1. BEFORE INSTALLATION

MEANINGS OF SYMBOLS DISPLAYED ON INDOOR UNIT AND/OR OUTDOOR UNIT

![WARNING](Risk of fire) This unit uses a flammable refrigerant. If refrigerant leaks and comes in contact with fire or heating part, it will create harmful gas and there is risk of fire.

Read the OPERATING INSTRUCTIONS carefully before operation.

Service personnel are required to carefully read the OPERATING INSTRUCTIONS and INSTALLATION MANUAL before operation.

Further information is available in the OPERATING INSTRUCTIONS, INSTALLATION MANUAL, and the like.

1-1. THE FOLLOWING SHOULD ALWAYS BE OBSERVED FOR SAFETY

- Be sure to read “THE FOLLOWING SHOULD ALWAYS BE OBSERVED FOR SAFETY” before installing the air conditioner.
- Before testing the installation setup of the Wi-Fi interface, check the safety precautions in OPERATING INSTRUCTIONS of the room air conditioner.
- Be sure to observe the warnings and cautions specified here as they include important items related to safety.
- After reading this manual, be sure to keep it together with the OPERATING INSTRUCTIONS for future reference.

![WARNING](Could lead to death, serious injury, etc.)

- Do not install the unit by yourself (user). Incomplete installation could cause fire, electric shock, injury due to the unit falling, or leakage of water. Consult the dealer from whom you purchased the unit or a qualified installer.
- Perform the installation securely referring to the installation manual. Incomplete installation could cause fire, electric shock, injury due to the unit falling, or leakage of water.
- When installing the unit, use appropriate protective equipment and tools for safety. Failure to do so could cause injury.
- Install the unit securely in a place where the unit can bear the weight of the unit. If the installation location cannot bear the weight of the unit, the unit could fall causing injury.
- Electrical work should be performed by a qualified, experienced electrician, according to the installation manual. Be sure to use an exclusive circuit. Do not connect other electrical appliances to the circuit. The power circuit is insufficient or there is gas leakage, it could result in a fire or an electric shock.
- Ensure the unit is connected correctly. Do not connect the earth to a gas pipe, water pipe, lightning rod, or telephone earth. Defective earthing could cause electric shock.
- Do not damage the wires by applying excessive pressure with parts or screws.
- Be sure to cut off the main power in case of setting up the indoor P.C. board or wiring works. Failure to do so could cause electric shock.
- Use the specified wires to connect the indoor and outdoor units securely and attach the wires firmly to the terminal block connecting sections so the stress of the wires is not applied to the sections. Do not extend the wires, or use intermediate connection. Incomplete connecting and securing could cause fire.
- Do not install the unit in a place where inflammable gas may leak. Gas leaks and accumulates in the area around the unit, it could cause an explosion.
- Do not disconnect the power cord or the extension cord and do not connect many devices to one AC outlet. It could cause a fire or an electric shock due to defective contact, defective insulation, exceeding the permissible current, etc.
- Be sure to use the parts provided or specified parts for the installation work.
- The use of defective parts could cause an injury or leakage of water due to a fire, an electric shock, the unit falling, etc.
- When plugging the power supply plug into the outlet, make sure that there is no dust, clogging, or loose parts in both the outlet and the plug. Make sure that the power supply plug is pushed completely into the outlet. If there is dust, clogging, or loose parts on the power supply plug or the outlet, it could cause electric shock or fire. If loose parts are found on the power supply plug, replace it.
- Attach the electrical cover to the indoor unit and the service panel to the outdoor unit securely. If the electrical cover of the indoor unit and/or the service panel of the outdoor unit are not attached securely, it could result in a fire or an electric shock due to dust or water, etc.
- When installing, relocating, or servicing the unit, make sure that no substance other than the specified refrigerant (R32) enters the refrigerant circuit. Any presence of foreign substance such as air can cause abnormal pressure rise and may result in explosion or injury. The use of any refrigerant other than that specified for the system could cause mechanical failure, system malfunction, or unit breakdown. In the worst case, this could lead to a serious impediment to securing product safety.
- Do not discharge the refrigerant into the atmosphere. If refrigerant leaks during installation, ventilate the room. Check that the refrigerant does not leak after installation has been completed. If refrigerant leaks and comes in contact with fire or heating part of such a fan heater, kerosene heater, or cooking stove, it will create harmful gas.
- Use appropriate tools and piping materials for installation. The pressure of R32 is 1.5 times more than R22. Not using appropriate tools or materials and incomplete installation could cause the pipes to burst or injury.
- When pumping down the refrigerant, stop the compressor before disconnecting the refrigerant pipes. If the refrigerant pipes are disconnected while the compressor is running and the stop valve is open, air could enter the pipe in the refrigeration cycle could become abnormally high. This could cause the pipes to burst or injury.
- When installing the unit, securely connect the refrigerant pipes before starting the compressor. If the compressor is started before the refrigerant pipes are connected and when the stop valve is open, air could be drawn in and the pressure in the refrigeration cycle could become abnormally high. This could cause the pipes to burst or injury.
- Fasten a flare nut with a torque wrench as specified in this manual. If fastened too tight, a flare nut may break after a long period and cause refrigerant leakage.
- The unit shall be installed in accordance with national wiring regulations.
- When using a gas burner or other flame-producing equipment, completely remove all of the refrigerant from the air conditioner and ensure that the area is well-ventilated. If the refrigerant leaks and comes in contact in fire or heating part, it will create harmful gas and there is risk of fire.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that refrigerants may not contain an odor. Pipe-work shall be protected from physical damage.
- The installation of pipe-work shall be kept to a minimum.
- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruction.
- Do not install the indoor unit equipped with the Wi-Fi interface nearby the automatic control devices such as automatic doors or fire alarms.
- It can cause accidents due to malfunctions.
- Do not use the indoor unit equipped with the Wi-Fi interface nearby the medical electrical equipment or people who have a medical device such as a cardiac pacemaker or an implantable cardioverter-defibrillator.
- It can cause an accident due to malfunctions of the medical equipment or device.
- This indoor unit equipped with the Wi-Fi interface should be installed and operated with a minimum distance of 20 cm between the device and the user or bystanders.
1-2. SELECTING THE INSTALLATION LOCATION

