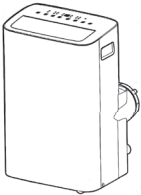


814100551

PORTABLE AIR CONDITIONER



The images shown in this manual are for illustrative purposes only and may be subject to change.

Read This Manual

Inside you'll find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner. You'll find many answers to common problems in the troubleshooting tips - you should be able to fix most of them quickly before calling service. These instructions may not cover every possible condition of use, so common sense and attention to safety is required when installing, operating and maintaining this product.

CAUTION

- For support, Contact a Service Center.
- 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.
- Children should be supervised to ensure that they do not play with the air conditioner.
- The appliance shall be installed in accordance with national wiring regulations.
- Do not operate your air conditioner in a humid room such as a bathroom or laundry room.

Safety Precautions

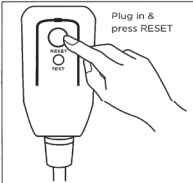
Read the warning message.

Read Safety Precautions Before Operation and Installation
To prevent death or injury to the user or other people and property damage, the following instructions must be followed.
Incorrect operation due to ignoring of instructions may cause death, harm or damage.

Explanation of Symbols

- WARNING**
This symbol indicates the possibility of personnel injury or loss of life.
- CAUTION**
This symbol indicates the possibility of property damage or serious consequences.

Operation of Current Device



The power supply cord contains a measurement current device that senses damage to the power cord. Test your power supply cord as follows:
1. Plug in the air conditioner.
2. The power supply cord will have TWO buttons on the plug head. Press the TEST button. You will notice a click as the RESET button pops out.
3. Press the RESET Button. You will notice a click as the button engages.
4. The power supply cord is now supplying electricity to the unit. (On some products this is also indicated by a light on the plug head.)

NOTICE

The power supply cord with this air conditioner contains a current detection device designed to reduce the risk of fire.
In the event that the power supply cord is damaged, it can not be repaired. It must be replaced with a cord from the manufacturer.

NOTICE

- Do not use this device to turn the unit on or off.
- Always make sure the RESET button is pushed in for correct operation.
- The power supply must be replaced if it fails to reset when either the TEST button is pushed, or it can not be reset. Please contact a service center.

WARNING

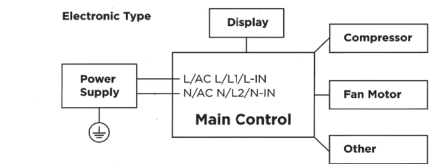
- Installation must be performed according to the installation instructions. Improper installation can cause water leakage, electrical shock, or fire.
- Use only the included accessories and parts, and specified tools for the installation. Using nonstandard parts can cause water leakage, electrical shock, fire, and injury or property damage.
- Make sure that the outlet you are using is grounded and has the appropriate voltage. The power cord is equipped with a three-prong grounding plug to protect against shock. Voltage information can be found on the nameplate of the unit.
- Your unit must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker (the fuse or circuit breaker needed is determined by the maximum current of the unit. The maximum current is indicated on the nameplate located on unit), have a qualified electrician install the proper receptacle.
- Do not touch the unit with wet or damp hands or when barefoot.
- If the air conditioner is knocked over during use, turn off the unit and unplug it from the main power supply immediately. Visually inspect the unit to ensure there is no damage. If you suspect the unit has been damaged, contact a technician or contact a service center.
- In a thunderstorm, the power must be cut off to avoid damage to the machine due to lightning.
- Your air conditioner should be used in such a way that it is protected from moisture, e.g. condensation, splashed water, etc. Do not place or store your air conditioner where it can fall or be pulled into water or any other liquid. Unplug immediately if it occurs.
- Install the unit on a flat, sturdy surface. Failure to do so could result in damage or excessive noise and vibration.
- The unit must be kept free from obstruction to ensure proper function and to mitigate safety hazards.
- Do not modify the length of the power cord or use an extension cord to power the unit.
- Do not share a single outlet with other electrical appliances. Improper power supply can cause fire or electrical shock.
- Do not install your air conditioner in a wet room such as a bathroom or laundry room. Too much exposure to water can cause electrical components to short circuit.
- Do not install the unit in a location that may be exposed to combustible gas, as this could cause fire.
- The unit has wheels to facilitate moving. Make sure not to use the wheels on thick carpet or to roll over objects, as these could cause tipping.
- Do not operate a unit that has been dropped or damaged.
- The appliance with electric heater shall have at least 1 meter space to the combustible materials.
- All wiring must be performed strictly in accordance with the wiring diagram located inside of the unit.
- The unit's circuit board (PCB) is designed with a fuse to provide overcurrent protection. The specifications of the fuse are printed on the circuit board, such as: T.315A/250V, etc.

CAUTION

- 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. Children should be supervised to ensure that they do not play with the appliance. Children must be supervised around the unit at all times.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not use this product for functions other than those described in this instruction manual.
- Before cleaning, turn off the power and unplug the unit.
- Disconnect the power if strange sounds, smell, or smoke comes from it.
- Do not press the buttons on the control panel with anything other than your fingers.
- Do not remove any fixed covers. Never use this appliance if it is not working properly, or if it has been dropped or damaged.
- Do not operate or stop the unit by inserting or pulling out the power cord plug.
- Do not use hazardous chemicals to clean or come into contact with the unit. Do not use the unit in the presence of inflammable substances or vapour such as alcohol, insecticides, petrol, etc.
- Prior to cleaning or other maintenance, the appliance must be disconnected from the supply mains.
- Do not remove any fixed covers. Never use this appliance if it is not working properly, or if it has been dropped or damaged.
- Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- Do not operate unit with a damaged cord plug, power fuse or circuit breaker. Discard unit or contact a service center.
- To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control devices.
- The appliance shall be installed in accordance with national wiring regulations.
- Contact the authorized service technician for repair or maintenance of this unit.
- Do not cover or obstruct the inlet or outlet grilles.
- Always transport your air conditioner in a vertical position and stand on a stable, level surface during use.
- Always contact a qualified person to carry out repairs. If the damaged power supply cord must be replaced with a new power supply cord obtained from the product manufacturer and not repaired.
- Hold the plug by the head of the power plug when taking it out.
- Turn off the product when not in use.

