These air conditioners incorporate the latest technological advances of Mitsubishi Electric and are produced under strict quality control.
Contents
1. Selecting the Installation Location .................................. 2
2. Installing the Unit ......................................................... 5
3. Refrigerant and Drainage Piping ........................................ 7
4. Electrical Work ............................................................. 9
5. Duct Work ......................................................................... 14
6. Trial Run ........................................................................... 15

Outline dimensions

<table>
<thead>
<tr>
<th>Indoor unit</th>
<th>(mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Models</td>
<td>W</td>
</tr>
<tr>
<td>PEH-2.5,3</td>
<td>785</td>
</tr>
<tr>
<td>PEH-4</td>
<td>1055</td>
</tr>
<tr>
<td>PEH-5</td>
<td>1255</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Outdoor unit</th>
<th>(mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Models</td>
<td>W</td>
</tr>
<tr>
<td>PUH-2.5,3</td>
<td>870</td>
</tr>
<tr>
<td>PUH-4</td>
<td>870</td>
</tr>
<tr>
<td>PUH-5</td>
<td>970</td>
</tr>
</tbody>
</table>

Attention: The installation manual details the suggested installation method. Any structural alterations necessary for installation must comply with local building code requirements.
1. Selecting the Installation Location

< Indoor Unit >

- Before installing, determine route for carrying in unit.
- Select location unexposed to outside air.
- Select location free of obstructions to airflow in and out of unit.
- Select location with easy access to outside for refrigerant piping.
- Select location from which air will be blown into all corners of the room.
- Avoid steamy locations and where oil can splash onto the unit.
- Avoid locations in which combustible gas may be generated, settle or leak.
- Avoid installation near machines emitting high-frequency waves. (High frequency welders etc.)

Select a location where the air conditioner can be installed onto a sturdy support.

Installation: Ensuring service space

Unit dimension and service space.

![Diagram with dimensions and labels]

Check that difference between heights of indoor and outdoor units, length of refrigerant piping and number of bends in piping are within limits shown below.

<table>
<thead>
<tr>
<th></th>
<th>(A) Piping length (one way)</th>
<th>(B) Height difference</th>
<th>(C) Number of bends (one way)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max.</td>
<td>Max. 50m</td>
<td>Max. 50m</td>
<td>Max. of 15</td>
</tr>
</tbody>
</table>

- Height difference limitations are binding regardless of which unit, indoor or outdoor, is positioned higher.

<table>
<thead>
<tr>
<th>Models</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEH-2.5,3</td>
<td>650</td>
<td>690</td>
</tr>
<tr>
<td>PEH-4</td>
<td>920</td>
<td>960</td>
</tr>
<tr>
<td>PEH-5</td>
<td>1120</td>
<td>1160</td>
</tr>
</tbody>
</table>
< Outdoor Unit >

- Install in location unexposed to direct sunlight or other radiated heat.
  If direct sunlight cannot be avoided, always install a sunshade to protect the outdoor unit from the sun.
- Select location from which noise emitted by unit will not inconvenience neighbors.
- Select location permitting easy wiring and piping to power source and indoor unit.
- Avoid locations in which combustible gas may be generated, settle or leak.
- Bear in mind that during operations drain water may flow from the unit.

Free Space Required Around Outdoor Unit

1. When Outdoor Unit Installed Singly
   (Dimensions inside parentheses apply to model PUH-4, 5)

   1. Top side obstacles
      If there are obstacles at the rear side only, other obstacles may be permitted as shown in the diagram of top side.

   2. Front side (blowing side) open
      If only the space shown in diagram can be reserved, obstacles can be allowed in the other 3 directions (but top side open).

   3. Obstacles on front side (blowing side) only
      If there are obstacles on the front side, keep the back, left/right, & top sides open.

   4. Obstacles on front & rear sides
      Unusable in case of the dimensions shown in following diagram. See item 5.

   5. Obstacles on front & rear sides only
      Unsuitable if the outdoor outlet guide which comes as an option (left/right & top sides open).
      But if natural wind, like that flowing between buildings, cannot be expected, keep the height or width of obstacles within the following range. Otherwise, there is the risk of short cycle occurring. (If the front or rear side satisfies the requirements, there is no special restriction on the remaining side.
      Obstruction width: 1.5 times width of outdoor unit or smaller
      Obstruction height: Unit height or lower

   6. Obstacles on 4 surrounding sides
      Unusable if there are obstacles on all 4 surrounding sides, even if there is more than the prescribed amount of space around the outdoor unit and even if the top side is open.

