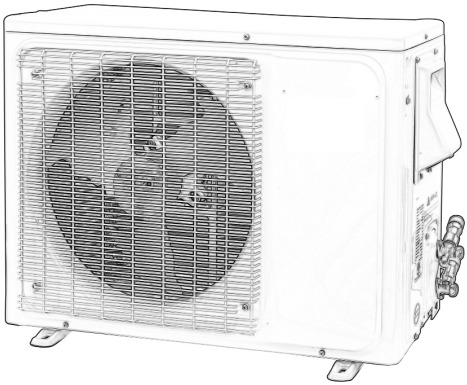
Split Air Conditioner



Customer & Technical Support Information
(Please contact us BEFORE returning product)

Website:www.auxusa.com
Contact Phone # : 1-909-979-9892(Mon-Fri, 9am-5pm/PST)
Email: support@auxusa.com

CONTENTS

SAFETY INFORMATION 3-9

SET UP & USE
Operating Conditions 10-11

INSTALLATION
Parts & Features 14
Notices 15
Indoor Unit Installation 16-25
Outdoor Unit Installation 26-31
Install the Refrigerant Pipe 32-35

REMOTE CONTROL MANUAL 37-45

TEST OPERATION 46

CLEAN & CARE 47-48

TROUBLESHOOTING & WARRANTY 49-50

PRODUCT REGISTRATION

Thank you for purchasing our Commercial Cool product. This easy-to-use manual will guide you in getting the best use of your split AC.

Remember to record the model and serial numbers. They are on a label in the rear.

Model number

Serial number

Date of purchase

Staple your receipt to your manual.
You will need it to obtain warranty service.

SAFETY INFORMATION

PLEASE READ THE FOLLOWING BEFORE OPERATION.

Recognize safety information. ⚠ This is the safety-alert symbol. When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury. Understand these signal words: **DANGER**, **WARNING**, and **CAUTION**. These words are used with the safety-alert symbol.
DANGER identifies the most serious hazards which will result in severe personal injury or death.
WARNING signifies hazards which could result in personal injury or death.
CAUTION is used to identify unsafe practices which may result in minor personal injury or product and property damage.
NOTE is used to highlight suggestions which will result in enhanced installation reliability, or operation.

NOTE: Your actual air conditioning & heating system and related devices may differ from the images shown in this manual.

⚠ WARNING
This appliance is not intended for use by children without responsible adult supervision. Proper care should be taken to ensure safety.

⚠ WARNING
Heat pumps, air conditioners & heating equipment should be installed, started up, and serviced only by qualified installers and service technicians. Air conditioning, heat pumps and refrigeration systems are hazardous due to high voltage electrical components, high refrigerant pressures, and moving parts.

⚠ WARNING
- Disconnect electrical power to the indoor and outdoor units before performing any maintenance or cleaning.
- Do not attempt to repair the system yourself. Incorrect repairs may cause electric shock or fire. Contact a qualified service technician for all service requirements.
- Keep combustible materials away from the unit.

SAFETY INFORMATION

PLEASE READ THE FOLLOWING BEFORE OPERATION.

⚠ CAUTION

- Do not put hands or any objects into the air inlets or outlets. This may cause personal injury or damage to the unit.
- When cleaning, be careful not to splash water on the unit. Doing this may cause electric shock or damage to the unit.
- Do not use or place any flammable, combustible or noxious substance next to the unit.
- In the event of a failure (burning smell, etc.), immediately disconnect all electrical power to indoor and outdoor units.
- Never try repairing the system yourself; contact a qualified service technician for all repairs.

SAFETY RULES AND RECOMMENDATIONS FOR THE INSTALLER

⚠ Read this guide before installing and using the appliance.

⚠ During the installation of the indoor and outdoor units, access to the working area should be off limits to children. Unforeseeable accidents can occur.

⚠ Make sure that the base of the outdoor unit is securely installed and stable before use.

⚠ Check that air cannot enter the refrigerant system and check for refrigerant leaks when moving the air conditioner.

⚠ Do not install the appliance closer than 50cm from flammable substances (alcohol, etc.) or pressurized containers(e.g. spray cans).

⚠ If the appliance is used in areas without the possibility of ventilation, precautions must be taken to prevent any leaks of refrigerant gas from remaining in the environment to avoid creating a fire hazard.

⚠ The packaging materials are recyclable and should be disposed of in separate waste bins. The air conditioner itself must be taken to a special waste collection center for proper disposal.

⚠ Only use the air conditioner as instructed in this booklet. These instructions are not intended to cover every possible condition or situation. As with only electric household appliance, common sense and caution are therefore always recommended for installation, operation, and maintenance.

⚠ The appliance must be installed In accordance with NEC and local codes.

⚠ Before accessing the terminals, all the power circuits must be disconnected from the power supply.

SAFETY INFORMATION

SAFETY RULES AND RECOMMENDATIONS FOR THE USER

- ⚠ Do not try to install the air conditioner alone; always contact trained, experienced personal.
- ⚠ Cleaning and maintenance must be carried out by a trained and experienced individual or technician. Make sure to disconnect the appliance from the main's electrical supply prior to cleaning or maintenance of the unit.
- ⚠ Never remain directly exposed to the flow of cold air for extended periods. Direct and prolonged exposure to cold air could be dangerous to your health.
  Particular care should be taken in rooms where there are children, elderly, or sick individuals.
- ⚠ If the appliance gives off smoke or there is a burning smell, immediately disconnect the power supply and contact the Service Center. Prolonged use of the device afterword could cause fire or electrocution.
- ⚠ Have repairs or maintenace carried out only by licensed mechanical contractor. Incorrect repair could expose the user to risk of electric shock, fire hazard, etc..
- ⚠ The air conditioner itself must be taken to a special waste collection center for proper disposal.
- ⚠ This appliance has been made for air conditioning domestic environments and must not be used for any other purpose, such as for drying clothing, cooling food, etc..
- ⚠ Always use the appliance with the air filter mounted. The use of the conditioner without the air filter could cause an excessive accumulation of dust or waste on the inner parts of the device with possible subsequent failures.
- ⚠ The user is responsible for having the appliance installed by a licensed mechanical contractor.
- ⚠ Disable automatic functions if you foresee not using the device for on extended period of lime. The air flow direction must also be properly adjusted.
- ⚠ Check all building codes for applicable building permits or requirements.

SAFETY INFORMATION

⚠ Only use the air conditioner as instructed in this manual. These instructions are not intended to cover every possible condition or situation.

⚠ Ensure that the appliance is disconnected from the power supply when it will not be in operation for an extended period and before carrying out any cleaning or maintenance.

SAFETY RULES AND PROHIBITIONS

- Do not use extension cords.
- Do not touch the appliance when barefoot or parts of the body are wet or damp.
- Do not obstruct the air inlet or outlet of the indoor or outdoor units. Obstruction of these openings causes a reduction in the operating efficiency of the air conditioner and can lead to consequent failures or damages.
- Do not alter the characteristics of the appliance in any way.
- Do not install the appliance in environments where the air could contain gas, oil or sulphur or near sources of heat.
- This appliance is not intended for use by persons [including children] with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not climb onto or place any heavy or hot objects on top of either the indoor or outdoor unit.
- Do not leave windows or doors open for long when the air conditioner is in operation.
- Do not direct the flow of cold air onto plants or animals. Prolonged direct exposure to cold air produced by the air conditioner could have negative effects on plants and animals.

SAFETY INFORMATION

- Do not put the air conditioner in contact with water. The electrical insulation could be damaged and lead to electrocution.
- Never insert a stick or similar object into the appliance. Such misuse can lead to injury or damage to the operation of the units.
- Children should be supervised to ensure that they do not play with the appliance.

SAFETY PRECAUTIONS

Read Before Using

Incorrect usage may cause serious damage or injury.
The seriousness of potential damage of injuries is classified as either a **WARNING** or **CAUTION.**

WARNING — This symbol indicates ignoring instructions may cause death or serious injury.

CAUTION — This symbol indicates that ignoring instructions may cause moderate injury to your person, damage to your unit, or other property.

This symbol indicates that you should NEVER perform the indicated action.

⚠ WARNING

- DO NOT share the electrical circuit with other appliances. Improper or insufficient power supply can cause fire or electrical shock.
- When connecting refrigerant piping, **DO NOT** let substances or gases other than the refrigerant enter the unit. The presence of other gases or substances will lower the unit's capacity, and may cause abnormally high pressure in the operation cycle. This may cause explosion and injury.
- **DO NOT** allow children to play with the air conditioner. Children should be supervised around the unit at all times.

1. Installation must be performed according to installation instructions. Improper installation may cause water leakage, electrical shock, fire, or may void the warranty.

2. In North America, service or repair must be performed in accordance with the requirement of NEC and CEC (by authorized personnel or authority having jurisdiction only.) Contact an authorized service technician for repair or maintenance of the unit.
3. Only use the included accessories and specified parts for installation. Using non-standard parts can cause water leakage, electrical shock, or fire and may cause the unit to fall.
4. For all electrical work. Connect cables tightly, and clamp them securely to prevent external forces from damaging the terminal. Improper electrical connections may overheat causing fire and/or electrical shock.
5. All wiring must be properly arranged to ensure that the control board cover can close properly. If the control board cover is not closed properly, it can lead to corrosion and cause the connection points on the terminal to overheat, causing fire and / or electrical shock.
6. In certain functional environments, such as kitchens, server rooms, etc., the use of specially designed air-conditioning units is highly recommended.
7. This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance should not be made by children without supervision.

SAFETY INFORMATION

CAUTION

⊘ **DO NOT** install the unit in a location that may be exposed to combustible gases. If combustible gas accumulates around the unit, it may cause fire.

⊘ **DOT NOT** operate your air conditioner in a wet room such as a bathroom or laundry room. Too much exposure to water may cause electrical components to short circuit.

⊘ **DO NOT** operate the air conditioner with wet hands. This may cause electrical shock.

⊘ **DO NOT** climb onto or place objects on top of the outdoor unit.

1. The product must be properly grounded during installation, or electrical shock may occur.
2. Install drainage piping according to the instructions in this manual. Improper drainage may cause water damage to your home and property.

OPERATING CONDITIONS

- Within the temperature range provided in following table, the air conditioner may stop running and other anomalies may arise.

Cooling	Outdoor	> 109.4˚F (Apply to T1)
		> 125.6˚F (Apply to T3)
	Indoor	< 64.4˚F
Heating	Outdoor	> 75.2˚F
		< 19.4˚F
	Indoor	> 80.6˚F

- When the temperature is too high, the air conditioner may activate the automatic protection device, so that the air conditioner could be shut down.
- When the temperature is too low, the heat exchanger of the air conditioner may freeze, leading to water leakage or other malfunction.
- In long-term cooling or dehumidification with a relative humidity of above 80% (doors and windows are open), there may be water condensation or dripping near the air outlet.
- T1 and T3 refer to ISO 5151.