**INDOOR UNIT**

- **WARNING**

  The unit should be installed in rooms which have the floor space specified below:

  - MSZ-LN25/35VG: 1.7 m²
  - MSZ-LN50VG: 2.5 m²
  - MSZ-LN50VGHZ/60VG: 3.9 m²

  As for the details, please refer to the Installation Service Manual for New Refrigerant System.

  - Where airflow is not blocked.
  - Where cool (or warm) air spreads over the entire room.
  - Where the temperature is not too hot or too cold.
  - Where it is exposed to direct sunlight. Do not expose to direct sunshine directly during the period following unpacking to begin use.
  - Where easily drained.
  - At less than 1 m above your TV and radio. Operation of the air conditioner may interfere with radio or TV reception. An amplifier may be required for the affected device.
  - In a place as far away as possible from fluorescent and incandescent lights. In order to avoid overheating, the infrared remote controller may not be used.
  - Where the remote filter is removed and replaced easily.
  - Where it is exposed to the other heat or steam source.
  - Please use in a room with the HVAC system installed.
  - The End user should read and accept the terms and conditions of the Wi-Fi interface from Panasonic before commencement of the installation of this indoor unit equipped with the Wi-Fi interface.
  - This indoor unit equipped with the Wi-Fi interface should be installed and connected to any Mitsubishi Electric system which is to provide application critical cooling or heating.

**REMOTE CONTROLLER**

- Where it is easy to operate and easily visible.
- Where children cannot touch it.
- Select a position about 1.2 m above the floor and check that signals from the remote controller are surely received by the indoor unit from that position (‘keep’ or ‘keep behind’ receiving zone sounds). After that, attach remote controller holder to a pillar or wall and install wireless remote controller.

Note:
In rooms where inverter type fluorescent lamps are used, the signal from the wireless remote controller may not be received.

1-3. SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Power supply *1</th>
<th>Wire specifications</th>
<th>Pipe size (thickness &quot;3&quot;, *4)</th>
<th>Maximum amount of refrigerant charge *7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>Outdoor unit</td>
<td>Rated Voltage</td>
<td>Frequency</td>
<td>Breaker capacity</td>
</tr>
<tr>
<td>MSZ-LN25VG</td>
<td>MUZ-LN25VG(HZ)</td>
<td>230 V</td>
<td>50 Hz</td>
<td>10 A</td>
</tr>
<tr>
<td>MSZ-LN25VG</td>
<td>MUZ-LN35VG</td>
<td></td>
<td></td>
<td>12 A</td>
</tr>
<tr>
<td>MSZ-LN35VG</td>
<td>MUZ-LN35VGHZ</td>
<td></td>
<td></td>
<td>16 A</td>
</tr>
</tbody>
</table>

*1 Connect to the power switch which has a gap of 3 mm or more when open to interrupt the source power phase. (When the power switch is shut off, it must interrupt all phases.)

