perfect aire®

OWNER'S MANUAL

WINDOW AIR CONDITIONER

INVERTER

MODEL 1PACV25000E

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IMPORTANT NOTE:
Read the manual carefully. Make sure to save this manual for future reference. Illustrations in this manual are for explanatory purposes only, your actual product may look slightly different.

IMPORTANT SAFETY INSTRUCTION

READ THESE SAFETY PRECAUTIONS BEFORE INSTALLATION AND OPERATION.

For your safety, it is important that you read and follow the instructions in this manual to minimize the risk of personal injury, fire or electrical shock.

Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner. You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of Troubleshooting Tips first, you may not need to call for service at all.

To prevent 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 harm or damage. The seriousness is classified by the following indications.

⚠	**WARNING**	The signal word indicates a hazard with a medium level of risk which, if not avoided, may result in death or serious injury.
⚠	**CAUTION**	The signal word indicates a hazard with a low degree of risk which, if not avoided, may result in minor or moderate injury.

⚠ WARNING

- Plug in power plug properly. Otherwise, it may cause electric shock or fire due to excess heat generation. Do not operate or stop the unit by inserting or pulling out the power plug. It may cause electric shock or fire due to heat generation. Do not damage or use an unspecified power cord. It may cause electric shock or fire. If the power cord is damaged, it must be replaced by the manufacturer or an authorized service center or a similarly qualified person in order to avoid a hazard.
- Always install circuit breaker and a dedicated power circuit. Incorrect installation may cause fire and electric shock. Do not operate with wet hands or in damp environment. It may cause electric shock. Do not direct airflow at room occupants only. This could damage your health.
- Always ensure effective grounding. Incorrect grounding may cause electric shock. Do not allow water to run into electric parts. It may cause failure of machine of electric shock. Do not modify power cord length or share the outlet with other appliances. It may cause electric shock or fire due to heat generation.
- Unplug the unit if strange sounds, smell, or smoke comes from it. It may cause fire and electric shock. Do not use the socket if it is loose or damaged. It may cause fire and electric shock. Do not open the unit during operation. It may cause electric shock.
- Keep firearms away. It may cause fire. Do not use the power cord close to hating appliances. It may cause fire and electric shock. Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc. It may cause an explosion or fire.
- Ventilate room before operating air conditioner if there is a gas leakage from another appliance. It may cause explosion, fire and, burns. Do not disassemble or modify unit. It may cause failure and electric shock.

⚠ CAUTION

- When the air filter is to be removed, do not touch the metal parts of the unit. It may cause an injury. Ventilate the room well when used together with a stove, etc. An oxygen shortage may occur.
- Do not use strong detergent such as wax or thinner but use a soft cloth. Appearance may be deteriorated due to change of product color or scratching of its surface. Do not clean the air conditioner with water. Water may enter the unit and degrade the insulation. It may cause an electric shock. Do not use for special purposes. Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.
- Stop operation and close the window in storm or hurricane. Operation with windows opened may cause wetting of indoor and soaking of household furniture. When the unit is to be cleaned, switch off, and turn off the circuit breaker.

- Do not clean unit when power is on as it may cause fire and electric shock, it may cause an injury.
- Always insert the filters securely. It can be caused failure if operated without filters. Please clean filter once every two weeks.

⚠ CAUTION

- Hold the plug by the head of the power plug when taking it out. It may cause electric shock and damage. Turn off the main power switch when not using the unit for a long time. It may cause failure of product or fire.
- Do not place obstacles around air-inlets or inside of air-outlet. It may cause failure of appliance or accident. Do not place heavy object on the power cord and ensure that the cord is not compressed. There is danger of fire or electric shock. Don't drink water drained from air conditioner. It contains contaminants and could make you sick.
- Use caution when unpacking and installing. Sharp edges could cause injury.
- If water enters the unit, turn the unit off at the power outlet and switch off the circuit breaker. Isolate supply by taking the power-plug out and contact a qualified service technician.
- 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 super vision 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.
- 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.
- The appliance shall be installed in accordance with national wiring regulations.
- Installation must be performed in accordance with the requirement of NEC and CEC by authorized personnel only. Do not operate your air conditioner in a wet room such as a bathroom or laundry room.
- The appliance with electric heater shall have at least 1 meter space to the combustible materials.
- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the authorized installer for installation of this unit.

NOTE

This air conditioner is designed to be operated under the following conditions:

Cooling operation	Outdoor temp:	64-109°F/18-43°C (64-125° F/18-52°C for special tropical models)
	Indoor temp:	60-90° F/ 16-32°C

Note: Performance may be reduced outside of these operating temperatures

OPERATION OF CURRENT DEVICE

The power supply cord contains a current device that senses damage to the power cord. To test your power supply cord do the following:

- Plug in the Air Conditioner.
- 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.
- Press the RESET button again, you will notice a click as the button engages.
- 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

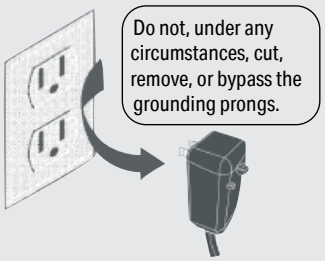
- The power supply cord with this air conditioner contains a current detection device designed to reduce the risk of fire. In the event that the power cord is damaged, it cannot be repaired – it must be replaced with a cord from the product manufacturer.
- Do not use this device to turn the unit on or off.

NOTE *(Continued)*

- The power supply cord with this air 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 if it cannot be reset.
- A new one can be obtained from the product manufacturer.
- If power supply cord is damaged, it cannot be repaired. It MUST be replaced by one obtained from the product manufacturer.

Grounding type wall receptacle

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



Using wood or decorative wall outlet covers with a raised edge alongside GFCI plugs or other large block-style plugs may result in a poor connection, increasing the risk of overheating or potential damage to the plug or outlet. For safe use, always choose a flat-style outlet covers to ensure the plug sits flush against the outlet cover, allowing for a full and secure connection between the plug's prongs and the wall outlet.

⚠ WARNING

ELECTRICAL INFORMATION

The complete electrical rating of your new room air conditioner is stated on the serial plate. Refer to the rating when checking the electrical requirements.