Electronic Work

WARNING:
BEFORE PERFORMING ANY ELECTRICAL OR WIRING WORK, TURN OFF THE MAIN POWER TO THE SYSTEM.



CAUTION:
Risk of fire
flammable materials

IMPORTANT NOTE: Read this manual carefully before installing or operating your new appliance unit. Make sure to save this manual for future reference.

Explanation of symbols displayed on the unit

CAUTION This symbol shows that the operation manual should be read carefully.

CAUTION This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.

CAUTION This symbol shows that information is available such as the operating manual or installation manual.

WARNING:

- Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- DO NOT modify the length of the power cord or use an extension cord to power the unit.
- DO NOT share a single outlet with other electrical appliances. Improper power supply can cause fire or electrical shock.
- Please follow the instruction carefully to handle, install, clear, service the appliance to avoid any damage or hazard.

Flammable Refrigerant R32 is used within appliance.

CAUTION

- The air conditioner is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- If the power cord needs to be replaced, please contact our consumer service and look for an authorized technician.
- Electrical installation must be performed in accordance to national regulation standards by qualified personnel only.

Please read through these instructions before you start the installation process. Improper installation can cause damage to the unit, your personal property, and also poses a personal safety hazard.

WARNINGS (for using R32 refrigerant only)

- Do not use any means to accelerate the defrosting process or to clean the unit, other than those recommended by the manufacturer.
- Do not use or store the appliance in spaces with potential ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn refrigerant tubing. Be aware that refrigerants may not contain an odor.
- Keep ventilation openings clear of obstruction.
- Store the appliance in a way that will prevent mechanical damage from occurring.
- Store the appliance in a well-ventilated area where the room size corresponds to the room area as specified for operation.
- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.
- Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- Flammable refrigerant (R32) is used within the air conditioner. please follow the instruction carefully to avoid any hazard. For specific information on the type of gas and the amount, please refer to the relevant label on the unit itself.
- When maintaining or disposing of the air conditioner, the refrigerant (R32) shall be recovered properly, do not discharge to air directly.

To prevent injury to the user or other people and property damage, the instructions shown here must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage. The level of risk is shown by the following indications.
Please read through these instructions before you start the installation process. Improper installation can cause damage to the unit, your personal property, and also poses a personal safety hazard.
Installation must be performed according to the installation instructions. Improper installation can cause water leakage, electrical shock, or fire.

-Use only the included accessories and parts, and specified tools for the installation. Using non-standard parts can cause water leakage, electrical shock, fire, and injury or property damage.

-Make sure that the outlet you are using is grounded and has the appropriate voltage. The power cord is equipped with a three-prong grounding plug to protect against shock. Voltage information can be found on the side of the unit, behind the grille.

-Install the unit on a flat, sturdy surface. Failure to do so could result in damage or excessive noise and vibration.

-The unit must be kept free from obstruction to ensure proper functioning and to mitigate safety hazards.

-DO NOT modify the length of the power cord or use an extension cord to power the unit. DO NOT share a single outlet with other electrical appliances. Improper power supply can cause fire or electrical shock.

-DO NOT install your air conditioner in a wet room such as a bathroom or laundry room. Exposure to water can cause electrical components to short circuit.

-DO NOT install the unit in a location that may be exposed to combustible gas, as this could cause fire.

-The unit has wheels to facilitate moving. Do not attempt to roll the unit across thick carpet or to roll over objects, as these could cause the unit to tip over.

-DO NOT attempt to operate a unit that has been dropped or damaged.

-DO NOT allow children to play with the air conditioner. Children must be supervised around the unit at all times.

-If the air conditioner is knocked over during use, turn off the unit and unplug it from the main power supply immediately. Visually inspect the unit to ensure there is no damage. If you suspect the unit has been damaged, contact a technician or customer service for assistance.

-In a thunderstorm, the unit should be turned off to avoid damage to the machine due to lightning.

-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.

-If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

-Prior to cleaning or other maintenance, the appliance must be disconnected from the supply mains.

-Do not install the appliance in a location that may be exposed to combustible gas. If combustible gas accumulates around the unit, it may cause fire.

-Do not run the power cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.

-To reduce the risk of fire or electric shock, do not use this air conditioner with any solid-state speed control device.

-The appliance shall be installed in accordance with national wiring regulations.

-Contact the authorized service technician for repair or maintenance of this unit.

-When there are significant differences between features or operation implied by the remote control illustration and the actual functions described in the USER MANUAL, the descriptions in the USER MANUAL shall prevail.

-Do not mix old and new batteries.

-Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc.) batteries.



Caution: Risk of fire/flammable materials
(Required for R32/R290 units only)

Before you get start

Preparations before installation

The installation must be carried out in strict accordance with the instructions in this manual.

Installing your AC should take about 30 minutes.

We recommend doing this with a helper.

We're here if you need us, please contact a service center.

AMBIENT TEMPERATURE RANGE FOR UNIT OPERATING

MODE	Temperature Range	MODE	Temperature Range
Cool	16-35°C (60-95°F)	Heat(pump heat mode)	5-30°C (41-86°F)
Dry	13-35°C (55-95°F)	Heat(electrical heat mode)	< 30°C (86°F)

Know your Portable Air Conditioner

Energy Rating Information

The energy rating and noise information for this unit is based on the standard installation using an un-extended exhaust duct without window slider adaptor (as shown in the installation section of this manual). At the same time, the unit must be operate on the COOL MODE and HIGH FAN SPEED by remote controller.