*2 Use wires in conformity with design 60245 IEC 57.

*3 Never use pipe with thickness less than specified. The pressure resistance will be insufficient.

*4 Use a copper pipe or a copper-alloy seamless pipe.

*5 Be careful not to crush or bend the pipe during pipe bending.

*6 Refrigerant pipe bending radius must be 100 mm or more.

*7 If pipe length exceeds 7 m, additional refrigerant (R32) charge is required. (No additional charge is required for pipe length less than 7 m.)

Additional refrigerant = A x (pipe length (m) – 7)

*8 Insulation material: Heat resisting foam plastic 0.045 specific gravity

*9 Be sure to use the insulation of specified thickness. Excessive thickness may cause incorrect installation of the indoor unit and insufficient thickness may cause dew dripping.

(LN25, 35, 50/50HZ, 60)

<table>
<thead>
<tr>
<th>Pipe length and height difference</th>
<th>Maximum pipe length</th>
<th>Maximum height difference</th>
<th>Max. number of bends *9</th>
<th>Refrigerant adjustment A *7</th>
<th>Insulation thickness *8</th>
<th>*9</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>20/30 m</td>
<td>12/15 m</td>
<td>10</td>
<td>20 g/m²</td>
<td>8 mm</td>
<td></td>
</tr>
</tbody>
</table>
1-4. INSTALLATION DIAGRAM

ACCESSORIES
Check the following parts before installation.

<Indoor unit>
1. Installation plate 1
2. Installation plate fixing screw 4 x 25 mm 5
3. Wireless remote controller 1
4. Felt tape (For left or left-rear piping) 1
5. Corner box R 4
6. Corner box L 4
7. Battery (AAA) for (3) 2
8. Air cleaning filter 1
9. Air purifying device 1
10. Drain socket (VG type only) 1

<Outdoor unit>
(A) Indoor/outdoor unit connecting wire*1 1
(B) Extension pipe 1
(C) Wall hole sleeve 1
(D) Wall hole cover 1
(E) Fixing screw for (E) 4 x 20 mm (2 to 5)
(F) Piping tape 1
(G) Putty 1
(H) Drain hose (I) (or soft PVC hose, 15 mm inner diameter or hard PVC pipe VP16) 1 or 2
(J) Refrigeration oil 1
(K) Power supply cord*1 1

Note:
*1 Place indoor/outdoor unit connecting wire (A) and power supply cord (K) at least 1 m away from the TV antenna wire.

This indoor unit is equipped with the built-in Wi-Fi interface.

Be sure to use wall hole sleeve (C) to prevent indoor/outdoor connecting wire (A) from contacting metal parts in the wall and to prevent damage by rodents in case the wall is hollow.

WARNING
To avoid risk of fire, flare connection should be installed outdoors. Reusable mechanical connectors and flared joints are not allowed indoors.

After the leak test, apply insulating material tightly so that there is no gap.

When the piping is to be attached to a wall containing metals (tin plated) or metal netting, use a chemically treated wooden piece 20 mm or thicker between the wall and the piping or wrap 7 to 8 turns of insulation vinyl tape around the piping. To use existing piping, perform COOL operation for 30 minutes and pump down before removing the old air conditioner. Remake flare according to the dimension for new refrigerant.

WARNING
To avoid risk of fire, embed or protect the refrigerant piping. External damage on the refrigerant piping can be cause of fire.

Outdoor unit installation (LN25, 35, 50/50HZ, 60)

Drain piping for outdoor unit <VG type only>
- Provide drain piping before indoor and outdoor piping connection.
- Connect drain hose (I) I.D.15 mm as shown in the illustration.
- Make sure to provide drain piping with a downhill grade for easy drain flow.

