    | 9900022020                   | 9900022020                   | 9900022020                   | 9900022020                    |              |
| 236         | Controller PCB Assy              | 9704557094<br>(EZ-001LWSE-C) | 9704557551<br>(EZ-00100HSE-C) | 9704557216<br>(EZ-002YWSE-C) | 9704557551<br>(EZ-0021HSE-C) | 9704557131<br>(EZ-002TWSE-C) | 9704557148<br>(EZ-00210HSE-C) |              |
| 240         | Remote Control Unit AR-JW1       | —                            | 9371190013                    | —                            | 9371190013                   | —                            | 9371190013                    |              |
| 240         | Remote Control Unit AR-JW2       | 9371190020                   | —                             | 9371190020                   | —                            | 9371190020                   | —                             |              |
| 320         | Flap (Upper)-O (FUJI)            | 9358540015                   | 9358540015                    | 9358540015                   | 9358540015                   | 9358540015                   | 9358540015                    |              |
| 321         | Flap (Lower)                     | 9358541012                   | 9358541012                    | 9358541012                   | 9358541012                   | 9358541012                   | 9358541012                    |              |
| 338         | Motor Fixture                    | 9358594001                   | 9358594001                    | 9358594001                   | 9358594001                   | 9358594001                   | 9358594001                    |              |
| 361         | Bushing                          | 9357942001                   | 9357942001                    | 9357942001                   | 9357942001                   | 9357942001                   | 9357942001                    |              |
| 361-2       | Bushing-B, Plastic               | 9358554005                   | 9358554005                    | 9358554005                   | 9358554005                   | 9358554005                   | 9358554005                    |              |
| 361-3       | Bushing-C, Plastic               | 9358553008                   | 9358553008                    | 9358553008                   | 9358553008                   | 9358553008                   | 9358553008                    |              |
| 365-1       | Special Screw                    | 9359092001                   | 9359092001                    | 9359092001                   | 9359092001                   | 9359092001                   | 9359092001                    |              |
| 365-2       | Special Screw                    | 9359091004                   | 9359091004                    | 9359091004                   | 9359091004                   | 9359091004                   | 9359091004                    |              |
| 381         | Locking Spacer, KGLS-45          | 313209391506                 | 313209391506                  | 313209391506                 | 313209391506                 | 313209391506                 | 313209391506                  |              |
| 385         | Indicator PCB Assy EZ-0964HSE-D  | 9701873012                   | 9701873012                    | 9701873012                   | 9701873012                   | 9701873012                   | 9701873012                    |              |
| 407         | Motor Rod                        | 9358560006                   | 9358560006                    | 9358560006                   | 9358560006                   | 9358560006                   | 9358560006                    |              |
| 408         | Louver Link                      | 9358556009                   | 9358556009                    | 9358556009                   | 9358556009                   | 9358556009                   | 9358556009                    |              |
| 416         | Insulation (Panel)-A             | 9358574003                   | 9358574003                    | 9358574003                   | 9358574003                   | 9358574003                   | 9358574003                    |              |
| 417         | Insulation (Panel)-B             | 9358914007                   | 9358914007                    | 9358914007                   | 9358914007                   | 9358914007                   | 9358914007                    |              |
| 418         | Insulation (Flap Base)           | 9358572009                   | 9358572009                    | 9358572009                   | 9358572009                   | 9358572009                   | 9358572009                    |              |

