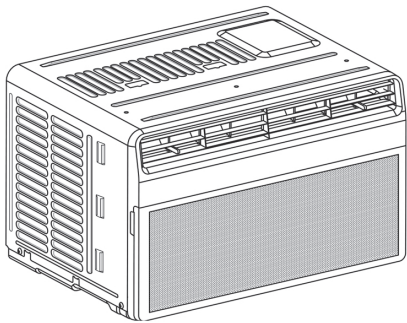


VISSANI™

8 1 4 1 0 0 6 9 7

USE AND CARE GUIDE

AIR CONDITIONER



Safety Information

READ ALL INSTRUCTIONS BEFORE USE

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and follow all safety messages.

Notice the personal safety alert symbol  used in this manual to draw your attention to a WARNING given along with the particular operating instruction. This means that the operation requires special ATTENTION, CAUTION, and AWARENESS.

 **WARNING:** Indicates a potential hazard which could result in being killed or seriously injured if you do not follow instructions.

 **CAUTION:** Indicates a potential hazard which you could be injured or cause damage to the product if you do not follow instructions

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what may happen if the instructions are not followed.

The following symbols are displayed on units:



This symbol indicates that this appliance uses a flammable refrigerant. If the refrigerant is leaked and exposure to an external ignition source, there is a risk of fire.



This symbol indicates that the Operation Manual should be read carefully.



This symbol indicates that a service personnel should be handling this equipment with reference to the Installation Manual.



This symbol indicates that information is available such as the Operating Manual or Installation Manual.

IMPORTANT SAFETY INSTRUCTIONS

 **WARNING:**

To reduce the risk of explosion, fire, death, electric shock, scalding or injury to persons when using this product, follow basic precautions, including the following:

- In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

OPERATION

- Use this appliance only for its intended purpose.
- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.
- Repair or immediately replace all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.
- Do not run cord under carpets or mats where it could be stepped on and damaged.
- Keep the cord out from under heavy objects like tables or chairs.
- Do not place the power cord near a heat source.
- Do not use an adaptor or plug the product into a shared outlet.
- Do not tamper with controls.
- If you detect a strange sound, a chemical or burning smell, or smoke coming from the appliance, unplug it immediately, and contact a service center.
- Never unplug the appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the outlet.
- Do not grasp the power cord or touch the appliance controls with wet hands.

INSTALLATION

- Before use, the appliance must be properly installed as described in this manual.
- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.
- Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.
- Connect to a properly rated, protected, and sized power circuit to avoid electrical overload.
- Always plug into a grounded outlet.
- Do not under any circumstances, cut or remove the third (ground) prong from the power cord.
- When installing or moving the appliance, be careful not to pinch, crush, or damage the power cord.
- Plug in the power plug properly.
- Do not modify or extend the power cord.
- 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.

- Use a dedicated circuit.
- Do not disassemble or modify the product.
- Adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.
- Disconnect the power cord or circuit breaker before installing or servicing the appliance.
- Keep packaging materials out of the reach of children. These materials can pose a suffocation risk to children.
- Store and install the product where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions.
- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Do not install the unit in potentially explosive atmospheres.
- Piping material, pipe routing, and installation shall include protection from physical damage in operation and service, and be in compliance with national and local codes and standards, such as ASHRAE 15, IAPMO Uniform Mechanical Code, ICC International Mechanical Code, or CSA B52. All field joints shall be accessible for inspection prior to being covered or enclosed.

- Disconnect the power cord from the adapter, using one hand on each. Otherwise, the adapter ground terminal might break. Do not use the appliance with a broken adapter plug.
- Situations when the appliance will be disconnected often; Do not use an adapter plug in these situations. Unplugging the power cord frequently can lead to an eventual breakage of the ground terminal. The wall power outlet should be replaced by a three-slot (grounding) outlet instead.

CAUTION:

To reduce the risk of minor or moderate injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:

INSTALLATION

- Take care when installing the product that exhaust or condensation does not damage nearby property.
- Follow installation instructions exactly to avoid excessive vibration or water leakage.
- Wear gloves and use caution when unpacking and installing the appliance. Screws or sharp edges can cause injuries.
- When installing or moving the appliance, be careful not to pinch, crush, or damage the power cord.
- The supply and return air openings in the conditioned space may have the body of the appliance may be installed in open areas such as false ceilings not being used as return air plenums, as long as the conditioned air does not directly communicate with the air of the false ceiling.