The unit with 3 meters extended exhaust duct is running by using 2 exhaust ducts(Diameter:350mm, Length:1.5m + Diameter:130mm,Length:1.5m). The Energy rating and noise information for unit with 3 meters extended exhaust duct is not assessed. (For some models).

NOTE:

We recommend that operating the unit at room temperature below 35°C. Since there is a risk that the unit with 3 meters extended exhaust duct would not work at room temperature above 35°C under some extreme conditions, such as the lower air intake be blocked for 50%.

How to Stay Cool with a New Portable Air Conditioner (For the models comply with the requirements of Department Of Energy in US).

Because of a new federal test procedure for Portable Air Conditioners, you may notice that the cooling capacity claims on portable air conditioner packaging are significantly lower than that of models produced prior to 2017. This is due to changes in the test procedure, not to the portable air conditioners themselves.

How to purchasing a Portable air conditioner.

The right air conditioner helps you cool a room efficiently. An undersized unit won't cool adequately while one that's too large will not remove enough humidity, leaving the air feeling damp. To find the proper air conditioner, determine the square footage of the room you want to cool by multiplying the room length by its width. You also need to know the air conditioner's BTU (British Thermal Unit) rating, which indicates the amount of heat it can remove from a room. A higher number means more cooling power for a larger room. (Be sure you are comparing only newer models to each other older models may appear to have a higher capacity, but are actually the same). Be sure to "size up" if your portable air conditioner will be placed in a very sunny room, in a kitchen, or in a room with high ceilings. After you've found the right cooling capacity or your room, you can look at other features.

Why newer products have lower cooling capacity than older models.

Federal regulations require manufacturers to calculate cooling capacity based on a specific test procedure, which was changed just this year. Models manufactured before 2017 were tested under a different procedure and cooling capacity is measured differently than in prior years models. So, while the BTUs may be lower, the actual cooling capacity of the air conditioners has not changed.

What is SACC ?

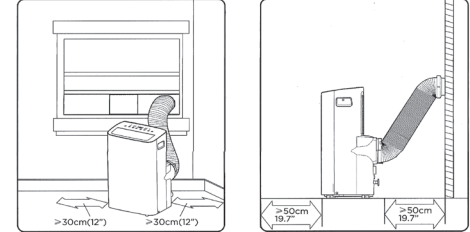
SACC is the representative value of Seasonally Adjusted Cooling Capacity, in Btu/h, as determined in accordance with the DOE test procedure at title 10 Code of Federal Regulations (CFR) 430, subpart B, appendix CC and applicable sampling plans.

PRODUCT INSTALLATION LOCATION

Your installation location should meet the following requirements:

- Make sure that you install your unit on an even surface to minimize noise and vibration.
- The unit must be installed near a grounded plug, and the Collection Tray Drain (found on the back of the unit) must be accessible.
- The unit should be located at least 30cm (12") from the nearest wall to ensure proper air conditioning. The air outlet of the unit should be at least 50cm(19.7") away from obstacles.
- DO NOT cover the Intakes, Outlets or Remote Signal Receptor of the unit, as this could cause damage to the unit.

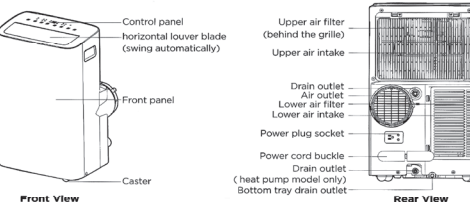
Unit Installation Location Restricted Space Requirements



Product overview

NOTE ON ILLUSTRATIONS

All the illustrations in the manual are for explanation purpose only. Your machine may be slightly different. The actual shape shall prevail.
The unit can be controlled by the unit control panel alone or with the remote controller.

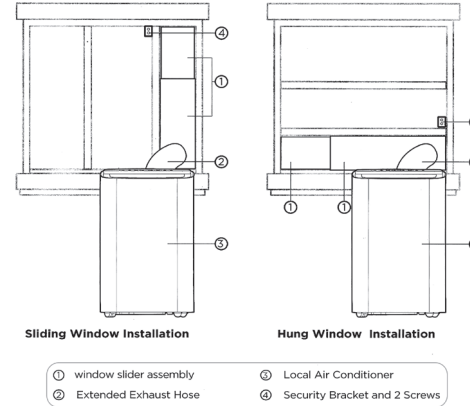


Design Notice

In order to ensure the optimal performance of our products, the design specifications of the unit and remote control are subject to change without prior notice.

Installation overview

Installation Completion Display



NOTE

Illustrations in this manual are for explanatory purposes. The actual shape of your indoor unit may be slightly different. The actual shape shall prevail.

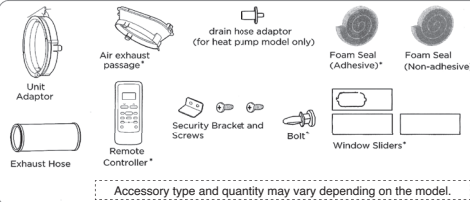
List of installation tools (not included)



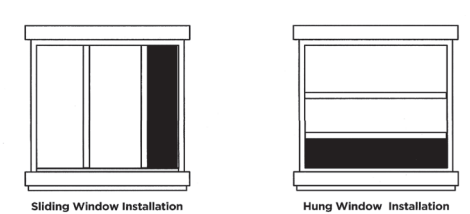
Installation accessories

NOTE

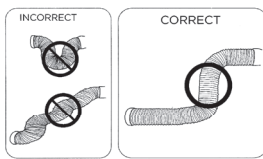
Items with (*) are on some models. Slight variations in design may occur.