**INDOOR UNIT (Continued)**

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| Ref. No. | Description                               | Part No.                      |                               |                               |                               |                               |                               | Ord. Q'ty |
|----------|-------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-----------|
|          |                                           | RY-14FB                       | RY-14UB                       | RY-18FB                       | RY-18UB                       | RY-24FB                       | RY-24UB                       |           |
| 422      | Clamp NK-10N                              | 9359183006                    | 9359183006                    | 9359183006                    | 9359183006                    | 9359183006                    | 9359183006                    |           |
| 439      | Drain Pan Wire                            | 9358598009                    | 9358598009                    | 9358598009                    | 9358598009                    | 9358598009                    | 9358598009                    |           |
| 443      | Arm Bracket                               | 9359281009                    | 9359281009                    | 9359281009                    | 9359281009                    | 9359281009                    | 9359281009                    |           |
| 470      | Separate Wall-B                           | 9358585009                    | 9358585009                    | 9358585009                    | 9358585009                    | 9358585009                    | 9358585009                    |           |
| 472      | Grille Support                            | 9358602003                    | 9358602003                    | 9358602003                    | 9358602003                    | 9358602003                    | 9358602003                    |           |
| 473      | Filter Bracket                            | 9358607008                    | 9358607008                    | 9358607008                    | 9358607008                    | 9358607008                    | 9358607008                    |           |
| 488      | Grill-G                                   | 9358533017                    | 9358533017                    | 9358533017                    | 9358533017                    | 9358533017                    | 9358533017                    |           |
| 500      | Protect Cover                             | 9358564004                    | 9358564004                    | 9358564004                    | 9358564004                    | 9358564004                    | 9358564004                    |           |
| 502      | Support Stay                              | 9358599006                    | 9358599006                    | 9358599006                    | 9358599006                    | 9358599006                    | 9358599006                    |           |
| 503      | Louver Shaft                              | 9358557006                    | 9358557006                    | 9358557006                    | 9358557006                    | 9358557006                    | 9358557006                    |           |
| 505      | Louver Stopper                            | 9358555002                    | 9358555002                    | 9358555002                    | 9358555002                    | 9358555002                    | 9358555002                    |           |
| 506      | Louver Rod                                | 9358559000                    | 9358559000                    | 9358559000                    | 9358559000                    | 9358559000                    | 9358559000                    |           |
| 508      | Cosmetic Panel-R                          | 9358535011                    | 9358535011                    | 9358535011                    | 9358535011                    | 9358535011                    | 9358535011                    |           |
| 509      | Cosmetic Panel-L                          | 9358536018                    | 9358536018                    | 9358536018                    | 9358536018                    | 9358536018                    | 9358536018                    |           |
| 514      | Control Box Cover                         | 9359097006                    | 9359097006                    | 9359097006                    | 9359097006                    | 9359097006                    | 9359097006                    |           |
| 520      | Flap Base                                 | 9358537015                    | 9358537015                    | 9358537015                    | 9358537015                    | 9358537015                    | 9358537015                    |           |
| 521      | Louver Link Cover                         | 9358558003                    | 9358558003                    | 9358558003                    | 9358558003                    | 9358558003                    | 9358558003                    |           |
| 552      | Insulation (Eva.)-R                       | 9358575000                    | 9358575000                    | 9358575000                    | 9358575000                    | 9358575000                    | 9358575000                    |           |
| 553      | Insulation (Eva.)-L                       | 9358857007                    | 9358857007                    | 9358857007                    | 9358857007                    | 9358857007                    | 9358857007                    |           |
| 554      | Flap Link-Upper (Step Motor-V)            | 9358551004                    | 9358551004                    | 9358551004                    | 9358551004                    | 9358551004                    | 9358551004                    |           |
| 555      | Flap Link-Lower (Step Motor-V)            | 9358552001                    | 9358552001                    | 9358552001                    | 9358552001                    | 9358552001                    | 9358552001                    |           |
| 558      | Motor Rod-A (Step Motor-V)                | 9358550007                    | 9358550007                    | 9358550007                    | 9358550007                    | 9358550007                    | 9358550007                    |           |
| 574-1    | Evaporator Fixture-R (Bracket)            | 9358589007                    | 9358589007                    | 9358589007                    | 9358589007                    | 9358589007                    | 9358589007                    |           |
| 574-2    | Evaporator Fixture-L (Bracket)            | 9358590003                    | 9358590003                    | 9358590003                    | 9358590003                    | 9358590003                    | 9358590003                    |           |
| 577      | Catch TL-119                              | 9359096009                    | 9359096009                    | 9359096009                    | 9359096009                    | 9359096009                    | 9359096009                    |           |
| 578      | Base Bracket (Reinforcement Metal)        | 9358586006                    | 9358586006                    | 9358586006                    | 9358586006                    | 9358586006                    | 9358586006                    |           |
| 580      | Top Cover                                 | 9358534014                    | 9358534014                    | 9358534014                    | 9358534014                    | 9358534014                    | 9358534014                    |           |
| 581      | Protector, Metal (Fan Motor)              | 9359282006                    | 9359282006                    | 9359282006                    | 9359282006                    | 9359282006                    | 9359282006                    |           |