Note:
Install the unit horizontally.
Do not use drain socket (10) in cold regions. Drain may freeze and make the fan stop.
The outdoor unit produces condensate during the heating operation. Select the installation place to ensure to prevent the outdoor unit and/or the grounds from being wet by drain water or damaged by frozen drain water.
2. INDOOR UNIT INSTALLATION

2.1. FIXING OF INSTALLATION PLATE
- Find a structural material (such as a stud) in the wall and fix installation plate (1) horizontally by tightening the fixing screws (2) firmly.
- To prevent installation plate (1) from vibrating, be sure to install the fixing screws in the holes indicated in the illustration. For added support, fixing screws may also be installed in other holes.
- When the knockout is removed, apply vinyl tape to the knockout edges to prevent damaging the wires.
- When bolts receded in the concrete wall are to be utilized, secure installation plate (1) using 11 × 20 or 11 × 26 oval hole (450 mm pitch).
- If the recessed bolt is too long, change it for a shorter one available in the market.

2.2. WALL HOLE DRILLING
1) Determine the wall hole position.
2) Drill a ø65 mm hole. The outdoor side should be 5 to 7 mm lower than the indoor side.
3) Insert wall hole sleeve (C).

2.3. CONNECTING WIRES FOR INDOOR UNIT
You can connect indoor/outdoor lead wire without removing the front panel.
1) Open the front panel.
2) Remove VA clamp.
3) Pass indoor/outdoor unit connecting wire (A) from the back of the indoor unit and process the end of the wire.
4) Loosen terminal screw, and connect first the earth wire, then indoor/outdoor unit connecting wire (A) to the terminal block. Be careful not to make mis-wiring. Fix the wire to the terminal block securely so that no part of its core is appeared, and no external force is conveyed to the connecting section of the terminal block.
5) Firmly tighten the terminal screws to prevent them from loosening. After tightening, pull the wires lightly to confirm that they do not move.
6) Secure indoor/outdoor unit connecting wire (A) and the earth wire with the VA clamp. Never fail to hook the left claw of the VA clamp. Attach the VA clamp securely.

2.4. PIPE FORMING AND DRAIN PIPING

Pipe Forming
- Place the drain hose below the refrigerant piping.
- Make sure that the drain hose is not heaved or snaked.
- Do not pull the hose when applying the tape.
- When the drain hose passes the room, be sure to wrap insulation material (obtainable at a store) around it.

Rear, right, or downward piping
1) Put the refrigerant piping and the drain hose together, then firmly apply piping tape (G) from the end.
2) Insert the piping and the drain hose into the wall hole sleeve (C), and hook the upper part of the indoor unit on the installation plate (1).
3) Check if the indoor unit is hooked securely on the installation plate (1) by moving the unit to left and right.
4) Thurst the lower part of the indoor unit into the installation plate (1).

Drain Piping
- If the extension drain hose has to pass through a room, be sure to wrap it with commercially solid insulation.
- The drain hose should point downward for easy drain flow. (Fig. 1)
- If the drain hose provided with the indoor unit is too short, connect it with drain hose (I) that should be provided at your site. (Fig. 2)
- When connecting the drain hose to the hard vinyl chloride pipe, be sure to insert it securely into the pipe. (Fig. 3)

2.5. LEAK TEST

Before starting the system, make sure to check all hose connections and the unit parts for leakage by applying a soap solution to the connections.

2.6. LEAK CHECK

1) Fill the drain hose with water, and place a plate on the unit. Fold one end of the drain hose over a plate. Then check if there is any water leakage.
2) Confirm that the unit is leak tight before starting the system.

2.7. LEAK TEST FOR INDOOR UNIT INSTALLATION

For future servicing, give extra length to the connecting wires.
- Make earth wire a little longer than others. (More than 60 mm)
- Do not fold the excess wire, or crum it into small space. Take caution not to damage the wires.
- Be sure to attach each screw to its correspondent terminal when securing the cord and/or the wire to the terminal block.

Note: Do not place the wires between the indoor unit and the installation plate (1). Damaged wire could cause heat generation or fire.
2-5. ASSEMBLING OF CORNER BOX

- The corner boxes are slowed in the cushioning materials on the right and left sides.
- Check the markings (RIGHT/LEFT) on the parts, and use the appropriate parts.

1) Each right and left corner box is assembled from 2 parts.
2) Arrange the two parts so that the 2 △ marks align. Move 1 part about 90 degrees around the hinge point you have just created to put the parts together.
3) Press the base of portion with the △ mark to snap into place.

4) Attach the assembled corner box to the indoor unit.
5) Assemble the corner box L in the same manner.

