

## PORTABLE AIR CONDITIONER



SmartHome

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# USER MANUAL

MAP07S1XWT-S



Before using this product, please read this manual carefully and keep it for future reference. The design and specifications are subject to change without prior notice for product improvement. Consult with your dealer or the manufacturer for details.

## THANK YOU LETTER

Thank you for choosing Midea! Before using your new Midea product, please read this manual thoroughly to ensure that you know how to operate the features and functions that your new appliance offers in a safe way.

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## Read This Manual

Inside you'll find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventative 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, please call the Service Center at 1-866-646-4332.
- This appliance is not intended for use by people (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 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.



## 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.



## 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.
- 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 it has been dropped or damaged.
- The appliance with electric heater shall have at least 1 meter space to the combustible materials.
- 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 customer service for assistance.
- 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.
- 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 3.15A/250V, etc.
- When the water drainage function is not in use, keep the upper and the lower drain plug firmly to the unit to get rid of choking. When the drain plug is not in use, keep it carefully to prevent children from choking.



## **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. (be applicable for other countries except the European Countries)
- 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.
- 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 return to an authorized service facility for examination and/or repair.
- To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.
- The appliance shall be installed in accordance with national wiring regulations.
- Contact the authorised service technician for repair or maintenance of this unit.
- Contact the authorised installer for installation of this unit.
- Do not cover or obstruct the inlet or outlet grilles.
- 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.
- 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.

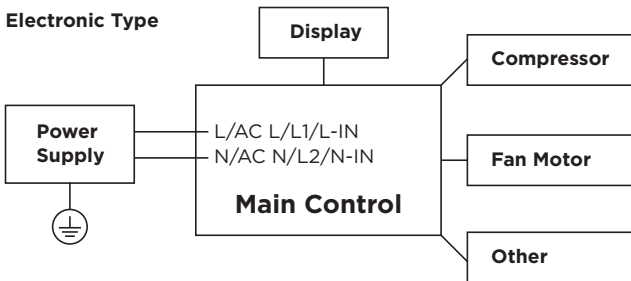
## Electronic Work



### WARNING:

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

### Electronic Type

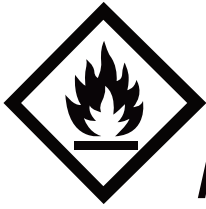


Please strictly follow the wiring label attached to the machine for all wiring connections. The wiring diagram may vary for different unit. Please refer to the wiring diagram on the machine you have purchased. The above wiring diagram is a simplified version for preliminary illustration purposes only.



### WARNING for Using R32 Refrigerant




- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- The appliance shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- Do not pierce or burn.
- Be aware that the refrigerants may not contain an odour.
- Appliance should be installed, operated and stored in a room with a floor area according to the amount of refrigerant to be charged. For specific information on the type of gas and the amount, please refer to the relevant label on the unit itself. When there are differences between the label and the manual on the Min. room area description, the description on label shall prevail.
- Appliance shall be installed, operated and stored in a room with a floor area larger than 4 m<sup>2</sup>. Appliance shall not be installed in an unventilated space, if that space is smaller than 4 m<sup>2</sup>.
- No open fire or device like switch which may generate spark/arcing shall be around appliance to avoid causing ignition of the flammable refrigerant used. Please follow the instructions carefully when storing or maintaining the appliance to prevent mechanical damage from occurring.



**A2L**

**CAUTION:**  
**Risk of fire**  
**flammable materials**

**Explanation of symbols displayed on the unit**

	<b>CAUTION</b>	This symbol shows that the operation manual should be read carefully.
	<b>CAUTION</b>	This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.
	<b>CAUTION</b>	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.
- When maintaining or disposing the appliance, the refrigerant shall be recovered properly, shall not discharge to air directly.
- Compliance with national gas regulations shall be observed.
- Keep ventilation openings clear of obstruction.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- A warning that the appliance shall be stored 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 authorises their competence to handle refrigerants safely in accordance with an industry recognised assessment specification. All training shall follow the ANNEX HH requirements of UL 60335-2-40 4th Edition.

Examples for such working procedures are:

- breaking into the refrigerating circuit;
- opening of sealed components;
- opening of ventilated enclosures.

## **1. Transport of equipment containing flammable refrigerants**

See transport regulations.

## **2. Marking of equipment using signs**

See local regulations.

## **3. Disposal of equipment using flammable refrigerants**

See national regulations.

## **4. Storage of equipment/appliances**

The storage of the appliance should be in accordance with the applicable regulations or instructions, whichever is more stringent.

## **5. Storage of packed (unsold) equipment**

Storage package protection should be constructed such that mechanical damage to the equipment inside the package will not cause a leak of the refrigerant charge. The maximum number of pieces of equipment permitted to be stored together will be determined by local regulations.

## **6. Information on servicing**

### 1) Checks to the area

Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimised. For repair to the refrigerating system, the following precautions shall be complied with prior to conducting work on the system.

### 2) Work procedure

Work shall be undertaken under a controlled procedure so as to minimise the risk of a flammable gas or vapour being present while the work is being performed.

### 3) General work area

All maintenance staff and others working in the local area shall be instructed on the nature of work being carried out. Work in confined spaces shall be avoided. The area around the workspace shall be sectioned off. Ensure that the conditions within the area have been made safe by control of flammable material.

### 4) Checking for presence of refrigerant

The area shall be checked with an appropriate refrigerating detector prior to and during work, to ensure the technician is aware of potentially flammable atmospheres. Ensure that the leak detection equipment being used is suitable for use with flammable refrigerants, i.e. non-sparking, adequately sealed or intrinsically safe.

### 5) Presence of fire extinguisher

If any hot work is to be conducted on the refrigeration equipment or any associated parts, appropriate fire extinguishing equipment shall be available to hand. Have a dry powder or CO<sub>2</sub> fire extinguisher adjacent to the charging area.

### 6) No ignition sources

No person carrying out work in relation to a refrigerating system which involves exposing any pipe work that contains or has contained flammable refrigerant shall use any sources of ignition in such a manner that it may lead to the risk of fire or explosion. All possible ignition sources, including cigarette smoking, should be kept sufficiently far away from the site of installation, repairing, removing and disposal, during which flammable refrigerant can possibly be released to the surrounding space. Prior to work taking place, the area around the equipment is to be surveyed to make sure that there are no flammable hazards or ignition risks. No Smoking signs shall be displayed.

### 7) ventilated area

Ensure that the area is in the open or that it is adequately ventilated before breaking into the system or conducting any hot work. A degree of ventilation shall continue during the period that the work is carried out. The ventilation should safely disperse any released refrigerant and preferably expel it externally into the atmosphere.

#### 8) Checks to the refrigerating equipment

Where electrical components are being changed, they shall be fit for the purpose and to the correct specifications. At all times the manufacturer's maintenance and service guidelines shall be followed. If in doubt consult the manufacturer's technical department for assistance. The following checks shall be applied to installations using flammable refrigerants: the actual refrigerant charge is in accordance with the room size within which the refrigerant containing parts are installed; the ventilation machinery and outlets are operating adequately and are not obstructed; if an indirect refrigerating circuit is being used, the secondary circuit shall be checked for the presence of refrigerant; marking to the equipment continues to be visible and legible.

Markings and signs that are illegible shall be corrected; and refrigerating pipe or components are installed in a position where they are unlikely to be exposed to any substance which may corrode refrigerant containing components, unless the components are constructed of materials which are inherently resistant to being corroded or are suitably protected against being so corroded.

#### 9) Checks to electrical devices

Repair and maintenance to electrical components shall include initial safety checks and component inspection procedures. If a fault exists that could compromise safety, then no electrical supply shall be connected to the circuit until it is satisfactorily dealt with. If the fault cannot be corrected immediately but it is necessary to continue operation, an adequate temporary solution shall be used.