- Be sure the air conditioner is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your air conditioner 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, have a qualified electrician install the proper receptacle.
- Ensure the receptacle is accessible after the unit installation.
- Do not run air conditioner without side protective cover in place. This could result in mechanical damage within the air conditioner.
- Do not use an extension cord or an adapter plug.
- Do not attempt to replace a 115V wall outlet with a 230V outlet cover without properly upgrading the electrical circuit and breaker to accommodate the 208-230V load. Failure to do so may result in the unit not operating correctly, including issues with the compressor not turning on, and can pose a risk of electrical damage. Always consult a licensed electrician for proper installation.
- Avoid fire hazard or electric shock. Do not use an extension cord or an adapter plug. Do not remove any prongs from the power cord.

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

PREVENT ACCIDENTS

To reduce the risk of fire, electrical shock, or injury to persons when using your air conditioner, follow basic precautions, including the following:

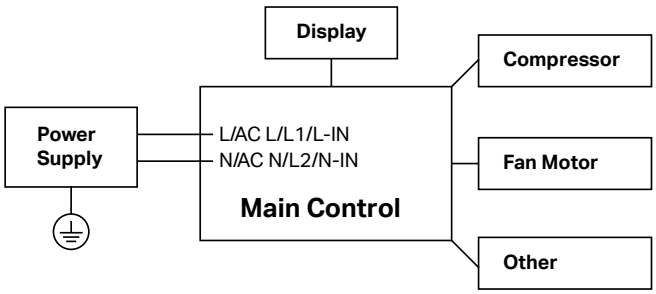
- Be sure the electrical service is adequate for the model you have chosen. This information can be found on the serial plate, which is located on the side of the cabinet and behind the grille.
- If the air conditioner is to be installed in a window, you will probably want to clean both sides of the glass first. If the windowis a triple track type and has a screen panel included, remove the screen completely before installation.
- Be sure the air conditioner has been securely and correctly installed according to the installation instructions in this manual.
- Save this manual for possible future use in removing or installing this unit.

- When handling the air conditioner, be careful to avoid cuts from sharp metal fins on front and rear coils.

ELECTRONIC WORK

⚠ WARNING

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



NOTE: 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 odor.
- 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 43 sq. ft. (4 m^2). Appliance shall not be installed in an unvertilated space, if that space is smaller than 43 sq. ft. (4 m^2).
- 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 carefully when storing or maintaining the appliance to prevent mechanical damage from occurring.
- Servicing should 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. 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 authorizes their competence to handle refrigerants safely in accordance with an industry recognized 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.

CAUTION:
Risk of fire
flammable materials

Explanation of symbols displayed on the unit		
	**CAUTION**	This symbol shows that the operation manual should be read carefully.
	**CAUTION**	This symbol shows that a service professional should be handling this equipment with reference to the installation manual.
	**CAUTION**	This symbol shows that information is available such as the operation manual or installation manual.

⚠ WARNING

For using R32 refrigerant

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

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. **Checking the area**: Prior to beginning work on systems containing flammable refrigerants, safety checks are necessary to ensure that the risk of ignition is minimized. 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 minimize the risk of a flammable gas or vapor 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 should be checked with an appropriate refrigerant 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.

⚠ WARNING

For using R32 refrigerant

5. **Presence of a 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 refrigeration 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 refrigeration equipment:** Where electrical components are being changed, they shall be fit for the purpose and to the correct specification. 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 charge size 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 should be corrected.
   - Refrigeration 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 should 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 should be used. This should be reported to the owner of the equipment, so all parties are advised.
   - Initial safety checks should 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.

SEALED ELECTRICAL COMPONENTS SHALL BE REPLACED

INTRINSICALLY SAFE COMPONENTS MUST BE REPLACED

⚠ WARNING

For using R32 refrigerant

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.

DETECTION OF FLAMMABLE REFRIGERANTS

- Under no circumstances, should 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) should 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 should 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 should 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 pipework.
- If a leak is suspected, all naked flames should be removed/ extinguished. If a leakage of refrigerant is found which requires brazing, all of the refrigerant should 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..

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 is followed since flammability is a consideration.
- The following procedure shall be adhered to:
  - Remove refrigerant
  - 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 should 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.

⚠ WARNING

For using R32 refrigerant

CHARGING PROCEDURES

- In addition to conventional charging procedures, the following requirements should be followed.
  - Ensure that contamination of different refrigerants does not occur when using charging equipment.
  - Hoses or lines should be as short as possible to minimize the amount of refrigerant contained in them.
  - Cylinders should be kept upright.
  - 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 should be taken not to overfill the refrigeration system.
  - Prior to recharging the system, it should be pressure tested with OFN.
  - The system should be leak tested on completion of charging but prior to commissioning.
  - A follow up leak test should be carried out prior to leaving the site.

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 should 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.
- Become familiar with the equipment and its operation.
- Isolate the system electrically.
- Before attempting the procedure ensure that:
  - When breaking into the refrigerant circuit to make repairs or for any other purpose, conventional procedures should be used.
  - 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.
- Pump down refrigerant system, if possible.
- If a vacuum is not possible, make a manifold so that refrigerant can be removed from various parts of the system.
- Make sure that cylinder is situated on the scales before recovery takes place.
- Start the recovery machine and operate in accordance with manufacturer's instructions.
- Do not overfill cylinders. (No more than 80 % volume liquid charge).
- Do not exceed the maximum working pressure of the cylinder, even temporarily.
- When the cylinders have been filled correctly and the process is completed, make sure that the cylinders and the equipment are removed from the site promptly and all isolation valves on the equipment are closed off.
- Recovered refrigerant should not be charged into another refrigeration system unless it has been cleaned and checked.

LABELLING

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

⚠ WARNING

For using R32 refrigerant

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 flammable refrigerants. 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.

IMPORTANT NOTICE:

WARRANTY VOID FOR IMPROPER INSTALLATION

Please note that the warranty for the window air conditioner will be void if it is installed in a wall sleeve through a wall opening that will block any air vents, or any other type of installation method not specified in this user manual.

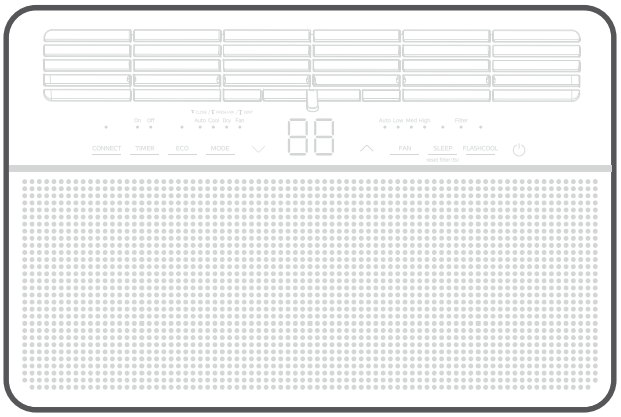
To ensure proper functioning and to maintain the validity of the warranty, it is crucial to strictly adhere to the installation procedure outlined in this user manual. Failure to do so may lead to damage or malfunctioning of the unit.