OPERATION

- This appliance is not intended for use as a precision refrigeration system. Do not use it for special purposes such as maintaining pets, food, precision machinery, or art objects.
- Make sure the air inlet and outlet are free from obstructions.
- Do not step on or place heavy objects on top of the appliance.
- Do not operate the appliance without the filter securely installed.
- Do not drink water drained from the appliance.
- Be sure to ventilate sufficiently when the air conditioner and a heating appliance such as a heater are used simultaneously.
- Do not expose people, animals, or plants to the cold or hot wind from the air conditioner for extended periods of time.
- Remove the batteries if the remote control is not to be used for an extended period of time.
- Never mix different types of batteries, or old and new batteries for the remote control.
- Stop using the remote control if there is a fluid leak in the battery. If your clothes or skin are exposed to the leaking battery fluid, wash off with clean water.
- If the leaking battery fluid has been swallowed, rinse the inside of the mouth thoroughly and consult a doctor.
- Do not recharge or disassemble the batteries.

MAINTENANCE

- Clean the filter every two weeks.
- Never touch the metal parts of the air conditioner when removing the air filter.
- Never use strong cleaning agents or solvents when cleaning the air conditioner or spray water. Use a smooth cloth.
- Use a soft cloth to clean the appliance. Do not use waxes, thinners, or harsh detergents.

- The power cord of this appliance is equipped with a three-prong (grounding) plug. Use this with a standard three-slot (grounding) wall power outlet to minimize the hazard of electric shock. The customer should have the wall receptacle and circuit checked by a qualified electrician to make sure the receptacle is properly grounded. **DO NOT CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER PLUG.**
- Situations when the appliance will be disconnected occasionally; Because of potential safety hazards, we strongly discourage the use of an adapter plug. However, if you wish to use an adapter, a TEMPORARY CONNECTION may be made. Use UL-listed adapter, available from most local hardware stores. The large slot in the adapter must be aligned with the large slot in the receptacle to assure a proper polarity connection.
- Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal, and not insulated, and the wall receptacle is grounded through the house wiring. The customer should have the circuit checked by a qualified electrician to make sure the receptacle is properly grounded.

REFRIGERANT (FOR R32 ONLY)



A2L

WARNING: 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 open flames (for example an operating gas appliance) and ignition sources (for example an operating electric heater).
- Do not pierce or burn.
- Be aware that flammable refrigerants may not contain an odor.
- The installation of pipe-work shall be kept to a minimum.
- National gas regulations shall be observed.
- Mechanical connections shall be accessible for maintenance purpose.
- The appliance shall be stored in a well-ventilated area where the room size corresponds to the room area as specified for operation.

CAUTION: This unit contains flammable refrigerant and has special safety precautions not normally associated with older units. Please follow all precautions and advisories.

- Use caution while handling and prevent damage to unit. Do not put any holes into product for any reason. This can cause damage to product and prevent unit from cooling.
- Maintenance and cleaning of unit should be performed by trained personnel. Failure to properly clean unit can result in damage to the refrigeration system and or the electrical system.
- Keep any required ventilation openings clear of obstruction.
- Service should only be performed by technicians properly trained and certified in the use of flammable refrigerants. Any service performed by unauthorized servicers/individuals will void all warranties.
- When storing the appliance, do not put in a room with any open flame appliance, such as gas water heaters or furnaces. Also keep away from electric heaters. Damaged units should be repaired before storage.
- Any person who is involved with working on or breaking into a refrigerant circuit should hold a current valid certificate from an industry-accredited assessment authority, which authorizes their competence to handle refrigerants safely in accordance with an industry recognized assessment specification.
- Servicing shall only be performed as recommended by the equipment manufacturer. Maintenance and repair requiring the assistance of other skilled personnel shall be carried out under the supervision of the person competent in the use of flammable refrigerants.
- The appliance shall be stored so as to prevent mechanical damage from occurring.
- The refrigerant and insulation blowing gas used in the appliance require special disposal procedures. Consult a service agent or a similarly qualified person before disposing of them.