   SERVICE SPACE
   Allow the service space shown in the following diagram to remain open for maintenance etc., in front of the unit.

Air outlet guide

(mm)
2. Relative Positioning of Unit Installed Together
(Dimensions inside parentheses apply to type PUH-4, 5)

(1) When installed consecutively sideways
   • Remove the side screw of pipe cover

   (Min. 150) Min. 100

   (Min. 300) Min. 200

   Up to 10 units

   Min. 1000

   Keep the top side open

(2) When arranged longitudinally

   Min. 200 (300)

   Min. 500 (500)

   Min. 1200 (1500)

   Only when the outdoor air outlet guide is set at “upward blow”

   When not using the outdoor air outlet guide

   Min. 3000 (3000)

   When using the outdoor air outlet guide

   Min. 1000 (1500)

• When installing unit on rooftop or other locations unprotected from wind, situate unit air outlet in direction not directly exposed to strong wind. Strong wind entering air outlet may impede normal airflow and cause malfunctions.

Examples

• Face outlet toward any available wall, Sitem away from wall.

• Install optional air outlet guide, if the unit is installed at a place where the powerful blast of typhoon, etc. comes directly on the air outlet.

• Position unit so that air outlet blows in direction perpendicular to seasonal wind direction, if known.
2. Installing the Unit

< Indoor Unit >

Check for Indoor Unit Accessories and Parts

Check that indoor unit is provided with the following parts and accessories.

<table>
<thead>
<tr>
<th>Refrigerant pipe parts</th>
<th>Remote controller parts</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Refrigerant oil</td>
<td>3. Parts contained in carton box. x 1</td>
</tr>
<tr>
<td>(Use for applying to flared seat)</td>
<td>Check the contents by reading explanations. Provided inside the box.</td>
</tr>
<tr>
<td>2. Pipe cover (for refrigerant piping joint)</td>
<td></td>
</tr>
<tr>
<td>small diameter: x 1</td>
<td></td>
</tr>
<tr>
<td>large diameter: x 1</td>
<td></td>
</tr>
<tr>
<td>4. Band for temporary tightening of pipe cover: x 1</td>
<td></td>
</tr>
</tbody>
</table>

Suspension Structure (Give site of suspension strong structure.)

Wooden structures
- Select tie beam (one-story houses) or second-floor girder (two-story houses) as reinforcement member.
- Use sturdy beams of at least 6cm square for beam pitch of 90cm or less or of at least 9cm square for beam pitch of 90 - 180cm.

Ferro-concrete structures
- Secure the suspension bolts using the method shown at right, or use steel or wooden hangers, etc. To install the suspension bolts.

Installing the Suspension Bolts
- Check the pitch of the suspension bolts.
- Use the Φ10 (3/8") suspension bolts (x4, obtain locally).
- Adhere strictly to the length of the suspension bolts (specified in the figure below).
3. Refrigerant and Drainage Piping

- Refrigerant pipes are sold separately. Read instructions carefully before starting work.
- Insulate both refrigerant and drainage piping so as to completely prevent condensation.
When using commercially available copper piping, wrap both liquid and gas piping in commercially available heat insulation (heat-resistant insulation at least 12mm thick).
Wrap lengths of drainage piping passing through indoor areas with polyethylene foam insulation (specific gravity of 0.03, at least 9mm thick).