For detailed instructions on the correct installation process, please refer to the 'Installation Instruction' section of this user manual. Following these guidelines will help guarantee optimal performance and protect your warranty coverage.

If you have any questions or require further assistance, please don't hesitate to contact our customer service team. We are here to help ensure your satisfaction and maximize the longevity of your window air conditioner.

INSTALLATION INSTRUCTIONS

WHAT IS IN THE PACKAGE

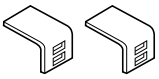


Air Conditioner Unit

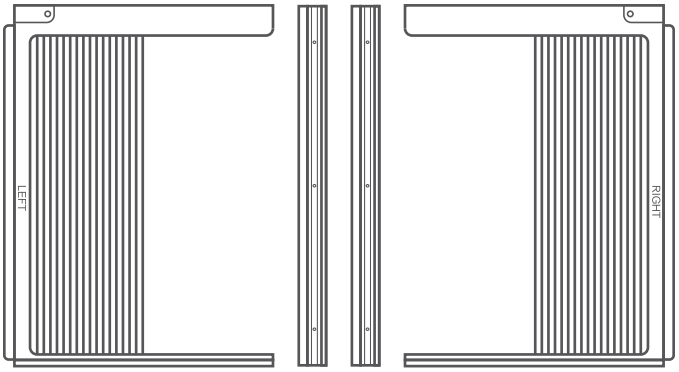
Top Rail and Foam (with glue)

Safety Lock and Foam (with glue)
(for Vinyl-Clad Window)

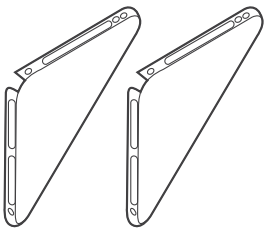
Safety Lock



Sill Angle Bracket



Frame Assembly(Left & Right) and Side Retainer



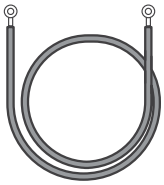
Support Bracket

Cabinet Seal Foam *(with glue)*

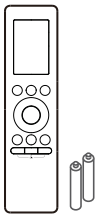
Used for replacing the damaged foam on the cabinet when disassembling and assembling.

Bottom Rail Foam Seal
(with glue)

Window Sash Seal Foam

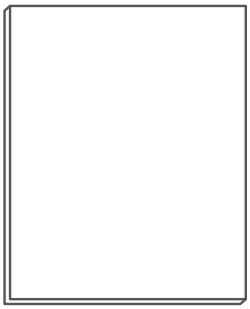


Ground wire



Remote and batteries

Foam insert



R1 Insulation

X2
#1-Flat washer for window panels

X4
#6-Screw (1/2")

X2
#2-Locknut

X10
#7-Screw (1/4")

X4
#3-Locknut

X7
#8-Screw (1/2")

X2
#4-Screw (7/16")

X2
#9-Screw (3/4")

X2
#5-Screw (5/16")

X2
#10-Screw M4x8-Z (5/16")
(Grounding screw)

PREPARE THE FOLLOWING TOOLS

*Tools not included


Gloves

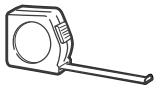

Scissors


Pencil


Drill


Screwdriver


Level


Ruler or tape measure

BEFORE THE INSTALLATION

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

Do NOT install your air conditioner into a wall sleeve or enclosure of any type that interferes with any air vents.

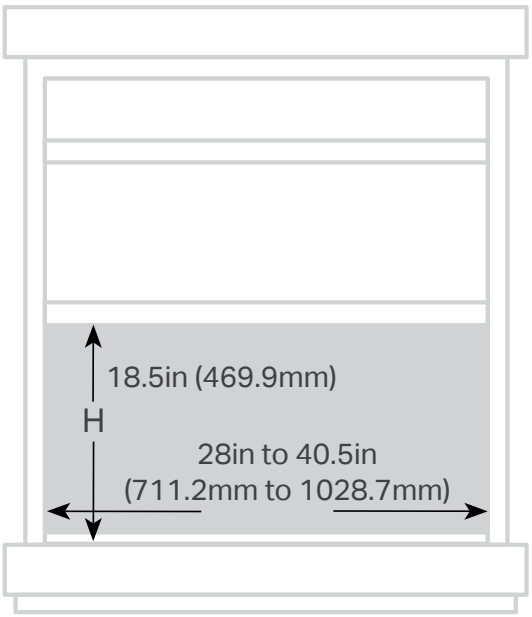
Installing your AC should take about 60 minutes.

We recommend doing this with a helper.

We're here if you need us, please contact Customer Service Mon-Fri for assistance.