Confirm your window type (window type and opening size of different types)



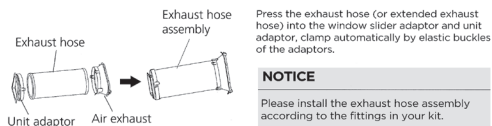
For optimal performance in operation



NOTICE:

To ensure proper function, DO NOT overextend or bend the hose. Make sure that there is no obstacle around the air outlet of the exhaust hose (in the range of 500mm) in order to the exhaust system works properly. All the illustrations in this manual are for explanation purpose only. Your air conditioner may be slightly different. The actual shape shall prevail.

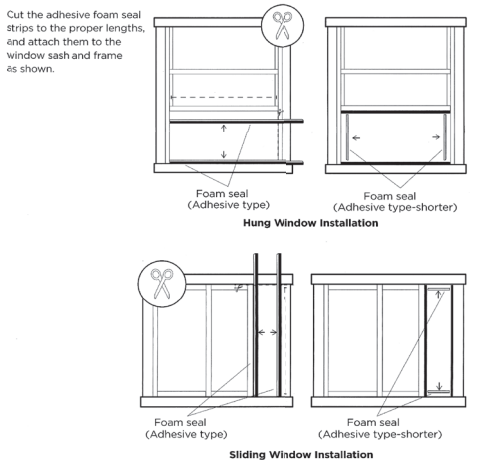
1.Exhaust hose and adaptors installation



2. Preparing the Adjustable Window Slider

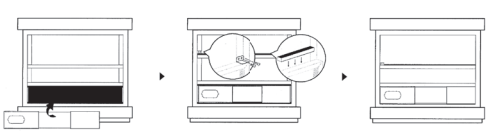


3. Complete sealing of window



4. Hung Window Installation

- Step 1:** Insert the window slider assembly into the window opening.
 - Step 2:** Cut the non-adhesive foam seal strip to match the width of the window. Insert the seal between the glass and the window frame to prevent air and insects from getting into the room.
 - Step 3:** If desired, install the security bracket with 2 screws as shown.
- NOTICE:**
Once the Exhaust Hose assembly and Adjustable Window Slider are prepared, choose from one of the following two installation methods.

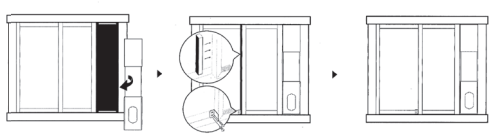


5. Sliding Window Installation

- Step 1:** Insert the window slider assembly into the window opening.
- Step 2:** Cut the non-adhesive foam seal strip to match the height of the window. Insert the seal between the glass and the window frame to prevent air and insects from getting into the room.
- Step 3:** If desired, install the security bracket with 2 screws as shown.

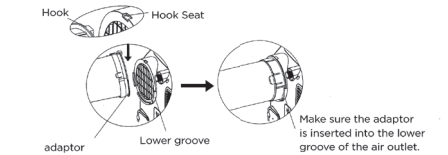
NOTICE:

Once the Exhaust Hose assembly and Adjustable Window Slider are prepared, choose from one of the following two installation methods.



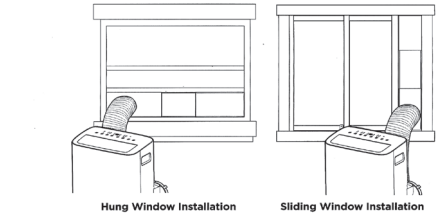
6. Install the Exhaust hose assembly to the unit

Push the Exhaust hose into the airtoutlet opening of the unit along the arrow direction.



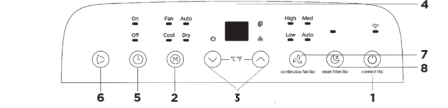
7. Connect the adaptor to the unit and the window

Insert the window slider adaptor into the hole of the window slider.



Get to know your AC

Electronic control operating instructions



1. POWER Button

Power switch on/off.
Use to initiate the Wireless function. For the first time to use Wireless function, press and hold the power button for 3 seconds to initiate the Wireless connection mode. The LED DISPLAY shows 'AP' to indicate you can set Wireless connection. If connection (router) is successful within 8 minutes, the unit will exit Wireless connection mode automatically and the Wireless indicator illuminates.

If connection is failure within 8 minutes, the unit exits Wireless connection mode automatically. After Wireless connection is successful, you can press and hold SWING and DOWN (-) buttons at the same time for 3 seconds to turn off Wireless function and the LED DISPLAY shows 'OF' for 3 seconds, press POWER and UP(+) buttons at the same time to turn on Wireless function and the LED DISPLAY shows 'On' for 3 seconds.

NOTE

When you restart the Wireless function, it may take a period of time to connect to the network automatically.

2. MODE Function

Selects the appropriate operating mode. Each time you press the button, a mode is selected in a sequence that goes from AUTO, COOL, DRY, FAN and HEAT (heat pump model only). The mode indicator light illuminates under the different mode settings.

DRY mode

Press the "MODE" button until the "Dry" indicator light comes on. In this mode, the fan speed or the temperature cannot be adjusted. The fan motor operates at auto speed.

NOTE

Keep windows and doors closed for the best dehumidifying effect.

3. UP and DOWN buttons

Used to adjust (increasing/decreasing) temperature settings in 1°C/2°F (or 1°F) increments in a range of 16°C/60°F to 30°C/86°F.
TIMER setting in a range of 0-24hrs.