NOTES FOR HEATING

- The fan of the indoor unit will not start running immediately after the heating is started to avoid blowing out cool air.
- When it is cold and wet outside, the outdoor unit will develop frost over the heat exchanger which will compromise the heating capacity. This is when the air conditioner will start to defrost.
- During defrost, the air conditioner will stop heating for about 5-12 minutes. Vapor may come out from the outdoor unit during defrost. This is not a malfunction, but a result of fast defrost.
- Heating will resume after defrost is complete.

SET UP & USE

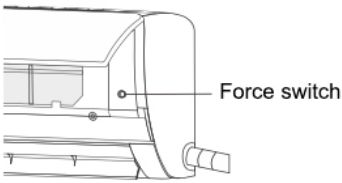
NOTE FOR TURNING OFF

- When the air conditioner is turned off, the main controller will automatically decide whether to stop immediately or after running for dozens of seconds with lower frequency and lower air speed.

NOTICES FOR USE

Emergency Operation

- If the remote control is lost or broken, use force switch button to operate the air conditioner.
- If this button is pushed with the unit OFF, the air conditioner will operate in Auto mode.
- If this button is pushed with the unit ON, the air conditioner will stop running.

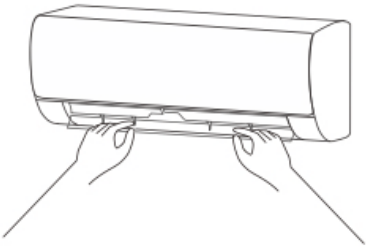


Airflow Direction Adjustment

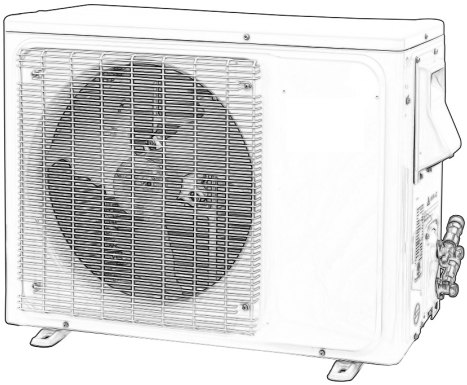
- Use up-down swing and left-right swing, buttons on the remote control to adjust the airflow direction. Refer to the operation manual of the remote control for detail.
- For models without left-right swing function, the fins have to be moved manually.

⚠ **Move the fins before the unit is in operation, or your finger might be injured.**

⚠ **Never place your hand into the air inlet or outlet when the air conditioner is in operation.**



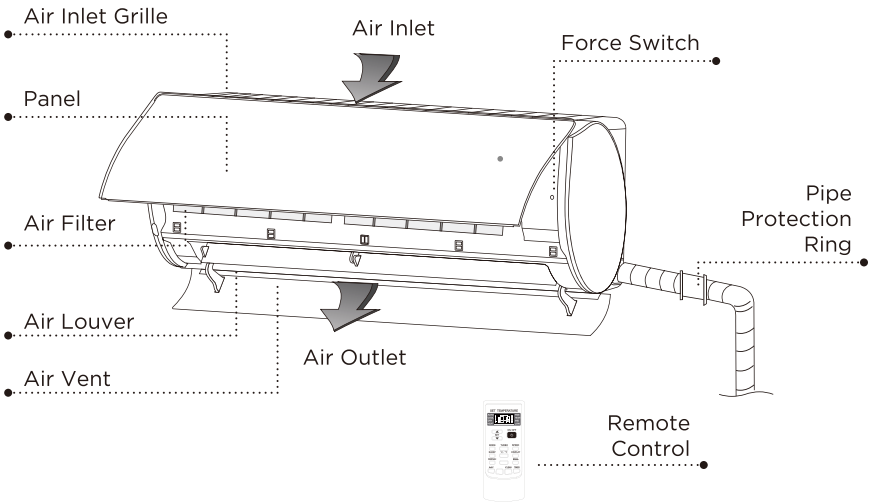
INSTALLATION INSTRUCTIONS



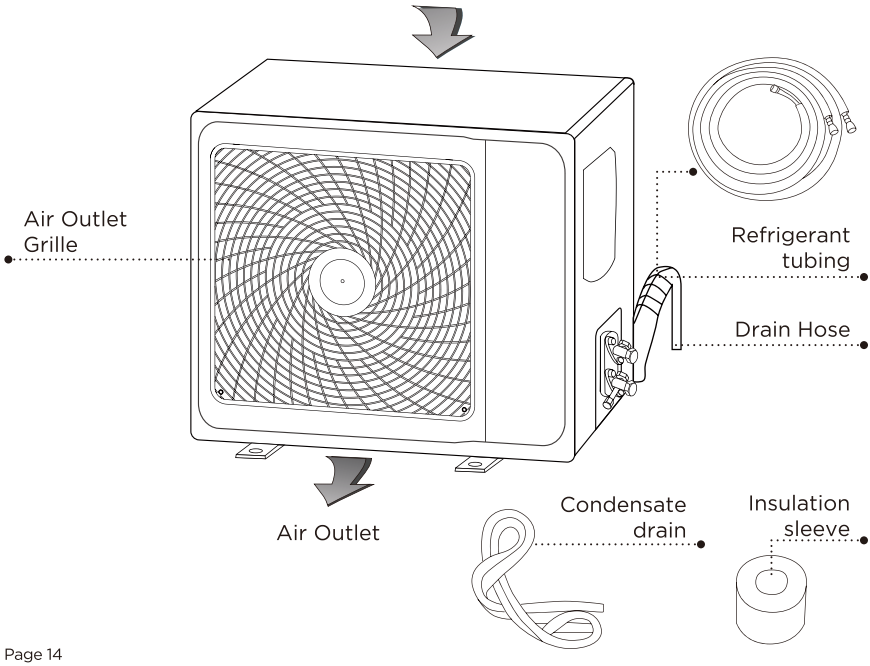
INSTALLATION INSTRUCTIONS

PARTS & FEATURES

INDOOR UNIT



OUTDOOR UNIT

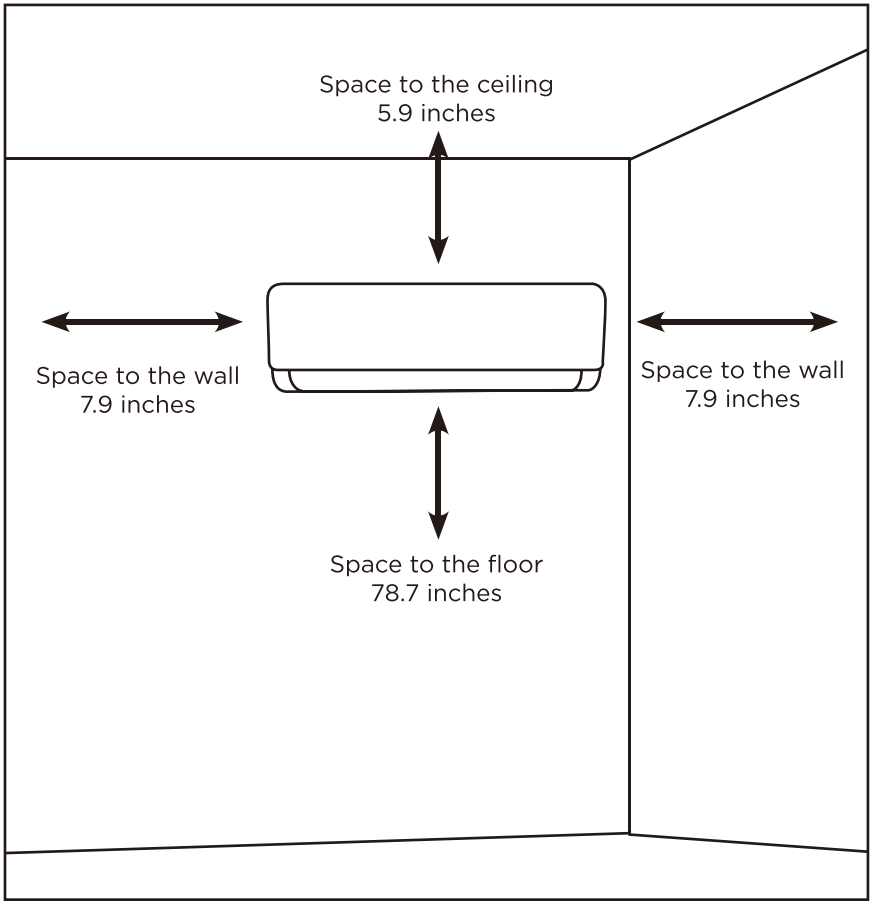


INSTALLATION INSTRUCTIONS

NOTICES:

- A split system air conditioner is a great option for keeping your home cool and comfortable in the summer months. These units are also quieter, easier to install, and may be more energy efficient than some central air conditioning.
- This type of A/C is ductless, so all you have to do is install the cooling unit inside and the compressor and condenser unit outside, then run piping and a power cable between the units.
- If you don't want to hire a professional to install a split system air conditioner and you have some experience with plumbing and electrical work, you can install the unit on your own. Building permits are required. Installation must be in accordance with NEC and other local codes.
- Each air conditioning unit is unique to its manufacturer, but the general installation process is the same.
- See rating label of outdoor unit for electrical service requirements.

INDOOR UNIT INSTALLATION



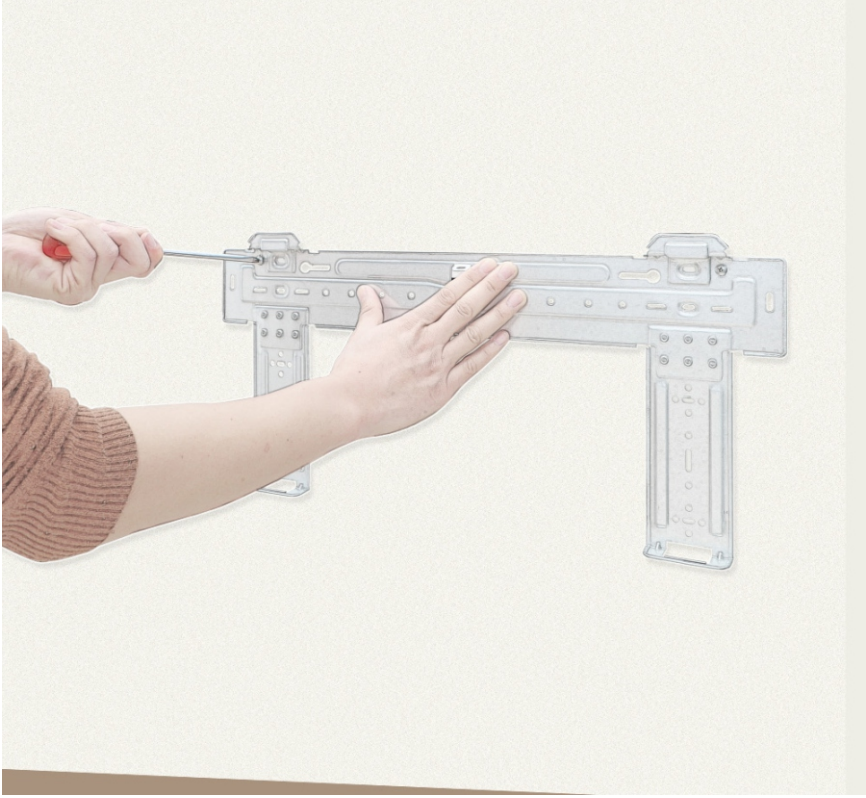
1. Select an unobstructed location on your interior wall to mount the indoor unit.

