

Idea

Window Air Conditioner

MAW

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 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 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 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's 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 areas and where it will not be tripped over.
- Do not operate unit with a damaged cord, plug, power fuse or circuit breaker.
- 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 air intake 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.

DISPLAY

MAIN CONTROL

POWER SUPPLY CORD

NOTE: The copyrights are for explanation purpose only. Your machine may be slightly different. The actual shape shall prevail.

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 m².
- Appliance shall not be installed in an unventilated space, if that space is smaller than 4 m².
- No any 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 for handling when storing or maintaining the appliance to prevent mechanical damage from occurring.



CAUTION:
Risk of fire
flammable materials

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.
- When maintaining or disposing of 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 EN 60335-2-40.
- Examples for such working procedures are:
 - breaking into the refrigerating circuit;
 - opening of sealed components;
 - opening of ventilated enclosures.

- Transport of equipment containing flammable refrigerants**
See transport regulations.
- Marking of equipment using signs**
See local regulations.
- Disposal of equipment using flammable refrigerants**
See national regulations.
- Storage of equipment/appliances**
The storage of equipment should be in accordance with the manufacturer's instructions.
- 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.
- 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 CO₂ 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 are 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.
1) During repairs to sealed components, all electrical supplies shall be disconnected and the equipment being worked upon prior to any removal of sealed covers, etc. If it is absolutely necessary to have an electrical supply to equipment during servicing, then a permanently operating form of leak detection shall be located at the most critical point to warn of a potentially hazardous situation.
2) Particular attention shall be paid to the following to ensure that by working on electrical components, the casing is not altered in such a way that the level of protection is affected. Check for damage to cables, excessive number of connections, terminals not made to original specification, damage to seals, incorrect fitting of glands, etc. Ensure that apparatus is mounted securely. Ensure that seals or sealing materials have not degraded such that they no longer serve the purpose of preventing the ingress of flammable atmospheres. Replacement parts shall be in accordance with the manufacturer's specifications.

NOTE: The use of silicon sealant may inhibit the effectiveness of some types of leak detection equipment. Intrinsically safe components do not have to be isolated prior to working on them.

8) Intrinsically safe components must be replaced.
Do not apply any permanent inductive or capacitance loads to the circuit without ensuring that this will not exceed the permissible voltage and current permitted for the equipment in use. Intrinsically safe components are the only types that can be worked on while live in the presence of a flammable atmosphere. The test apparatus shall be at the control rating. Replace components with parts specified by the manufacturer. Other parts may result in the ignition of refrigerant in the atmosphere from a leak.

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 the equipment.

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, 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. It 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 these 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 flammable refrigerants. This process might 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 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 ensure pressure is maintained. 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 piping 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 before attempting to charge. The system shall be charged 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; 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 available. 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 heat source to accelerate this process. When oil is drained from a system, it shall be carried out safely.

Operation of Current Device

The power supply cord contains a current measuring device that detects 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.)

NOTE

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.

NOTE

- 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 cord 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.

Plug in & press RESET

Grounding type wall receptacle

Do not, under any circumstances, cut, remove or bypass the grounding prong.

Power supply cord with 3-prong grounding plug and current detection device.

PRODUCT INSTALLATION

WARNING - Before You Begin

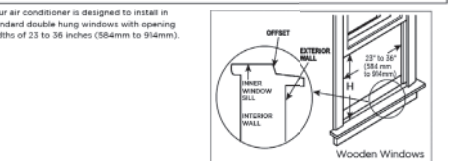
- Read these instructions completely and carefully.
- IMPORTANT** - Save these instructions.
- IMPORTANT** - Observe all governing codes and ordinances.
- We recommend that two people install this product.

Proper installation is the responsibility of the installer.
Product failure due to improper installation is not covered under the Limited Warranty.
You MUST use all supplied parts and use proper installation procedures as described in these instructions when installing this air conditioner.
Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.
Do not change the plug on the power cord of the air conditioner.
Aluminum house wiring may present special problems - consult a qualified electrician.
When handling the air conditioner, be careful to avoid cuts from sharp metal edges and aluminum fins on front and rear coils. Please wear oil-resistant gloves.

NOTE
Save carton and these installation instructions for future reference. The carton is the best way to store unit during winter, or when not in use.