NOTE

The control is capable of displaying temperature in Degrees Fahrenheit or degrees Celsius. To convert from one to the other, press and hold the Up and Down buttons at the same time for 3 seconds.

4. Display

Shows the set temperature in °C or °F and the Auto-timer settings. While on DRY and FAN modes, it shows the room temperature.
Shows Error codes and protection code:
EH60-Room temperature sensor error.
EH61-Evaporator temperature sensor error.
EC52-Condenser temperature sensor error (on some models).
EH04-Display panel communication error.
ELOC-Refrigerant leakage detection malfunction (on some models).
PI-Bottom tray is full. Contact the drain hose and drain the collected water. If the PI code does not erase, contact a service center.

NOTE

When one of the above malfunctions occurs, turn off the unit, and check for any obstructions. Restart the unit, if the malfunction is still present, turn off the unit and unplug the power cord. Contact a service center.

5.Timer button

Used to initiate the AUTO ON start time and AUTO OFF stop time program, in conjunction with the + & - buttons. The timer on/off indicator light illuminates under the timer on/off settings.

6. SWING mode

Used to initiate the Auto swing feature. When the operation is ON, press the SWING button can stop the louvers at the desired angle.

7. Continuous Fan function

In Cool or Dry mode, press and hold the constant Fan button for 3 seconds to turn the constant fan function on or off. When the function is turned on, the constant fan light will illuminate. When the function is turned on, the constant fan light will turn off.

8. SLEEP mode

Press this button, the selected temperature will increase(cooling) or decrease(heating) by 1°C/2°F(or 1°F) 30 minutes. The temperature will then increase (cooling) or decrease (heating) by another 1°C/2°F(or 1°F) after an additional 30 minutes. This new temperature will be maintained for 7 hours before it returns to the originally selected temperature. This ends the Sleep/Fan mode and the unit will continue to operate in its originally programmed mode.

NOTE: This feature is unavailable under FAN or DRY mode.

9. Other features

COMFORT SENSE feature

This feature can be activated from the remote control ONLY. There is no indicator light on the control panel. The remote control serves as a remote thermostat allowing for the precise temperature control at its location.
To activate the Comfort Sense feature, point the remote control towards the unit and press the Comfort Sense button. The remote control will send this signal to the AC unit to turn the Comfort Sense button again. If the unit does not receive the Comfort Sense signal during any 7 minutes interval, the unit will exit the Comfort Sense mode.

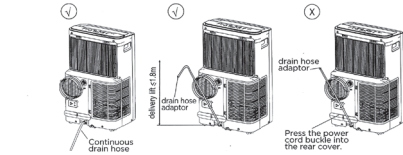
NOTE

Drainage guide

During dehumidifying modes, remove the upper drain plug from the back of the unit, install the drain connector (5/8" universal female mender) with 3/4" hose(locally purchased). For the models without drain connector, just attach the drain hose to the hole. Place the open end of the hose directly over the drain area in your basement floor.

NOTE: Drain Hose is not included

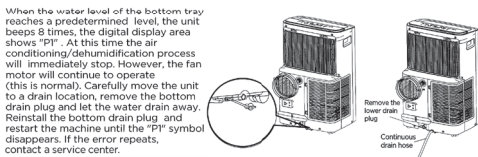
During heating pump mode, remove the lower drain plug from the back of the unit, install the drain connector (3/8" universal female mender) with 3/4" hose(locally purchased). For the models without drain connector, just attach the drain hose to the hole. Place the open end of the Hose adaptor directly over the drain area in your basement floor.



NOTE
Make sure the hose is secure so there are no leaks. Direct the hose toward the drain, making sure that there are no kinks that will stop the water flowing. Place the end of the hose into the drain and make sure the end of the hose is down to let the water flow smoothly. Do never let the end of the hose up. When the continuous drain hose is not used, ensure that the corresponding drain plug and knob are installed firmly to prevent leakage.

During heating pump mode, carefully move the unit to a drain location and let the water drain away.

NOTE
Make sure the drain hose is lower than the bottom tray drain outlet.



NOTE
Be sure to reinstall the bottom drain plug firmly to prevent leakage before using the unit.

Cleaning & maintenance

How to clean & maintenance your AC.

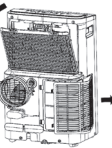
Air Filter & Cabinet Cleaning

Clean the unit using a damp, lint-free cloth and mild detergent. Dry the unit with a dry, lint-free cloth.

- Take the filter out along the arrow direction.
- Wash the air filter by immersing it gently in warm water (about 40°C/104°F) with a neutral detergent.

- Rinse the filter and dry it in a shady place.

- Install the air filter after cleaning.



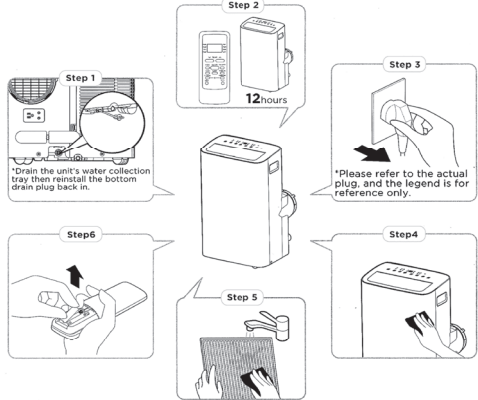
CAUTION

DO NOT operate the unit without filter because dirt and lint will clog it and reduce performance.

CAUTION

- Always unplug the unit before cleaning or servicing.
- DO NOT use flammable liquids or chemicals to clean the unit.
- DO NOT wash the unit under running water. Doing so causes electrical danger.
- DO NOT operate the machine if the power supply was damaged during cleaning.