| 588-1    | Evaporator Bracket-R                      | 9358587003                    | 9358587003                    | 9358587003                    | 9358587003                    | 9358587003                    | 9358587003                    |           |
| 588-2    | Evaporator Bracket-L                      | 9358588000                    | 9358588000                    | 9358588000                    | 9358588000                    | 9358588000                    | 9358588000                    |           |
| 625      | Cord Bushing KR-51                        | 9359240006                    | 9359240006                    | 9359240006                    | 9359240006                    | 9359240006                    | 9359240006                    |           |
| 628      | Locking Spacer-B                          | 313005446558                  | 313005446558                  | 313005446558                  | 313005446558                  | 313005446558                  | 313005446558                  |           |
| 629-1    | EMI Filter                                | 0400247074                    | 0400247074                    | 0400247074                    | 0400247074                    | 0400247074                    | 0400247074                    |           |
| 652-1    | Thermistor Holder Pipe                    | 313806262805                  | 313806262805                  | 313806262805                  | 313806262805                  | 313806262805                  | 313806262805                  |           |
| 653-1    | Bolt (Fan Motor Fixing)                   | 0700156014                    | 0700156014                    | 0700156014                    | 0700156014                    | 0700156014                    | 0700156014                    |           |
| 653-2    | Bolt                                      | 0700190018                    | 0700190018                    | 0700190018                    | 0700190018                    | 0700190018                    | 0700190018                    |           |
| 684      | Motor Base                                | 9358562000                    | 9358562000                    | 9358562000                    | 9358562000                    | 9358562000                    | 9358562000                    |           |
| 689      | Screw, Grip Tapping<br>SN+4016 ZNY w/Grip | 9357837000                    | —                             | 9357837000                    | —                             | 9357837000                    | —                             |           |
| 731-2    | Holder (Guide Rail)                       | 0600241018                    | 0600241018                    | 0600241018                    | 0600241018                    | 0600241018                    | 0600241018                    |           |
| 735      | Distributor As                            | 9373034018                    | 9373034018                    | 9373034018                    | 9373034032                    | 9373034025                    | 9373034025                    |           |
| 743      | Remote Control Unit Holder                | 9305642014                    | 9305642014                    | 9305642014                    | 9305642014                    | 9305642014                    | 9305642014                    |           |
| 755      | Casing Cover                              | 9358544006                    | 9358544006                    | 9358544006                    | 9358544006                    | 9358544006                    | 9358544006                    |           |
| 764      | Drain Cap                                 | 9358746004                    | 9358746004                    | 9358746004                    | 9358746004                    | 9358746004                    | 9358746004                    |           |
| 771      | Panel Assy (FUJI)                         | 9359076032                    | 9359076032                    | 9359076032                    | 9359076032                    | 9359076032                    | 9359076032                    |           |
| 790      | Coupring Pipe Assy                        | 9373038061                    | 9373038061                    | 9373038016                    | 9373038023                    | 9373038023                    | 9373038023                    |           |
| 800      | Bypass Pipe Assy                          | 9373032014                    | 9373032014                    | 9373032014                    | 9373032021                    | 9373032021                    | 9373032021                    |           |
| 810      | Bypass Pipe B                             | —                             | —                             | —                             | 9371346038                    | 9371346038                    | 9371346038                    |           |
| 815      | Terminal 7P                               | —                             | 9358660102                    | —                             | 9358660102                    | —                             | 9358660102                    |           |
| 815-1    | Terminal 3P                               | 9900203016                    | —                             | —                             | —                             | —                             | —                             |           |
| 824-3    | Fuse BET3.15A - 250V                      | 0600222512                    | 0600222512                    | 0600222512                    | 0600222512                    | 0600222512                    | 0600222512                    |           |
| 868      | PCB Holder                                | 9358547007                    | 9358547007                    | 9358547007                    | 9358547007                    | 9358547007                    | 9358547007                    |           |
| 870-1    | Arm                                       | 9358565001                    | 9358565001                    | 9358565001                    | 9358565001                    | 9358565001                    | 9358565001                    |           |
| 870-2    | Center Arm                                | 9359280002                    | 9359280002                    | 9359280002                    | 9359280002                    | 9359280002                    | 9359280002                    |           |
| 875      | Power Supply PCB Assy                     | 9704561022<br>(EZ-00101HSE-P) | 9704561022<br>(EZ-00101HSE-P) | 9704561022<br>(EZ-00101HSE-P) | 9704561077<br>(EZ-00210HSE-P) | 9704561022<br>(EZ-00101HSE-P) | 9704561077<br>(EZ-00210HSE-P) |           |
| 876-1    | Step Motor-H                              | 9359106012                    | 9359106012                    | 9359106012                    | 9359106012                    | 9359106012                    | 9359106012                    |           |
| 876-2    | Step Motor-V                              | 9359105015                    | 9359105015                    | 9359105015                    | 9359105015                    | 9359105015                    | 9359105015                    |           |
| 923      | Control Box Bracket                       | 9358717004                    | 9358717004                    | 9358717004                    | 9358717004                    | 9358717004                    | 9358717004                    |           |
| 982      | Cord Clamp                                | 9357864006                    | 9357864006                    | —                             | 9357886008                    | —                             | 9357886008                    |           |