Window Requirements

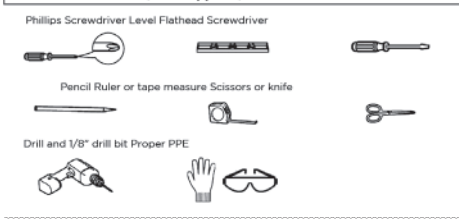
Your air conditioner is designed to install in standard double hung windows with opening widths of 23 to 36 inches (584mm to 914mm).



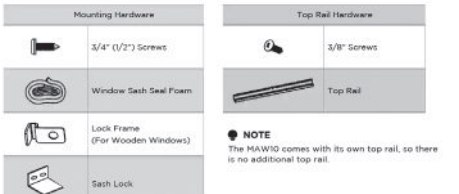
Model	1000BTU/815W/h - 8000 BTU/h 60000	14 in (356 mm)	15-1/2 in (394 mm)
H	13 in (330 mm)		

Table 1

Tools You Will Need (Not Supplied)



Installation Hardware



Accessory type and quantity may vary depending on the model.

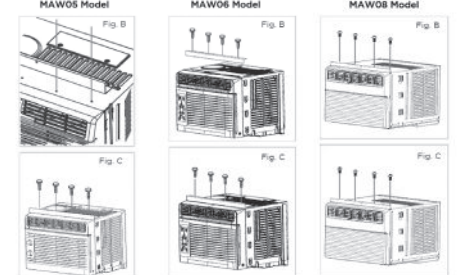
1. Prepare the Window

Lower sash must open sufficiently to allow a clear vertical opening (see dimension H in Table 1). Side louvers and the rear of the AC must have clear air space to allow enough airflow through the condenser for heat removal. The rear of the unit must be outdoors, not inside a building or garage.

2. Prepare the Air Conditioner

Before installing the unit, the top rail must be assembled on the unit for some models with a capacity of less than 10,000BTU/h.

- Remove the air conditioner from the carton and place on a flat surface.
- Remove top rail from the packaging material as shown in Fig. A.
- Align the hole in the top rail with those in the top of the unit as shown in Fig. B.
- Secure the top rail to the unit with the 3/8\"/>

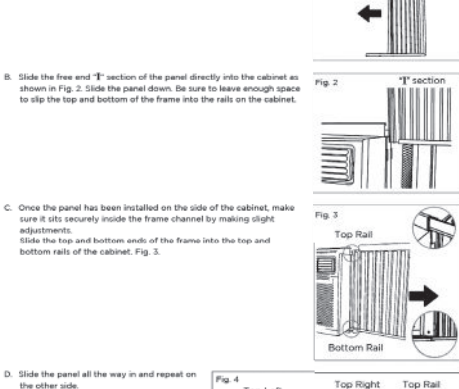


- NOTE**
- For safety reasons, all four (4) screws MUST be securely fastened.
- Before installing the unit, the top rail must be assembled on the unit.

3. Install Accordion Panels on Air Conditioner

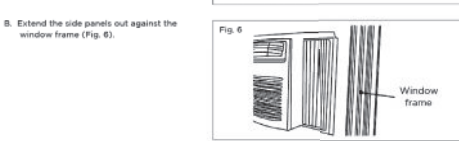
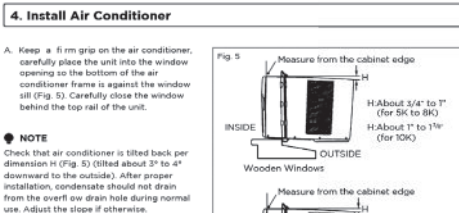
NOTE
The Top rail and Sliding Panels on each side are offered to provide the proper pitch to the rear of the unit (5/16\"/>

- Place unit on the floor, a bench or a table. Hold the Accordion Panel in one hand and gently pull back the center to free the open panel. See Fig. 1.



4. Install Air Conditioner

- Keep a firm grip on the air conditioner. Carefully place the unit into the window opening so the bottom of the air conditioner frame is against the window sill (Fig. 3). Carefully close the window behind the top rail of the unit.



5. Secure Air Conditioner

- Place the frame lock between the frame extensions and the window sill as shown (Fig. 7A for Wooden windows). Drive 3/4\"/>

- Prevent window sill from splitting. drill 1/8\"/>

- For wooden windows:
Drive 1/2\"/>

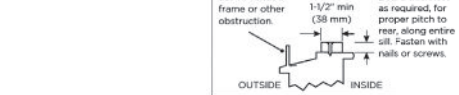
- NOTE**
- To prevent window sill from splitting, drill 1/8\"/>

- Secure lower sash in place by attaching the sash lock with the 3/4\"/>



IF AC IS BLOCKED BY STORM WINDOW

Add wood as shown in Fig. 12, or remove storm window before air conditioner is installed. If storm window frame must remain, be sure the drain holes or slots are not clogged or painted shut. Accumulated rain water or condensation must be allowed to drain out.