This shall be reported to the owner of the equipment so all parties are advised. Initial safety checks shall include: That capacitors are discharged: this shall be done in a safe manner to avoid possibility of sparking; that there no live electrical components and wiring are exposed while charging, recovering or purging the system; that there is continuity of earth bonding.

#### **7. Sealed electrical components shall be replaced.**

#### **8. Intrinsically safe components must be replaced.**

#### **9. Cabling**

Check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.

#### **10. Detection of flammable refrigerants**

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used.

The following leak detection methods are deemed acceptable for systems containing flammable refrigerants. Electronic leak detectors shall be used to detect flammable refrigerants, but the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area.) Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed and the appropriate percentage of gas (25% maximum) is confirmed. Leak detection fluids are suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work. If a leak is suspected, all naked flames shall be removed/ extinguished. If a leakage of refrigerant is found which requires brazing, all of the refrigerant shall be recovered from the system, or isolated (by means of shut off valves) in a part of the system remote from the leak. Removal of refrigerant shall be according to Removal and evacuation.

## 11. Removal and evacuation

When breaking into the refrigerant circuit to make repairs—or for any other purpose - conventional procedures shall be used. However, for flammable refrigerants it is important that best practice be followed, since flammability is a consideration. The following procedure shall be adhered to:

- Safely remove refrigerant following local and national regulations;
- Evacuate;
- Purge the circuit with inert gas (optional for A2L);
- Evacuate (optional for A2L);
- continuously flush or purge with inert gas when using flame to open circuit; and
- open the circuit.

The refrigerant charge shall be recovered into the correct recovery cylinders if venting is not allowed by local and national codes. For appliances containing flammable refrigerants, the system shall be purged with oxygen-free nitrogen to render the appliance safe for flammable refrigerants. This process might need to be repeated several times. compressed air or oxygen shall not be used for purging refrigerant systems.

For appliances containing flammable refrigerants, refrigerants purging shall be achieved by breaking the vacuum in the system with oxygen-free nitrogen and continuing to fill until the working pressure is achieved, then venting to atmosphere, and finally pulling down to a vacuum (optional for A2L).

This process shall be repeated until no refrigerant is within the system (optional for A2L).

When the final oxygen-free nitrogen charge is used, the system shall be vented down to atmospheric pressure to enable work to take place. The outlet for the vacuum pump shall not be close to any potential ignition sources, and ventilation shall be available.

## 12. Charging procedures

In addition to conventional charging procedures, the following requirements shall be followed.

Ensure that contamination of different refrigerants does not occur when using charging equipment.

Hoses or lines shall be as short as possible to minimise the amount of refrigerant contained in them.

Cylinders shall be kept in an appropriate position according to the instructions. Ensure that the refrigeration system is earthed prior to charging the system with refrigerant. Label the system when charging is complete (if not already). Extreme care shall be taken not to overfill the refrigeration system. Prior to recharging the system it shall be pressure tested with OFN. The system shall be leak tested on completion of charging but prior to commissioning. A follow up leak test shall be carried out prior to leaving the site.

## 13. Decommissioning

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely.

Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that electrical power is available before the task is commenced.

- a) Become familiar with the equipment and its operation.
- b) Isolate system electrically.
- c) Before attempting the procedure ensure that: Mechanical handling equipment is available, if required, for handling refrigerant cylinders; all personal protective equipment is available and being used correctly; the recovery process is supervised at all times by a competent person; recovery equipment and cylinders conform to the appropriate standards.
- d) Pump down refrigerant system, if possible.

- e) If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- f) Make sure that cylinder is situated on the scales before recovery takes place.
- g) Start the recovery machine and operate in accordance with manufacturer's instructions.
- h) Do not overfill cylinders. (No more than 80 % volume liquid charge).
- i) Do not exceed the maximum working pressure of the cylinder, even temporarily.
- j) When the cylinders have been filled correctly and the process completed, make sure that the cylinders and the equipment are removed from site promptly and all isolation valves on the equipment are closed off.
- k) Recovered refrigerant shall not be charged into another refrigeration system unless it has been cleaned and checked.

#### **14. Labelling**

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. Ensure that there are labels on the equipment stating the equipment contains flammable refrigerant.

#### **15. Recovery**

When removing refrigerant from a system, either for servicing or decommissioning, it is recommended good practice that all refrigerants are removed safely. When transferring refrigerant into cylinders, ensure that only appropriate refrigerant recovery cylinders are employed. Ensure that the correct number of cylinders for holding the total system charge is available. All cylinders to be used are designated for the recovered refrigerant and labelled for that refrigerant (i.e. special cylinders for the recovery of refrigerant). Cylinders shall be complete with pressure relief valve and associated shut-off valves in good working order. Empty recovery cylinders are evacuated and, if possible, cooled before recovery occurs. The recovery equipment shall be in good working order with a set of instructions concerning the equipment that is at hand and shall be suitable for the recovery of the flammable refrigerant. If in doubt, the manufacturer should be consulted. In addition, a set of calibrated weighing scales shall be available and in good working order. Hoses shall be complete with leak-free disconnect couplings and in good condition. The recovered refrigerant shall be processed according to local legislation in the correct recovery cylinder, and the relevant waste transfer note arranged. Do not mix refrigerants in recovery units and especially not in cylinders. If compressors or compressor oils are to be removed, ensure that they have been evacuated to an acceptable level to make certain that flammable refrigerant does not remain within the lubricant. The compressor body shall not be heated by an open flame or other ignition sources to accelerate this process. When oil is drained from a system, it shall be carried out safely.

# BEFORE YOU GET STARTED

## Preparations Before Installation



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



We recommend doing this with a helper.



Installing your AC should take about 30 minutes.



We're here if you need us, please contact 1-866-646-4332

## Ambient Temperature Range For Unit Operating:

Mode	Temperature Range
Cool	16~35°C (60~95°F)
Dry	13~35°C (55~95°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). With the unit operating on COOL MODE and HIGH FAN SPEED.

### 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.

### **What Should I Look For First When 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 for 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 was measured differently in prior year's models. So, while the BTUs may be lower now, 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.

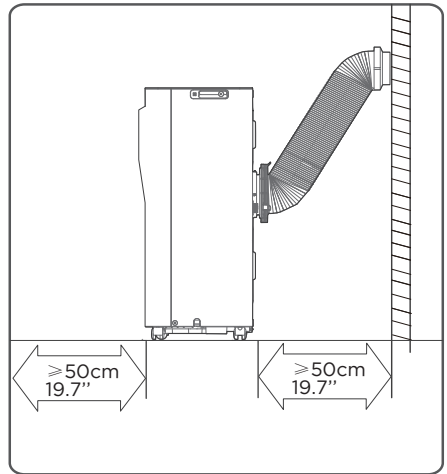
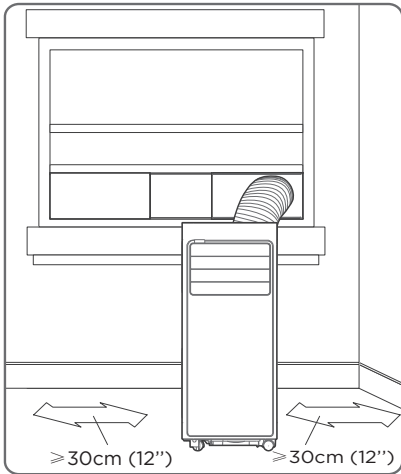
# INSTALLATION INSTRUCTIONS

## 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

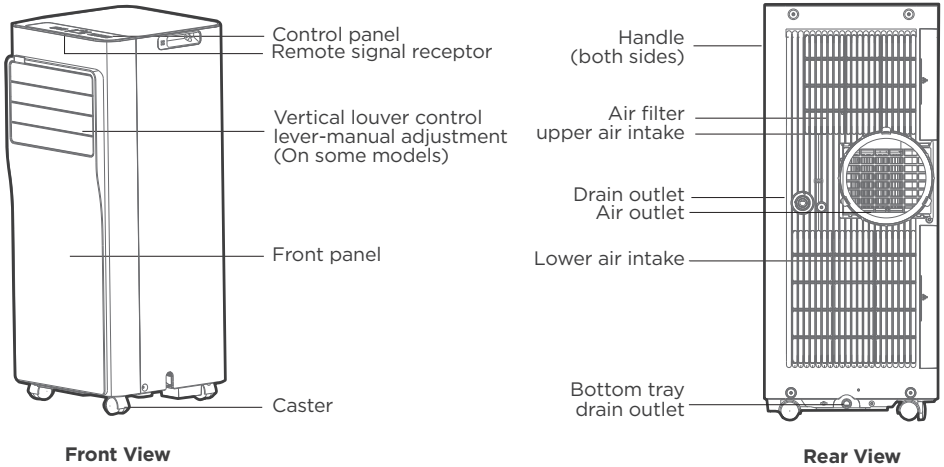


## Product Overview

### NOTICE

All the illustrations in the manual are for explanation purpose only. Your machine may be slightly different. The actual shape shall will remain the same.