- You'll need to cut a hole through the wall to feed the pipes from the indoor unit to the outdoor unit, so make sure the location you choose will allow you to do so. Choose a spot away from direct sunlight airflow.

INSTALLATION INSTRUCTIONS

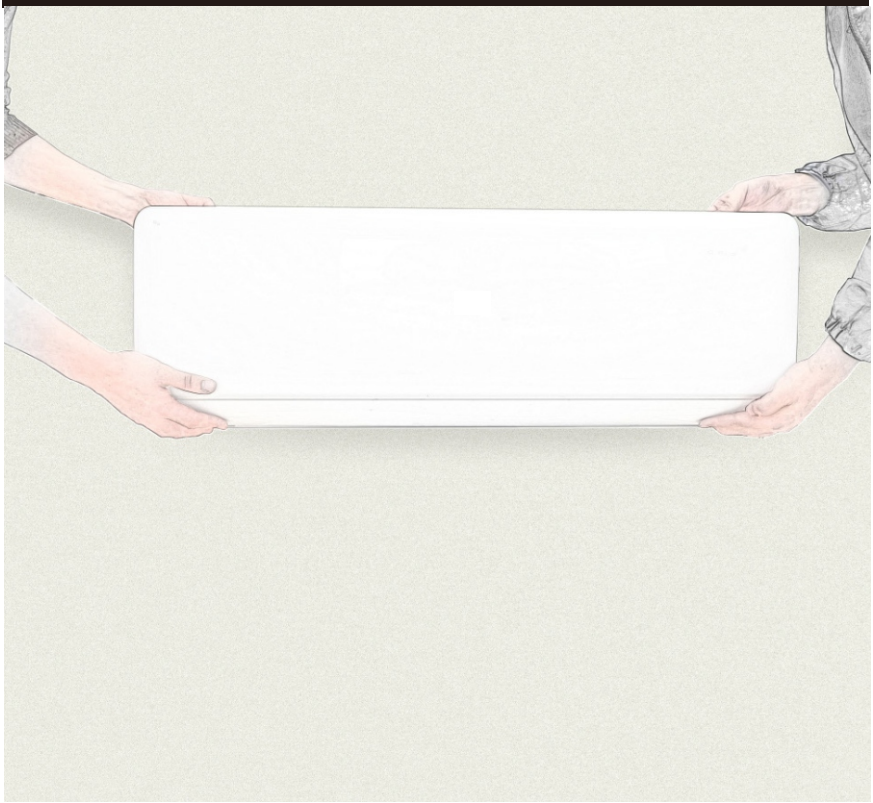
- Choose a location with studs to ensure the wall is strong enough to hold the weight of the unit.
- Install the unit at least 3.3 feet (1.0 m) away from antennas and power or connecting lines that are used for television, radio, home security systems, intercoms, or telephones. The electrical noise from these sources could cause operational problems for your air conditioner.
- Avoid locations where gas may leak or where oil mist or sulfur exists.
- Most of these units have remote controls so that you can easily turn them on or off and adjust the temperature even if they're mounted high on the wall.

Tip: Choose a central location for the indoor unit where the cool air can easily flow through your home, such as in the living room.



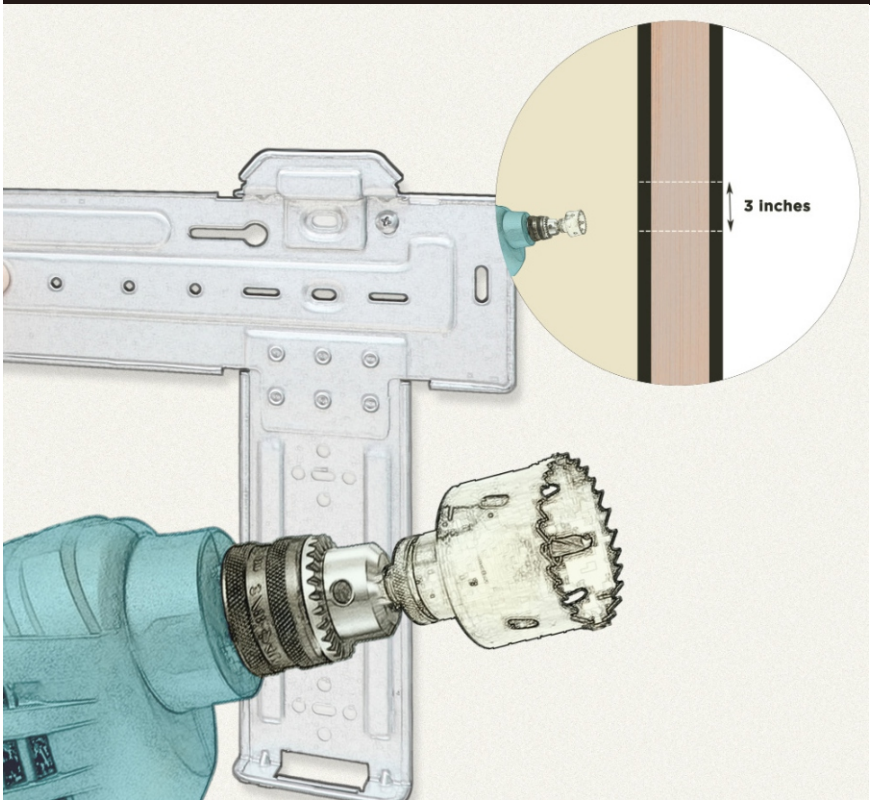
2. Secure the mounting plate to the interior wall.

- Hold the mounting plate against the wall where you want to install the indoor unit. Use a level to make sure it is both horizontally and vertically level. Use a pencil to mark the locations of the screw holes, remove the plate, then drill a hole into the wall where each screw will go.
- Position the plate so it matches up with the holes, insert plastic anchors into the holes, and secure the plate to the wall with tapping screws. It is recommended that the bracket is secured to framing members (studs) to ensure adequate mouting.



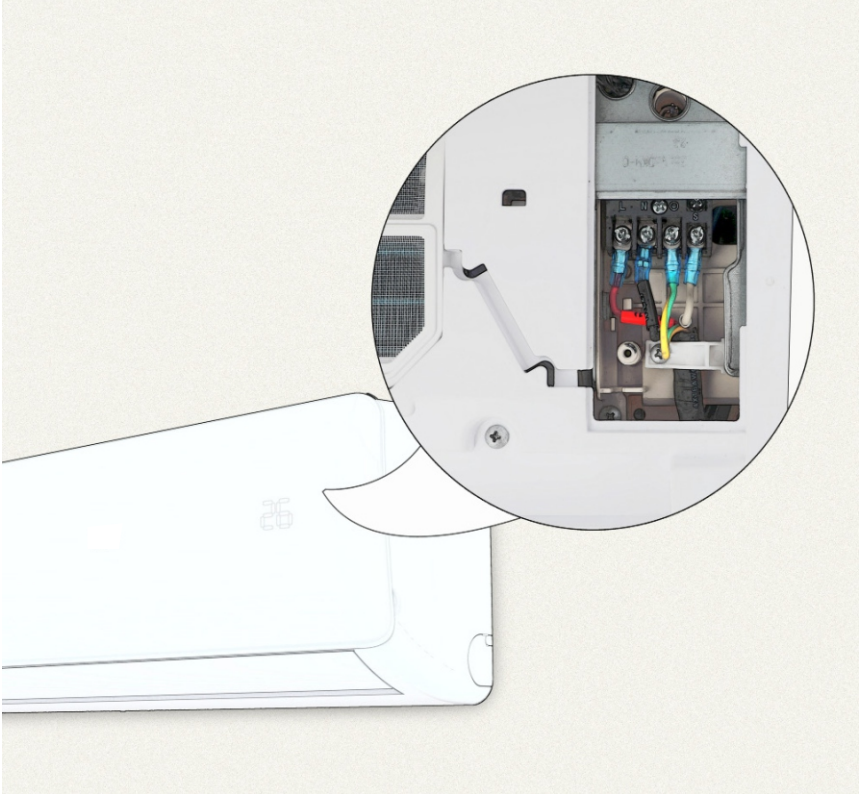
3. Secure the indoor unit to the mounting plate.

- To attach the air conditioner to the wall, simply align the female connections on the back of the unit with the male connections on the mounting plate and press firmly to secure the unit in place. Make sure the unit tilts backward 2-3 degrees so that water can flow out of the drain pipe.
- It may help to have a friend hold the unit in place while you secure the connections.



4. Drill a 3 in. (7.6 cm) hole through the wall so you can feed the pipes outside.

- Make a mark in the center of the hole in the mounting plate. Use a keyhole saw or a drill with a hole-cutting attachment to create a circular 3 in. (7.6 cm) opening through the wall that slopes slightly downward toward the ground to ensure adequate drainage.
- Make sure there are no pipes or wires behind the wall before drilling or cutting the hole.



5. Check the electrical connections on the indoor unit.

Route of Pipeline

- Depending on the position of the unit, the piping may be routed sideway from the left or the right (Fig. 1), or vertically from the back (Fig. 2) (depending on the pipe length of the indoor unit). The indoor unit will draw it's power from the exterior unit. In the case of sideway routing, cut off the outlet cutting stock of the opposite side. All exterior wiring must be in LFNC-B or equivalent in accordance with NEC requirements.