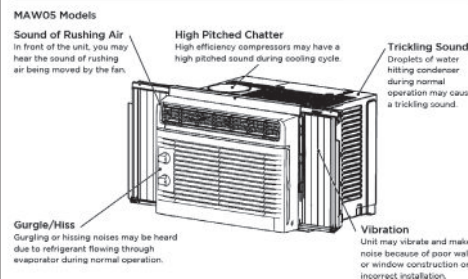


REMOVING AC FROM WINDOW

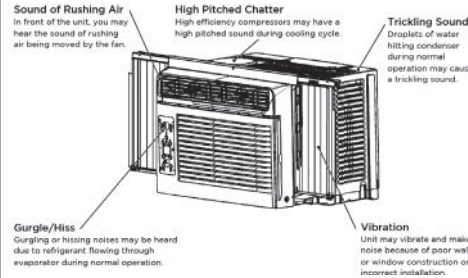
- Turn AC off, and disconnect power cord.
- Remove sash seal from between windows, and unscrew sash lock.
- Remove screws installed through top rail and side panel frames.
- Slide the accordion panels into the rails to close.
- Keeping a firm grip on the air conditioner, raise the sash and carefully remove.
- Be careful not to spill any condensate while lifting unit from window. Store parts WITH air conditioner.

OPERATION INSTRUCTIONS

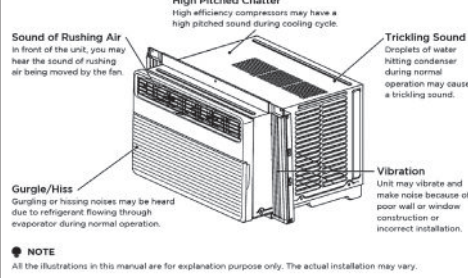
Normal Sounds



MAW06 Models



MAW08/10 Models



NOTE
All the illustrations in this manual are for explanation purpose only. The actual installation may vary.

Air Conditioner Features (general)

WARNING
To reduce the risk of fire, electrical shock, or injury to people or property, read the SAFETY PRECAUTIONS before operating this appliance.
This air conditioner is designed to be operated under the following conditions:

Cooling Operation	Outdoor temperature: 64°F - 104°F / 18°C - 43°C
	Indoor temperature: 62°F - 80°F / 17°C - 32°C

- NOTE**
- The relative humidity of the room should be less than 80%. If the unit is used in a condition with a relative humidity over 80%, there will be condensed water on the surface of the unit.
- Performance may be reduced outside of these operating temperatures.

Air Conditioner Features (MAW05MYWT only)

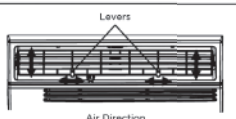
- NOTE**
- Always wait 3 minutes when turning the unit off and then on again, or when changing from cool to fan and back to cool. This prevents damage from occurring to the compressor.

To begin operating the air conditioner, follow these steps:

- Plug in the air conditioner (see the power cord instructions).
- Turn the power on to the air conditioner, using the ON/OFF button.
- Set the thermostat to the coldest temperature setting.
- Select the Cool mode setting.
- Adjust the lower for comfortable air flow (see Air Directional Louvers).
- Once the room has cooled, adjust the thermostat to the setting you find most comfortable.
- Make sure the air flow inside and outside is not obstructed by anything.

Air Directional Louvers

The louvers will allow you to direct the air flow Left or Right, or Up and Down (optional on some models) throughout the room as needed.
Move the Levers from side to side until the desired Left/Right direction is obtained.
You can also move the LEFT lever to adjust air flow up/down as needed.



Air Conditioner Features (MAW05MYWT only)

THERMOSTAT
The thermostat is used to set the desired room temperature when the unit is being operated in the COOL MODE.
To set the desired room temperature, rotate the thermostat switch to the desired setting. After the set temperature is achieved the thermostat will automatically start and stop the compressor in order to maintain the desired set temperature.

- Rotate the thermostat selector clockwise for higher cool settings. Higher cool settings will provide lower room temperature.
- Rotate the thermostat selector counter clockwise for lower cool settings. Lower cool settings will provide higher room temperature.