The unit can be controlled by the unit control panel alone or with the remote control.

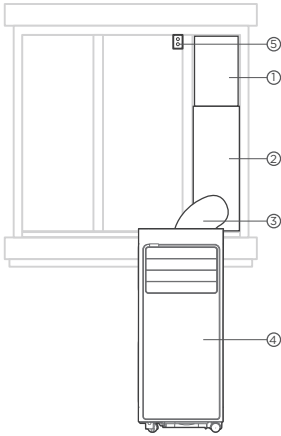


### DESIGN NOTICE

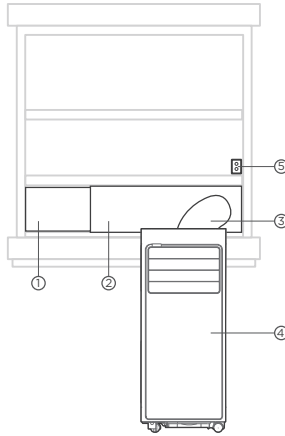
In order to ensure the optimal performance of our products, the design specifications of the unit and remote control are subject to change without prior notice.

## Installation Overview

### Installation Completion Display



Sliding Window Installation



Hung Window Installation

- ① Window Slider B
- ② Window Slider A
- ③ Exhaust Hose
- ④ Air Conditioner
- ⑤ Security Bracket and 2 Screws

### 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.

## Tools Needed



Screwdriver & wrench



Pencil



A tape measure



Scissors or Knife



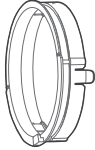
Saw (On some models, to shorten window adaptor for narrow windows)

## Installation Accessories

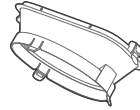
Your Window Installation Kit fits windows 19.4"-62.2"(49.3-158.1cm) and can be shortened for smaller windows.

### NOTICE

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



Unit Adaptor  
(1pc)



Air exhaust  
passage (1 pc\*)



Foam Seal A  
(Adhesive) 4 pc(\*)



Foam Seal B  
(Adhesive) 2 pc



Foam Seal C  
(Non-adhesive) 2 pc(\*)



Security Bracket  
and 2 Screws (1 set)



Drain Hose  
(1 pc)



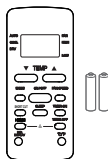
Exhaust Hose  
(1 pc)



Bolt (3 pc)



Power Cord  
Buckle (1 pc)

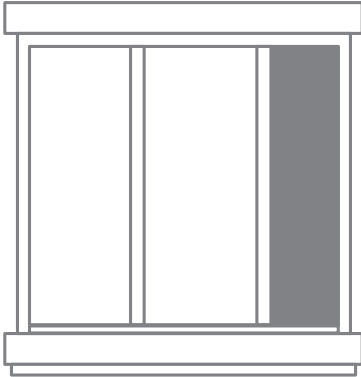


Remote Controller  
and Battery  
(1 set\*)

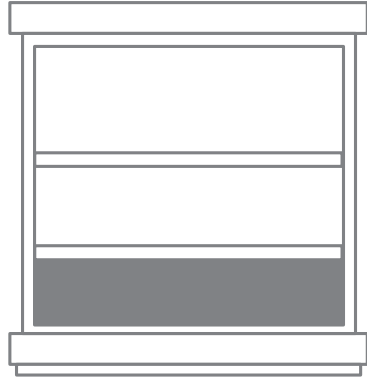


Window Sliders  
1 set(\*)

## Confirm Your Window Type (Window Type And Opening Size Of Different Types)



**Sliding Window Installation**



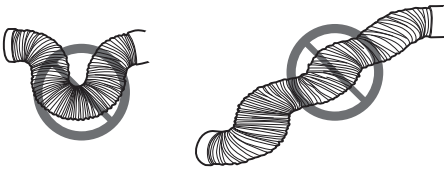
**Hung Window Installation**

## For Optimal Performance In Operation

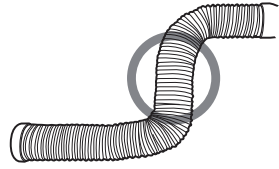
### NOTICE

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 ensure 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.

#### INCORRECT

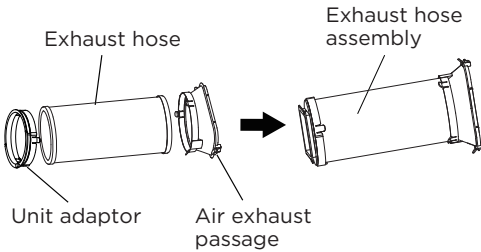


#### CORRECT



## Exhaust Hose And Adaptors Installation

### 1 - The Exhaust Hose Assembly Installation (Window Type):

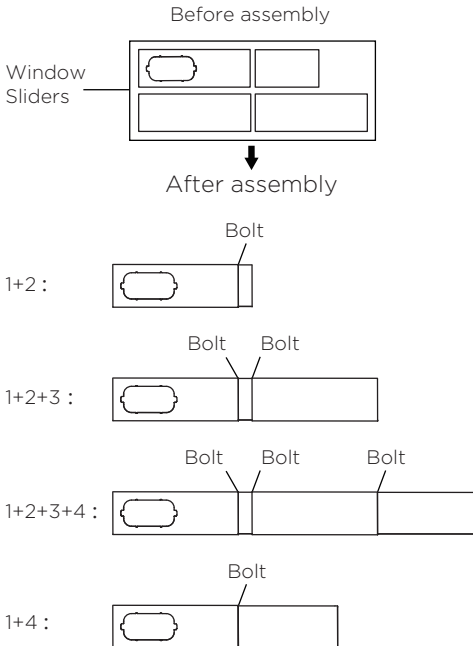


Press the exhaust hose (or extended exhaust hose) into the window slider adaptor and unit adaptor. The pieces will clip together using the tabs on the adaptors.

### NOTICE

Please install the exhaust hose assembly according to the fittings in your kit.

### 2 - Preparing the Adjustable Window Slider:

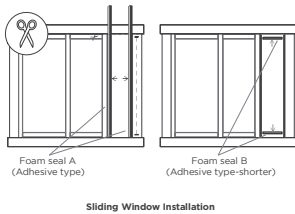
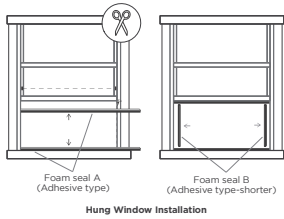


Choose the window sliders according to the size of your window. Some of the sliders may need to be cut to fit the exact window size, make sure to cut the sliders carefully if this is required.

Use bolts to fasten the window sliders once they are adjusted to the proper length.

### NOTICE

Please base your window slider installation on the accessories in your kit and the size of your window.



**NOTE:** Once the exhaust hose assembly and adjustable window slider are prepared, choose one of the two installation methods based on your window type.

### 3. Complete sealing of window

Cut the adhesive foam seal A and B strips to the proper lengths, and attach them to the window sash and frame as shown.