### Refrigerant and Drainage Piping Sizes

<table>
<thead>
<tr>
<th>Item</th>
<th>PEH-2.5,3</th>
<th>PEH-4.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refrigerant piping</td>
<td>O. D. Ø 9.52 (3/8&quot;)</td>
<td>O. D. Ø 9.52 (3/8&quot;)</td>
</tr>
<tr>
<td>Gas</td>
<td>O. D. Ø 15.88 (5/8&quot;)</td>
<td>O. D. Ø 19.05 (3/4&quot;)</td>
</tr>
<tr>
<td>Drain piping</td>
<td>1 BSP</td>
<td></td>
</tr>
</tbody>
</table>

### Ordering numbers for separately sold refrigerant pipes:

<table>
<thead>
<tr>
<th>Length</th>
<th>PEH-2.5,3</th>
<th>PEH-4.5</th>
</tr>
</thead>
<tbody>
<tr>
<td>5m</td>
<td>PAC-05FFS-E</td>
<td>PAC-SCS1PI-E</td>
</tr>
<tr>
<td>7m</td>
<td>PAC-07FFS-E</td>
<td>PAC-SCS2PI-E</td>
</tr>
<tr>
<td>10m</td>
<td>PAC-10FFS-E</td>
<td>PAC-SCS3PI-E</td>
</tr>
<tr>
<td>15m</td>
<td>PAC-15FFS-E</td>
<td>PAC-SCS4PI-E</td>
</tr>
</tbody>
</table>

### Piping Connection Work

1. When using separately purchased refrigerant pipes:
   a) Piping connection procedures
      See that stop valve on outdoor unit is fully shut (unit is shipped with valve shut). Remove caps from piping and unit and make flare connection promptly (within five minutes). Repeat for each connection, one at a time.
      Removing caps and leaving piping open for extended periods of time can permit penetration of damaging dust, moisture or foreign matter into unit. In such cases, use refrigerant (R-22) to purge piping before making connections with unit.
   b) Precautions concerning flexible tubing
      - Use flexible tubing for indoor piping connections only.
      - Avoid bending at angles more acute than 90°. Avoid repeated bending of same tube more than three times.
      - Locate bends as near as possible to center of piping lengths and make bend with as large of a bending radius as possible.
2. When using commercially available copper pipes:
   See that stop valve on outdoor unit is fully shut (unit is shipped with valve shut). After all piping connections between indoor and outdoor units have been completed, vacuum-purge air from system through the service port for the stop valve on the outdoor unit.
3. After completing procedures 1 or 2 above, open outdoor unit stop valves stem fully. This completes connection of refrigerant circuit between indoor and outdoor units. Stop valve instructions are marked on outdoor unit.
   - Apply thin layer of refrigerant oil provided with unit to pipe and joint seating surface before tightening flare nut.
   - Use two wrenches to tighten piping connections.
   - Use leak detector or soapy water to check for gas leaks after connections are completed.
   - Use refrigerant piping insulation provided to insulate indoor unit connections. Insulate carefully following instructions enclosed.
This unit has the flared connections on both indoor and outdoor sides. The refrigerant pipes are used to connect the indoor and the outdoor units as shown in the figure below.

1. Peel off the separator sheet of accompanying pipe cover, and wrap it around the refrigerant pipe, making sure that the slit side comes upward.
   - Allow no clearance
   - Separator sheet

2. Be sure to fix both ends of the pipe cover with a band of attachment (ensuring that the band joint comes upward).
   - Band
   - Cut off the remainder band

3. Stick vinyl tape (joint positions).

### Outdoor Unit

1. Pipe extracting directions (4 possible directions)
2. Remove the service panel and pipe cover (by taking off 2 screws each).
3. When connecting the pipe, do not further bend the bent part. Always tighten the flare nut using two wrenches.
4. In case of racking the piping, do the piping below the pipe cover, so as to enable mounting & dismounting of service panel.

### Drainage Piping Work

**Indoor unit's drainage pipe**
- The drainage pipe should be arranged so that the discharge side is lower as shown in the figure below.
- Place the trap outside the unit.
- After connecting the drainage pipe, make sure that water is discharged well and that there are no leaks.

**Outdoor unit drainage pipe connection**
When drain piping is necessary, use the drain pan (optional parts).
4. Electrical Work

- Supply power from independently branched circuit.
- Wiring work should conform to applicable standards.
- Route wires connecting indoor and outdoor units and power supply wires separately so that they do not make contact with each other outside of unit.
- Primary side of control circuit transformer is wired for use with 240 V power supply. Wiring must be modified for use with 220 or 230 V power supply. Refer to circuit diagram for details.
- Never connect power supply directly to control wiring terminals. (Unit will break down.)
- Be sure to wire together control wiring terminals. (Unit will break down.)
- Compressor will not operate unless power supply phase connection is correct (Only 3 phase models of models PEH-3, 4, 5).

