1. BEFORE INSTALLATION

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

**WARNING** 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 starting the connection 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 which 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. If the capacity of the power circuit is insufficient or there is incomplete electrical work, it could result in a fire or an electric shock.
- Earth the unit correctly.
- Do not connect the earth to a gas pipe, water pipe, light-ning rod, or telephone earth. Defective earthing could cause electric shock.
- Do not damage the wires by applying excessive pressure with parts or screws.
- Damaged wires could cause fire or electric shock.
- 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 flammable gas may leak.
- If gas leaks and accumulates in the area around the unit, it could cause an explosion.
- Do not use intermediate connection of 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 the power supply plug is pushed completely into the outlet. If there is dust, clogging, or 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, 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 will 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 and there is risk of fire.
- 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 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.
- Cable-work shall be protected from physical damage.
- The installation of pipe-work shall be kept to a mini-mum.
- Compliance with national gas regulations shall be observed.
- Keep any required ventilation openings clear of obstruc-tion.
- 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-defibrilla-tor. 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.
- In Australia, only technicians that possess the appro-priate license issued by the Australian Refrigeration Council (ARC) should install this product.

*Required Tools for Installation*

- Phillips screwdriver
- Level
- Torque wrench (or spanner)
- Gauge manifold for R32, R410A
- Charge hose for R32, R410A
- Pipe cutter with reamer
- Appropriate personal protective equipment

The installer should ensure they check the respective Work Health and Safety (WHS) Act within their jurisdiction as the requirements and obligations may differ.
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

- Where airflow is not blocked.
- Where cool (or warm) air spreads over the entire room.
- Rigid wall without vibration.
- Where it is not exposed to direct sunshine. Do not expose to direct sunshine also during the period following unpacking to before use.
- Where easily drained.
- At a distance 1 m or more away from 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 make the infrared remote control operate the air conditioner normally. The heat from the lights may cause deformation or the ultraviolet may cause deterioration.
- Where the air filter can be removed and replaced easily.
- Where it is away from the other heat or steam source.
- Please ensure that the Router supports the WPA2-AES encryption setting before commencement of the installation of this indoor unit equipped with the Wi-Fi interface.
- The End user should read and accept the terms and conditions of the Wi-Fi interface.
- Select a position a little within the area where the area is not too large.
- Please install it in an area not affected by snowfall or blowing snow. In areas with heavy snow, please install a canopy, a pedestal and/or some baffle boards.

**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 (‘deep’ or ‘deep deep’ receiving tone 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 *3, *4)</th>
<th>Maximum amount of refrigerant charge *7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor unit</td>
<td>Outdoor unit</td>
<td>Breaker capacity</td>
<td>Power supply *2</td>
<td>Indoor/outdoor connecting wire *2</td>
</tr>
<tr>
<td>MSZ-LN25VG</td>
<td>MUZ-LN25VGHZ</td>
<td>10 A</td>
<td>3-core 1.0 mm²</td>
<td>4-core 1.0 mm²</td>
</tr>
<tr>
<td>MSZ-LN35VG</td>
<td>MUZ-LN35VGHZ</td>
<td>12 A</td>
<td>3-core 1.5 mm²</td>
<td></td>
</tr>
<tr>
<td>MSZ-LN50VG</td>
<td>MUZ-LN50VGHZ</td>
<td>16 A</td>
<td>3-core 2.0 mm²</td>
<td></td>
</tr>
<tr>
<td>MSZ-LN60VG</td>
<td>MUZ-LN60VG</td>
<td></td>
<td></td>
<td></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 pipes 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.)

**Note:**

- When operating the air conditioner in low outside temperature, be sure to follow the instructions described.
- Never install the outdoor unit in a place where its air inlet/outlet side may be exposed directly to wind.
- To prevent exposure to wind, install the outdoor unit with its air inlet side facing the wall.
- To prevent exposure to wind, it is recommended to install a baffle board on the air outlet side of the outdoor unit.