### 4. Hung Window Installation

#### Step 1:

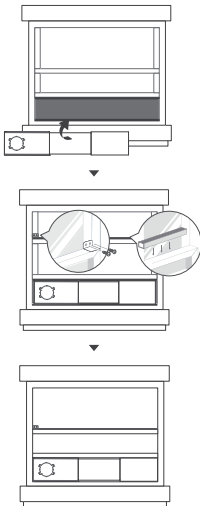
Insert the window slider assembly into the window opening.

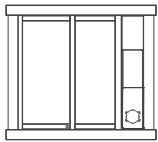
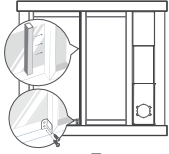
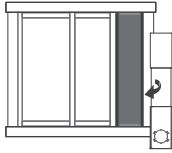
#### Step 2:

Cut the non-adhesive foam seal C 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.





## 5. Sliding Window Installation

### Step 1:

Insert the window slider assembly into the window opening.

### Step 2:

Cut the non-adhesive foam seal C 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.

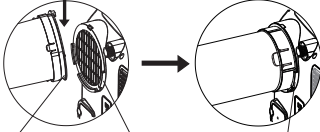
### Step 3:

If desired, install the security bracket with 2 screws as shown.

Hook      Hook Seat



Adapter      Lower groove



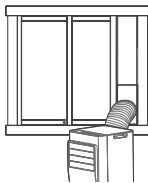
Make sure the adaptor is inserted into the lower groove of the air outlet.

## 6. Install The Exhaust Hose Assembly To The Unit:

Push the exhaust hose into the air outlet opening of the unit along the arrow direction.



Hung Window Installation



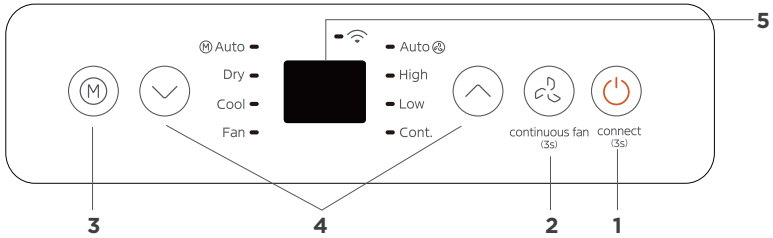
Sliding Window Installation

## 7. Connect The Adaptor To The Unit And The Window:

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

# OPERATING INSTRUCTIONS

## Electronic Control Operating Instructions



### 1. POWER button

Power switch on/off.

Wireless operation(on some models)

Used to initiate the wireless connection mode.

For the first time to use wireless function, press 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.

**NOTE:** When you restart the wireless function, it may take a period of time to connect to the network automatically.

### 2. FAN button

Press to control the fan speed in three steps AUTO,HIGH and LOW. The fan speed indicator light illuminates under different fan settings.

Continuous Fan function

In COOL or DRY mode, press the Fan button for 3 seconds to turn on or off the continuous fan function. When the function is turned on, the Cont. fan light will illuminate, indicating the fan will run continuously. When the function is turned off, the Cont. fan light will go out, indicating that the fan will stop when the compressor stops.

### 3. MODE button

Selects the appropriate operating mode.

Each time you press the button, the mode is selected in a sequence that goes from AUTO, DRY, COOL and FAN, The mode indicator light illuminates under the different mode setting.

**NOTE:** In AUTO mode, the FAN speed will be adjusted automatically.

### AUTO mode

Press the "MODE" button until the "Auto" indicator light comes on. In this mode, the fan speed or the temperature will be adjusted automatically.

### COOL mode

Press the "MODE" button until the "COOL" indicator light comes on. Press the UP and DOWN buttons "∨" or "∧" to select your desired room temperature. The temperature can be set within a range of 16°C-30°C/60°F-86°F. Press the "FAN " button to choose the fan speed.

### 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. Do not put the duct to window.

## FAN mode

Press the "MODE" button until the "FAN " indicator light comes on.

Press the "FAN SPEED" button on the remote controller to choose the fan speed. The temperature can not be adjusted. Do not put the duct to window.

## 4. 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/88°F (or 86°F).

**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.

## 5. Display

Shows the set temperature while on Cool, or Auto mode. It shows the room temperature on DRY and FAN modes.

### Shows Error codes:

EH00-EEPROM error.

EH60-Room temperature sensor error.

EH61-Evaporator temperature sensor error.

EC52-Condenser temperature sensor error (on some models).

EH0b-Display panel communication error.

Shows protection code:

P1-Bottom tray is full--Connect the drain hose and drain the collected water away.

If protection repeats, call for service.

**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 the manufacturer, its service agents or a similar qualified person for service.

## 6. Other features

### I SENSE/TEMP SENSING feature (On some models)

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.

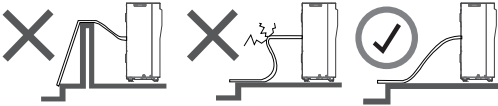
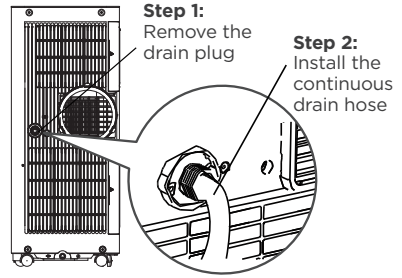
To activate the I SENSE/Temp Sensing feature, point the remote control towards the unit and press the I SENSE/Temp Sensing button. The remote control will send this signal to the AC until press the I SENSE /Temp Sensing button again. If the unit does not receive the I SENSE/Temp Sensing signal during any 7 minutes interval, the unit will exit the I SENSE/Temp Sensing mode.

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

## Drainage Guide in DRY Mode

In DRY mode, remove the upper drain plug from the back of the unit, and attach the drain hose to the outlet. Place the open end of the hose into the drain, ensuring it is directed downward to allow proper water flow.

**NOTE:** Ensure the drain hose is securely connected to avoid leaks. Position the drain hose towards the drain, making sure there are no kinks that could block water flow. When not using the continuous drain hose, firmly reinstall the upper drain plug to prevent any leakage.



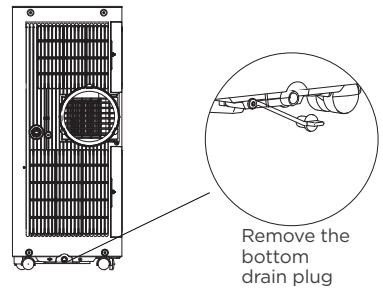
## Water Collection Tray Drainage Guide

When the water level of the bottom tray reaches a predetermined level, the unit beeps 8 times, the digital display area shows "P1". At this time the air conditioning/dehumidification process will immediately stop.

However, the fan motor will continue to operate (this is normal).

Carefully move the unit to a drain location, remove the bottom drain plug and let the water drain away. Reinstall the bottom drain plug and restart the machine until the "P1" symbol disappears. If the error repeats, see Troubleshooting section.

**NOTE:** Be sure to reinstall the bottom drain plug properly to prevent leakage before using the unit. The bottom tray cannot be removed.



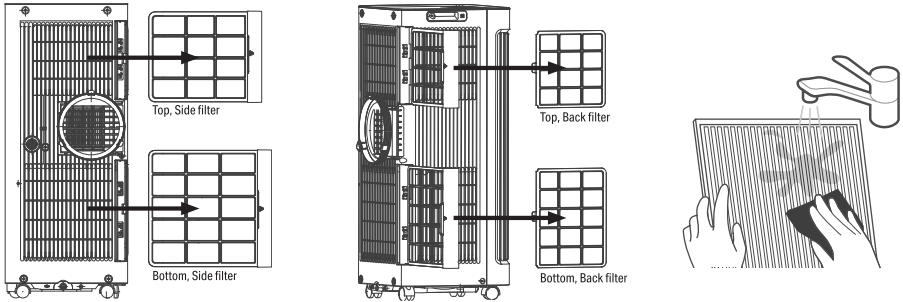
# CLEANING & MAINTENANCE

## Cabinet Cleaning

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

## Air Filter Cleaning

Take out the filter in the direction of the arrow shown. Gently immerse it in warm water with a mild detergent. Rinse thoroughly and allow the filter to dry completely before reinstalling. You may also clean the filter by vacuuming it instead of washing.