< Indoor Unit >

**Electrical Wiring Connections** (Tighten terminal screws securely.)

- Electrical parts cover
- Remove two screws
- Terminal bed (Remote controller)
- Indoor controller board
- Terminal bed (Power supply) with earth terminal
- Terminal bed (Outdoor unit transmission)
<Outdoor Unit>

Electrical Wiring Connections (Tighten terminal screws securely.)

Remove the service panel (2 screws).

Earth terminal

Invariably install earth.

Indoor/Outdoor unit connecting terminals

Power supply terminals

Fasten with wiring clamp

Wiring outlet contains rear pipe hole and wiring hole of pipe cover (knock out).

Service panel

Pipe cover

Rear wiring

Right side wiring

Knock out hole

Service panel

Pipe cover

Use the accompanying "conduit holder", when wiring by using wiring conduit on the rear side.

At the end of piping & wiring, fill up the clearance between the pipe cover and main unit with the blocks of urethane foam provided on the inside of service panel.

Wiring conduit holder

Not needed in other cases.

Amount of Refrigerant

1. Amount of Refrigerant

This unit does not need to be charged with additional refrigerant up to a pipe length of 30m. If the pipe length is more than 30m, then charge the system with additional refrigerant, within the allowable pipe lengths given in the following table.

<table>
<thead>
<tr>
<th>Models</th>
<th>Allowable pipe length (m)</th>
<th>Amount of additional refrigerant (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>31 - 40m</td>
<td>41 - 50m</td>
</tr>
<tr>
<td>PEH-2</td>
<td>40</td>
<td>0.2</td>
</tr>
<tr>
<td>PEH-2.5</td>
<td>50</td>
<td>0.2</td>
</tr>
<tr>
<td>PEH-3</td>
<td>50</td>
<td>0.2</td>
</tr>
<tr>
<td>PEH-4</td>
<td>50</td>
<td>0.3</td>
</tr>
<tr>
<td>PEH-5</td>
<td>50</td>
<td>0.3</td>
</tr>
<tr>
<td>PEH-6</td>
<td>50</td>
<td>0.3</td>
</tr>
</tbody>
</table>

*For charging with additional refrigerant, use the check valve connected to the low pressure side pipe inside the outdoor unit.

2. Air purge

Absolutely do not purge the air out of the refrigerant pipe with the refrigerant (gas) inside the outdoor unit.
**Field Electrical Wiring (Example)**

Wiring differs according to models. Refer to circuit diagrams for details when performing electrical work.

Example:

![Circuit Diagram]

Make sure that air conditioners are grounded.

<table>
<thead>
<tr>
<th>Models</th>
<th>PEH-2,5EK(H)A</th>
<th>PEH-3EK(H)A</th>
<th>PEH-4EK(H)SA</th>
<th>PEH-5EK(H)SA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Power supply</strong></td>
<td>(Single)</td>
<td>(Single)</td>
<td>3N (3ph, 4wires)</td>
<td>3N (3ph, 4wires)</td>
</tr>
<tr>
<td>Frequency &amp; Voltage</td>
<td>50Hz, 220-240V; 60Hz, 230V</td>
<td>50Hz, 380/220-415/240V</td>
<td>50Hz, 380/220-415/240V</td>
<td>50Hz, 380/220-415/240V</td>
</tr>
<tr>
<td></td>
<td>Outdoor unit A</td>
<td>30/30</td>
<td>60/50</td>
<td>30/20</td>
</tr>
<tr>
<td><strong>Indoor unit power supply</strong></td>
<td>Wire No.</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Size mm (mm²)</td>
<td>1.6(2.0) [1.8(2.0)]</td>
<td>1.6(2.0) [1.6(2.0)]</td>
<td>1.6(2.0) [1.6(2.0)]</td>
</tr>
<tr>
<td><strong>Outdoor unit power supply</strong></td>
<td>Wire No.</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Size mm (mm²)</td>
<td>2.0(3.5)</td>
<td>2.6(5.5)</td>
<td>1.6(2.0)</td>
</tr>
<tr>
<td><strong>Earth wire size mm (mm²)</strong></td>
<td>1.6(2.0)</td>
<td>2.0(3.5)</td>
<td>1.6(2.0)</td>
<td>1.6(2.0)</td>
</tr>
<tr>
<td><strong>Indoor unit/Outdoor unit connecting</strong></td>
<td>Wire No. × Size mm (mm²)</td>
<td>3 × 0.8(0.3) or Cable 3C × 0.3 (Polar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Remote controller-Indoor unit</strong></td>
<td>Wire No. × Size mm (mm²)</td>
<td>*This wire is accessory of remote controller (Wire length: 10m, Non-polar)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Control circuit rating</strong></td>
<td>Indoor unit-Outdoor unit: DC12V, Remote controller-Indoor unit: DC12V</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Indoor unit power supply</strong></td>
<td>(Single phase), 50Hz, 220-240V or 60Hz, 230V</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:**
1. Bear in mind ambient conditions (ambient temperature, direct sunlight, rain water, etc.) when proceeding with the wiring and connections.
2. The wire size is the minimum value for metal conduit wiring. The power cord size should be 1 rank thicker in consideration of voltage drops.
3. The earth wire is connected to the indoor unit and outdoor unit.
4. This table shows an example of the field electrical wiring. Details should be based on applicable technical standards.
5. The values in [] are including electric heater for heating.
Indoor and Outdoor Control Wiring