## OUTDOOR UNIT

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| Ref.<br>No. | Description                 | Part No.     |              | Ord.<br>Q'ty |
|-------------|-----------------------------|--------------|--------------|--------------|
|             |                             | ROD-14FA     | ROD-14UA     |              |
| 2           | Fan Cover                   | 9304109006   | 9304109006   |              |
| 4           | Emblem-Rear                 | 9361328006   | 9361328006   |              |
| 5           | Cabinet, Painted            | 9302936017   | 9302936017   |              |
| 7           | Connector Cover (Cabinet)   | 9357970004   | 9357970004   |              |
| 9           | Cabinet Rear Panel          | 9303744017   | 9303744017   |              |
| 12          | Base Assy, Painted          | 9310889077   | 9310889077   |              |
| 13          | 3-Way Valve                 | 9372205105   | 9389312087   |              |
| 14          | 2-Way Valve                 | 9372204030   | 9389311110   |              |
| 16          | Condenser Assy              | 9373131045   | 9373131014   |              |
| 18          | Suction Pipe                | 9364832005   | 9364827001   |              |
| 20          | Discharge Pipe Assy         | 9364830001   | —            |              |
| 20          | Discharge Pipe              | —            | 9364826004   |              |
| 32-2        | Control Box Metal-A         | 9355843003   | 9355843003   |              |
| 34          | Capacitor (Fan Motor)       | 9704305039   | 9704305039   |              |
| 37          | Running Capacitor           | 9356386066   | 9356386066   |              |
| 38          | Capacitor Clamp Metal       | 313468061808 | 313468061808 |              |
| 39          | Propeller Fan Assy          | 9351589011   | 9351589011   |              |
| 42          | Bracket (Motor)             | 313166243804 | 313166243804 |              |
| 51          | Special Nut M5 (For Comp.)  | 9359430018   | 9359430018   |              |
| 55          | Special Nut M8 (For Comp.)  | 9355091008   | 9355091008   |              |
| 98          | Fan Ring                    | 313166296109 | 313166296109 |              |
| 105         | Compressor Assy             | 9364723006   | 9364723006   |              |
| 107         | Rubber Seat-A (For Comp.)   | 9359425014   | 9359425014   |              |
| 109         | Terminal Cover (For Comp.)  | 9364724003   | 9364724003   |              |
| 138         | Separate Wall Assy          | 9303729014   | 9303729014   |              |
| 164         | Fan Motor Assy-Out          | 9601113010   | 9601113010   |              |
| 259         | Muffler                     | —            | 313505083900 |              |
| 272         | Strainer                    | 9357309002   | 9301340006   |              |
| 329         | Coupling Pipe Assy          | —            | 9372197189   |              |
| 332-3       | Suction Pipe-A              | —            | 9352384004   |              |
| 343         | Solenoid                    | —            | 9704061034   |              |
| 344         | 4-Way Valve                 | —            | 9307556012   |              |
| 373         | Grip                        | 313166178700 | 313166178700 |              |
| 412         | Terminal Gasket (For Comp.) | 9364725000   | 9364725000   |              |
| 420         | Capillary Assy              | 9372197189   | 9370336016   |              |
| 423         | Noise Insulation-F          | 9350944019   | 9350944019   |              |
| 456         | Pipe-A                      | 9352267017   | —            |              |
| 527         | Protection Net              | 9355444002   | 9355444002   |              |
| 582         | Discharge Pipe-F            | 9301425017   | —            |              |
| 734         | Cabinet Top Plate           | 9302937014   | 9302937014   |              |
| 745         | Motor Support               | 313166036308 | 313166036308 |              |
| 815         | Terminal 3P                 | 9355901424   | —            |              |
| 815         | Terminal 4P                 | —            | 9358660041   |              |
| 826         | Condensing Pipe-B           | —            | 313299175852 |              |
| 982-1       | Cord Clamp                  | 9356857009   | 9356857009   |              |
| 982-2       | Cord Clamp-B                | 9356858006   | 9356858006   |              |
| 987         | Insulation Sheet            | 9358372005   | 9358372005   |              |