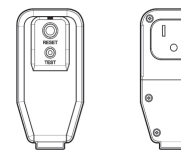
Pre-Installation

 **NOTE:** This manual may contain images or content that may be different from the model you purchased. This manual is subject to revision by the manufacturer.

ELECTRICAL DATA

Power cord may include a current interrupter device. TEST and RESET buttons are provided on the plug case. The device should be tested on a periodic basis by first pressing the TEST button and then the RESET button. If the TEST button does not trip or if the RESET button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.

FOR 120V

Use Wall Receptacle	Power Supply
	Use 15 A, time delay fuse or 15 A, circuit breaker.
Standard 120 V, 3-wire grounding receptacle rated 15 A / 120 VAC / 60 Hz	

WARNING:

- This appliance should be installed in accordance with the National Electrical Code.
- Use of extension cords could cause serious injury or death.
- Do not use an extension cord with this window air conditioner.
- Do not use surge protectors or multi-outlet adapters with this window air conditioner.
- Never push the TEST button during operation.
- Doing so can damage the plug.
- Do not remove, modify, or immerse this plug. If this device trips, the cause should be corrected before further use.

CAUTION: The conductors inside this cord are surrounded by shields, which monitor leakage current. These shields are not grounded. Periodically examine the cord for any damage. Do not use this product in the event the shields become exposed. Avoid shock hazard. This unit cannot be user-serviced. Do not open the tamper resistant sealed portion. All warranties and performance will be voided. This unit is not intended to be used as an ON/OFF switch.

TOOLS REQUIRED (TOOLS NOT INCLUDED)



Phillips screwdriver



Adjustable wrench



Level



Gloves



Tape measure



Scissors or Cutting knife



Pencil

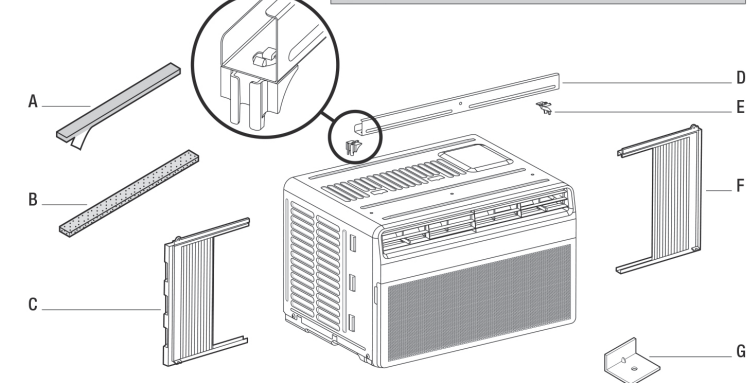
HARDWARE INCLUDED

 **NOTE:** Hardware not shown to actual size.

Part	Description
AA	Type "A" screws
BB	Type "B" screws

(Accessory type and quantity may vary depending on the model.)

PACKAGE CONTENTS

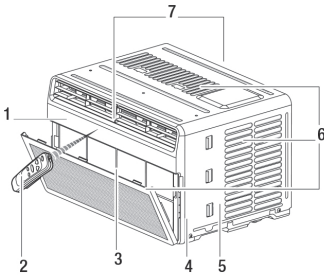


Part	Description
A	Foam-PE (Adhesive backed)
B	Foam strip (Non-adhesive)
C	Left curtain panel
D	Upper guide

Part	Description
E	Supporter
F	Right curtain panel
G	L bracket

(Accessory type and quantity may vary depending on the model.)