COOL MODE
The desired cool setting is selected by rotating the knob clockwise to the desired position.

HIGH COOL has maximum cooling effect and airflow.
LOW COOL has minimum cooling effect and airflow.

FAN MODE
Rotate the knob counter clockwise to select your choice of fan speeds for air circulation.

- NOTE**
- When selecting a low fan or high fan, the compressor will not run.
- NOTE**
- The controls featured in this manual are representative of many available models. Your model may offer slightly different features.

TEMP

MODE

Air Conditioner Features (MAW06RYWT-S only)

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5. CHECK FILTER FEATURE:

The Clean Filter indicator light is a reminder to clean the air filter for more efficient operation. The light will illuminate after 250 hours of operation. After cleaning the air filter, reset by pressing the Clean Filter button. After resetting, the light will go off.

6. CONNECT FEATURE:

Press CONNECT button for 3 seconds to turn off the unit and initiate smart connection mode.

7. ENERGY SAVER FEATURE (ECO):

Press Energy Saver button to initiate this function. This function is available on COOL, DRY, AUTO Only, AUTO-COOLING and AUTO-FAN modes. The fan will continue to run for 10 minutes after the mode is selected. The fan then cycles on for 2 minutes at 10 minute intervals until the room temperature is above the set temperature, at which time the compressor turns back on and Cooling resumes.

NOTE

The unit will automatically initiate the Energy Saver function under Cool, Dry, Auto modes.

8. TO SELECT THE OPERATING MODE:

To choose operating mode, press Mode button. Each time you press the button, a mode is selected in a sequence that goes from Auto, Cool, Dry and Fan. The indicator light adjacent will be illuminated and remain on once the mode is selected.

When the unit is turned off and back on via the power button, the unit will automatically select the Energy Saver function for the following modes: Cool, Dry, Auto. To operate on AUTO feature:

• When you set the air conditioner to AUTO mode, it will automatically select cooling or fan only operation depending on what temperature you have selected and the current room temperature.

• The air conditioner will control room temperature automatically according to temperature you've set.

• In this mode, the fan speed cannot be adjusted as it's automatically controlled according to temperature setting and room temperature.

To operate on Fan Only:

• Use this function only when cooling is not desired, such as for room air circulation or to exhaust dust air (on some models). (Remember to open the vent during this function, but keep it closed during cooling for maximum cooling efficiency.) You can choose any fan speed you prefer.

• During this function, the display will show the actual room temperature, not the set temperature as in the cooling mode.

• In Fan Only mode, the temperature is not adjusted. To operate on DRY mode:

• In this mode, the air conditioner will generally function as a dehumidifier. Since the conditioned space is a closed or sealed area, some degree of cooling will occur.

9. TIMER: AUTO START/STOP FEATURE:

• When the unit is on, press the Timer button. The "Timer off" LED indicator light will illuminate indicating the Auto stop feature has been activated. When the unit is off, press the Timer button. The "Timer on" LED indicator light will illuminate indicating the Auto start feature has been activated.

• When time of TIMER ON is displayed, press the Timer button again. The TIMER OFF indicator light illuminates. It indicates the Auto Stop program has initiated.

• Press or hold the UP or DOWN button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours. The control will count down the time remaining until start.

• The selected time will register in 5 seconds, and the system will automatically revert back to display the previous temperature setting or room temperature when the unit is on, (when the unit is off, there is no display.)

• The selected time indicates the amount of time after the current time which you want the unit to turn on or off. If you select Timer On and adjust the time to 2.0h, the unit will turn on 2 hours after the current time.

• Turning the unit ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Auto Start/Stop timed program.

NOTE

To cancel timer operation, press and hold the timer button for 3 seconds until one long buzzer is heard.

LED Display

Shows the set temperature in °C or °F and the Sub-temperature settings. While on Fan Only mode, press the room temperature. If the room temperature is too high or low, it will display "HI" or "LO".

Display

Error codes:

AS - Room temperature sensor error - Unplug the unit and plug it back in. If error repeats, call for service.

ES - Evaporator temperature sensor error - Unplug the unit and plug it back in. If error repeats, call for service.

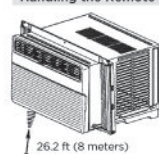
NOTE

To change the AC between Celsius and Fahrenheit scales, press the temperature control arrow at the same time for 5 seconds.