Indoor/outdoor unit connecting terminals
(Indoor unit side)

Minimum wire thickness: 0.8 mm
(0.5 mm²) Control circuit voltage:
DC12V (polar)

Indoor/outdoor unit connecting terminals
(Outdoor unit side)

Attention: Connect indoor and outdoor unit control wiring properly according to terminal numbers to avoid problems with polarity.

Connecting Remote Controller (Accessory)

Securely fasten the remote controller to the indoor unit terminal board using the 10m of cable supplied with the remote controller. The cable can be extended to a maximum length of 500 m.
If more than 10m is required, use double insulated two wire cable equivalent to that provided in thickness of not less than AWG 22 – 300 volts.

Caution: Wiring should run from indoor unit to remote controller direct, NO SPLICES.
Caution: When running more than one set of remote controller wires together, the double insulated two wire cable listed above is mandatory or use shielded two wire cable.
5. Duct Work

- Use the canvas duct for the connection of the indoor unit and duct.
- Use a fire-proof material for the duct parts.
- Provide the duct with sufficient heat insulation.

![Diagram of Duct Work]

- Obtain locally

![Diagram of Duct Work]

- Leave clearances to prevent short cycling

- The standard external static pressure for 12.7 mm Aq (124 Pa).
6. Trial Run

Before Trial Run

- After installation, wiring and piping of indoor and outdoor units is complete, check for refrigerant leakage, looseness in power supply or control wiring and mistaken polarity.
- Use a 500-volt megger to check that resistance between power supply terminals and ground is at least 1.0MΩ.
- Do not megger test the control wiring (low voltage circuit) terminals.

Attention:
Do not use the air conditioner if it is less than 1.0MΩ.
Compressor will not operate unless power supply phase connection is correct (Only 3 phase models of models PEH-3, 4, 5).

Trial Run Procedures  (Read instruction manual before starting).

1. Turn on main switch. 12 hours before proceeding to step 2 to allow for crankcase heater operation.
2. Push the TEST RUN button twice and indication of TEST RUN will be shown on the liquid crystal display.
3. Push the Operation switch button AUTO, COOL/DRY (or HEAT) to confirm that cool (or warm) air is blown out. (At heating operation, there may be a short delay before warm air begins to blow out.)
4. Push the fan speed button LOW/HIGH to check that the fan speed changes properly.
5. Check the operation of outdoor unit fans. This unit controls the rotation speed and performance capacity of fans. In some cases, it may rotate at low speed as the condition of outside air requires and the speed will be kept unless the performance has become deficient. Therefore, when the condition of outside air demands, there may be such cases as the fan stops or rotates reversely. Please note that these symptoms are not malfunction.
6. After the check is finished leave the test run mode. push the power ON/OFF button. It can also be stopped by pushing the timer MODE button.