### **!** CAUTION

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

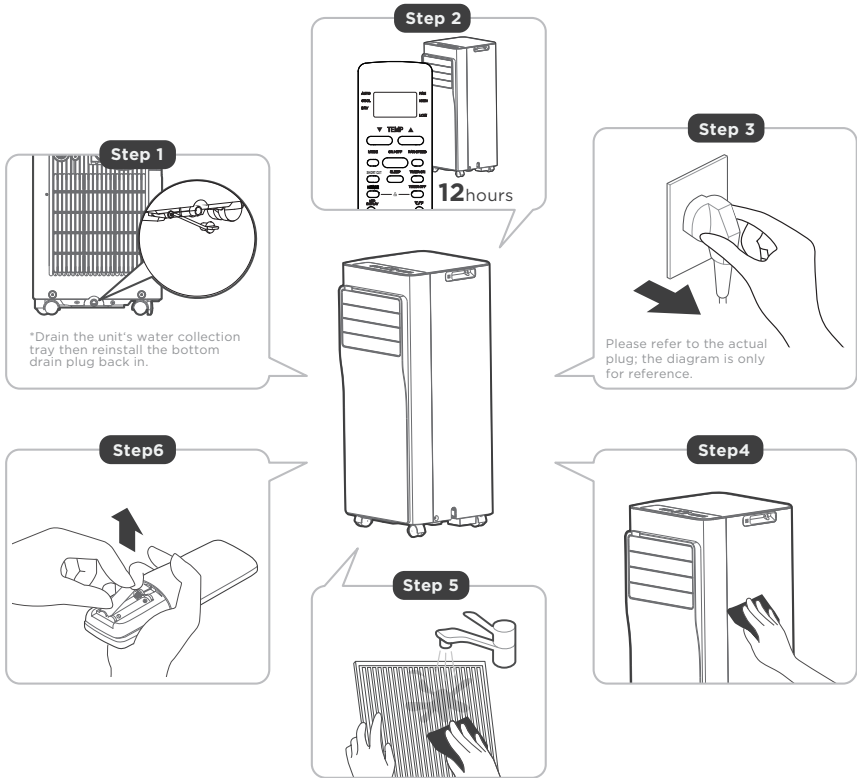
## Maintenance Tips

- Be sure to clean the air filter every 2 weeks for optimal performance.
- The water collection tray should be drained immediately after P1 error occurs, and before storage to prevent mold.
- In households with pets, periodically wipe down the grille to prevent airflow blockage caused by animal hair.

### **!** 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. A damaged power cord must be replaced with a new cord from the manufacturer.

## End of season storage & maintenance



Step 1: Drain the unit's water collection tray according to the instructions on page 23.

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.

### NOTICE

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

# TROUBLESHOOTING TIPS

## Common Issues

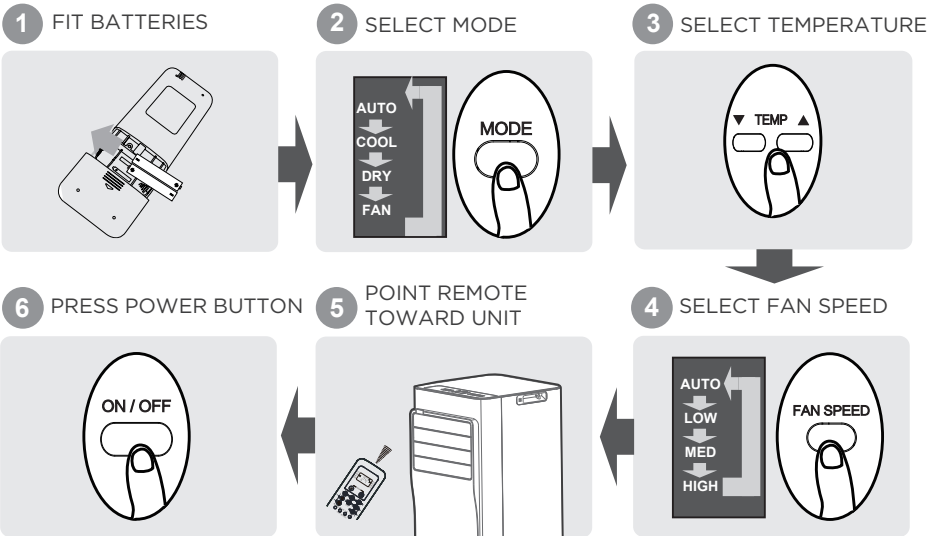
The following problems are not a malfunction and in most situations will not require repairs.

Proble	Solution	
Unit does not turn on when pressing ON/OFF button	P1 Protection Code.	The water collection tray is full. Turn off the unit, drain the water from the Water Collection Tray and restart the unit.
	In COOL mode: room temperature is lower than the set temperature.	Check the set temperature.
Unit does not cool well	The air filter is blocked with dust or animal hair.	Turn off the unit and clean the filter according to instructions.
	Exhaust hose is not connected or is blocked.	Turn off the unit, disconnect the hose, check for blockage and reconnect the hose.
	The unit is low on refrigerant.	Call a service technician to inspect the unit and top off refrigerant.
	Temperature setting is too high.	Decrease the set temperature.
	The windows and doors in the room are open.	Make sure all windows and doors are closed.
	The room area is too large.	Double-check the cooling area.
	There are heat sources inside the room.	Remove the heat sources if possible.
The unit is noisy and vibrates too much	The ground is not level	Place the unit on a flat, level surface.
	The air filter is blocked with dust or animal hair.	Turn off the unit and clean the filter according to instructions.
The unit makes a gurgling sound	This sound is caused by the refrigerant flow inside the unit.	This is normal.

# REMOTE CONTROL AND APP INSTRUCTIONS

<b>Model</b>	RG51H2(2)/CEFU1-M
<b>Rated Voltage</b>	3.0V( Dry batteries R03/LR03 2)
<b>Signal Receiving Range</b>	8m
<b>Environment</b>	-5°C-60°C(23°F-140°F)

## Quick Start Guide



### NOT SURE WHAT A FUNCTION DOES?

Refer to the **How to Use Basic Functions** and **How to Use Advanced Functions** sections of this manual for a detailed description of how to use your air conditioner.

### SPECIAL NOTE

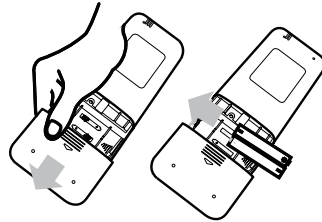
- Button designs on your unit may differ slightly from the example shown.
- If the indoor unit does not have a particular function, pressing that function's button on the remote control will have no effect.
- When there are wide differences between “Remote controller Manual” and “USER’ S MANUAL” on function description, the description of “USER’S MANUAL” shall prevail.

## HANDLING THE REMOTE CONTROLLER

### Inserting and Replacing Batteries

Your air conditioning unit may come with two batteries (some units). Put the batteries in the remote control before use.

1. Slide the back cover from the remote control downward, exposing the battery compartment.
2. Insert the batteries, paying attention to match up the (+) and (-) ends of the batteries with the symbols inside the battery compartment.
3. Slide the battery cover back into place.



### Remote Control

- Direct sunlight can interfere with the infrared signal receiver.
- There must be a clear line of sight between the remote and the appliance.
- If the signals from the remote control happen to control another appliance, move the appliance to another location or contact customer service.

### ! Battery Disposal

- Do not dispose of batteries as unsorted municipal waste. Refer to local laws for proper disposal of batteries.
- Batteries may have a chemical symbol at the bottom of the disposal icon. This chemical symbol means that the battery contains a heavy metal that exceeds a certain concentration. An example is Pb: Lead (>0.004%).
- Appliances and used batteries must be treated in a specialized facility for reuse, recycling and recovery. By ensuring correct disposal, you will help avoid possible negative consequences for the environment and human health.