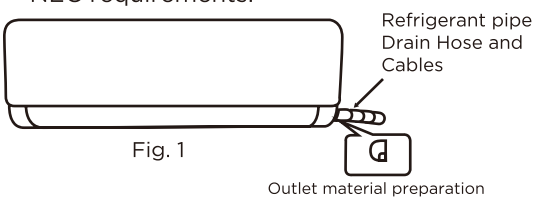


Fig. 1

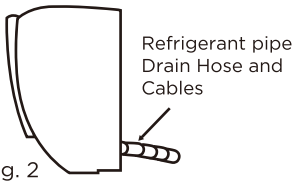
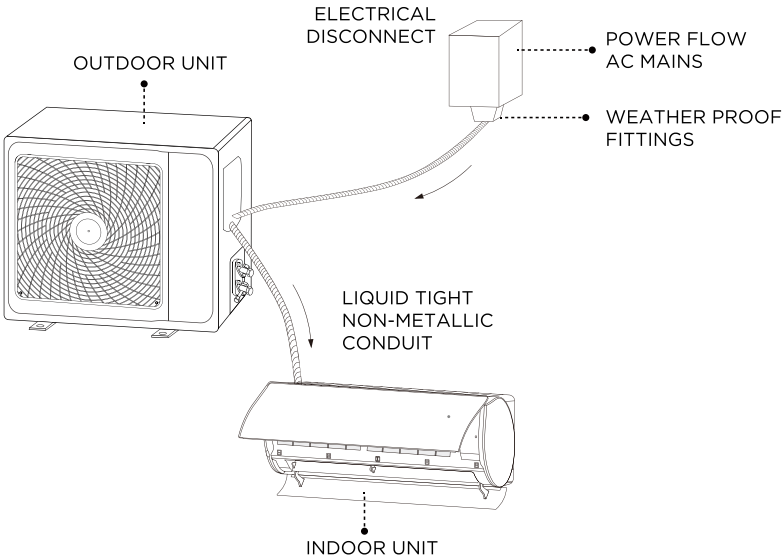
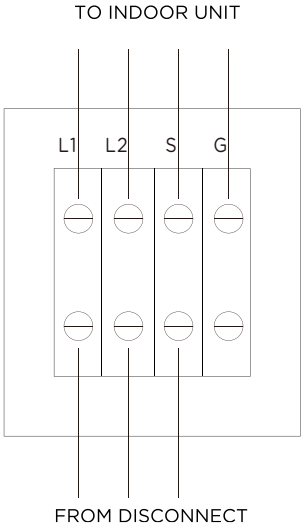


Fig. 2

All interior wiring must be compliant articles 200-300 of NEC.

INSTALLATION INSTRUCTIONS



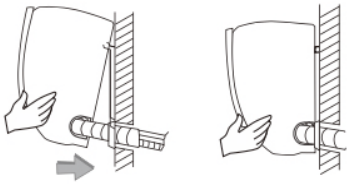


VIEW OF ELECTRICAL
CONNECTIONS
AT UNIT OUTDOOR

INSTALLATION INSTRUCTIONS

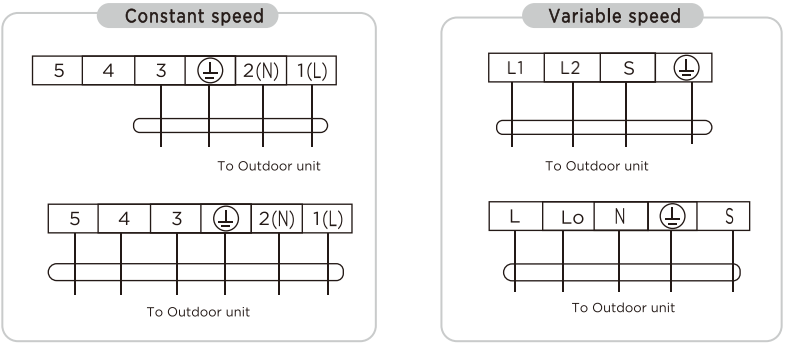
Fixing the Indoor Unit

- Hang the indoor unit on the mounting plate, and move the unit from left to right to ensure that the hook is properly positioned in the peg board.
- Push toward the lower left side and the upper right side of the unit toward the plate, until the hook is embedded in the slot and makes a “click” sound.



Wiring Diagram

- If your air conditioner is provided with an interconnection cord, the wiring of the indoor unit is connected in the factory, there is no need for connection.
- If the interconnection cord is not provided, a connection is needed in accordance with the wiring diagram.



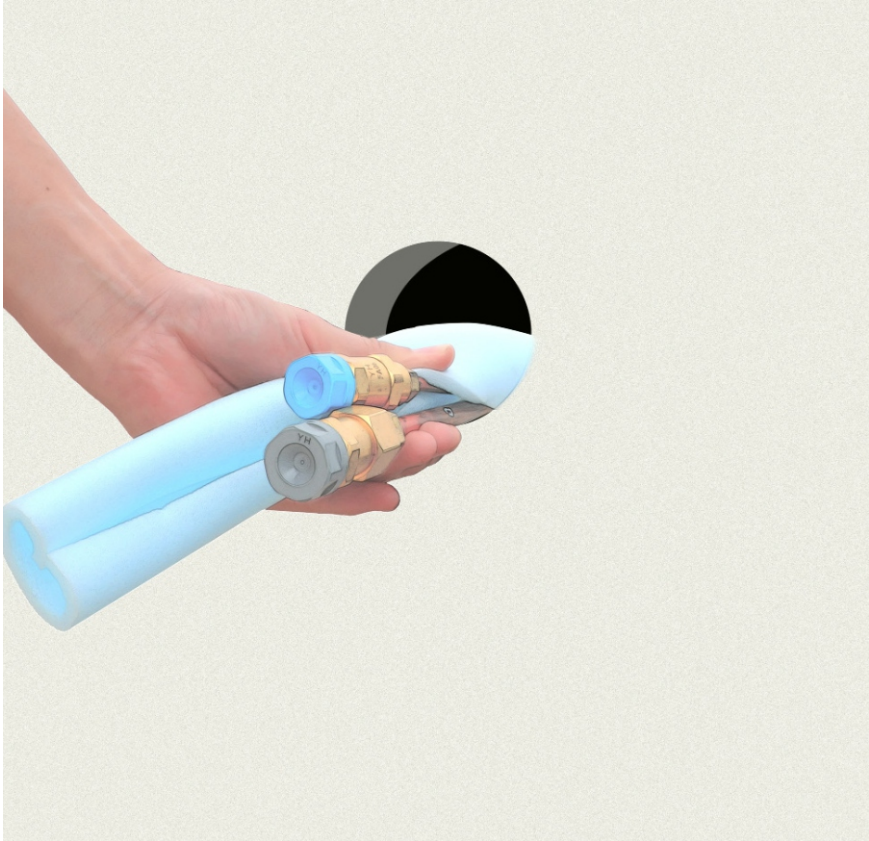
Connector

If there is a connector, connect it directly.

NOTE:

- This manual usually includes the wiring mode for the different kinds of A/C. We cannot exclude the possibility that some special type of wiring diagrams are not included.
- The diagrams are for reference only. If the entity is different than this wiring diagram, please refer to the detailed wiring diagram adhered on the unit which you purchased. (Inside of exterior wiring cover)
- See wiring diagram on inside of e-parts cover for your specific model.

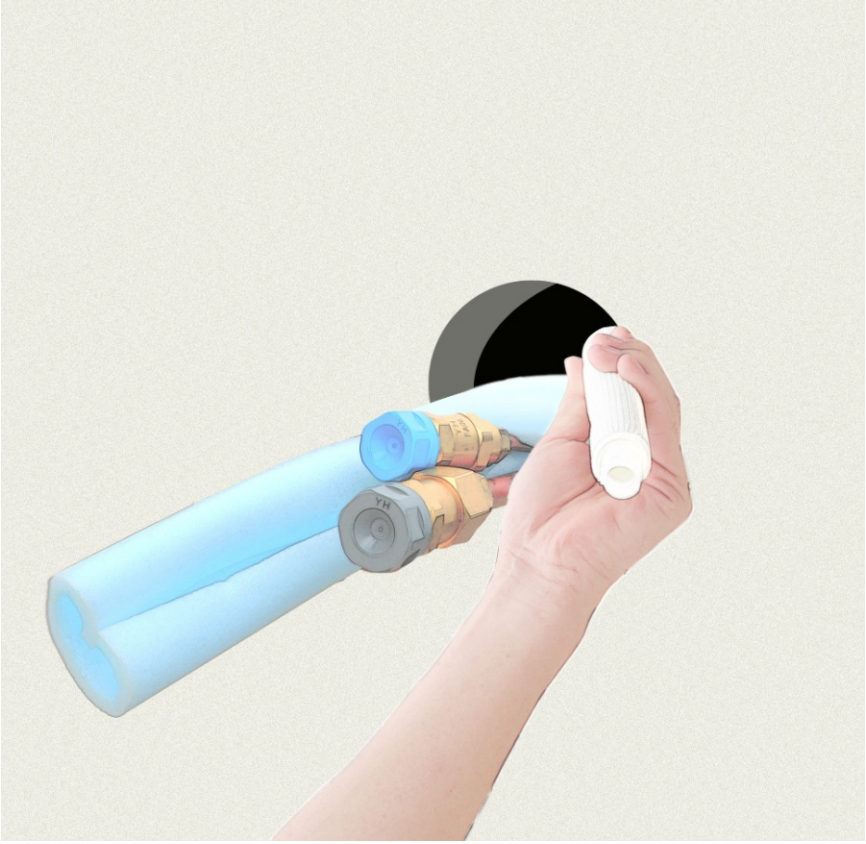
INSTALLATION INSTRUCTIONS



5. Run the pipes and cable through the hole in the wall.

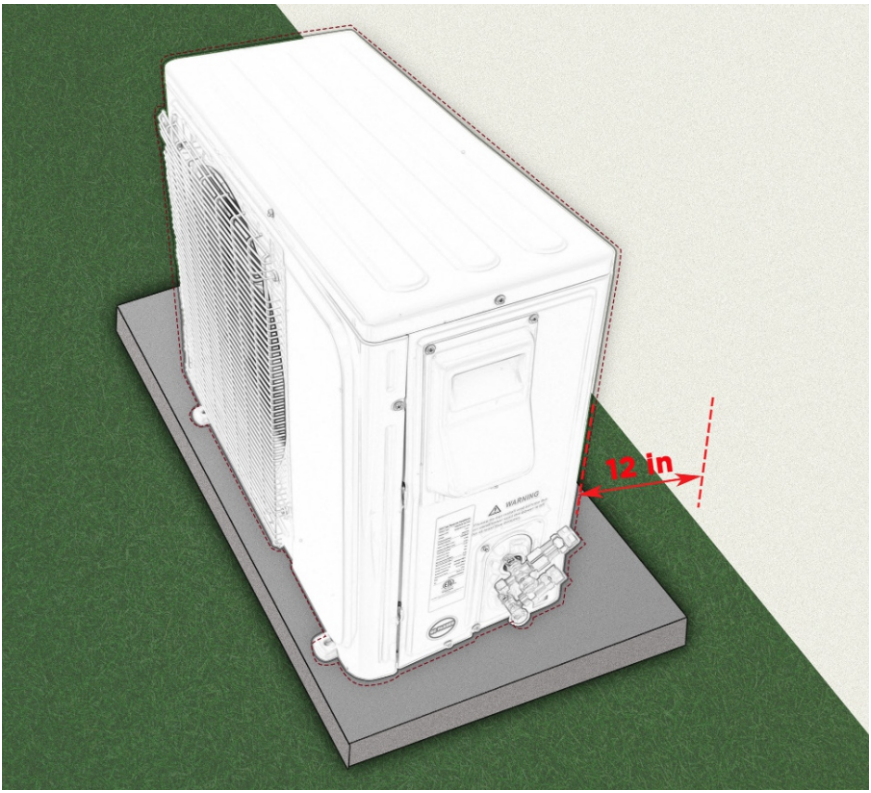
- Then secure them to the designated spots on the indoor unit as directed by the instruction manual.