EXTERIOR PARTS



1. Control Panel

2. Remote Control

3. Air Filter

4. Front Grille

5. Cabinet

6. Air Inlet

7. Air Outlet

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

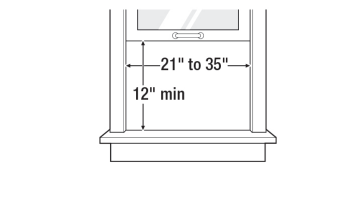
PLANNING INSTALLATION

1 How to install the unit

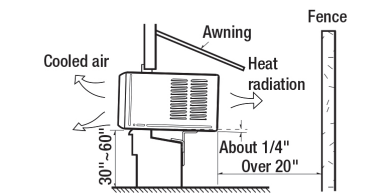
- To prevent vibration and noise, make sure the unit is installed securely and firmly.
- Install the unit out of direct sunlight.
- There should be no obstacles, such as a fence or wall, within 20" from the back of the cabinet because it will prevent heat radiation of the condenser. Restriction of outside air will greatly reduce the cooling efficiency of the air conditioner.
- Install the unit slightly tilted so the back is slightly lower than the front (about 1/4"). This will force condensed water to flow to the outside.
- Install the unit with the bottom between 30" ~ 60" above the floor level.

2 Window requirements

- This unit is designed for installation in standard double hung windows with actual opening widths from 21" to 35".
- The top and bottom window sashes must open sufficiently to allow a clear vertical opening of 12" from the bottom of the upper sash to the inside sill.

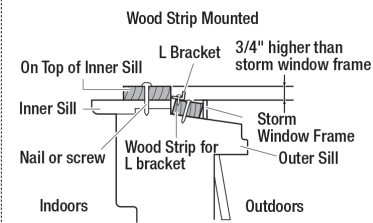


 **CAUTION:** DO NOT cover or block any of the side and top louvers. All side louvers of the cabinet must remain exposed to the outside of the structure and unobstructed.



3 Storm window requirements

- Windows that include a storm window frame may prevent the air conditioner from tilting down toward the outside to drain properly. For proper drainage, attach a 1" x 2" piece of wood to the inner sill, trimmed to a length which fits inside the window frame. The top of the wood shim must be at least 3/4" higher than the top of the storm window frame. Attach the wood securely to the sill with nails or screws.
- If necessary, attach another 1" x 2" wood strip flush against the back of the inner sill. This will raise the L bracket, as shown in the drawing.

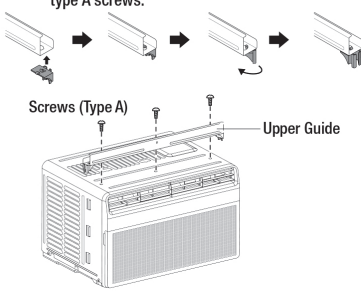


Installation

1 Preparation of the chassis

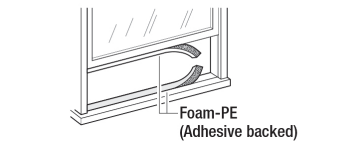
NOTE: The feature may be changed according to the type of model.

Assemble two supporters with upper guide. Align holes between the upper guide and the top of the cabinet and then install it with 3 type A screws.



3 Preparation of the chassis

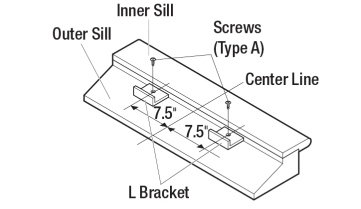
Cut the window sash seals to the proper length. Peel off the backing and attach the adhesive-backed foam to the underside of the window sash and bottom of window frame.



5 Preparation of the chassis

NOTE: The bracket helps to hold unit securely in place. Be sure to place bracket edge flush against back of inner sill.

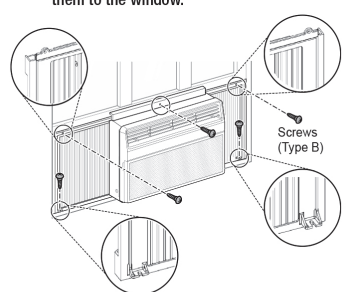
Install the L bracket behind the inner window sill, as shown. Use the 2 type A screws provided.



7 Unit installation

NOTE: The feature may be changed according to the type of model.

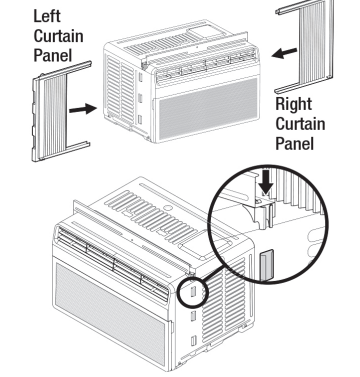
Extend the guide panels to fill the window opening and use 5 type B screws to secure them to the window.