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

WINDOW REQUIREMENTS

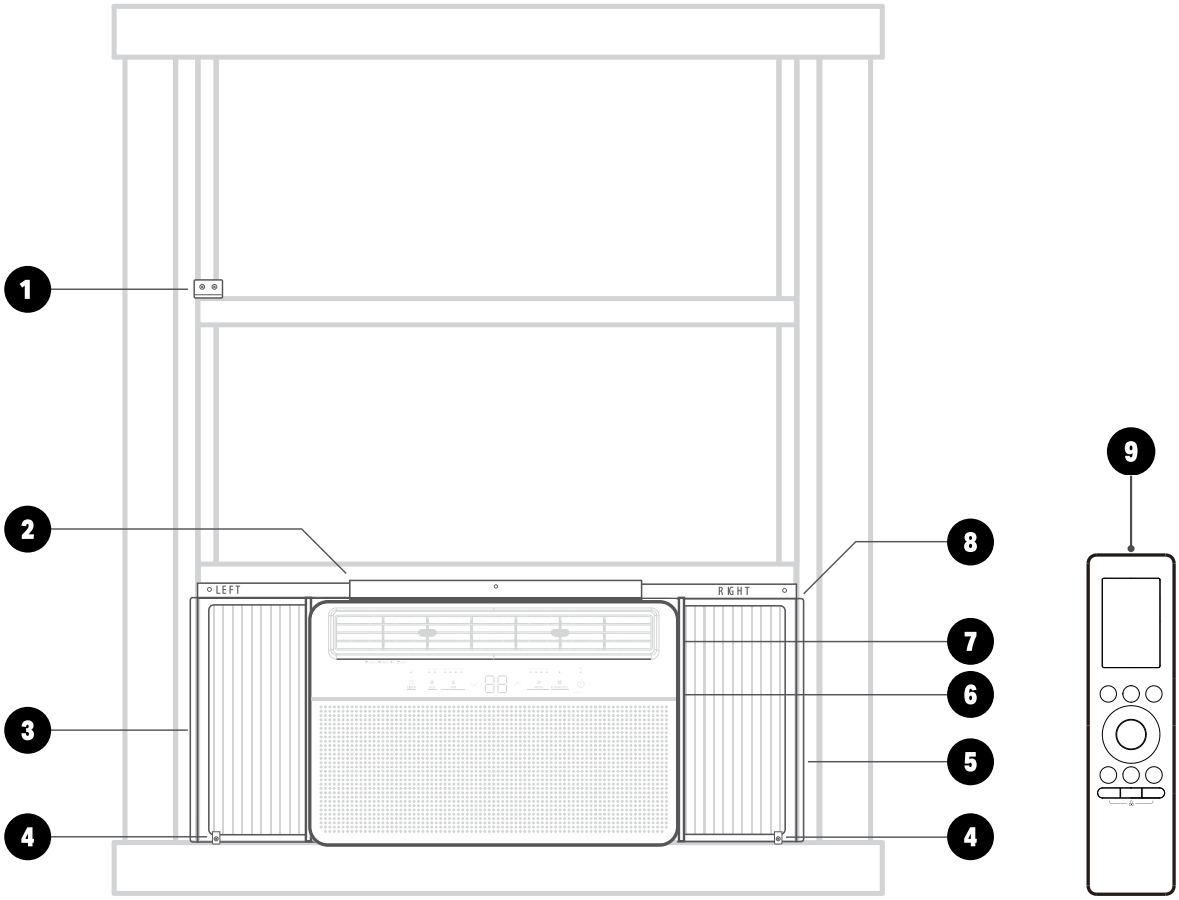


Your air conditioner is designed to install in standard double hung windows with opening widths of 28 to 40.5 inches (711.2 to 1028.7 mm) and a minimum height of 18.5 inches (469.9 mm).

⚠ CAUTION

- DO NOT use a plug adapter, extension cord, or any type of power converter with 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. Where a 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.
- Aluminum house wiring may present special problems- consult a qualified electrician.
- When handling unit, be careful to avoid cuts from sharp metal edges and aluminum fins on front and rear coils.
- The rear of the unit must be outdoors, not inside a building or garage.

INSTALLATION OVERVIEW



❶ Sash Lock and 5/8in Screws	❻ Air Conditioner unit
❷ Top Rail and 3/8in Screws	❼ Side Retainer (both side)
❸ Frame Assembly (Left)	❽ Window Sash Seal Foam
❹ Safety Lock and 5/8in Screw	❾ Remote
❺ Frame Assembly (Right)	

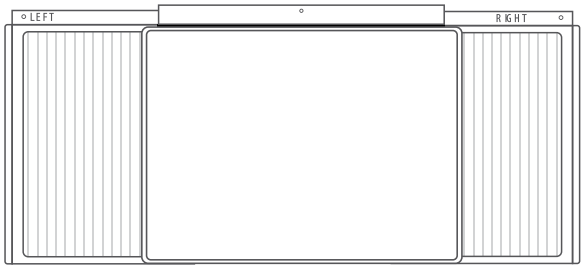
IMPORTANT NOTICE:

WARRANTY VOID FOR IMPROPER INSTALLATION

Please note that the warranty for the window air conditioner will be void if it is installed in a wall sleeve or any other type of enclosure that interferes with any air vents. Failure of proper installation will lead to damage or malfunctioning of the unit.

For detailed instructions on the correct installation process, please refer to the 'Installation' section of this user manual. Following these guidelines will help guarantee optimal performance and protect your warranty coverage.

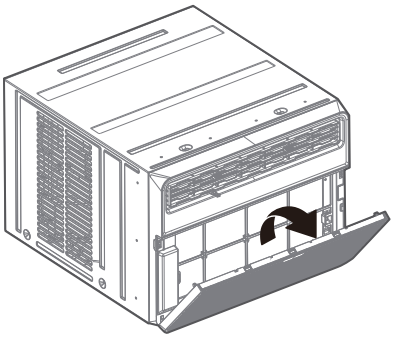
ASSEMBLE YOUR AC CABINET



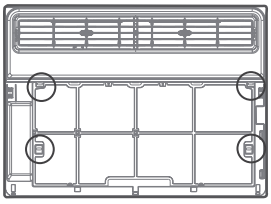
WHAT YOU NEED

STEP 1
REMOVE THE FRONT PANEL FROM THE UNIT

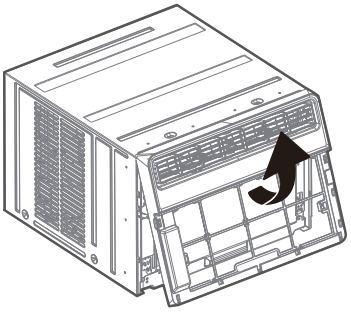
Pull down front grille and remove filter.
Lift front grille upwards and place to one side.



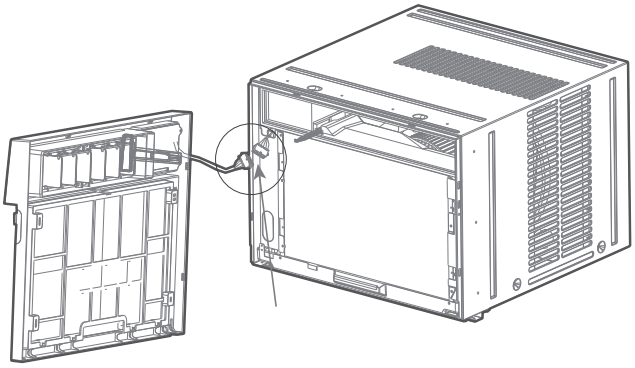
Locate the four front screws and remove. These screws will be needed to re-install the front panel.



Push metal cabinet side to release plastic tabs on each side of front panel. Gently lift front panel off unit

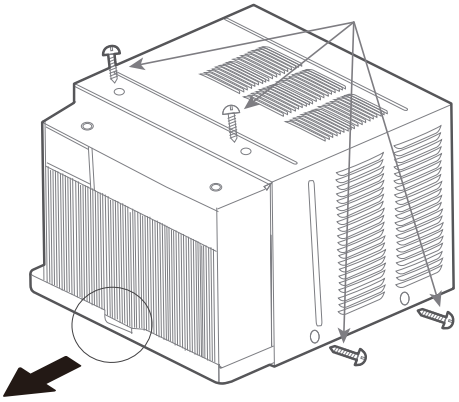


Disconnect the connector plug of the display panel from the unit and place front panel to one side.