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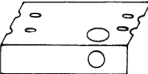
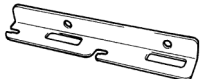
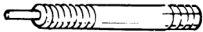
| Ref. No. | Description               | Part No.     |              | Ord. Q'ty |
|----------|---------------------------|--------------|--------------|-----------|
|          |                           | RO-18FB      | RO-24FB      |           |
| 2        | Fan Guard                 | 9371187013   | 9371187013   |           |
| 4        | Emblem-Rear               | 9361328006   | 9361328006   |           |
| 5        | Front Panel Ptd           | 9371924014   | 9371924014   |           |
| 7        | Connector Cover (Cabinet) | 9366398004   | 9366398004   |           |
| 8        | Wire Assy (Comp)          | 9372334010   | 9372334010   |           |
| 9        | Side Panel R Ptd          | 9371927015   | 9371927015   |           |
| 12       | Base Assy, Ptd            | 9371920054   | 9371920016   |           |
| 13       | 3-Way Valve Assy          | 9372205013   | 9372205013   |           |
| 14       | 2-Way Valve Assy          | 9372204016   | 9372204023   |           |
| 16       | Condenser Assy            | 9372181041   | 9372181027   |           |
| 26       | Compressor Cover          | 9372327012   | 9372327012   |           |
| 29       | Separate Wall             | 9371933016   | 9371933016   |           |
| 32       | Control Box               | 9371935010   | 9371935010   |           |
| 34       | Capacitor, Plastic        | 9900130022   | 9900130022   |           |
| 37       | Running Capacitor         | 9703107122   | 9703107023   |           |
| 38       | Capacitor Clamp Metal     | 9351770013   | 313791061807 |           |
| 39       | Propeller Fan Assy        | 9366378013   | 9366378013   |           |
| 41       | Motor Induct              | 9601671022   | 9601671022   |           |
| 45-1     | Motor Bracket             | 9371929019   | 9371929019   |           |
| 45-2     | Motor Bracket-Top         | 9371931012   | 9371931012   |           |
| 45-3     | Motor Bracket Center      | 9371930015   | 9371930015   |           |
| 45-4     | Motor Bracket Bottom      | 9371932019   | 9371932019   |           |
| 46       | Compressor Assy           | 9372558027   | 9372558010   |           |
| 47-1     | Rubber (Discharge Pipe)   | 313194159807 | 313194159807 |           |
| 51       | Special Nut M5            | 9300301015   | 9300301015   |           |
| 55       | Special Nut M8            | 9355091008   | 9355091008   |           |
| 64       | Side Panel L Ptd          | 9371926018   | 9371926018   |           |
| 69-3     | Bolt, Hex. Socket         | 301210060360 | 301210060360 |           |
| 85       | Valve Plate Ptd           | 9371928012   | 9371928012   |           |
| 107      | Rubber Seat-A             | 9351049010   | 9351049010   |           |
| 109      | Terminal Cover (Comp)     | 9371511016   | 9371511016   |           |
| 187      | Clip (Cable)              | 9352715006   | 9352715006   |           |
| 218-3    | Relay                     | 9900074012   | 9900074012   |           |
| 272      | Strainer                  | 9369287008   | 9369287008   |           |
| 412      | Cover Gasket (Comp.)      | 9371512013   | 9371512013   |           |
| 527      | Protective Net            | 9371934013   | 9371934013   |           |
| 734      | Top Plate                 | 9371925011   | 9371925011   |           |
| 735-3    | Capillary Assy            | 9372197066   | 9372197059   |           |
| 754      | Terminal Gask. Washer     | 9351053017   | 9351053017   |           |
| 815      | Terminal-5P               | 9356497021   | 9356497021   |           |
| 823-3    | Fuse Holder               | 0500063024   | 0500063024   |           |
| 824-4    | Fuse                      | 0600222529   | 0600222529   |           |
| 982-1    | Cord Clamp-A              | 9359822011   | 9359822011   |           |
| 982-2    | Cord Clamp-B              | 9359823018   | 9359823018   |           |