2 Preparation of the chassis

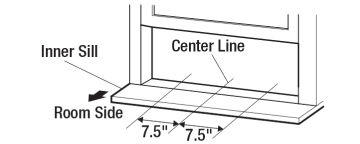
NOTE: The feature may be changed according to the type of model.

Slide the Side curtain directly into the cabinet. Insert the top and bottom rails of the curtain panels into the upper and lower panel guides.



4 Preparation of the chassis

Open the window and draw a center line on the center of the inner sill. Then mark lines 7.5" to the left and right of the center line.

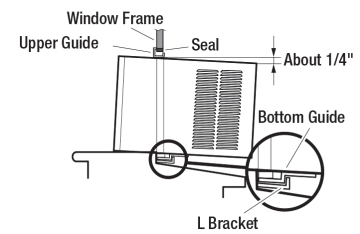


6 Unit installation

CAUTION: During the following step, hold unit firmly until window sash is lowered to top channel behind side panel frames. Personal injury or property damage may result if unit falls from window.

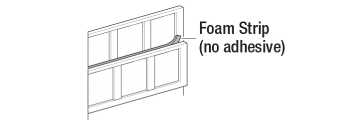
Set the air conditioner in the window so that it is centered. Place the air conditioner so that front edge of the bottom guide is against the back edge of the sill.

Bring the window down so that the front edge of the upper guide is in front of the window. Make sure that air conditioner is level or tilting slightly to the outside.



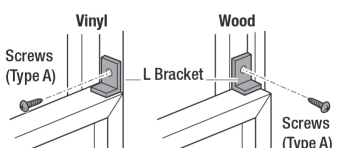
8 Unit installation

Cut the non-adhesive foam strip to the proper length and insert it between the upper window sash and the lower window sash.



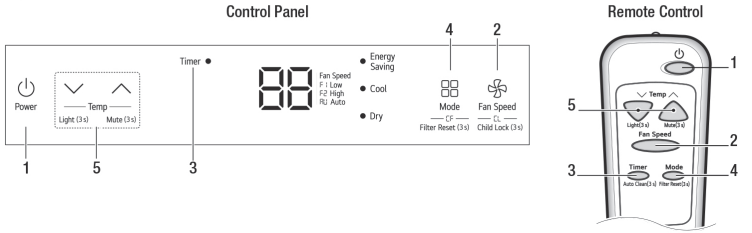
9 Unit installation

- To prevent broken glass or damage to windows, on vinyl or other similarly constructed windows, attach the L bracket with a type A screw.



Operation

1 Control panel



(The actual descriptions of control panel and their locations may vary depending on the model.)

NOTE: The feature may be changed according to the type of model. On control panel surface have protection film, Please remove film before use.

1. Power
Press to turn the air conditioner ON or OFF.

2. Fan Speed
Press to set the Fan Speed to Auto (AU), Low (F1) or High (F2).

3. Delay ON/OFF Timer
Delay ON - When the air conditioner is off, set it to automatically turn on from 1 to 24 hours later, at its previous mode and fan settings.
Delay OFF - When the air conditioner is on, set it to automatically turn off from 1 to 24 hours later.

NOTE: Each press of the Timer button advances the timer by 1 hour. After the last press the display returns to the temperature setting.

4. Operation Mode
Press the Mode button to cycle between 4 types of air conditioner operation: Energy Saving / Cool / Dry / Fan.
Energy Saving - This mode increases the temperature to the optimal level for minimizing power consumption.

USING THE LIGHT OFF FUNCTION
You can set the brightness of the control panel,
Press V button on the control panel for 3 seconds, or
Press V button on the remote control for 3 seconds.