INSTALLATION INSTRUCTIONS



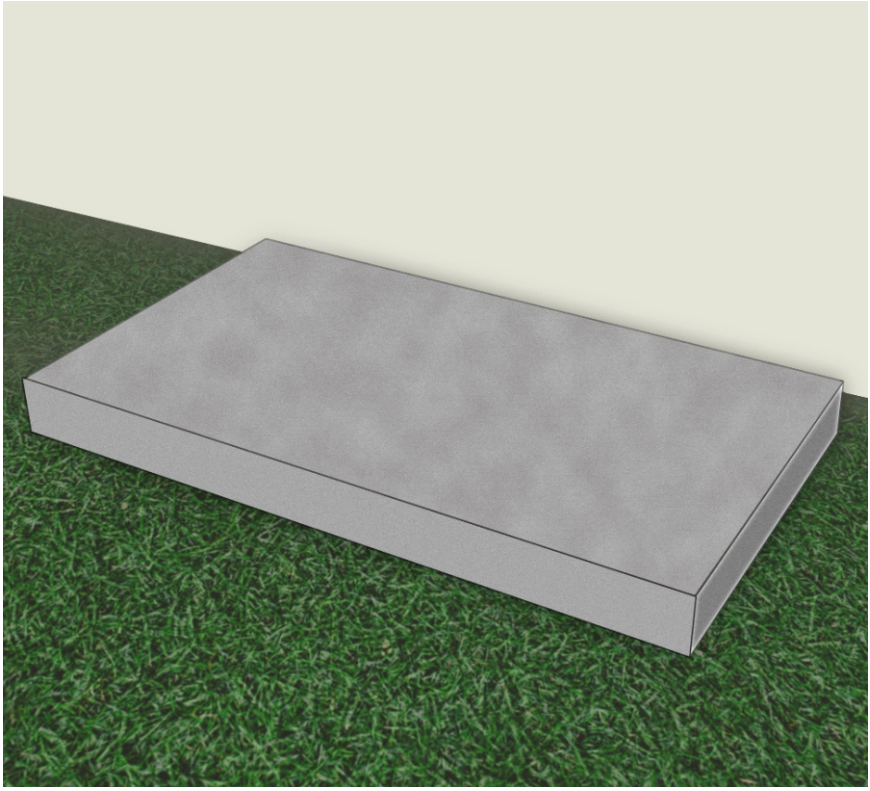
- Place the drain pipe on the bottom to ensure a free flow of water.
- Each line comes pre-insulated, so you don't have to worry about adding extra insulation,then connect them to the unit.
- Secure the included copper pipes, power cable, and drain pipe together with electrical tape.
- Do your best to minimize how much the pipes and cable bend to ensure that the unit performs well.
- Make sure that the drainage pipe allows water to drain in an appropriate place. See the instruction manual included with your kit for more information.

OUTDOOR UNIT INSTALLATION



1. Position the outdoor unit away from any heavily trafficked, dusty, or hot areas.

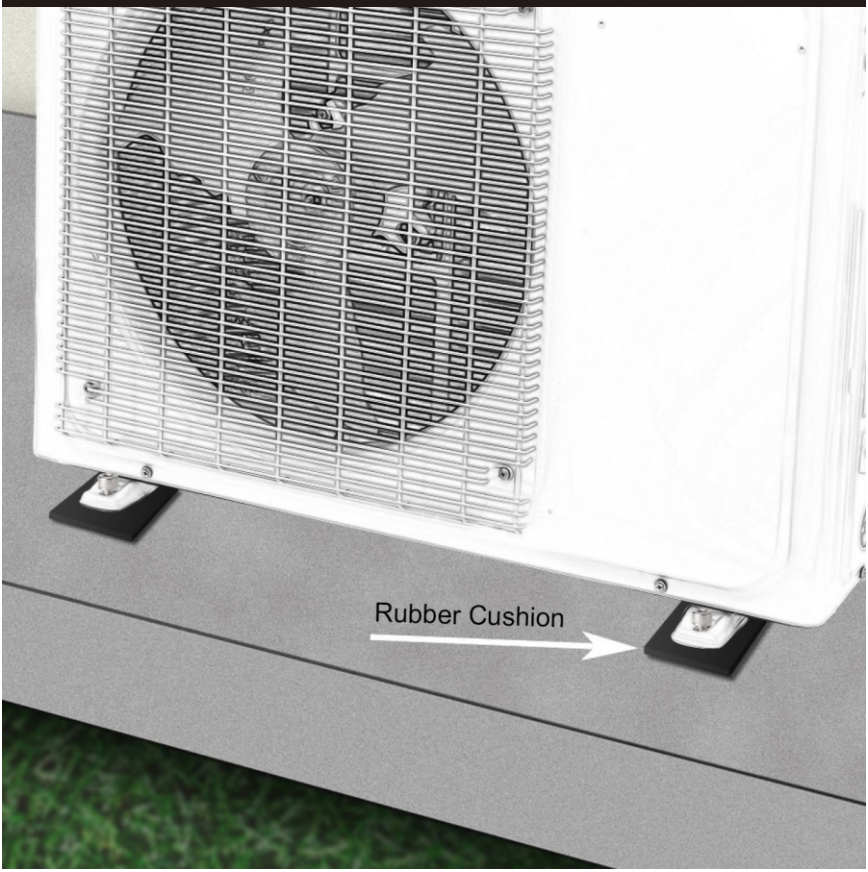
- Find the hole you drilled through the mounting plate for the interior unit and position the exterior unit within 50 feet (15 m) so the piping and cable can easily be attached. Choose a location with at least 12 inches (30 cm) of space surrounding its perimeter to ensure proper functioning. If possible, select a shady location that's sheltered from the wind in addition to dust and traffic to keep your unit functioning at its best.
- Make sure that no antenna of a radio or television is within 10 feet (3.0 m) of the outdoor condenser.



2. Lay a concrete pad on the ground.

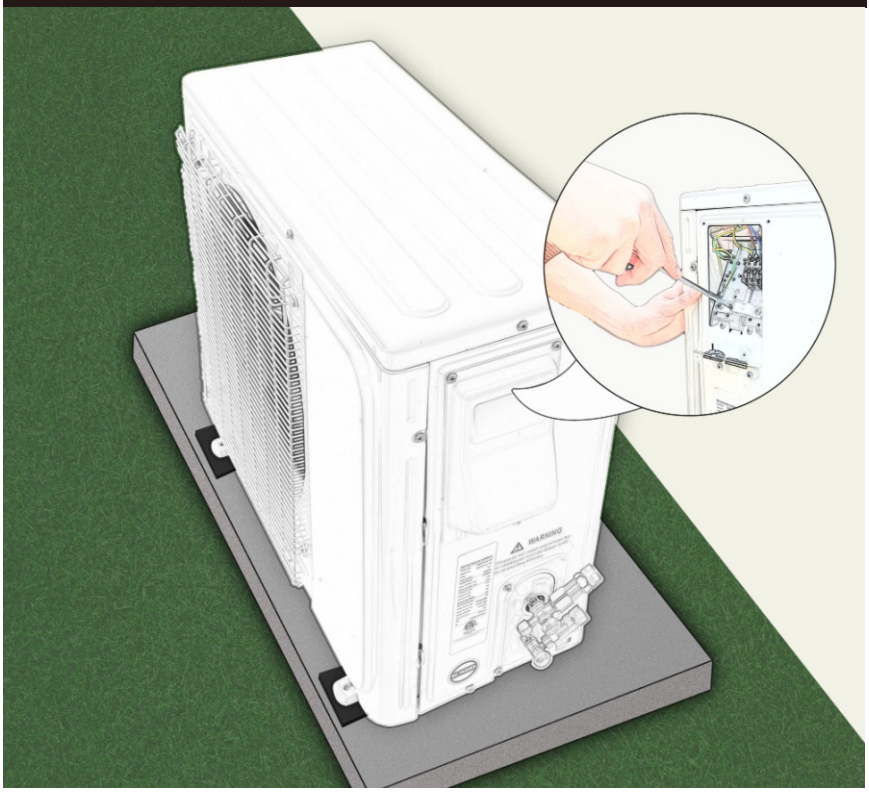
- Don't place the outdoor unit directly on the ground, as it's heavy and can shift around on dirt or rocks.

Tip: Situate the concrete pad so that it's high enough to keep the unit out of any water that may puddle on the ground due to rain or snow.



3. Secure the outdoor unit on top of the concrete pad.

- Lay a rubber cushion (Not included) on top of the pad to minimize vibration, then set the outdoor condenser unit on top of the pad. Secure the unit to the concrete with anchor bolts.



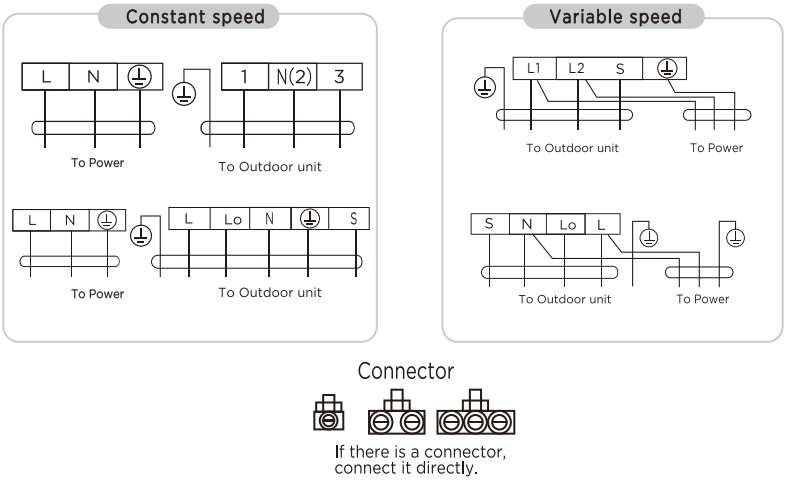
4. Check the electrical wiring in the outdoor unit.