Store the unit when not in use



NOTE

- Be sure to store the unit in a cool, dark place. Exposure to direct sunshine or extreme heat can shorten the lifespan of the unit.
- The cabinet and front may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly and wipe dry. Never use harsh cleansers, wax or polish on the cabinet front. Be sure to wring excess water from the cloth before wiping around the controls. Excess water in or around the controls may cause damage to the unit.

Step 1: Drain the unit's water collection tray according to the instructions in the following section.
Step 2: Run the appliance on FAN mode for 12 hours in a warm room to dry it and prevent mold.
Step 3: Turn off the appliance and unplug it.
Step 4: Clean the machine.
Step 5: Clean the air filter according to the instructions in the previous section. Reinstall the clean, dry filter before storing.
Step 6: Remove the batteries from the remote control.

TROUBLESHOOTING

Problem Solving

Common Issues

The following problems are not a malfunction and in most situations will not require repairs.

Problem	Possible Causes	Solution
Unit does not turn on when pressing ON/OFF button	PI Protection Code In COOL mode: room temperature is lower than the set temperature	The Water Collection Tray is full. Turn off the unit, drain the water from the Water Collection Tray and restart the unit. Reset the temperature
Unit does not cool well	The air filter is blocked with dust or animal hair Exhaust hose is not connected or is blocked The unit is low on refrigerant Temperature setting is too high The windows and doors in the room are open The room area is too large There are heat sources inside the room	Turn off the unit and clean the filter according to instructions Turn off the unit, disconnect the hose, check for blockage and reconnect the hose Call a service technician to inspect the unit and top off refrigerant Decrease the set temperature Make sure all windows and doors are closed Double-check the cooling area
The unit is noisy and vibrates too much	The ground is not level The air filter is blocked with dust or animal hair	Place the unit on a flat, level surface Turn off the unit and clean the filter according to instructions
The unit makes a gurgling sound	This sound is caused by the flow of refrigerant inside the unit	This is normal

REMOTE CONTROL AND APP INSTRUCTIONS

Handling the Remote Control

Location of the remote control
Use the remote controller within a distance of 26.2 ft (8 meters) from the air conditioner, pointing it towards the receiver. Reception is confirmed by a beep.

- CAUTION**
 - The air conditioner will not operate if curtains, doors or other materials block the signals from the remote control to the unit.
 - Prevent any liquid from spilling onto the remote control. Do not expose the remote control to direct sunlight or heat.
 - If the infrared signal receiver on the indoor unit is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
 - If other electrical appliances react to the remote control, either move these appliances or consult your local dealer.

NOTICE

- Button design is based on typical model and may vary slightly from the actual one you purchased.
- All the functions described are accomplished by the unit. If the unit is without a feature, the unit will not respond if the corresponding button on the remote is pressed.
- When there are significant differences between features or operation implied by the remote control illustration and the actual functions described in the USER'S MANUAL, the descriptions in the USER'S MANUAL shall prevail.

Remote Controller Specifications

Rated Voltage: 3.0V (Dry batteries R03/LR03x2)

Environment: 23°F -140°F (-5°-60°)

NOTE: Batteries not included

Function Buttons

TEMP DOWN Button

Press this button to decrease the indoor temperature setting.

ON/OFF Button

Operation starts when this button is pressed and stops when the button is pressed again.

NOTE: If the unit has ENERGY SAVER function, it will initiate automatically the Energy Saver function under Cool, Dry, and Auto (only Auto Cooling and Auto-Fan) modes.

MODE Button

Press this button to select the desired operation mode.

SWING Button

Press this button to start and stop the horizontal louver movement. Hold down for 2 seconds to initiate vertical louver auto saving function (some units).

COMFORTSENSE Button

Press this button to activate the ComfortSense mode, to optimize the temperature around you and ensure maximum comfort.

TEMP UP Button

Press this button to increase the indoor temperature setting.

SPEED Button

Used to select the desired fan speed.

TIMER Button

Press this button to activate the "Auto Start" or "Auto Stop" program.

°C/°F Button

Press this button to change the temperature display between Celsius and Fahrenheit

SLEEP Button

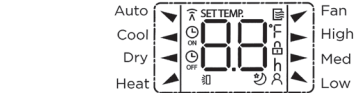
Press this button to activate the Sleep mode. This function is available on COOL or AUTO mode only and will maintain the most comfortable temperature for you while saving energy. For more details, see "sleep operation".

LED DISPLAY Button

Turns the unit's LED display on/off

Remote Screen Indicators

Information are displayed when the remote controller is power up.



Mode display

Auto, Cool, Dry, Heat, Fan, High, Med, Low

Displayed when data transmitted.

Appears when the remote is enabled and can send a signal to the unit. If you would like to turn the remote off without affecting the unit, point the remote away from the unit and press the ON/OFF button.

To turn the remote on, point the remote away from the unit and press the ON/OFF button. The unit will not receive commands from the remote if this indicator is not illuminated.

Fan speed indication

► HIGH High speed
► MED Medium speed
► LOW Low speed
NO display Auto fan speed

NOTE:

All indicators shown in the figure are for the purpose of clear presentation. But during the actual operation, only the relative function signs are shown on the display window.

How to Use the Buttons

TIMER OPERATION

Press the TIMER button to initiate the Auto-start and Auto-stop setting program of the unit.

To set the Auto-start/stop time.

- Press the TIMER button, when the TIMER ON indicator is displayed on the LED window of the air conditioner, it indicates the Auto Start setting program is initiated. When the TIMER OFF indicator is displayed on the LED window of the air conditioner, it indicates the Auto Stop setting program is initiated.
- Press or hold the TEMP UP (↗)/DOWN (↘) to change the Auto time. The control will count down the time remaining until start/stop.
- The selected time will register in 5 seconds and the air conditioner will automatically revert back to display the previous temperature setting.
- Turning the unit ON or OFF at any time will cancel the Auto Start/stop function.