NOTE: The temperature automatically sets to 72 °F if set temperature is below 72 °F. The temperature automatically increases to 78 °F if set temperature is below 78 °F. Cool - This mode is ideal on hot days to cool and dehumidify the room quickly. Use the Temp V / ^ buttons to set the desired room temperature and use the Fan Speed button to set the desired fan circulation speed. Dry - This mode is ideal for rainy and damp days to dehumidify the room rather than cooling it significantly. Humidity is removed from the room by the combination of compressor operation and the fan speed fixed at Low. The compressor and fan turn off once the set temperature is reached. Fan speed cannot be adjusted in Dry mode. Fan - In this mode the fan circulates air but the compressor does not run. Use the Fan Speed button to set fan speed to Auto (AU), Low (F1) or High (F2). In this mode, you cannot adjust the set temperature.

USING THE MUTE FUNCTION
You can turn on/off the unit's buzzer sound,
Press ^ button on the control panel for 3 seconds, or
Press ^ button on the remote control for 3 seconds.

USING THE AUTO CLEAN FUNCTION
In the Cooling and Dry Mode, Moisture is generated inside the indoor unit. This function removes such moisture.
Press Timer button on the remote control for 3 seconds.
Co is displayed on the display screen.

NOTE: When using the product for the first time, the Auto Clean function is not set. If you turn off the unit, the fan continues to run for 10-20 minutes and cleans inside of the indoor unit.

USING THE CHILD LOCK FUNCTION
You can set the lock function to prevent children from operating the product's control panel. Use the Child Lock function to prevent unintended operation or damage.
Press Fan speed button 3 seconds to turn the Child Lock function on or off.
CL is displayed on the display screen.

NOTE: The remote control operates normally even when the lock function is enabled.

5. Temperature Control
The thermostat monitors room temperature to maintain the desired temperature. The thermostat can be set between 16 °C ~ 30 °C (60 °F ~ 86 °F). Press V or ^ arrows to increase or decrease temperature setting.

NOTE: This feature is a reminder to clean the air filter for more efficient operation. The LED light turns on after 250 hours of operation.

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

WIRELESS REMOTE CONTROL INSERTING BATTERIES

1. Push out the cover on the back of the remote control with your thumb.



2. With the plus and minus poles facing as marked, and insert two new AAA 1.5 V batteries.



3. Reattach the cover.

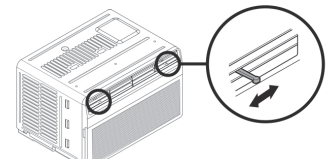
NOTE: Do not use a rechargeable battery. Make sure that the battery is new. In order to prevent discharge, remove the battery from the remote control if the air conditioner is not going to be used for an extended period of time. Keep the remote control away from extremely hot or humid places. To maintain optimal operation of the remote control, the remote sensor should not be exposed to direct sunlight.

(Batteries not included)

2 Air direction

Airflow can be adjusted by changing the direction of the air conditioner's louvers.

Adjusting Horizontal Airflow Direction - The horizontal airflow is adjusted by moving the levers of the vertical louvers to the left or right.



Maintenance

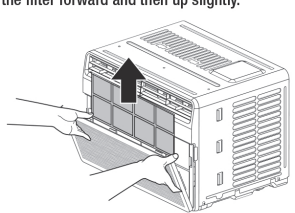
WARNING: Before cleaning or performing maintenance, disconnect the power supply and wait until the fan stops.

CLEANING

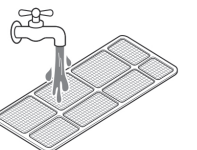
Check the air filter at least twice a month to see if cleaning is necessary. Trapped particles in the filter can build up and block the airflow, reducing cooling capacity and causing an accumulation of frost on the evaporator.

Cleaning the Air Filter:

Remove the air filter from the front grille by pulling the filter forward and then up slightly.



Wash the filter using lukewarm water below 40 °C (104 °F).



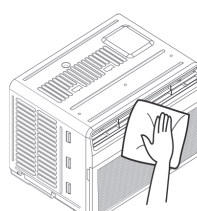
Gently shake the excess water from the filter and replace.

Cleaning the Air Conditioner:

Remove dust from the air inlet and outlet using a vacuum cleaner.

Wipe the front grille and inlet grille with a cloth dampened in a mild detergent solution.

Wash the cabinet with mild soap or detergent and lukewarm water, then polish using liquid appliance wax.