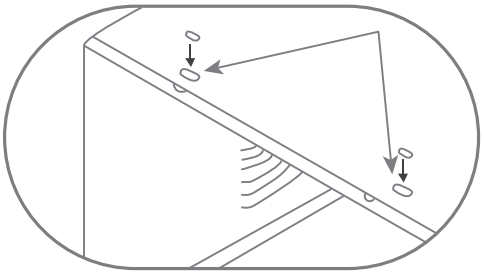
STEP 2
REMOVE AIR CONDITIONER FROM CABINET

Remove shipping screws from top of unit and also on the side by the base if installed.



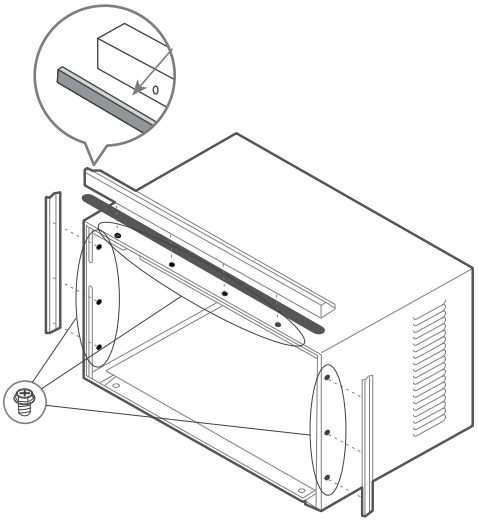
Hold the cabinet while pulling on the base pan handle, and carefully remove the unit.

Add two foam inserts to holes in top of cabinet where shipping screws were removed from.



STEP 3
INSTALL TOP ANGLE AND SIDE BRACKET

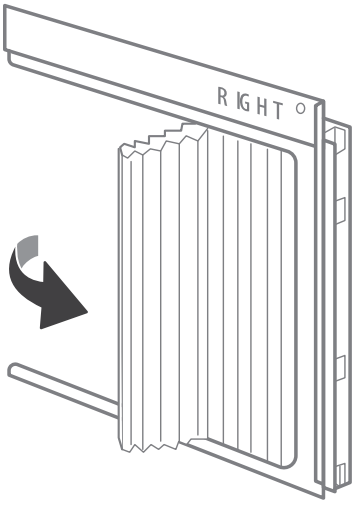
Attach foam gasket to top angle above holes.



Install top angle and side retainers to cabinet (10 screws).

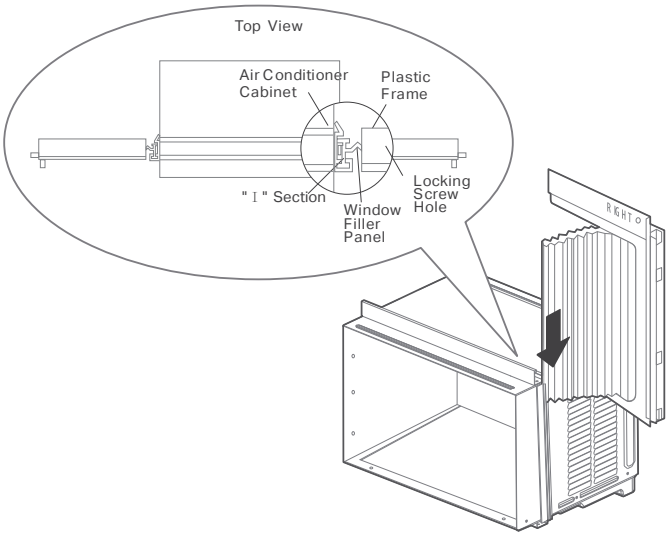
STEP 4
PULL THE PANELS OUT AROUND

Pull the Left & Right window filler Panels out half way around.



STEP 5
INSTALL THE PANELS

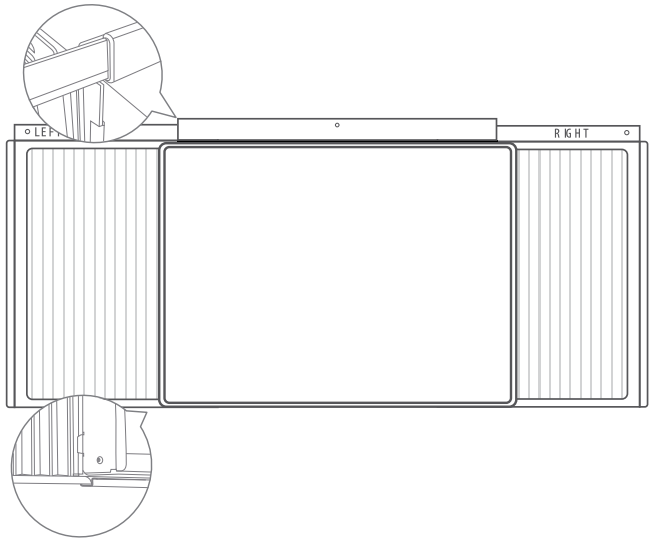
Place cabinet on floor, a bench, or a table. Slide "I " section of window filler panel into side retainer on the both side of the cabinet.



NOTE: Top rail and Sliding Panels at each side are offset to provide the proper pitch to the rear of (5⁄16"). This is necessary for proper condensed water utilization and drainage. If you are not using the Side Panels for any reason, this pitch to the rear must be maintained.

STEP 6
FASTEN THE PANELS TO THE CABINET

Stretch the wind screen outward and insert the upper and lower frame strips of the Panels into the cabinet card slot.



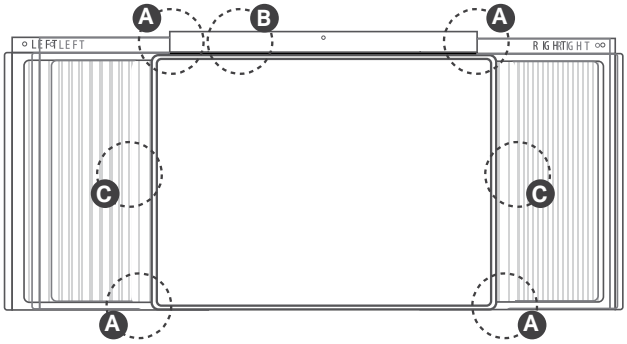
STEP 7
THE CABINET IS DONE

Before you rush to the next installation phase, please first confirm the following installation is in place.