- When changing the part, disassemble by moving the part in a reverse direction.
- The parts that were not used may be necessary in the future if the air conditioner is relocated, so ask customers to keep those parts.
3. OUTDOOR UNIT INSTALLATION

3-1. CONNECTING WIRES FOR OUTDOOR UNIT

1) Open the service panel.
2) Loosen terminal screw, and connect indoor/outdoor unit connecting wire (A) from the indoor unit correctly on the terminal block. Be careful not to make mis-wiring. Fix the wire to the terminal block securely so that no part of its core is exposed, and no external force is conveyed to the connecting section of the terminal block.
3) Firmly tighten the terminal screws to prevent them from loosening. After tightening, pull the wires tightly to confirm that they do not move.
4) Connect power supply cord (K).
5) Fix indoor/outdoor unit connecting wire (A) and power supply cord (K) with the cord clamp.
6) Close the service panel securely.

* Make earth wire a little longer than others. (More than 100 mm)
* For future servicing, give extra length to the connecting wires.
* Be sure to attach each screw to its corresponding terminal when securing the cord and/or the wire to the terminal block.

<Diagram>

3-2. FLARING WORK

1) Cut the copper pipe correctly with pipe cutter. (Fig. 1, 2)
2) Completely remove all burrs from the cut cross section of pipe. (Fig. 3)
   • Put the end of the copper pipe to downward direction as you remove burrs in order to avoid to let burrs drop in the piping.
3) Remove flare nuts attached to indoor and outdoor units, then put them on pipe having completed burr removal. (Not possible to put them on after flaring work.)
4) Flaring work (Fig. 4, 5). Firmly hold copper pipe in the dimension shown in the table. Select A mm from the table according to the tool you use.
5) Check
   • Compare the flared work with Fig. 6.
   • If flare is noted to be defective, cut off the flared section and do flaring work again.

<Diagram>

3-3. PIPE CONNECTION

- Fasten flare nut with a torque wrench as specified in the table.
- When fastened too tight, flare nut may break after a long period and cause refrigerant leakage.
- Be sure to wrap insulation around the piping. Direct contact with the bare piping may result in burns or frostbite.

**Indoor unit connection**
Connect both liquid and gas piping to indoor unit.
- Apply a thin coat of refrigeration oil (J) on the flared ends of the pipes. Do not apply refrigeration oil on screw threads. Excessive tightening torque will result in damage on the screw.
- For connection, first align the center, then tighten the first 3 to 4 turns of flare nut.
- Use tightening torque table above as a guideline for indoor unit side union joint section, and tighten using two wrenches. Excessive tightening damages the flare section.

**WARNING**
To avoid risk of fire, flare connection should be installed outdoors. Reusable mechanical connectors and flared joints are not allowed indoors.
When connecting the refrigerant piping by brazing, rather than using flare connections, complete all brazing prior to connecting indoor unit to outdoor unit.

**Outdoor unit connection**

**WARNING**
When installing the unit, securely connect the refrigerant pipes before starting the compressor.

3-4. INSULATION AND TAPEING

1) Cover piping joints with pipe cover.
2) For outdoor unit side, surely insulate every piping including valves.
3) Using piping tape (G), apply taping starting from the entry of outdoor unit.
   • Stop the end of piping tape (G) with tape (with adhesive agent attached).
   • When piping have to be arranged through above ceiling, closet or where the temperature and humidity are high, wind additional commercially solid insulation to prevent condensation.

<Diagram>
4. PURGING PROCEDURES, LEAK TEST, AND TEST RUN

4-1. PURGING PROCEDURES AND LEAK TEST

1) Remove service port cap of stop valve on the side of the outdoor unit gas pipe. (The stop valves are fully closed and covered in caps in initial state.)

2) Connect gauge manifold valve and vacuum pump to service port of stop valve on the gas pipe side of the outdoor unit.

3) Run the vacuum pump. (Vacuumize until 500 microns is achieved.)

4) Check the vacuum with gauge manifold valve, then close gauge manifold valve, and stop the vacuum pump.

5) Leave as it is for one or two minutes. Make sure pointer gauge manifold valve remains in the same position. Confirm that pressure gauge shows ~0.101 MPa [Gauge] (~760 mmHg).

6) Remove gauge manifold valve quickly from service port of stop valve.

4-2. TEST RUN

1) Insert power supply plug into the power outlet and/or turn on the breaker.