The above figure shows the state of TEST RUN at cooling operation.

- When a TEST RUN is started, the timer shall be set to 2 hours. The unit will automatically turn off after 2 hours.
- The indoor Coil Temperature Display shows the indoor coil temperature codes during a TEST RUN.

Note: The temperature code are indicated in numbers 1 through 15 which represent -40 to 90 deg.C.
Check the compressor operation by confirming that code number decreases for cooling (or increasing for heating).

<table>
<thead>
<tr>
<th>Code</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor coil temperature</td>
<td>-40 ~ 1°C</td>
<td>-10°C</td>
<td>-15°C</td>
<td>-20°C</td>
<td>-25°C</td>
<td>-30°C</td>
<td>-35°C</td>
<td>-40°C</td>
</tr>
<tr>
<td>Code</td>
<td>9</td>
<td>10</td>
<td>11</td>
<td>12</td>
<td>13</td>
<td>14</td>
<td>15</td>
<td></td>
</tr>
<tr>
<td>Indoor coil temperature</td>
<td>-45°C</td>
<td>-50°C</td>
<td>-55°C</td>
<td>-60°C</td>
<td>-70°C</td>
<td>-90°C</td>
<td>Sensor malfunction</td>
<td></td>
</tr>
</tbody>
</table>
If the previously mentioned operations do not work properly, the problem may be due to one of the following causes. (The test run mode is assumed.)

<table>
<thead>
<tr>
<th>Cause</th>
<th>Malfunction symptoms</th>
<th>One-to-one system</th>
<th>Group control</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Indoor-Outdoor connecting line is improperly installed or power for outdoor units is connected in opposite phase.</td>
<td>• Indoor coil temperature code changes for neither cooling nor heating.</td>
<td></td>
<td>• Improper wiring of the master unit (the unit to which the remote controller is connected) will result in symptoms similar to those listed at left.</td>
</tr>
<tr>
<td></td>
<td>• Remote controller display &quot;CENTRALLY CONTROLLED&quot; appears for an instant and then disappears. (The same for a short circuit in the remote controller wiring.)</td>
<td></td>
<td>• If a subordinate unit is wired improperly, either the fan will not operate or after a lapse of 9 to 10 minutes &quot;P8&quot; is followed by the number of the improperly wired subordinate unit number is displayed.</td>
</tr>
<tr>
<td>2. Error in remote control or indoor address.</td>
<td>• Display indicates &quot; = CENTRALLY CONTROL = &quot; and the switches do not function. (Before the unit leaves the factory, the remote controller and indoor addresses are set to 0. If the setting is mistakenly changed, a malfunction will arise.)</td>
<td></td>
<td>• An error in master unit or remote controller setting will result in symptoms similar to those listed at left.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>• If two or more subordinate units have been given the same address, &quot;P8&quot; is followed by the duplicated address number is displayed.</td>
</tr>
<tr>
<td>3. The remote controller is improperly connected or there is short circuit in the remote controller wiring</td>
<td>• There is no display on the remote controller.</td>
<td></td>
<td>• Similar symptoms to those listed as at left.</td>
</tr>
<tr>
<td>4. In the control mode using two remote controllers, subordinate remote controller setting has not been made (DIP SW1 No. 7 in remote controller is not turned on).</td>
<td>• Results in a display of &quot;P7&quot; or no display.</td>
<td></td>
<td>• Similar symptoms to those listed as at left.</td>
</tr>
<tr>
<td>5. The CN-40 connector on one or more of the indoor controller boards of the subordinate units (unit No. 1 and above) has not been removed.</td>
<td></td>
<td></td>
<td>• There is no display whatsoever on the remote controller.</td>
</tr>
</tbody>
</table>

- The above mainly concerns problems due to improper installation. However, if a malfunction occurs in the unit itself, a check will result in a display of "E6" or "P8". In such a case, refer to the list of causes and remedies in the technical & service manual.
- If the centrally control system remote controller or the program timer etc., which are optional parts, are used, refer to also the instructions in the accompanying those optional parts.
- Conduct TEST RUN as above mentioned, and confirm no dew drops from refrigerant or drain pipes.

After trial operation is complete, use the “Instructions for Use” to explain operation procedures to customer.