NOTES
To cancel the TIMER setting, push the TIMER button and press or hold the TEMP UP (↗)/DOWN (↘) until 0 hour is displayed on the LCD window of the air conditioner.

COMBINED TIMER
(Setting both ON and OFF timers simultaneously)

AUTO STOP > AUTO START
(On > Stop > Start operation)

This feature is useful when you want to stop the air conditioner after you go to bed, and start it again in the morning when you wake up or when you return home.

Example:
To stop the air conditioner 2 hours after setting and start it again 10 hours after setting.

- Press the TIMER button until the TIMER OFF indicator is displayed on the LED display of the air conditioner.
- Use the TEMP UP (↗)/DOWN (↘) button to display "2.0" on the LED display of the air conditioner.
- Press the TIMER button again to display the TIMER OFF on the LED display of the unit.
- Use the TEMP UP (↗)/DOWN (↘) button to display "10" on the LED display of the unit.
- Wait for 5 seconds until the previous display appears in LED window.

AUTO START > AUTO STOP
(Off > Start > Stop operation)

This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

Example:
To start the air conditioner 5 hours after setting, and stop it 8 hours after setting.

- Press the TIMER button until the TIMER ON indicator is displayed on the LED display of the air conditioner.
- Use the TEMP UP (↗)/DOWN (↘) button to display "5.0" on the LED display of the air conditioner.
- Press the TIMER button again to display the TIMER OFF on the LED display of the unit.
- Use the TEMP UP (↗)/DOWN (↘) button to display "8.0" on the LED display of the unit.
- Wait for 5 seconds until the previous display appears in LED window.

NOTES

- Button design is based on a typical model and may slightly vary from the actual one you purchased.
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
 - Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not approved by the party responsible for compliance could void users authority to operate the equipment.

Battery Warning:
Do not mix old and new batteries and Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries

DECLARATION OF CONFORMITY

We hereby declare that this AC is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

PRECAUTIONS

- Supports operating systems: iOS 10+ or Android 5+.
- In the event of a OS update, there may be a delay between the update of the OS and a related software update during which your OS may or may not be supported until a new version is released. Your specific mobile phone or problems in your network may prevent the system from working and Midea will not be responsible for any problems that could be caused by incompatibility or network issues.
- This Smart AC only supports WPA-PSK/WPA2-PSK (recommended) encryption.
- To ensure proper scanning of the QR code, your smart phone must have at least a 5-megapixel camera.
- Due to unstable network connectivity, requests may time out. If this happens, rerun the network configuration.
- Due to unstable network connectivity, commands may time out. If this happens, the smartphone app and the actual product may display conflicting information. The information displayed on the actual product is always the most accurate available. Refresh the app to re-sync.

NOTICE

Midea will not be responsible for any problems that could be caused by incompatibility or network issues, your wireless router and mobile phone.

SYSTEM OVERVIEW

Devices required to use the Smart AC:

- Smart Phone with compatible iOS or Android system.
- Wireless Router
- Smart Air Conditioner

1 How to use SmartHome App

△ Make sure your smartphone is connected to your wireless router and your wireless router has a working 2.4 GHz internet connection. Bluetooth must be turned on. The device must also be powered up.

Step 1: Download the SmartHome app

Scan the QR code below to download the SmartHome app from app store or search for it directly on the Google Play Store or Apple's App Store.

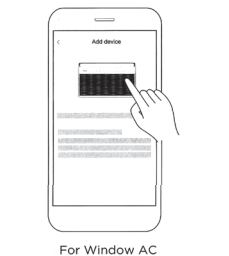


Step 2: Log in

Open the SmartHome app. Log in directly if you have an existing SmartHome account or create a new account. Alternatively, you can also use a 3rd party login platform.



3) Follow the steps in the app to connect your device to the wireless network. If your device fails to connect, follow the additional instructions in the app.

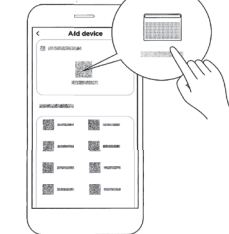


Step 3: Connecting the device

1) When you log in, you may see the message "Smart devices discovered nearby". Tap to add your device.



2) If no such message appears, proceed as follows: Tap on "+" and select your device in the list of nearby available devices. If your device is not listed, please add your device manually, first selecting the device category e.g. Window AC.



3) Follow the steps in the app to connect your device to the wireless network. If your device fails to connect, follow the additional instructions in the app.



Step 4: Controlling the device

After pairing successfully, a card will be created for the device in the SmartHome app. Shortcuts for basic functions will appear on the card such as changing the temperature or switching the device on or off. Tapping on the card, will reveal additional features and settings. The actual UI design may look different from examples due to app updates.



2 How to use Matter

Matter is a connectivity technology that harmonizes the smart home, enabling devices and ecosystems like Alexa, Google Home, and Apple Home to communicate seamlessly. This integration unlocks innovative features.

To use Matter, you will need at least one Matter enabled smart speaker (Amazon, Google or Apple) and its respective app.

-- If you have a Matter enabled smart speaker, please proceed to the "How to use Matter" instructions.

-- If you don't have a Matter enabled smart speaker, you won't be able to use Matter right now. However, you can still achieve full functionality of the product by using our SmartHome app. To do this, proceed to the "How to use SmartHome app" section.

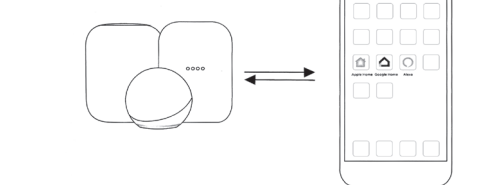
Connect Your Air Conditioner through Matter

△ Make sure your mobile device is connected to your wireless router
Wireless router should support and turn on IPv6. Please make sure your smartphone connect to 2.4G not 5G network.