Wiring Connection

- Loosen the screws and remove E-parts cover from the unit.
- Connect the cables respectively to the corresponding terminals of the terminal board of the outdoor unit (see the wiring diagram), and if there are signals connected to the plug, just conduct butt joint.
- Loosen the screws and remove E-parts cover from the unit.
- Connect the cables respectively to the corresponding terminals of the terminal board of the outdoor unit (see the wiring diagram).
- Ground wire: Remove the grounding screw out of the electric bracket, cover the grounding wire end onto the grounding screw and screw it into the grounding hole.
- Fix the cable reliably with fasteners (Pressing board).
- Put the E-parts cover back in its original place and fasten it with screws.

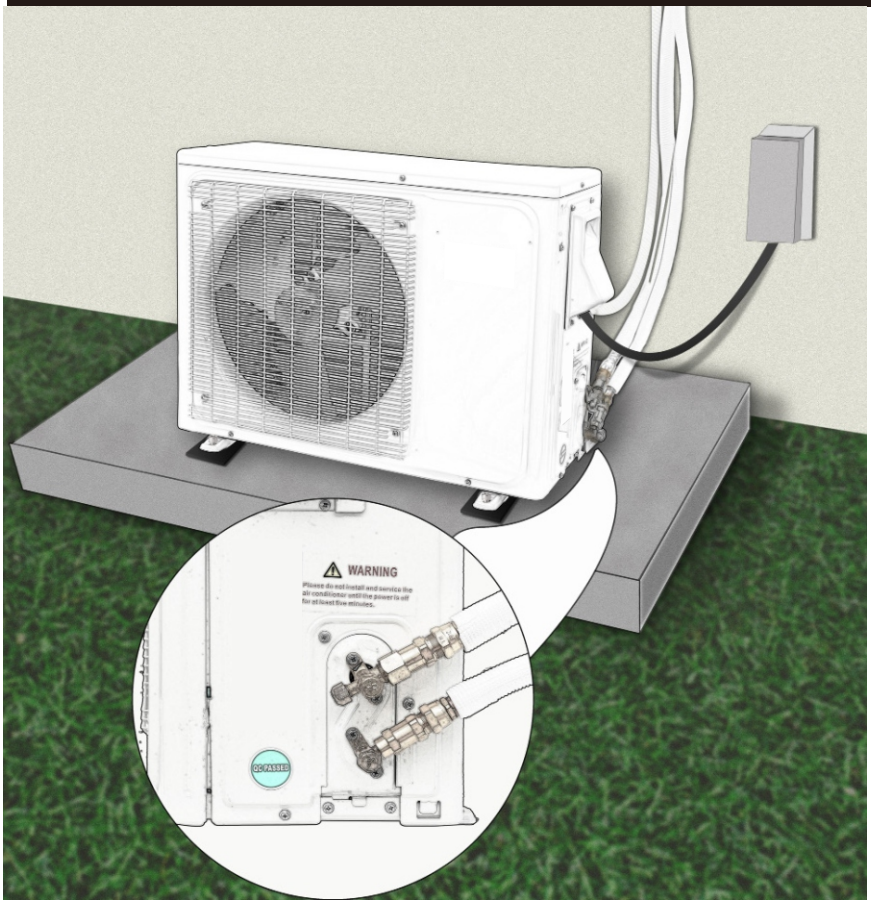
INSTALLATION INSTRUCTIONS

Wiring Diagram



NOTE:

- This manual usually includes the wiring mode for the different kinds of A/C. We cannot exclude the possibility that some special type of wiring diagrams are not included.
- The diagrams are for reference only. If the entity is different than this wiring diagram, please refer to the detailed wiring diagram adhered on the unit which you purchased.
- See wiring diagram on inside of e-parts cover for your specific model.

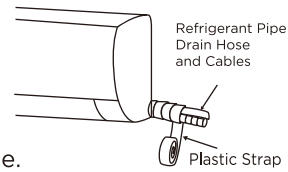


5.Connect the piping and cable to the outdoor unit.

- Use flare nuts to secure the 2 copper pipes from the indoor unit to the outdoor unit as per the instruction manual. Connect the power cable that runs from the indoor unit to the outdoor unit as well.
- Finally, connect the power supply to a designated outlet.
- If necessary, you can trim the copper pipes to eliminate excess.

Wrap the Piping

1. Use the insulation sleeve to wrap the joint part the indoor unit and the refrigerant pipe, and then use the insulating material to pack and seal insulation pipe, to prevent generation of condensate water on the joint part.
2. Connect the water outlet with drain pipes, and make the refrigerant pipe, cables, and the drain hose straight.
3. Use plastic cable ties to wrap the refrigerant pipes, cables and drain hose. Run the pipe sloping downward shown in the following table.



CAUTION

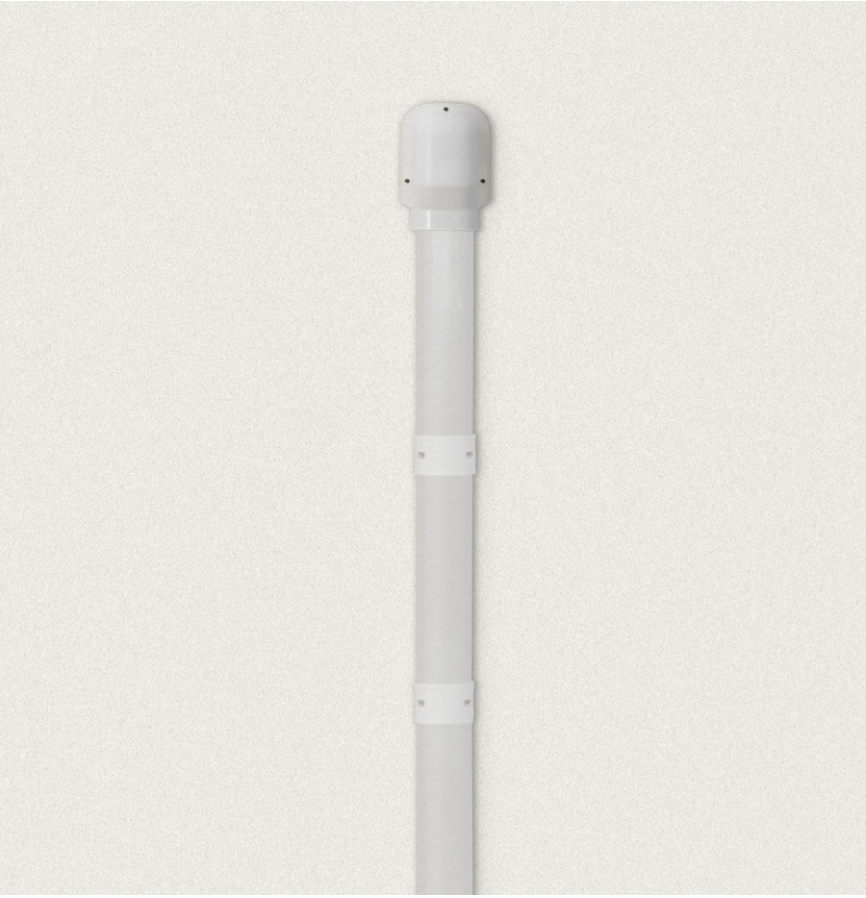
The conical ring on the valve has an important sealing function together with the sealing seat in the caps. Ensure that you do not damage the cone and that you keep the cap free of dirt and dust.

- After completing steps 1-6, check that all the connections are sealed correctly using leak detection spray or soap suds. If any bubbles form, the system has a leak and the screw connectors must be retightened using an open-ended spanner.
- Start the equipment so that the operating pressures build up inside it. Check all the connectors again for signs of leaks: (a) during cooling mode. (b) in heating mode. If any bubbles form, the system has a leak and the screw connectors must be re-tightened using an open-ended spanner.

IMPORTANT: The unit with the quick connectors does not require vacuum pumping.

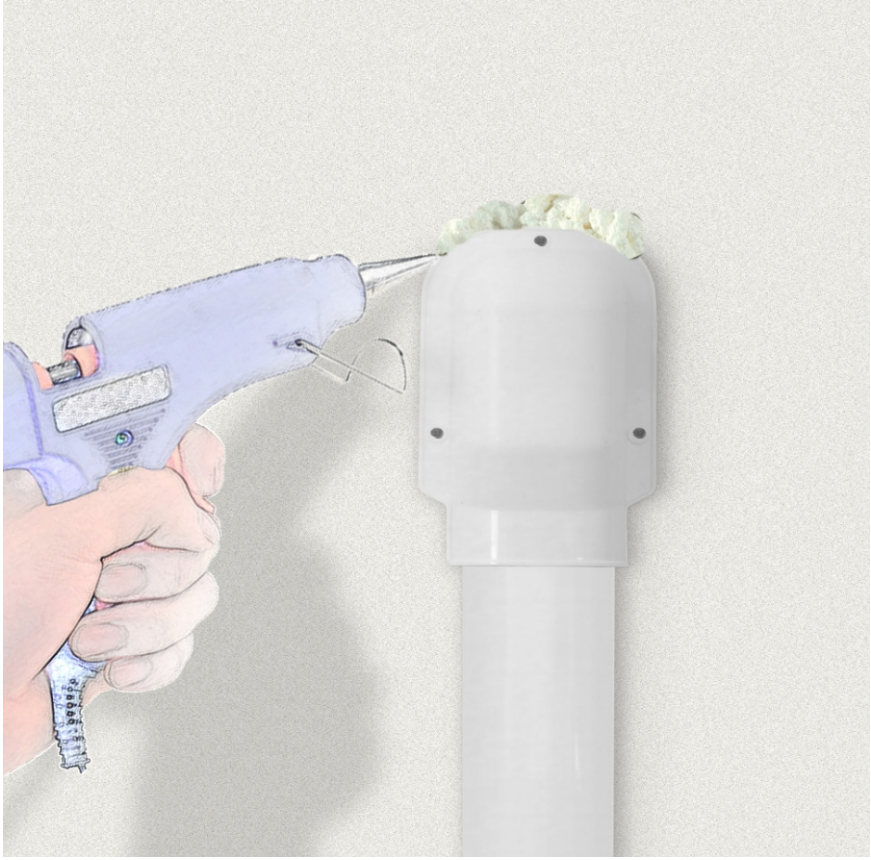
Market Sampling Test Guidelines

Pressure-maintaining refrigerant is available in the indoor equipment and the refrigerant pipe (Different models have different refrigerant quantities). The installer must use the original refrigerant pipe.



6. Affix the piping to the wall with clamps (Not included)

- To ensure the pipes and cables don't move around or become disconnected, attach them to the exterior wall of your home using the clamps that came with the kit. Follow the directions in the manual to ensure the clamps are spaced adequately.



7. Seal up the hole in the wall using expanding polyurethane foam.

- Spray expanding polyurethane foam into the hole you drilled to feed the cable and piping through the wall. Make sure the hole is completely sealed to prevent hot air or insects from getting through.