### 🔋 Battery Performance

For optimal product performance:

- Do not mix old and new batteries, or batteries of different brands.
- Do not leave batteries in the remote control if you don't plan on using the device for more than 2 months.

## Notes For Using Remote Control

The device could comply with the local national regulations.

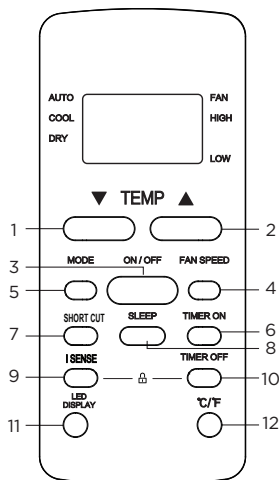
- In Canada, it should comply with CAN ICES-3(B)/NMB-3(B).
- In USA, this device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
  - (1) This device may not cause harmful interference, and
  - (2) This device must accept any interference received, including 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.
- Changes or modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

## Buttons and Functions

Before you begin using your new air conditioner, make sure to familiarize yourself with its remote control. The following is a brief introduction to the remote control itself. For instructions on how to operate your air conditioner, refer to the **How to Use Basic Functions** section of this manual.



Model: RG51H2(2)/CEFUI-M

Description	
No.1	<b>TEMP ▼</b> Decreases temperature in 1°C/1°F increments. Min. temperature is 16°C/60°F.
No.2	<b>TEMP ▲</b> Increases temperature in 1°C/1°F increments. Max. temperature is 30°C/86°F.
No.3	<b>ON/OFF</b> Turns the unit on or off.
No.4	<b>FAN SPEED</b> Selects fan speeds in the following order: AUTO → LOW → HIGH
No.5	<b>MODE</b> Scrolls through operation modes as follows: AUTO → COOL → DRY → HEAT → FAN
No.6	<b>TIMER ON</b> Sets timer to turn unit on (see How to Use Basic Functions for instructions).
No.7	<b>SHORT CUT</b> Sets and activates your favorite pre-settings
No.8	<b>SLEEP</b> Saves energy during sleeping hours .
No.9	<b>I SENSE</b> Temperature sensing and room temperature display button.
No.10	<b>TIMER OFF</b> Sets timer to turn unit off (see How to Use Basic Functions for instructions).
No.11	<b>LED DISPLAY</b> Press this button to turn on and turn off the display on the indoor unit.
No.12	<b>°C/°F</b> Press this button to alternate the temperature display between the °C & °F.

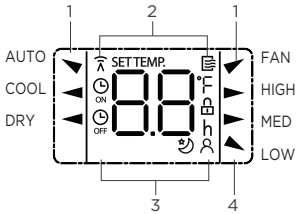
**NOTE:** Press together the two buttons simultaneously for 5 seconds to lock the keyboard. Press together the two buttons for 2 seconds to unlock the keyboard.














Press together simultaneously

## Remote Screen Indicators

Information are displayed when the remote controller is power up.



No.1	<b>Mode display</b> AUTO ▼ COOL ◀ DRY ◀ ▼ FAN
No.2	 Displayed when data transmitted.  Displayed when remote controller is ON.
No.3	 Displayed when TIMER ON time is set.  Displayed when TIMER OFF time is set.  Shows set temperature or room temperature, or time under TIMER setting.  Indicated all the current settings are locked.  Displayed when I SENSE feature is activated (some units)  Displayed when SLEEP feature is activated.
No.4	<b>FAN SPEED indication</b>  HIGH High speed  MED Medium speed(some units)  LOW Low speed NO display Auto fan speed

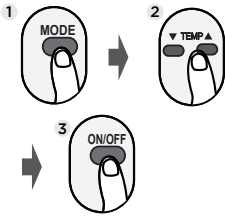
### Note:

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 Basic Functions

**! ATTENTION** Before operation, please ensure the unit is plugged in and power is available.

### AUTO Mode

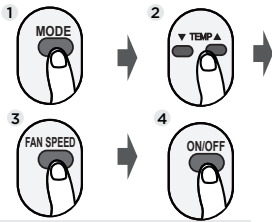


1. Select AUTO mode
2. Set your desired temperature
3. Turn on the air conditioner

**NOTE:**

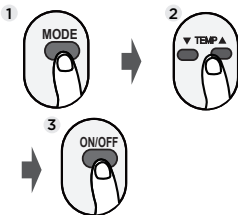
1. In AUTO mode, the unit will automatically select the COOL, or FAN function based on the set temperature.
2. In AUTO mode, fan speed can not be set.

### COOL Mode



1. Select COOL mode
2. Set the temperature
3. Set the fan speed
4. Turn on the air conditioner

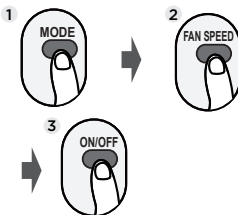
### DRY Mode



1. Select DRY mode
2. Set your desired temperature
3. Turn on the air conditioner

**NOTE:** In DRY mode, fan speed can not be set since it has already been automatically controlled.

### FAN Mode



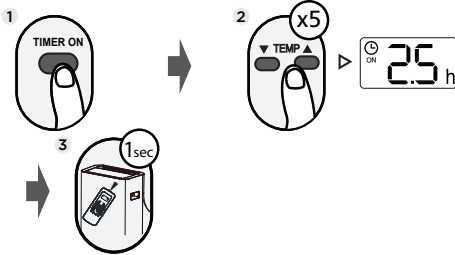
1. Select FAN mode
2. Set the fan speed
3. Turn on the air conditioner

**NOTE:** In FAN mode, you can't set the temperature. As a result, no temperature displays in remote screen.

## Setting the TIMER

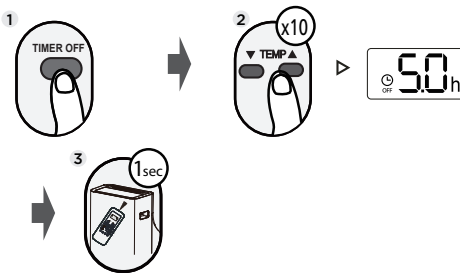
**TIMER ON/OFF** - Set the amount of time after which the unit will automatically turn on/off.

### TIMER ON setting



1. Press TIMER ON button to initiate the ON time sequence.
2. Press Temp. up or down button for for multiple times to set the desired time to turn on the unit.
3. Point remote to unit and wait 1sec, the TIMER ON will be activated.

### TIMER OFF setting

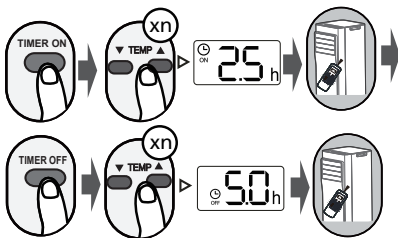


1. Press TIMER OFF button to initiate the OFF time sequence.
2. Press Temp. up or down button for multiple times to set the desired time to turn off the unit.
3. Point remote to unit and wait 1sec, the TIMER OFF will be activated.

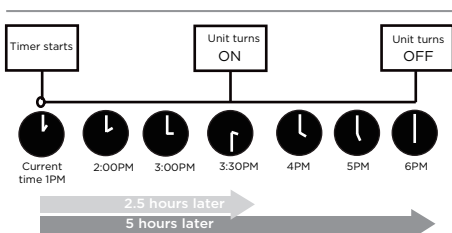
#### NOTE:

1. When setting the TIMER ON or TIMER OFF, the time will increase by 30 minutes increments with each press, up to 10 hours. After 10 hours and up to 24, it will increase in 1 hour increments. (For example, press 5 times to get 2.5h, and press 10 times to get 5h,) The timer will revert to 0.0 after 24.
2. Cancel either function by setting its timer to 0.0h.