For optimal Matter compatibility, connect your air conditioner to the Alexa, Google Home, or Apple Home ecosystems, paired with at least one of their compatible Matter-enabled smart speakers.

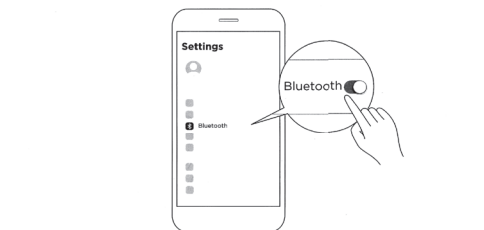
Step 1: Connect to smart speaker

Choose your preferred ecosystem (Alexa, Google Home, or Apple Home) and ensure that you have one of their Matter-enabled products, such as a smart speaker, connected to your wireless router.



Step 2: Turn on Bluetooth

Turn on Bluetooth on your mobile device.

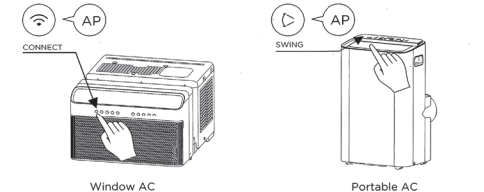


Step 3: Enter AP mode

Window AC: Hold down the CONNECT / Power button for 3 seconds to begin the pairing process ("AP" will appear on the AC's display).

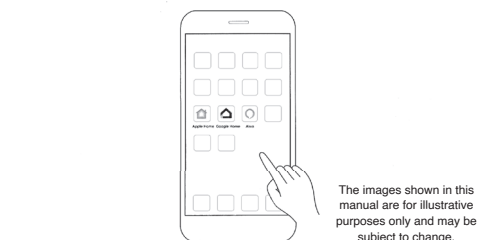
Portable AC: Hold down the SWING / Power button for 3 seconds to begin the pairing process ("AP" will appear on the AC's display).

Note: Entering AP pairing mode may vary between different AC, please follow instruction of AC panel.



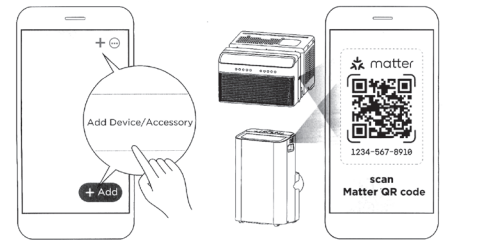
Step 4: Open app

Open the Alexa, Google Home, Apple Home app on your mobile device.



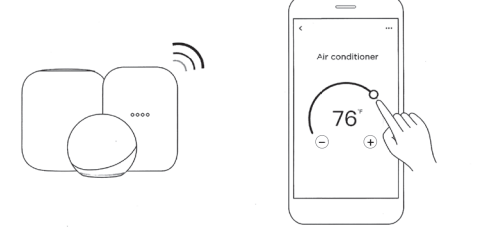
Step 5: Scan matter QR code

Open your app and tap the "+" or "+Add" to begin adding a device/accessory. Select the Matter device option and scan the QR code located on the side of your AC unit. Follow the instructions provided in the Alexa, Google Home, or Apple Home app to complete the pairing process.



Step 6: Control device

After pairing is successful, you can control your AC's temperature and mode settings, etc. through the respective ecosystem app and smart speaker. Due to a compatibility issue, the temperature value shown in the Alexa, Google Home or Apple Home app may be 1 degree different from that displayed on the air conditioner. However, this will not impact the device's ability to cool the room.



App & Smart Speakers can support Matter only when using these versions or above.

Device	Version
iPhone	iOS 16.5
Apple Home Pod	16.5
Android	Google Play services min version: 22.36.15 Google Home app (GHA) min version: 2.58.24.1-dogfood
Google Home Hub	Google Hub firmware min version: 1.56.324896 (appears on hub as Chromecast firmware version)
Alexa App	2.2.536317
Alexa Echo Device	909443955

NOTE:

- Setup processes and features may vary between ecosystems.
- The functions shown in the Alexa, Google Home or Apple Home apps may change with updates to their products or apps.
- Make sure the Matter enabled app is up to date to ensure the best experience.
- Periodically, we will update the device's software to improve the experience. Device software updates can be accomplished through the SmartHome app.
- Matter is developed by the Connectivity Standards Alliance TM. This brand, related logos, and marks are trademarks of the Alliance, all rights reserved.
- Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple's performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

3 Specification

Model: US-SK109	Dimensions: 41 x 24 x 5 (mm)
Antenna Type: Printed PCB Antenna	Operation Temperature: 0°C - 45°C / 32°F - 113°F.
Frequency: 2400-2483.5MHz	Operation Humidity: 10% - 85%
Maximum Transmitted Power: <20dBm	Power Input: DC 5V/500 mA

Declaration of conformity
CONTAINS FCC ID: 2ADGQMDNA23
CONTAINS IC: 12575A-MDNA23

This device complies with Part 15 of the FCC Rules and Industry Canada's license exempt RSS. Operation is subject to the following two conditions:
(1) This device may not cause interference and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Only operate the device in accordance with the instructions supplied. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
--Reorient or relocate the receiving antenna.
--Increase the separation between the equipment and receiver.
--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
--Consult the dealer or an experienced radio/TV technician for help.

NOTE:
All the illustrations in the manual are for explanation purpose only. Your unit may be slightly different. The actual shape shall prevail.

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The images shown in this manual are for illustrative purposes only and may be subject to change.