- Let the foam dry as per the instructions on the label before turning on your air conditioning.

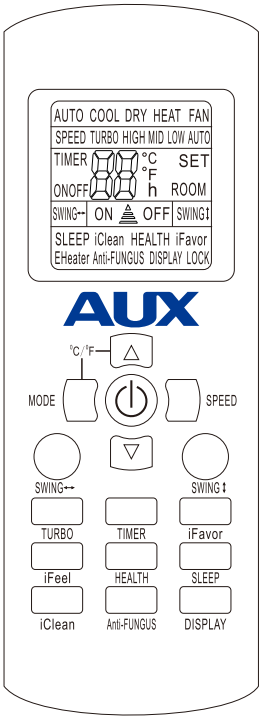
INSTALLATION INSTRUCTIONS

8. Turn on the unit and enjoy the cool air!

- All that's left to do is to start the A/C, which you can do from the indoor unit. It should only take a minute or 2 for cool air to start blowing into your home.

- Refer to the instruction manual if you have any trouble operating your new air conditioner.

AIR-CONDITIONER REMOTE CONTROLLER INSTRUCTIONS



- Read this “instructions” carefully so that you can use the air-conditioner safely and correctly.
- Take good care of the “instructions” so that it can be referred to at any time.

CONTENTS

Buttons description---------- 38

Usage---------- 43

Fix batteries ----------43

Automatic operation mode---------- 43

Cooling/Heating operation mode---------- 44

Fan operation mode----------44

Drying operation mode----------44

Attention ----------45

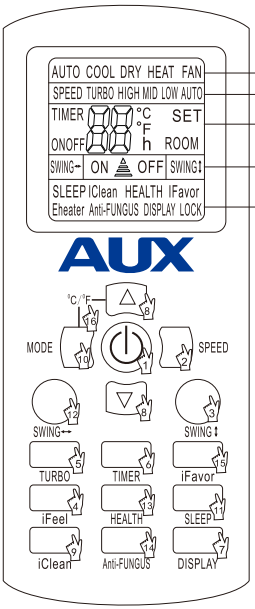
Buttons description

Note:

1.There are two kinds of remote controller, Fig A and Fig B, the actual shape shall prevail.

2.All the figures above are the displays after being initially electrified or re-electrified after power off. In actual operations, the remote controller screen displays related items only.

Fig.A



RUNNING MODE DISPLAY

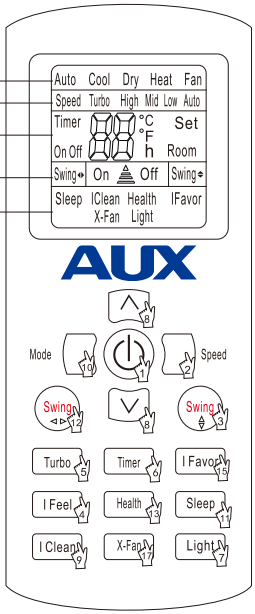
SPEED DISPLAY

TEMPERATURE, TIME DISPLAY ETC

SWING OR ON/OFF DISPLAY

FEATURES DISPLAY

Fig.B



The **cooling only** units don't have the function of heating or electric heating. When the remote controller turns to such function buttons, the units will not result such effect.
*Please don't turn the remote controller to such buttons.

Note: The picture is general remote controller, contains almost all of the function buttons. They may be slightly different from material abject(depend on model).

1. "ON/OFF" button

You can start or stop the air-conditioner by pressing this button.

2. "SPEED" button

You can select fan speed as the following:

→ Low → Mid → High → Auto

3. “SWING ↕ (or Swing ⇕)” button

Press this button, the vertical wind direction vanes can rotate automatically, when you have the desired vertical wind direction, press it again, the vertical wind direction vanes will be stopped at the situation of your choice.

4. “iFeel” button

When it displays “iFeel” button:
Press this button can be used to set the feeling function. The LCD shows the actual room temperature when the function set and it shows the setting temperature when the function cancelled. This function is invalid when the appliance at the Fan mode.

5. “TURBO” button

Only under the state of cooling or heating mode, press this button, the fan speed is adjusted to strong auto-maticlly and the LCD displays “TURBO”, the “TURBO” function is started to reach the highest cooling or heating.

6. “TIMER” button

Setting the “ON” timer time:

a. When remote controller is at off state, press “TIMER” button, the LCD displays “TIMER ON” and the timer time, the range of setting time is 0.5h to 24h.
b. You can press the “△(∧)” or “▽(∨) ” button to adjust the timer time, each touch will be set time to increase or reduce 0.5h before 10 hours ago, after ten hours will be set time to increase or reduce 1h per pressing, to enables your required timer.
c. Press “TIMER” button again, to set the timer on function.
d. You can set another function to insure the suitable state after air conditioner turn on (including mode, temperature, swing, fan speed and etc). The LCD will displays all your setting and keep it, when the timer reach to the set time, the air conditioner will be working according to your set automatically.

Setting the “OFF” timer time:

a. When remote controller is at on state, press “TIMER” button, the LCD displays “TIMER OFF” and the timer time, the range of setting time is 0.5h to 24h.
b. You can press the “△ (∧)” or “▽ (∨)” button to adjust the timer time, each touch will be set time to increase or reduce 0.5h before 10 hours ago, after ten hours will be set time to increase or reduce 1h per pressing, to enable your required timer.
c. Press “TIMER” button again, to set the timer off function.

7. “DISPLAY (or Light)” button

You can let the LCD display working or not by pressing this button.

8. “△(∧)” or “▽(∨)” button

Press the “△(∧)” or “▽(∨)” button,you can set the temperature range from 16℃ to 32℃,Display will change when you touch the button.

9. “iClean” button

a. When remote controller is at the off state(YKR-P/020E only:when remote controller is at the on or off state), press “iClean” button, the wind guiding bars turn to initial postions for cooling, the A/C runs “iClean” function with max duration 35mins.The purpose of this function is to clean dust on evaporator and dry the inside water of evaporator and to prevent the evaporator going moldy due to water deposition and boasting strange smell.
b. After setting “iClean” function, press “iClean” button again to cancel “iClean” function or press “ON/OFF” button to cancel “iClean” function and start A/C.
c. The clean function will be stop working after 35 minutes running working without any operation.

Note: “iClean” function can be set in parallel with “time start” function; in this case , “time start” function will be executed after “iClean” function.

10. “MODE” button

Which enables you to select different operation mode, after each pressing, the operation mode will be changed. It shows in the following display.

AUTO→COOL→DRY→HEAT→FAN→AUTO

Remark: cold wind type has no heating function.

11. “SLEEP” button

1.Press the “SLEEP ”button to enter SLEEP mode.
2.Then, in COOL or HEAT mode, the set temperature will be automatically controlled based on sleeping time.
3.The unit will automatically exit SLEEP function when the sleeping time is up.

Remark: press the MODE or ON/OFF button, the remote controller clears sleeping mode away.

12. “SWING↔ (or Swing◁▷)” button

Press this button, the horizontal wind direction vanes can swing automatically, when you have the desired horizontal wind direction, press it again, the horizontal wind direction vanes will be stopped at the situation of your choice.

13. “HEALTH” button

Press this button, you can turn on or off the health function.

14. “Anti-FUNGUS” button

This A/C has special dry and anti-mold function which has “yes” or “no” two selections. This function is controlled by the remote controller under cooling, dry and auto (cooling and dry) modes, the horizontal wind guiding bars are at the initial position for cooling. The A/C runs for three minutes with weak wind before stop. The purpose of this function is to dry the inside of the evaporator and to prevent the evaporator from going mouldy due to water deposition and thus dispersing strange smell.

Note:

1.This function has not been set in the factory. You may freely set and cancel this function. The setting method is: under “off” status of the A/C and the remote controller, point the remote controller toward the A/C and continuously press “Anti-FUNGUS ” pushbutton for one time, the buzzer keep beeping five times again after five times beep, indicating that this function is ready. In case this function has been set, unless the whole A/C is powered off or the function is manually cancelled, the A/C then has this function as default;

2.To cancel the function: (1). Power off the whole A/C; (2). Under “off” status of the A/C and the remote controller, point the remote controller toward the A/C and continuously press “Anti-FUNGUS” pushbutton for one time, the buzzer keep beeping three times again after five times beep, indicating that this function has been cancelled;

3.When this function is on, it is suggested not to restart the A/C before it is completely stop;

4.This function will not run in case of time stop or sleep stop.

15. “iFavor” button

The button is a shortcut button, users could reserve the data of mode, wind speed, set temperature, swing and when pressing on it, it could operate in the mode users set before. Method:1.Turn on the air conditioner, make adjustment to the ideal mode you wanted.2.Keep pressing the shortcut button for three seconds, till the display screen give the signal that represents the shortcut button and glitter for three times, then reserve the operation mode in the remote controller, it's done. To take place of the previous operation mode, just do it as shown above.

16. “°C／°F” button

The temperature is displayed by default in Celsius. To set the temperature display to Fahrenheit, press “△” and “MODE” buttons at the same time for at least 3 seconds whether the remote controller is on or off.
Press “△” and “MODE” buttons at the same time again for at least 3 seconds to restore the temperature display to Celsius.

Note: Temperature display in Fahrenheit is not available for some models. When temperature is displayed in Fahrenheit on the remote controller, it might be in Celsius on the unit, the function and operation of which will not be affected.
These combined buttons are for remote controllers with °C/°F switching function only, if there is no “ °C/°F ” symbol on your remote controller, then °C/°F switching function is not available.

17. “X-Fan” button

The A/C runs for three minutes with weak wind before stop. The purpose of this function is to dry the inside of the evaporator and to prevent the evaporator from going mouldy due to water deposition and thus dispersing strange smell.

Note:There are two models of remote control with the same buttons but different functions.

YKR-P/020E:

1. **This function can be set when the unit is turned on in cooling or dry mode: press the “X-Fan” button, the LCD display “X-Fan”, the anti-mould function on. Press the “X-Fan” button again, the anti-mould function off.**
2. **Only “Cancel” be set when the unit is turned off in cooling or dry mode: if the anti-mould function is set when the unit is turned on, press the “X-Fan” button after shutdown, the anti-mould function is turned off, and the “X-Fan” disappears. Press the “X-Fan” button again, it won’t work.**

YKR-P/010E:

1.This function has not been set in the factory. You may freely set and cancel this function. The setting method is: under “off” status of the A/C and the remote controller, point the remote controller toward the A/C and continuously press “X-Fan ” pushbutton for one time, the buzzer keep beeping five times again after five times beep, indicating that this function is ready. In case this function has been set, unless the whole A/C is powered off or the function is manually cancelled, the A/C then has this function as default;

2.To cancel the function: (1). Power off the whole A/C; (2). Under “off” status of the A/C and the remote controller, point the remote controller toward the A/C and continuously press “X-Fan” pushbutton for one time, the buzzer keep beeping three times again after five times beep, indicating that this function has been cancelled;

3.When this function is on, it is suggested not to restart the A/C before it is completely stop;

4.This function will not run in case of time stop or sleep stop.