### TIMER ON & OFF setting(example)



Keep in mind that the time periods you set for both functions refer to hours after the current time.



Example: If current timer is 1:00PM, to set the timer as above steps, the unit will turn on 2.5h later (3:30PM) and turn off at 6:00PM.

## How to Use Advanced Functions

### SLEEP function



The SLEEP function is used to decrease energy use while you sleep (and don't need the same temperature settings to stay comfortable). This function can only be activated via remote control.

The sleep function is not available in Fan or Dry mode. Please refer to the OWNER'S MANUAL for more details.

### I SENSE function(some units)



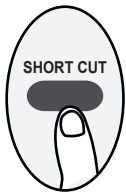
When the I SENSE function is activated, the remote display is actual temperature at its location.

The remote control will send this signal to the air conditioner every 3 minutes interval until press the I SENSE button again.

**NOTE:** Press this button for seven seconds to start/stop memory feature of I SENSE function.

- If the memory feature is activated, " **On** " displays for 3 seconds on the screen.
- If the memory feature is stopped, " **OF** " displays for 3 seconds on the screen.
- While the memory feature is activated, press the ON/OFF button, shift the mode or power failure will not cancel I SENSE function.

### SHORT CUT function(some units)



Used to restore the current settings or resume previous settings.

Push this button when remote controller is on, the system will automatically revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature(if activated).

If pushing more than 2 seconds, the system will automatically restore the current operation settings including operating mode, setting temperature, fan speed level and sleep feature(if activated ).

## 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 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

### **Supplier's Declaration of Conformity 47 CFR § 2.1077 Compliance Information**

**Unique Identifier:** Midea brand, RG51H2(2)/CEFU1-M

#### **Responsible Party U.S. Contact Information**

Midea America Corporation  
300 Kimball Dr  
Parsippany NJ  
07054

Telephone number or internet contact information: [Midea.com/us](http://Midea.com/us)

#### **FCC Compliance Statement** ( products subject to Part 15)

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.

## 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.

## Specification of Wireless Module

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

## PRECAUTIONS

1. Supports operating systems: Please refer to page 35.
2. 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.
3. This Smart AC only supports WPA-PSK/WPA2-PSK (recommended) encryption.
4. To ensure proper scanning of the QR code, your smart phone must have at least a 5-megapixel camera.
5. Due to unstable network connectivity, requests may time out. If this happens, rerun the network configuration.
6. 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.

## 1 How to use SmartHome App

- ⚠ Ensure that your mobile phone is connected to the wireless network. Bluetooth must be turned on.  
The device must also be powered up.

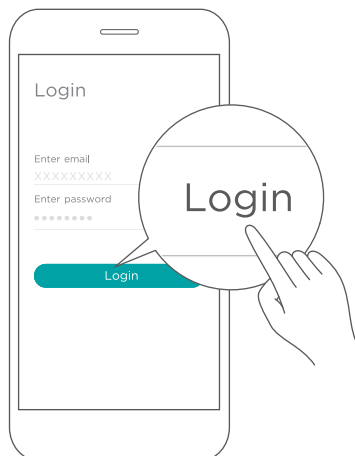
### ■ Step 1: Download the SmartHome app

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.



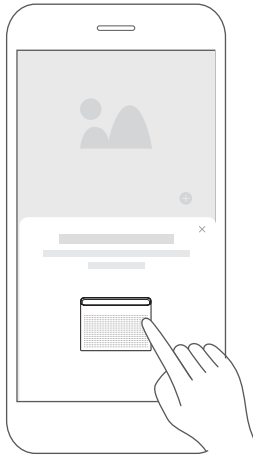
### ■ Step 2: Log in

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.

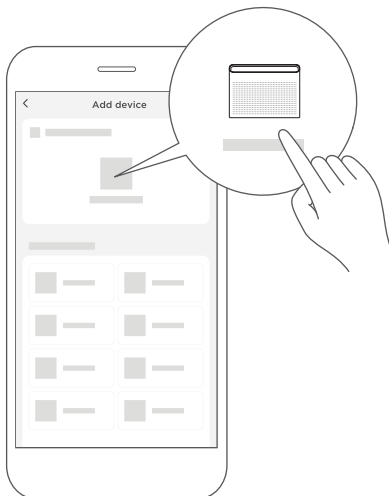


■ **Step 3: Connecting the device**

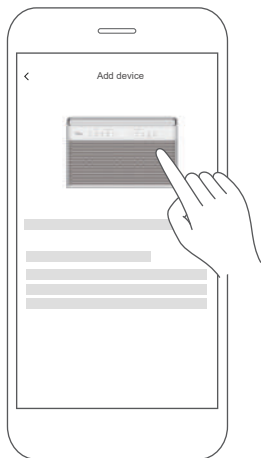
1) When you log in, you may see the message "Smart devices discovered nearby". Tap to add your device.



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.



For Window AC

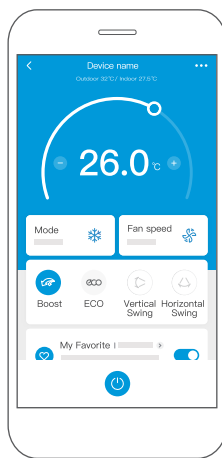
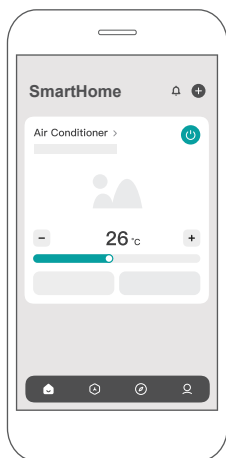


For Portable AC

#### ■ 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 unifies the smart home by allowing devices and ecosystems (such as Alexa, Google Home and Apple Home) to speak the same language thus creating exciting new features and use cases.

To use Matter, you will need at least one Matter enabled smart speaker from Amazon, Google or Apple, and it's respective app.

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

-- 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 back on page 35.

### Connect Your Air Conditioner through Matter

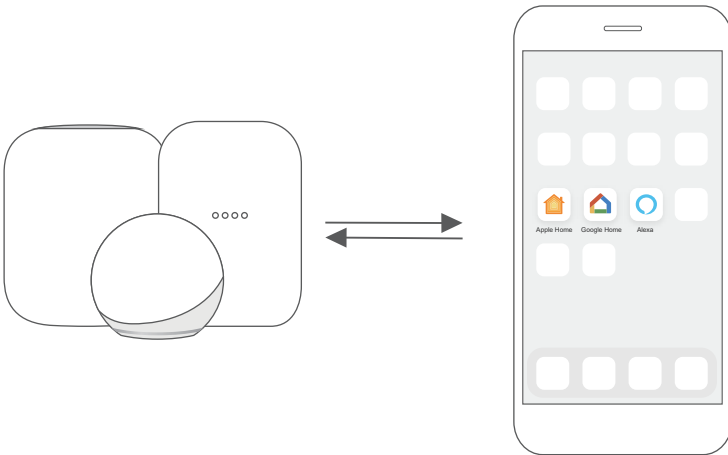
⚠ Make sure your mobile device is connected to your wireless router.

Wireless router should support and turn on IPv6. Please make sure your smartphone connects to 2.4G but not 5G network.

For best Matter compatibility, connect the AC to the Alexa, Google Home or Apple Home ecosystems along with at least one of their respective Matter enabled smart speakers.

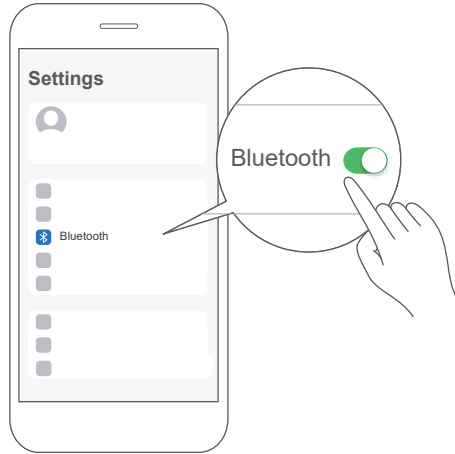
#### ■ Step 1: Connect to smart speaker

Select your preferred ecosystem (Alexa, Google Home or Apple Home) and make sure you've got one of their Matter enabled products (such as their smart speakers) connected to your wireless router.