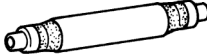
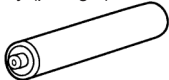
| Ref. No. | Description               | Part No.     |              | Ord. Q'ty |
|----------|---------------------------|--------------|--------------|-----------|
|          |                           | RO-18UB      | RO-24UB      |           |
| 2        | Fan Guard                 | 9371187013   | 9371187013   |           |
| 4        | Emblem-Rear               | 9361328006   | 9361328006   |           |
| 5        | Front Panel Ptd           | 9371924014   | 9371924014   |           |
| 7        | Connector Cover (Cabinet) | 9366398004   | 9366398004   |           |
| 8        | Wire Assy (Comp)          | 9372334010   | 9372334010   |           |
| 9        | Side Panel R Ptd          | 9371927015   | 9371927015   |           |
| 12       | Base Assy, Ptd            | 9371920054   | 9371920016   |           |
| 13       | 3-Way Valve Assy          | 9372205013   | 9372205013   |           |
| 14       | 2-Way Valve Assy          | 9372204016   | 9372204023   |           |
| 16       | Condenser Assy            | 9372181034   | 9372181010   |           |
| 26       | Compressor Cover A        | 9372327012   | 9372327012   |           |
| 29       | Separate Wall             | 9371933016   | 9371933016   |           |
| 32       | Control Box               | 9371935010   | 9371935010   |           |
| 34       | Capacitor, Plastic        | 9900130022   | 9900130022   |           |
| 37       | Running Capacitor         | 9703107122   | 9703107023   |           |
| 38       | Capacitor Clamp Metal     | 9351770013   | 313791061807 |           |
| 39       | Propeller Fan Assy        | 9366378013   | 9366378013   |           |
| 41       | Motor Induct              | 9601671015   | 9601671015   |           |
| 45-1     | Motor Bracket             | 9371929019   | 9371929019   |           |
| 45-2     | Motor Bracket-Top         | 9371931012   | 9371931012   |           |
| 45-3     | Motor Bracket Ctr         | 9371930015   | 9371930015   |           |
| 45-4     | Motor Bracket Bottom      | 9371932019   | 9371932019   |           |
| 46       | Compressor Assy           | 9372558027   | 9372558010   |           |
| 51       | Special Nut M5            | 9300301015   | 9300301015   |           |
| 55       | Special Nut M8            | 9355091008   | 9355091008   |           |
| 64       | Side Panel L Ptd          | 9371926018   | 9371926018   |           |
| 69-3     | Bolt, Hex. Socket         | 301210060360 | 301210060360 |           |
| 85       | Valve Plate Ptd           | 9371928012   | 9371928012   |           |
| 107      | Rubber Seat-A             | 9351049010   | 9351049010   |           |
| 109      | Terminal Cover (Comp)     | 9371511016   | 9371511016   |           |
| 187      | Clip (Cable)              | 9352715006   | 9352715006   |           |
| 199      | Br Sheet                  | 9363708059   | -----        |           |
| 218-3    | Relay                     | 9900074012   | 9900074012   |           |
| 259      | Muffler                   | 9372369012   | -----        |           |
| 271      | 4-Way Valve Rubber        | 313728251908 | 313728251908 |           |
| 272      | Strainer                  | 9369287008   | 9369287008   |           |
| 333      | Accumulator               | -----        | 9368391003   |           |
| 343      | Solenoid                  | 9900165017   | 9900165017   |           |
| 344      | 4-Way Valve               | 9970036019   | 9900163013   |           |
| 361      | Accum Support Assy        | -----        | 9372252017   |           |
| 412      | Cover Gasket (Comp.)      | 9371512013   | 9371512013   |           |
| 527      | Protective Net            | 9371934013   | 9371934013   |           |
| 734      | Top Panel                 | 9371925011   | 9371925011   |           |
| 735-3    | Capillary Assy            | 9372197042   | 9372197028   |           |
| 754      | Terminal Gask. Washer     | 9351053017   | 9351053017   |           |
| 815-3    | Terminal-5P               | 9358660119   | 9358660119   |           |
| 823-2    | Fuse Holder               | 0500063024   | 0500063024   |           |
| 824-4    | Fuse                      | 0600222529   | 0600222529   |           |
| 982-1    | Cord Clamp-A              | 9359822011   | 9359822011   |           |
| 982-2    | Cord Clamp-B              | 9359823018   | 9359823018   |           |