Usage

★ Fix batteries

1.Slide open the cover according the direction indicated by arrowhead.
2.Put into two brand new batteries (7#), position the batteries to right electric poles (+&-).
3.Put back the cover.

★ Automatic operation mode

1.Press the ON/OFF button, the air-conditioner starts to operate.
2.Press the MODE button, select the automatic operation mode.
3.Press the SPEED button, you can select fan speed.
You can select fan speed from LOW, MID, HIGH, AUTO.
4.Press the button again, the air-conditioner stops.

★ Cooling/Heating operation mode (cold wind type has no heating function)

1.Press the ON/OFF button, the air-conditioner starts to operate.
2.Press the MODE button, select the Cooling or Heating operation mode.
3.Press the "△(∧)" or "▽(∨)" button, set the temperature, temperature can be set at 1℃ difference range from 16-32℃.
4.Press the SPEED button, you can select fan speed. You can select fan speed from LOW, MID, HIGH, AUTO.
5.Press the button again, the air-conditioner stops.

★ Fan operation mode

1.Press the ON/OFF button, the air-conditioner starts to operate.
2.Press the MODE button, select the Cooling or Heating operation mode.
3.Press the SPEED button, you can select fan speed. You can select fan speed from LOW, MID, HIGH.
4.Press the button again, the air-conditioner stops.

Remark: In the circulation operation mode, to set the temperature is noneffective.

★ Drying operation mode

1.Press the ON/OFF button, the air-conditioner starts to operate.
2.Press the MODE button, select the Dry operation mode.
3.Press the "△(∧)" or "▽(∨)" button, set the temperature, temperature can be set at 1℃ difference range from 16-32℃.
4.Press the SPEED button, you can select fan speed. You can select fan speed from LOW, MID, HIGH, AUTO.
5.Press the button again, the air-conditioner stops.

Note:
This manual introduces function for all of the remote control, maybe you press one button without any reaction, well, the air-conditioner you bought hasn't this function.

Attention

1. Aim the remote controller towards the receiver on the air-conditioner.
2. The remote controller should be within 8 meters away from the receiver.
3. No obstacles between the remote controller and receiver.
4. Do not drop or throw the remote controller.
5. Do not put the remote controller under the forceful sunrays or heating facilities and other heating sources.
6. Use two 7# batteries, do not use the electric batteries.
7. Take the batteries out of remote controller before stop its using for long.
8. When the noise of transmitting signal can't be heard indoor unit or the transmission symbol on the display screen doesn't flare, batteries need be replaced.
9. If reset phenomenon occurs on pressing the button of the remote controller, the electric quantity is deficient and new batteries need to be substituted.
10. The waste battery should be disposed properly.

TEST OPERATION

Check after Installation

Electrical Safety Check

1. If the supply voltage is as required.
2. If there is any faulty or misconnection in each of the power, signal and grounding wires.
3. If the grounding wire of the air conditioner is securely grounded.

Installation Safety Check

1. If the installation is secure.
2. If the water drain is smooth.
3. If the wiring and piping are correctly installed.
4. Check that no foreign matter or tools are left inside the unit.

Leak test of the refrigerant

Depending on the installation method, the following methods may be used to check for suspect leak, on areas such as the four connections of the outdoor unit and the cores of the cut-off valves and t-valves:

1. Bubble method: Apply or spray a uniform layer of soap water over the suspected leak spot and observe carefully for bubbles.
2. Instrument method: Checking for leak by pointing the probe of the leak detector according to the instruction to the suspect points of leak.

Test Operation

Test Operation preparation

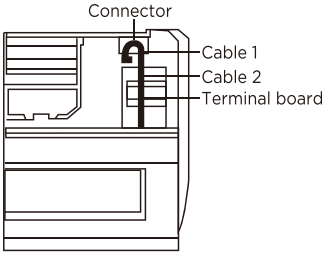
- Verify that all piping and connection cables are well connected.
- Confirm that the valves at the gas side and the liquid-side are fully open.
- Connect the power cord to an independent power socket.
- Install batteries in remote control.

Test Operation method

1. Turn on the power and push the ON/OFF switch button of the remote control to start the air conditioner.
2. Select COOL, HEAT(not available on cool-only models), SWING and other operation modes with the remote control and see if the operation is ok.

⚠WARNING

1. Open front panel of the indoor.
2. The connector can not touch the terminal board, and is positioned as shown.



CLEAN & CARE

⚠ WARNING

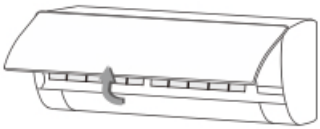
- Before the cleaning of the air conditioner, it must be shut down and the electricity must be cut off for more than 5 minutes, otherwise there might be the risk of electric shocks.
- Do not wet the air conditioner, which can cause an electric shock. Make sure not to rinse the air conditioner with water under any circumstances.
- Volatile liquids such as thinner or gasoline will damage the air conditioner housing, therefore please clean the housing of air conditioner only with soft dry cloth and damp cloth moistened with neutral detergent.
- In the course of usage, pay attention to cleaning the filter regularly, to prevent the covering of dust which may affect the effect. If the service environment of the air conditioner is dusty, correspondingly increase the number of times for cleaning. After removing the filter, do not touch the fin part of the indoor unit with the finger, so as to avoid scratching it.

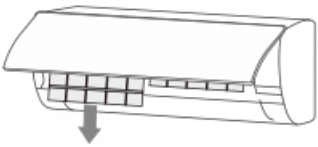
Clean the Panel

- When the panel of the indoor unit is contaminated, clean it gently with a wrung towel using tepid water below 113°F and do not remove the panel while cleaning.

Cleaning the Air Filter

- Remove the air filter.





1. Use both hands to open the panel for an angle from both ends of the panel in accordance with the direction of the arrow.
2. Release the air filter from the slot and remove it.

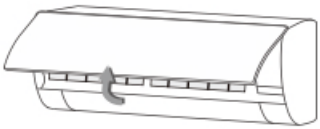
- Clean the Air Filter

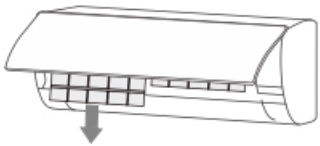
Use a vacuum cleaner or water to rinse filter, and if the filter is very dirty (for example with greasy dirt), clean it with warm water (below 113°F with mild detergent dissolved in, and then put the filter in the shade to dry in the air.

CLEAN & CARE

Clean the Air Filter

1. Reinstall the dried filter in reverse order of removal, then cover and lock the panel.





Check Before Use

1. Check whether all the air inlets and outlets of the units are unblocked.
2. Check whether there is blocking in the water outlet of the drain pipe, and immediately clean it up.
3. Check that the ground wire is reliably grounded.
4. Check whether the remote control batteries are installed and whether the power is sufficient.
5. Check whether there is damage in the mounting bracket of the outdoor unit, and if any, please contact a local service center.

Maintain After Use

1. Turn off the power source of the air conditioner, turn off the circuit breaker and remove the batteries from the remote control.
2. Clean the filter and the unit body.
3. Remove the dust and debris from the outdoor unit.
4. Check whether there is damage in the mounting bracket of the outdoor unit, and if any, please contact a local service center.

TROUBLESHOOTING & WARRANTY

TROUBLE	POSSIBLE CAUSE
Air conditioner can not operate at all.	• Has the power been shut down? • Is the wiring loose? • Is voltage too high or too low ? (measured by professionals) • Does it reach the set time for start up? • Does the circuit protection device trip?
Remote control is not available.	• Is the remote control out of effective distance to the indoor unit? • Are there any obstructions between the controller and the signal receptor? • Is the battery exhausted?
Cooling (Heating) efficiency is not good.	• Is the setting temperature suitable? • Is the air inlet or outlet obstructed? • Is indoor fan speed set at low speed? • Is there any heat source in your room? • Is the air filter dirty?
Indoor unit does not operate Immediately when the air conditioner is restarted.	If the air conditioner is turned on immediately after it is turned off, the protective delay switch will delay the operation for 3 to 5 minutes.
There is unusual smell blowing from the outlet after operation is started.	The air conditioner itself does not have an undesirable odor. If there is an odor, it may be due to accumulation of the odor in the environment. Please clean the air filter or activate the cleaning function.
There is sound of running water during the running of air conditioner.	Sometimes the “hissing” sound of running water can be heard. This is the sound of the flow of the refrigerant, not a malfunction.
A slight “click” sound is heard at the of start-up or shut-down.	Due to temperature changes, panel and other parts will swell, causing the sound of friction. This is normal, not a fault.
During the cooling operation, the indoor unit outlet sometimes will blow out mist.	This is because the indoor air is cooled rapidly. After it runs for some time, the indoor temperature and humidity will be reduced and the mist will disappear.

⚠ **Immediately stop all operations and turn off the power supply, contact a Service center locally in following situations.**

- Shrill sound is heard or an unpleasant odor is emitted during the operation.
- There is an abnormal heat in power supply cord and power plug.
- Accidentally pour impurities or water into the machine or the remote control.
- Air switch or protection switch often breaks.

TROUBLESHOOTING & WARRANTY

BEFORE YOU CALL FOR SERVICE

IF THE AIR CONDITIONER FAILS TO OPERATE:

A) Check to make sure that the air conditioner is plugged in securely. If it is not, remove the plug from the outlet, wait 10 seconds and plug it in again securely.

B) Check for a blown circuit fuse or a tripped main circuit breaker. If these seem to be operating properly, test the outlet with another appliance.

C) Check if electricity to the main power switch of the unit appears to be working.

D) Make sure that both units are in the upright position.

IF NONE OF THE ABOVE SOLVES THE PROBLEM, CONTACT A QUALIFIED TECHNICIAN.

⚠ **WARNING:** DO NOT TRY TO ADJUST OR REPAIR THE AIR CONDITIONER YOURSELF.

CUSTOMER SERVICE

IMPORTANT

DO NOT RETURN THIS PRODUCT TO THE STORE

If you have a problem with this product, please contact the

below

DATED PROOF OF PURCHASE, MODEL # AND SERIAL # REQUIRED FOR WARRANTY SERVICE

Customer & Technical Support Information
(Please contact us BEFORE returning product)

Website:www.auxusa.com
Contact Phone # : 1-909-979-9892(Mon-Fri, 9am-5pm/PST)
Email: support@auxusa.com

Customer & Technical Support Information
(Please contact us BEFORE returning product)

Website:www.auxusa.com
Contact Phone # : 1-909-979-9892(Mon-Fri, 9am-5pm/PST)
Email: support@auxusa.com

January 2021