NOTE: To ensure continued peak efficiency, the condenser coils (outside of unit) should be checked periodically and cleaned if clogged with soot or dirt from outside air. The feature may be changed according to the type of model.

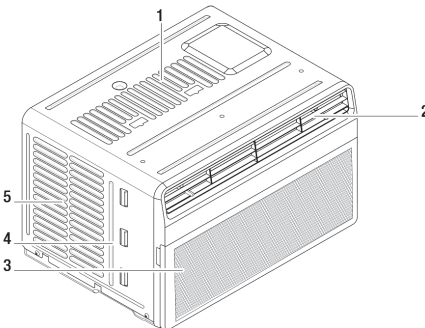
IMPORTANT INFORMATION
Do not drill holes in the product. Drilling holes in the product can cause the air conditioner to not function properly.

Troubleshooting

BEFORE CALLING FOR SERVICE
The appliance is equipped with an automatic error-monitoring system to detect and diagnose problems at an early stage. If the appliance does not function properly or does not function at all, check the following before you call for service.

NORMAL SOUNDS YOU MAY HEAR

NOTE: The feature may be changed according to the type of model.



1. **High Pitched Chatter**
Today's high efficiency compressors may have a high pitched chatter during the cooling cycle.
2. **Sound of Rushing Air**
At the front of the unit, you may hear the sound of rushing air being moved by the fan.
3. **Gurgling/Hissing**
Gurgling or hissing noise may be heard due to refrigerant passing through evaporator during normal operation.
4. **Vibration**
Unit may vibrate and make noise because of poor wall or window construction or incorrect installation.
5. **Pinging or Swishing**
Droplets of water hitting condenser during normal operation may cause pinging or swishing sounds.

Problem	Possible Cause	Solution
Air conditioner does not start.	The air conditioner is unplugged.	☐ Make sure the air conditioner plug is pushed completely into the outlet.
	The fuse is blown/circuit breaker is tripped.	☐ Check the house fuse/circuit breaker box and replace the fuse or reset the breaker.
	Power failure.	☐ If power failure occurs, turn the mode control to off. When power is restored, wait 3 minutes to restart the air conditioner to prevent tripping of the compressor overload.
Air conditioner does not cool as it should.	The current interrupter device is tripped.	☐ Press the RESET button located on the power cord plug. If the RESET button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.
	Airflow is restricted.	☐ Make sure there are no curtains, blinds, or furniture blocking the front of the air conditioner.
	The temp control may not be set correctly.	☐ Turn the knob toward the Max area for the indoor air to become cooler.
	The air filter is dirty.	☐ Clean the filter at least every 2 weeks. See the 'MAINTENANCE' section.
	The room may have been hot.	☐ When the air conditioner is first turned on, you need to allow time for the room to cool down.
	Cold air is escaping.	☐ Check for open furnace floor registers and cold air returns.
Air conditioner freezing up.	Cooling coils have iced up.	☐ See 'Air conditioner freezing up' below.
	The cooling coils are iced over.	☐ Ice may block the air flow and obstruct the air conditioner from properly cooling the room. Set the mode control at High Fan or High Cool .
Water drips outside.	Hot, humid weather.	☐ This is normal.
Water drips Indoors.	The air conditioner is not tilted to the outside.	☐ For proper water disposal, make sure the air conditioner slants slightly from the cabinet front to the rear.
Water collects in base pan.	Moisture removed from air and drains into base pan.	☐ This is normal for a short period in areas with little humidity; normal for a longer period in very humid areas.
Air conditioner turns on and off rapidly.	Dirty air filter - air restricted.	☐ Clean air filter.
Noise when unit is cooling.	Outside temperature extremely hot.	☐ Refer to installation instructions or check with installer.
	Air movement sound.	☐ This is normal. If too loud, set to lower Fan Speed Setting.
Room too cold.	Window vibration - poor installation.	☐ Refer to installation instructions or check with installer.
	The temp control may not be set correctly.	☐ Turn the knob toward the Cool area for the indoor air to become warmer.
Remote sensing deactivating prematurely.	Remote control not located within range.	☐ Place remote control within 20 feet & 120° radius of the front of the unit.
	Remote control signal obstructed.	☐ Remove obstruction.

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