# STANDARD ACCESSORIES

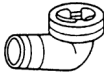
The following installation parts are furnished. Use them as required.

## INDOOR UNIT ACCESSORIES

| Name and Shape                                                                                                        | Q'ty | Application                                                 | Part No.     |
|-----------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------|--------------|
| Cover plate (left)<br>                | 1    |                                                             | 9358536018   |
| Cover plate (right)<br>               | 1    |                                                             | 9358535011   |
| Tapping screw (φ 4x10)<br>           | 2    |                                                             | 301171164104 |
| Installation template<br>            | 1    | For positioning the indoor unit.<br>For under ceiling type. | 9359107002   |
| Bracket (left)<br>                   | 1    | For suspending the indoor unit from ceiling.                | 9358596005   |
| Bracket (right)<br>                 | 1    |                                                             | 9358595008   |
| Anchor bolt (M12)<br>              | 4    |                                                             | 313806339400 |
| Special nut<br>                    | 4    |                                                             |              |
| Spring washer<br>                  | 4    |                                                             | 301821112213 |
| Wall bracket<br>                   | 2    | For suspending the indoor unit on the wall.                 | 9358597002   |
| Tapping screw (φ 4x20)<br>         | 6    | For fixing the wall bracket.                                | 301141164200 |
| Coupler heat insulator (large)<br> | 1    | For indoor side pipe joint. (Large pipe)                    | 9350716012   |
| Coupler heat insulator (small)<br> | 1    | For indoor side pipe joint. (Small pipe)                    | 313209328104 |
| Nylon fastener<br>                 | 1    | For fixing the drain hose.                                  | 312300787605 |

| Name and Shape                                                                                                    | Q'ty | Application                                  | Part No.                                                                         |
|-------------------------------------------------------------------------------------------------------------------|------|----------------------------------------------|----------------------------------------------------------------------------------|
| Drain hose<br>                  | 1    |                                              | 9359242000                                                                       |
| Insulation (drain hose)<br>     | 1    | Adhesive type 70 x 230                       | 9359225003                                                                       |
| VT wire<br>                     | 1    | For fixing the drain hose<br>L 280 mm        | 313806350303                                                                     |
| Remote control unit<br>          | 1    | Use for air conditioner operation.           | 9371190020<br>(for cooling model)<br>9371190013<br>(for cooling & heating model) |
| Battery (penlight)<br>          | 2    | For remote control unit.                     | 0600185534                                                                       |
| Remote control unit holder<br> | 1    | Use as remote control unit holder.           | 9305642014                                                                       |
| Tapping screw (φ 3x12)<br>    | 2    | For remote control unit holder installation. | 301141533125                                                                     |

## OUTDOOR UNIT ACCESSORIES

| Name and Shape                                                                                     | Q'ty | Application                                                                        | Part No. |
|----------------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------|----------|
| Drain pipe<br> | 1    | For outdoor unit drain piping work.<br>[Heat & Cool model<br>(Reverse cycle) only] |          |
| Drain cap<br>  | 2    |                                                                                    |          |

## OPTIONAL PARTS FOR INDOOR UNIT

| Name and Shape                                                                                       | Q'ty | Application                | Part No.   |
|------------------------------------------------------------------------------------------------------|------|----------------------------|------------|
| Joint pipe-A<br> |      | For indoor side pipe joint | 9302812021 |