- Avoid the following places for installation where air conditioner trouble is liable to occur.
- Where flammable gas could leak.
- Where there is much machine oil.
- Where oil is splashed or where the area is filled with oily smoke (such as cooking areas and factories, in which the properties of plastic could be changed and damaged).
- Salty places such as the seaside.
- Where sulfide gas is generated such as hot spring, sewage, waste water.
- Where there is high-frequency or wireless equipment.
- Where there is emission of high levels of VOCs, including phthalate compounds, formaldehyde, etc., which may cause chemical cracking.
- The appliance shall be stored so as to prevent mechanical damage from occurring.

- **For indoor unit equipped with the Wi-Fi interface:***

  - Never install the indoor unit equipped with the Wi-Fi interface with the Wireless remote controller.
  - Make sure to follow the instructions described.
  - Install an earth leakage breaker depending on the installation place.
  - If an earth leakage breaker is not installed, it could cause electric shock.
  - Perform the drainage/piping work securely according to the installation manual.
  - If there is defect in the drainage/piping work, water could drop from the unit, soaking and damaging household goods.
  - Do not touch the air inlet or the aluminum fins of the outdoor unit.

  This could cause injury.

- **For outdoor unit equipped with the Wi-Fi interface:**

  - Do not use the outdoor unit equipped with the Wi-Fi interface nearby other wireless devices, microwaves, cordless phones, or facsimiles.
  - It can cause malfunctions.

- **To prevent damage from static electricity:**

  - Touch a conductive wall or water pipe before touching the indoor unit equipped with the Wi-Fi interface.
  - Static electricity from the human body may damage the Wi-Fi interface unit.

- **To prevent frost, air blower, or wind from the outdoor unit:**

  - To prevent frost, air blower, or wind from the outdoor unit, it could cause a malfunction, smoke emission, or fire.
  - Also, advise user to keep the area around the unit clean.

- **To prevent the increase of operation sound or vibration:**

  - Where there is no risk of combustible gas leakage.
  - Where the air conditioner may interfere with radio or TV reception in areas where reception is weak.
  - An amplifier may be required for the affected device.

- **To prevent snowfall or heavy snow:**

  - Install a canopy, a pedestal and/or some baffle boards.
1-4. INSTALLATION DIAGRAM

PARTS TO BE PROVIDED AT YOUR SITE

| (1) Installation plate                       | 1 |
| (2) Installation plate fixing screw 4 × 25 mm | 5 |
| (3) Wireless remote controller             | 1 |
| (4) Felt tape (For left or left-rear piping) | 1 |
| (5) Remote controller holder               | 1 |
| (6) Fixing screw for (5) 3.5 × 16 mm (Black) | 2 |
| (7) Corner box R                           | 4 |
| (8) Corner box L                           | 4 |
| (9) Battery (AAA) for (3)                  | 2 |
| (10) Air cleaning filter                    | 1 |
| (11) Air purifying device                  | 1 |

(A) Indoor/outdoor unit connecting wire*1 1
(B) Extension pipe 1
(C) Wall hole sleeve 1
(D) Wall hole cover 1
(E) Pipe fixing band 2 to 5
(F) Fixing screw for (E) 4 × 20 mm 2 to 5
(G) Piping tape 1
(H) Putty 1
(I) Drain hose (l) (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.

IMPORTANT NOTES

- Units should be installed by licensed contractor according to local code requirements.
- To comply with the requirements of Australian standard AS/NZS 3000 electrical installations (wiring rules), the electrical wiring required between the indoor and outdoor units must be installed by a licensed electrical contractor.
- Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

WARNING

To avoid risk of fire, flares 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 flares 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.

Drain piping for outdoor unit

- Provide drain piping before indoor and outdoor piping connection.
- Connect drain hose (l) 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 (12) 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.

Appearance of the outdoor unit may differ from some models.

*2 100/500 mm or more when front and sides of unit are clear

*3 When any 2 sides of left, right and rear of unit are clear

*4 The manufacturing year and month is indicated on the spec name plate.

*4 The manufacturing year and month is indicated on the spec name plate.
2. INDOOR UNIT INSTALLATION

2-1. FIXING OF INSTALLATION PLATE
- Determine the wall hole position.
- Drill a ø65 mm hole. The outdoor side should be 5 to 7 mm lower than the indoor side.
- Insert wall hole sleeve (C).