■ **Step 2: Turn on Bluetooth**

Turn on Bluetooth on your mobile device.

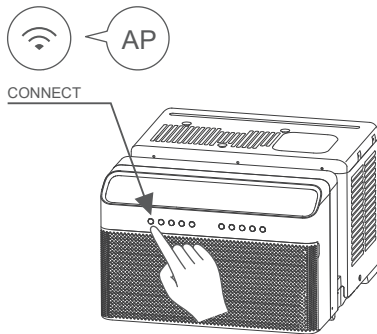


■ **Step 3: Enter AP mode**

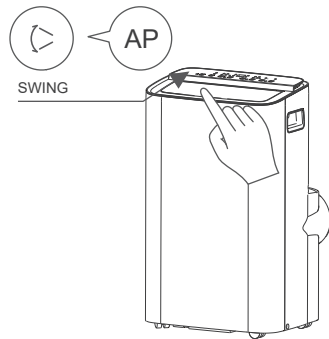
Window AC: Hold down the CONNECT / Power button for 3 seconds to begin the pairing process ("AP" will appear on the AC's display).

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.



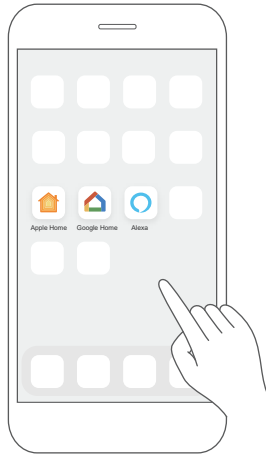
Window AC



Portable AC

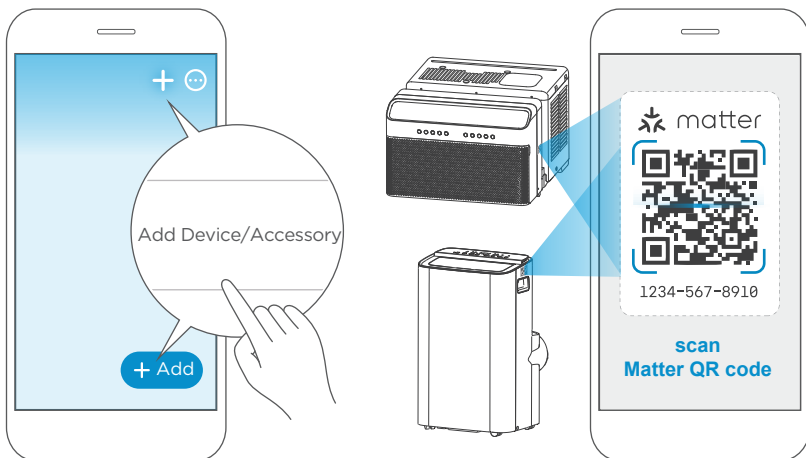
■ **Step 4: Open app**

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



■ **Step 5: Scan matter QR code**

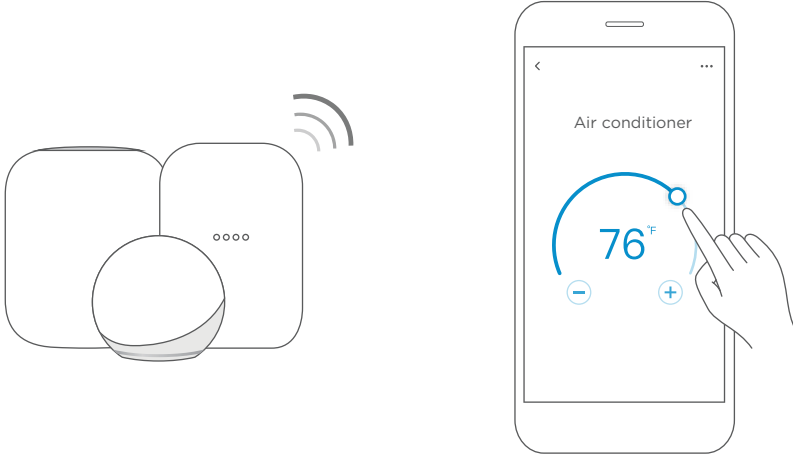
Tap the “+” and “Add Device/Accessory” or tap “+Add” in your app and then select Matter device and scan the Matter QR code found on the side of the AC device. Follow the respective instructions in the Alexa, Google Home or Apple Home app to complete the pairing process.



■ **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	9094439556

**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.

## ■ Declaration of conformity

**FCC ID: 2ADQOMDNA23**

**IC: 12575A-MDNA23**

This device complies with Part 15 of the FCC Rules and Industry Canada's licence exempt RSSs.

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.

Hereby, we declare that this AC is in compliance with the essential requirements and other relevant provisions of RE Directive 2014/53/EU. A copy of the full DoC is attached (European Union products only).

# WARRANTY

## Air Conditioner Limited Warranty

Your product is protected by this Limited Warranty:

Warranty service must be obtained from Midea Consumer Services or an authorized Midea servicer.

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### Warranty

- Two Year Full warranty from the date of delivery or the purchase date, whichever is later.
- The date of delivery establishes the warranty period, should service be required.

### Midea, through its authorized servicers will:

- Pay all costs for repairing or replacing parts of this appliance which prove to be defective in materials or workmanship.

### Consumer will be responsible for:

- Diagnostics, removal, transportation and reinstallation cost required because of service.
- Costs of service calls that are a result of items listed under NORMAL RESPONSABILITIES OF THE CONSUMER\*\*

Midea replacement parts shall be used and will be warranted only for the original warranty.

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### NORMAL RESPONSABILITIES OF THE CONSUMER\*\*

**This warranty applies only to products in ordinary household use, and the consumer is responsible for the items listed below:**

1. Proper use of the appliance in accordance with instructions provided with the product.
2. Routine maintenance and cleaning necessary to keep the good working condition.
3. Proper installation by an authorized service professional in accordance with instructions provided with the appliance and in accordance with all local plumbing, electrical and/or gas codes.
4. Proper connection to a grounded power supply of sufficient voltage, replacement of blown fuses, repair of loosen connections or defects in house wiring.
5. Expenses for making the appliance accessible for servicing.
6. Damages to finish after installation.

### EXCLUSIONS

**This warranty does not cover the following:**

- 1) Failure caused by damage to the unit while in your possession (other than damage caused by defect or malfunction), by its improper installation, or by unreasonable use of the unit, including without limitation, failure to provide reasonable and necessary maintenance or to follow the written Installation and Operating Instructions.
- 2) Damages caused by serviced performed by persons other than those authorized by Midea customer service; or external causes such as abuse, misuse, inadequate power supply or acts of God.
- 3) If the unit is put to commercial, business, rental, or other use or application other than for consumer use, we make no warranties, express or implied, including but not limited to, any implied warranty of merchantability or fitness for use or purpose.
- 4) Products without original serial numbers or products that have serial numbers which have been altered or cannot be readily determined.

**NOTICE: Some states do not allow the exclusions or limitation of incidental or consequential damages. So this limitation or exclusion may not apply to you.**

### IF YOU NEED SERVICE

Keep your bill of sale, delivery slip, or some other appropriate payment Record.

The date on the bill establishes the warranty period, should service be required.

If service is performed, it's your best interest to obtain and keep all receipts.

This written warranty gives you specific legal rights. You may also have other rights that vary from state to state.

Service under this warranty must be obtained by following these steps, in order:

- 1) Contact Midea Consumer Services or an authorized Midea services at 1 866 646 4332.
- 2) If there is a question as to where to obtain service, contact our consumer relations Department.









*make yourself at home*



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