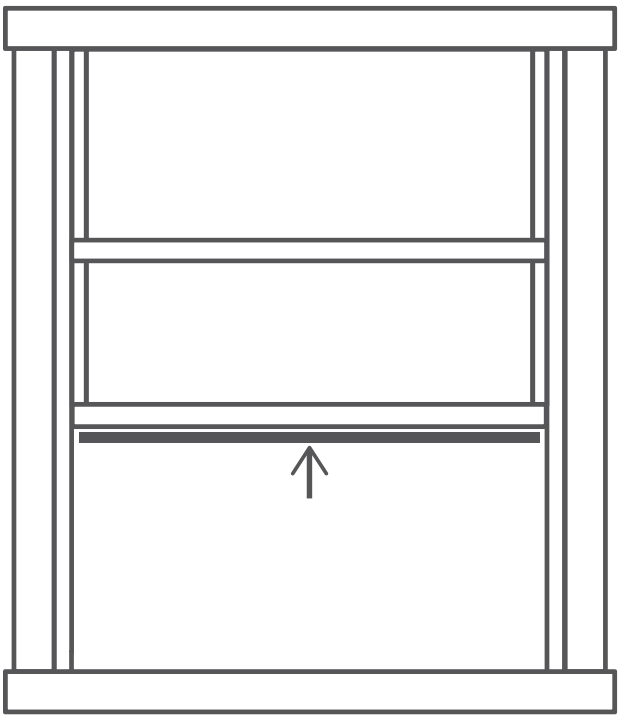
A. Insert the upper and lower frame strips of the panels into the cabinet card slot.

B. Top Rail on the cabinet with 4 Screws.

C. Insert the card slot on the side of the cabinet.



INSULATE YOUR WINDOW

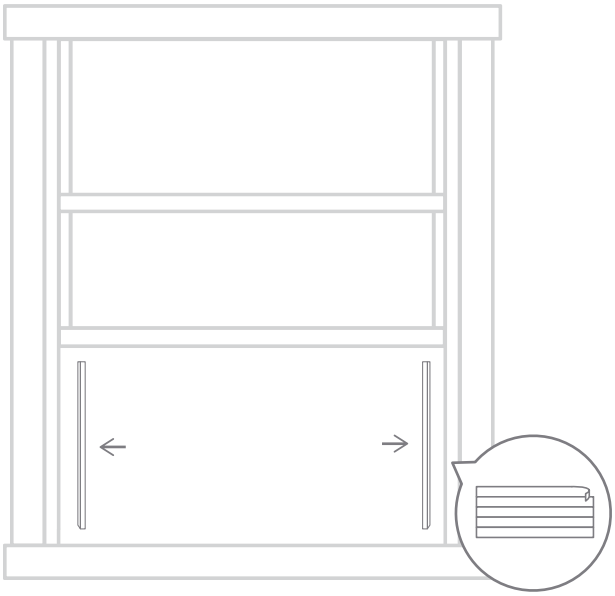


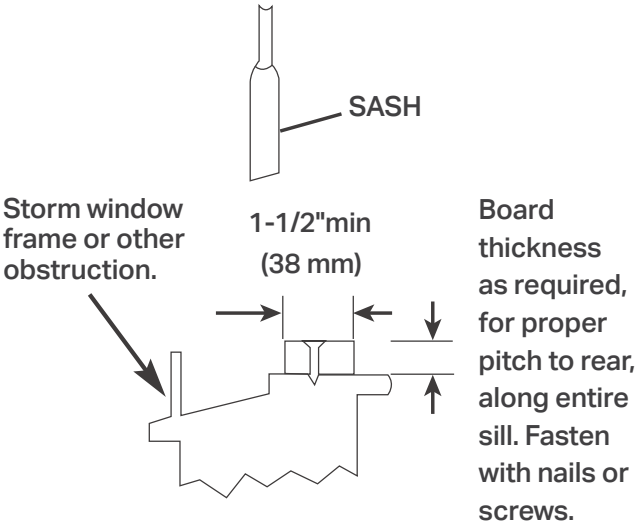
WHAT YOU NEED

STEP 1
INSERT THE FOAM TO THE GAPS

In order to improve the operation of the equipment and reduce the noise generated during operation, you need to foam seal the gaps.

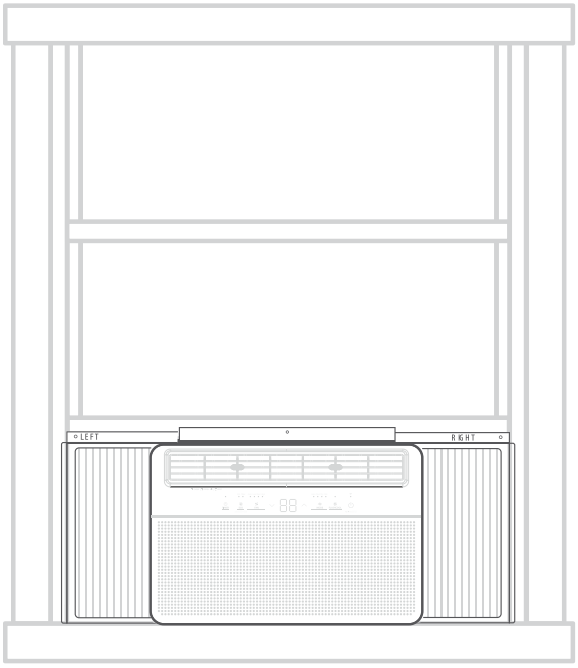
*If your window already has a liner or insulation strip, you can skip the above steps.





⚠ CAUTION If storm window blocks AC, Please install according to the figure above.

INSTALL THE AC IN THE WINDOW

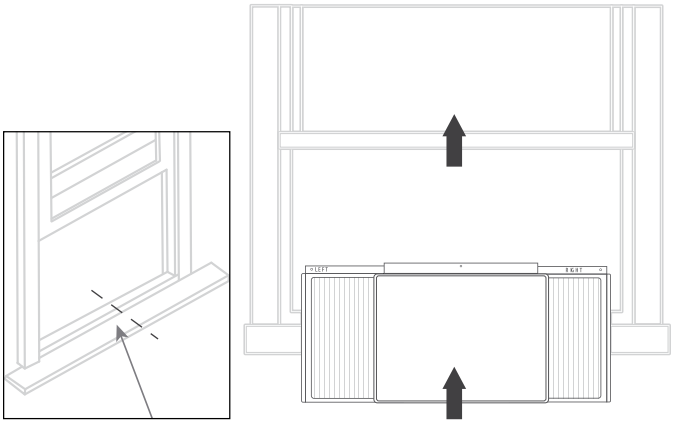


WHAT YOU NEED

STEP 1
PLACE THE ASSEMBLED CABINET ON THE WINDOW FRAME

Mark center of window inner sill.