2-2. WALL HOLE DRILLING
1) Open the front panel
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). Check if the indoor unit is hooked securely on the installation plate (1).
3) Check if the drain hose has passed the room, be sure to wrap insulation material (obtainable at a store) around it.

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.

- For future servicing, give extra length to the connecting wires.
- Make earth wire a little longer than others. (More than 60 cm)
- Do not fold the excess wire, or cram it into small space. Take caution not to damage the wires.
- Be sure to attach each screw to its corresponding 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.

2-4. 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.

Drain Piping
- If the extension drain hose has to pass through a room, be sure to wrap it with commercially sold 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)

- Do not make drain piping as shown below.

Left or left-rear piping
Note:
Be sure to reattach the drain hose and the drain cap in case of left or left-rear piping.
Otherwise, it could cause drops of water to drip down from the drain hose.
1) Put the refrigerating piping and the drain hose together, then firmly apply felt tape (4) from the end. Felt tape (4) overlap width should be 1/3 the tape width. Use a bandage stopper at the end of felt tape (4).
2) Pull out the drain cap at the rear right of the indoor unit. (Fig. 1)
   - Hold the convex section at the end and pull the drain cap.
3) Pull out the drain hose at the rear left of the indoor unit. (Fig. 2)
   - Hold the claw marked by the arrows and pull out the drain hose forward.
4) Put the drain cap into the section to which the drain hose is to be attached at the rear of the indoor unit. (Fig. 3)
   - Insert not sharp-edged tools such as screwdrivers into the hole at the end of the cap and insert the cap fully into the drain pan.
5) Insert the drain hose fully into the drain pan at the rear right of the indoor unit. (Fig. 4)
   - Check if the hose is hooked securely to the projection of its inserting part at the drain pan.
6) Insert the drain hose into wall hole sleeve (C), and hook the upper part of indoor unit on installation plate (1). Then, move the indoor unit completely to the left in order to make placing the piping in the back space of the unit easier.
7) Cut out a piece of cardboard from the shipping box, roll it up, hook it onto the back rib, and use it as a spacer to lift the indoor unit. (Fig. 5)
8) Connect the refrigerating piping with the extension pipe (B).
9) Thrust the lower part of the indoor unit into the installation plate (1).
2-5. ASSEMBLING OF CORNER BOX

- The corner boxes are stowed 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.

- 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.

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

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.

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.

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

**WARNING**
When connecting the refrigerant piping by brazing, rather than using flare connections, complete all brazing prior to connecting indoor unit to outdoor unit.

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

3-4. INSULATION AND TAPING
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.
   • For tightening, use a torque wrench or spanner and use the same tightening torque applied for indoor unit.

**WARNING**
When piping have to be arranged through a ceiling, closet or where the temperature and humidity are high, wind additional commercially sold insulation to prevent condensation.
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 leave it as it is for one or two minutes.

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

6) Charge slowly with liquid refrigerant and this causes trouble.

7) After refrigerant pipes are connected and evacuated, fully open all stop valves on both sides of gas pipe and liquid pipe. Operating without fully opening lowers the performance and this causes trouble.

8) Refer to 1-3., and charge the prescribed amount of refrigerant if needed. Be sure to charge slowly with liquid refrigerant. Otherwise, composition of the refrigerant in the system may be changed and affect performance of the air conditioner.

9) Tighten cap of service port to obtain the initial status.

10) Leak test

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 operation 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 \( \text{E.O. SW} \) on the remote controller for 2 seconds to enter the position setting mode.
2) Select the target installation position by pressing \( \text{E.O. SW} \). (Each press of the \( \text{E.O. SW} \) displays the positions in order: center \( \rightarrow \) right \( \rightarrow \) left.)
3) Press \( \text{E.O. SW} \) to complete the position setting.

<table>
<thead>
<tr>
<th>Installation position</th>
<th>Left</th>
<th>Center</th>
<th>Right</th>
</tr>
</thead>
<tbody>
<tr>
<td>Remote controller display</td>
<td><img src="Image" alt="Image" /></td>
<td><img src="Image" alt="Image" /></td>
<td><img src="Image" alt="Image" /></td>
</tr>
</tbody>
</table>

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 string 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.

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.

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