**SAFETY PRECAUTION**

- Read the safety precautions carefully before operating the unit.
- The contents of this section are vital to ensure safety. Please pay special attention to the following sign.

**WARNING** Incorrect methods of installation may cause death or serious injury.

Be sure that the unit operates in proper condition after installation. Examine to customer the proper way of operating the unit as described in the user’s guide.

**CAUTION** Improper installation may result in serious consequence.

**WARNING**

- Please request your sales agent or qualified technician to install your unit. Water leakage, short circuit or fire may occur if you do the installation work yourself.
- Please follow the instructions listed in the installation manual during the process of installation. Improper installation may cause water leakage, electric shock and fire.
- Make sure that the units are mounted at locations which are able to provide full support to the weight of the units. If not, the units may collapse and impose danger.
- Observe the rules and regulations of the electrical installation and the methods described in the installation manual when dealing with the electrical work. Use power cables approved by the authorities of your country or region.
- Be sure to use the specified wire for connecting the indoor and outdoor units. Please ensure that the connections are tight and the conductors of the wire are inserted into the terminals. Improper insertion and loose contact may cause over-heating and fire.
- Be sure to use copper wire for installation work. Otherwise, the units may collapse or water leakage, electric shock and fire may occur.
- Be sure to use the specified piping set for R410A. Otherwise, this may result in broken copper pipes or faults.
- Be sure that the wire is not allowed to remain in the refrigeration cycle. Otherwise, pressure in the refrigeration cycle may become abnormally high so that a rupture may be caused.
- Be sure to ventilate fully if a refrigerant gas leak while at work. If the refrigerant gas comes into contact with fire, etc., a poisonous gas may occur.
- Unauthorized modifications to the air conditioner may be dangerous. If a breakdown occurs please call a qualified air conditioning technician or electrician. Improper repairs may result in water leakage, electric shock and fire, etc.

**CAUTION**

- A circuit breaker or fuse (30A/110V) must be installed. Without a circuit breaker or fuse the danger of electric shock exists.
- A main switch with a contact gap of more than 3mm has to be installed in the power supply line to the unit.
- Use fastening materials which will withstand heat insulation and causes heat transfer. Then the pipes may be heated, thus the difference in temperature between indoor and outdoor units is not too big.
- Use proper installation materials which make it possible to prevent damages with high temperature.
- Do not install the unit near a location which may cause heat transfer. The outdoor unit may catch fire if flammable gas leaks around it.
- Please ensure smooth flow of water when installing the drain hose.
- Piping shall be suitably supported with a maximum spacing of 1m between the supports.

![Diagram of installation and outdoor unit](Image)

**Name of Indoor Components**

- **Component Name**
- **Quantity**
- **Item**
- **Type**

**WARNING**

- The user should avoid the moisture or mists, noises and vibrations which can provide foul support to the unit.

**CAUTION**

- Do not install the unit in locations which are exposed to direct sunlight or rain. Ventilation must be good and clear of obstruction.
- Do not install at a location where there is flammable gas, steam, or smoke. The location must be convenient for water drainage.
- Do not install at a location where there is an antenna or signal line of television, radio or telephone. This is to avoid noise interference.
- Do not expose the unit under direct sunshine or rain. Besides, the location must be good ventilation must be good and clear of obstruction.

![Diagram of outdoor unit](Image)

**Name of Outdoor Components**

- **Component Name**
- **Quantity**
- **Item**
- **Type**

**WARNING**

- The installation height of indoor unit must be 2.3m or more in a room. The installation height of outdoor unit must be 2.3m or more in a room.

**CAUTION**

- Do not install the unit unless it is thoroughly grounded.
- You are free to choose the side (left or right) for the installation of drain hose. Please ensure the smooth flow of condensed water of the indoor unit during installation. (Condensates may result in water leakage.)

![Diagram of drain hose](Image)

**CAUTION**

- Be sure that the drain hose is not loosely connected or torn.
CONNECTION OF POWER CORD

OUTDOOR UNIT

When the air conditioner is used in low temperature and in snowy conditions, water from the heat exchanger may freeze on the base surface and cling to the base. After installation, check whether the drain pipe cling to the base firmly.

Condensed Water Disposal Of Outdoor Unit

IN CASE OF REMOVING OUTDOOR UNIT

1. Complete the sealing of the drain pipe to the drain pump.
2. Complete the drainage of the condensed water to the base.
3. Check that the drain pipe is not blocked.
4. When removing the unit, check the drain pipe to the base firmly.

Power Source And Operation Test

Power Source

- Do not alter the plug of power cord.
- Do not make extension to the power cord.

CAUTION

- Please use a new socket. Accident may occur due to the use of old sockets because of poor contact.
- Please plug in and then remove the plug for 2 ~ 3 times.
- This is to ensure that the plug is completely plugged into the socket.
- Keep additional length for the power cord and do not render the plug under external force as this may cause poor contact.
- Do not fit the power cord with U-shape nut.

Operation Test

- Please ensure that the air conditioner is in normal operating condition during the operation test.
- Explain to your customer the proper operation procedures as described in the user's manual.

How To Remove The Front Cover

- Open the cover (1) and remove the screw.
- After open the front panel, remove the screw and open the cover (2).
- Remove the filter, release the side with pulling the center portion of front cover in the direction of arrow (1).
- Remove and put on a protective cover to the handle to the right of left side.
- After raise the front cover from bottom side as (2), release the front cover by pulling the left side and release it from the fan frame.

How To Install The Front Cover

- Insert the two hooks (1) at the upper side carefully.
- Open Front Panel, push the center down in the direction of arrow to insert the rails at the center of the front cover into the hook at the outlet frame.
- Fix the screw and cover (2) and (3) to the outlet frame.