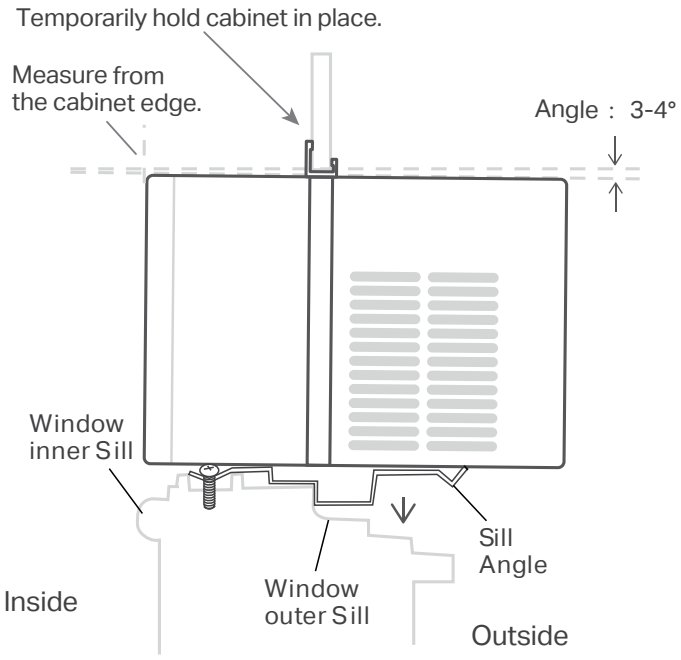
Place cabinet in window with bottom sill angle firmly seated over window sill. Bring window down temporarily behind top angle to hold cabinet in place.



STEP 2
SCREW THE CABINET TO THE WINDOW SILL (Wooden Window or Vinyl-Clad Window)

Shift cabinet left or right as needed to line up center of cabinet on center line marked on inner sill.

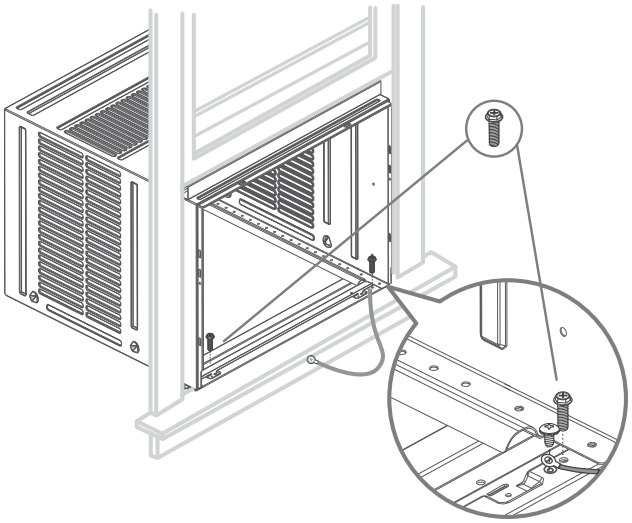
Bring window down temporarily behind top angle to hold cabinet in place.



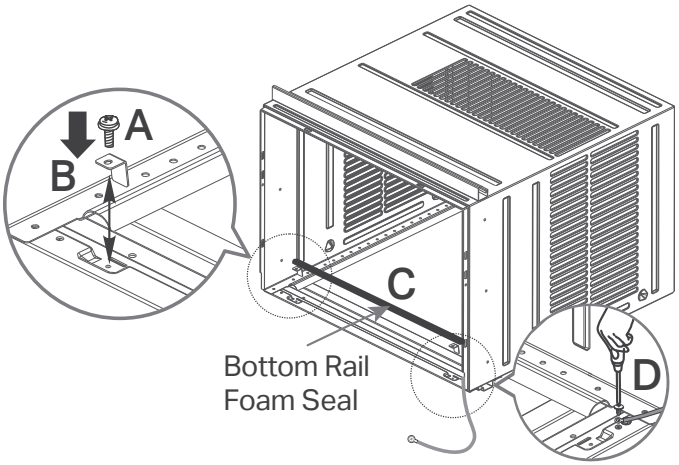
Screw the cabinet to the sill according to the type of window you have. #8- Screw

Screw the ground wire on the cabinet. #10- Screw

For wooden window
Fasten cabinet to window inner sill with two screws (#6) into holes (You may wish to pre-drill pilot holes).



For Vinyl-Clad window
Place two safety locks into the holes located in the bottom of the cabinet and drive two #5-Screw locking screws through the safety locks into the cabinet.



Apply Bottom Rail Foam Seal (#C) over screws fastening bottom rail to window inner sill. Screw the ground wire on the cabinet .

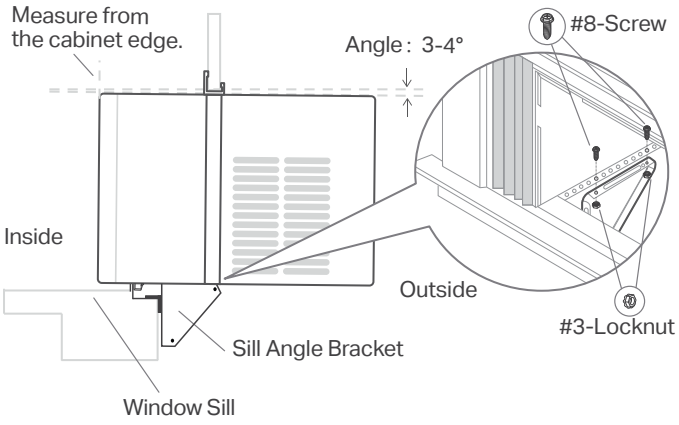
- **A.** #5-Screw
- **B.** Safety Lock (Only for Vinly-Clad window)
- **C.** Bottom Rail Foam Seal
- **D.** Ground wire and #M4x8-Z screw

STEP 3
INSTALL THE SILL ANGLE BRACKET AND SUPPORT BRACKET

Hold each support bracket flush against outside of sill, and tight to bottom of cabinet as shown.