If the slide is unresponsive due to the power outage, it will restart with the previous function setting automatically when the power resumes.

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.

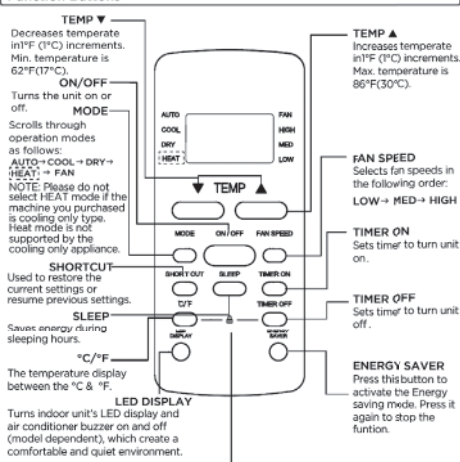
NOTE

- 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°)

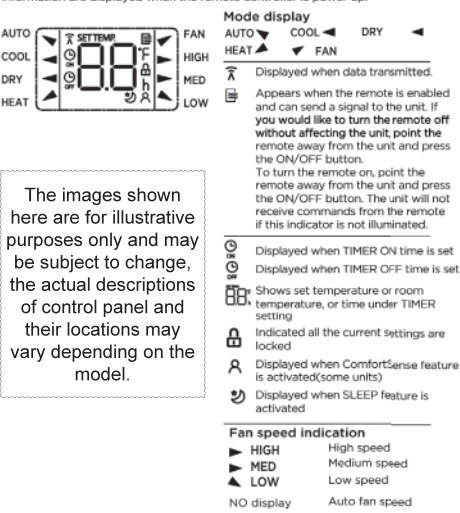
Function Buttons



The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual.

Remote Screen Indicators

Information are displayed when the remote controller is power up.



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.

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

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

Model: UG-SK109	Dimensions: 41 x 24 x 5 (mm)
Antenna Type: Printed PCB Antenna	Operation Temperature: 0°C ~ 45°C / 32°F ~ 113°F
Frequency: WLAN 2400-2483.5 MHz	Operation Humidity: 10% ~ 85%
Maximum Transmitted Power: <20 dBm Max	Power Input: DC 9V/500 mA

PRECAUTIONS

1. Supports operating systems:
 - 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 mobilephone.

1 How to use SmartHome App (MAW08SIYWT and MAW10SIYWT only)

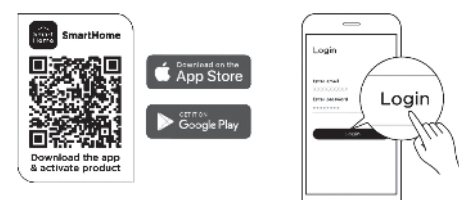
- Ensure that your mobile phone is connected to the wireless network. Bluetooth must be turned on. The device must also be powered up.

■ 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.



■ 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 (MAW08SIYWT and MAW10SIYWT only)

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".

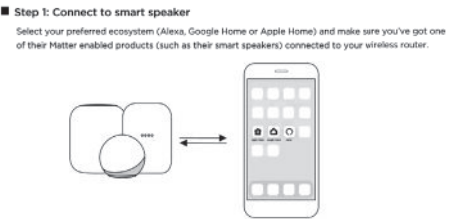
Connect YourAir Conditioner through Matter

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 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.

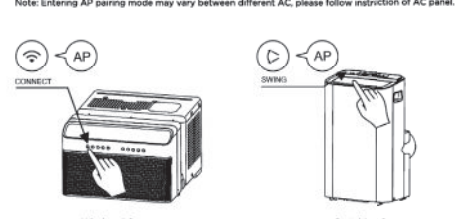


■ Step 3: Enter AP mode

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

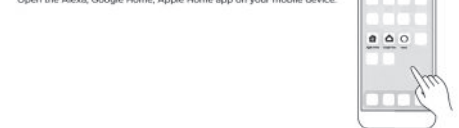
Portable AC: Hold down the SWING / Power button for 3 seconds to begin the pairing process ("AP" will appear on the AC's display).

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



■ 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: 2.58.2.1-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: 2ADGOMDNA23
IC: 12575A-MDNA23

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

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).

CLEANING AND MAINTENANCE

CAUTION

Clean your air conditioner occasionally to keep it looking new. Be sure to unplug the unit before cleaning to prevent shock or fire hazards.