2) Press the E.O. SW once for COOL, and twice for HEAT operation. Test run will be performed for 30 minutes. If the left lamp of the operation indicator blinks every 0.5 seconds, inspect the indoor/outdoor unit connecting wire (A) for mis-wiring. After the test run, emergency mode (set temperature 24°C) will start.

3) To stop operation, press the E.O. SW several times until all LED lamps turn off. Refer to operating instructions for details.

4) Checking the remote (infrared) signal reception
   - Press the OFF/ON button on the remote controller (3) and check that an electronic sound is heard from the indoor unit. Press the OFF/ON button again to turn the air conditioner off.
   - Once the compressor stops, the restart preventive device operates so the compressor will not operate for 3 minutes to protect the air conditioner.

4-3. AUTO RESTART FUNCTION

This product is equipped with an auto restart function. When the power supply is stopped during operation, such as during blackouts, the function automatically starts operating in the previous setting once the power supply is resumed. (Refer to the operating instructions for details.)

Caution:
- After test run or remote signal reception check, turn off the unit with the E.O. SW or the remote controller before turning off the power supply. Not doing so will cause the unit to start operation automatically when power supply is resumed.

To the user:
- After installing the unit, make sure to explain the user about auto restart function.
- If auto restart function is unnecessary, it can be deactivated. Consult the service representative to deactivate the function. Refer to the service manual for details.

4-4. SETTING THE INSTALLATION POSITION

Be sure to set the remote controller in accordance with the installed position of the indoor unit.

Installation position:
- Left: Distance to objects (wall, cabinet, etc.) is less than 50 cm to the left
- Center: Distance to objects (wall, cabinet, etc.) is more than 50 cm to the left and right
- Right: Distance to objects (wall, cabinet, etc.) is less than 50 cm to the right

Note:
The installation position can be set only when all the following conditions are met:
- The remote controller is powered off.
- Weekly timer is not set.
- Weekly timer is not being edited.

1) Hold down on the remote controller for 2 seconds to enter the position setting mode.
2) Select the target installation position by pressing . (Each press of the displays the positions in order: center — right — left.)
3) Press to complete the position setting.

4-5. EXPLANATION TO THE USER

- Using the OPERATING INSTRUCTIONS, explain to the user how to use the air conditioner (how to use the remote controller, how to remove the air filters, how to clean, precautions for operation, etc.).
- Recommend the user to read the OPERATING INSTRUCTIONS carefully.
6. RELOCATION AND MAINTENANCE

6-1. REMOVING AND INSTALLING THE PANEL ASSEMBLY

Removal procedure
1) Insert a screwdriver deeply into the holes.
2) Pry off the right and left arm holders by moving the screwdriver down and towards the back wall.
3) Remove the safety wire from the upper center of the panel assembly.

Installation procedure
1) Install the panel assembly following the removal procedure in reverse.
2) Be sure to press the positions as indicated by the arrows in order to attach the assembly completely to the unit.

WARNING
When pumping down the refrigerant, stop the compressor before disconnecting the refrigerant pipes. The compressor may burst if air etc. get into it.

6-2. REMOVING THE INDOOR UNIT

Remove the bottom of the indoor unit from the installation plate.
When releasing the corner boxes, release both left and right bottom corner part of indoor unit and pull it downward and forward as shown in the figure on the right.

6-3. PUMPING DOWN

When relocating or disposing of the air conditioner, pump down the system following the procedure below so that no refrigerant is released into the atmosphere.
1) Connect the gauge manifold valve to the service port of the stop valve on the gas pipe side of the outdoor unit.
2) Fully close the stop valve on the liquid pipe side of the outdoor unit.
3) Close the stop valve on the gas pipe side of the outdoor unit almost completely so that it can be easily closed fully when the pressure gauge shows 0 MPa [Gauge] (0 kgf/cm²).
4) Start the emergency COOL operation.
   To start the emergency operation in COOL mode, disconnect the power supply plug and/or turn off the breaker. After 15 seconds, connect the power supply plug and/or turn on the breaker, and then press the E.O. SW once. (The emergency COOL operation can be performed continuously for up to 30 minutes.)
5) Fully close the stop valve on the gas pipe side of the outdoor unit when the pressure gauge shows 0.05 to 0 MPa [Gauge] (approx. 0.5 to 0 kgf/cm²).
6) Stop the emergency COOL operation.
   Press the E.O. SW several times until all LED lamps turn off. Refer to operating instructions for details.