Air Filter Cleaning

The air filter should be checked at least once every two weeks to see if cleaning is necessary. Trapped particles in the filter can build up and cause an accumulation of frost on the cooling coils and reduce performance.

- Grasp the filter by the center and pull up and out.
- Wash the filter using warm water. Rinse filter thoroughly.
- Gently shake excess water from the filter. Be sure the filter is thoroughly dry before replacing.
- Instead of washing, you may also vacuum the filter clean rather than washing.

NOTE

Never use hot water over 104°F (40°C) to clean the air filter. Never attempt to operate the unit without the air filter.

MAW06 Models Only

MAW06 Models Only

MAW08/10 Models



Cabinet Cleaning

- Be sure to unplug the air conditioner to prevent shock or fire hazard. 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 cleaners, 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 will cause damage to the air conditioner.

Winter Storage

If you plan to store the air conditioner during the winter, remove it carefully from the window according to the installation instructions.

TROUBLESHOOTING TIPS

Before calling for service, review this list. It may save you time and expense. This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

Problem	Solution
Wall plug disconnected.	Push plug firmly into wall outlet.
Circuit breaker tripped.	Reset circuit breaker.
Air conditioner does not start.	Check if the light on the plug is on. If it is off, press the RESET button. Power is OFF. Turn power ON. Unit turned off and then on quickly. Turn unit off and wait 3 minutes before restarting. Room temperature below 62°F (17°C). Cooling may not occur until room temperature rises above 62°F (17°C). Temperature sensor behind the air filter is touching the cold coil. Try to move it so it does not contact the cold coil. Reset to a lower temperature. Compressor shut-off by changing modes. Wait approximately 3 minutes and listen for compressor to restart when set in the COOL mode. Check for potential obstructions blocking the outdoor intake/exhaust. Clear any obstructions. Outdoor temperature below 64°F (18°C). To defrost the coil, set to FAN ONLY mode. Fan filter may be dirty. Clean filter. Refer to Cleaning and Maintenance section. To defrost, set to FAN ONLY mode. Thermostat set too cold for night-time cooling. To defrost the coil, set to FAN ONLY mode. Then, set temperature to a higher setting. Dirty or restricted air filter. Clean filter. Refer to Cleaning and Maintenance section. To defrost, set to FAN ONLY mode. Temperature is set too high, set temperature to a lower setting. Air directional louvers positioned improperly. Position louvers for better air distribution. Front of unit is blocked by drapes, blinds, furniture, etc. - restricts air distribution. Clear obstruction in front of unit. Any open doors, windows, or registers may allow cold air to escape. Close any doors, windows, or registers. The room may be too warm. Allow additional time to remove "stored heat" from walls, ceiling, floor and furniture. Dirty air filter - air restricted. Clean air filter.
Air conditioner turns on and off rapidly.	Outside temperature extremely hot. Set FAN speed to a higher setting to bring air past cooling coils more frequently. Check for potential obstructions blocking the outdoor intake/exhaust. Clear any obstructions. Air movement sound. This is normal if too loud, set to a slower FAN setting. Window vibration - poor installation. Refer to installation instructions or check with installer.
Water dripping INSIDE when unit is cooling.	Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions - check with installer.
Water dripping OUTSIDE when unit is cooling.	Unit removing large quantity of moisture from humid room. This is normal during excessively humid days. Remote control not located within range. Place remote control within 18.4 feet & 180°, radius of the front of the unit, and pointed in the general direction of the air conditioner unit. Remote control signal obstructed. Remove obstruction.
Room too cold.	Temperature setting too low. Increase temperature setting.
Noise when unit starts.	A "de-de" sound may occur for thirty seconds when the unit is turned on due to the compressor starting. It is normal.
Unit will not connect to WiFi or App does not work (some models).	For additional support and troubleshooting tips, visit the "Help" tab within the SmartHome app.

The image shown here is for illustrative purposes only and may be subject to change.

IMPORTANT INFORMATION

Do not drill holes in the product. Drilling holes in the product can cause the air conditioner to not function properly.

• Accessory type and quantity may vary depending on the model.

• The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual.

NOTE: In order to ensure the highest possible standard for refurbished items, all units are thoroughly inspected as part of the process.

For this item, water may be used during the refurbishing process and so; you may notice some condensation in the water reservoir. It is recommended to rinse the water reservoir with fresh water prior to its first use.

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ADD: MAW05M1YWT_MAW08S1YWT_MAW10S1YWT

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