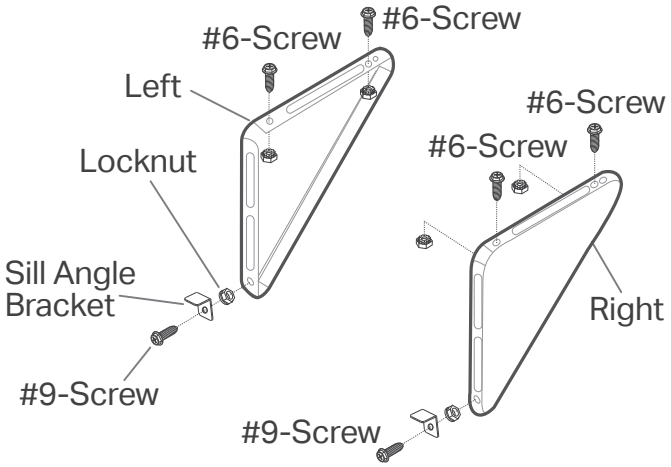
Mark brackets at top level of sill and remove.

Assemble sill angle bracket to support brackets at the marked position (both sides).



Hand tighten, but allow for any changes later.

Install support brackets (with sill angle brackets attached) to correct hole in bottom of cabinet. Tighten all 6 bolts securely.



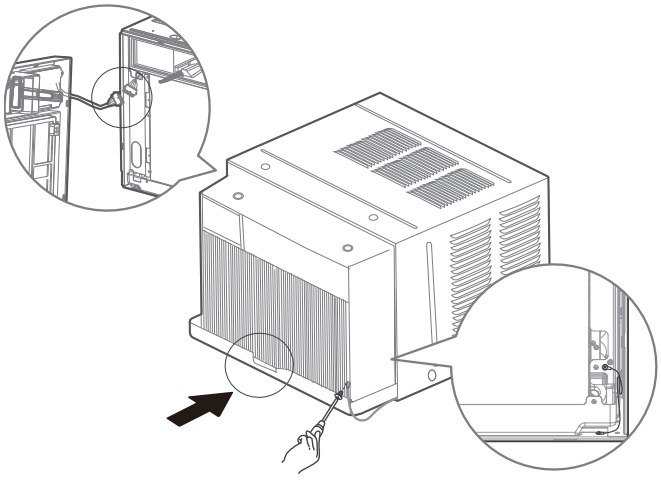
NOTE: Check that air conditioner is tilted back about 1¼" to 1⅝" (tilted about 3° to 4° downward to the outside). After proper installation, condensate should not drain from the overflow drain hole during normal use, correct the slope otherwise.

STEP 4
INSTALL CHASSIS INTO CABINET AND INSTALL FRONT PANEL TO UNIT

Lift air conditioner and carefully slide into cabinet leaving 6 inches protruding.

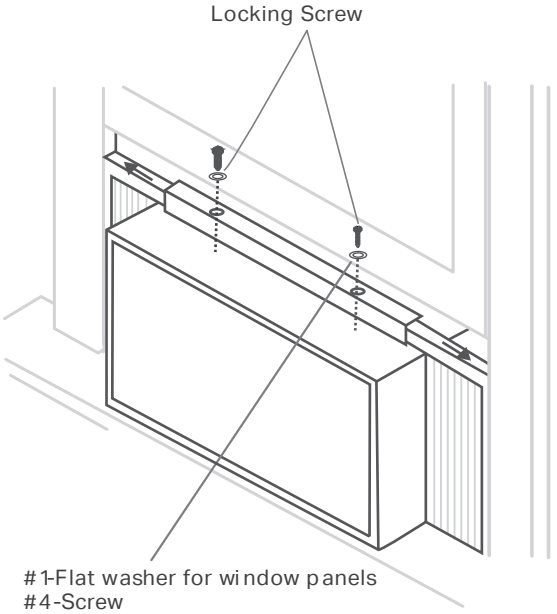
DO NOT push on controls or finned coils.

Be sure chassis is firmly seated towards rear of cabinet. Installation of front is the reverse of removal outlined in Step 1.



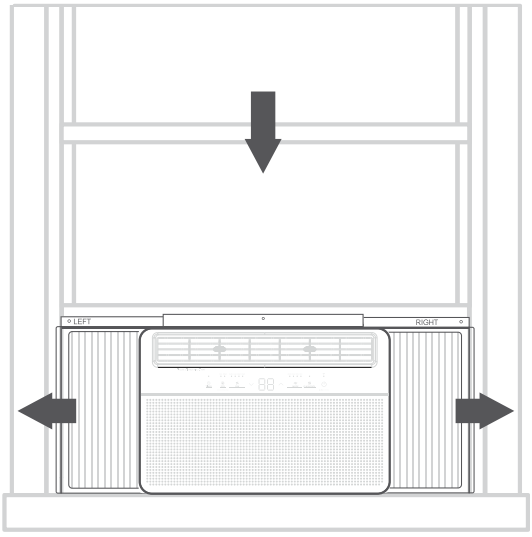
STEP 5
EXTEND WINDOW FILLER PANELS

Carefully raise window to expose filler panel locking screws. Loosen screws so filler panels slide easily. Extend panels to fill window opening completely. Tighten locking screws on top Close window behind top angle.



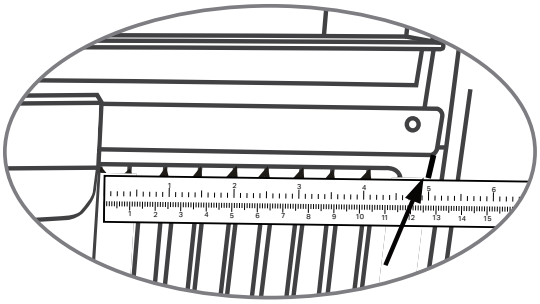
STEP 6
CLOSE THE WINDOW DOWN ONTO THE AC, AND PULL THE PANELS TO THE SIDE OF THE WINDOW

Once the AC is centered and the bottom bar is successfully positioned, close the window down onto the AC, behind the top bar. See diagram above. Pull the panels to the side of the window.



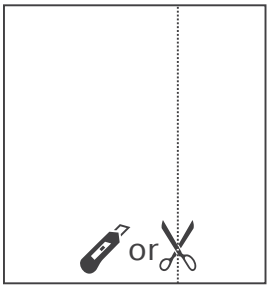
STEP 7
INSTALL R1 INSULATION

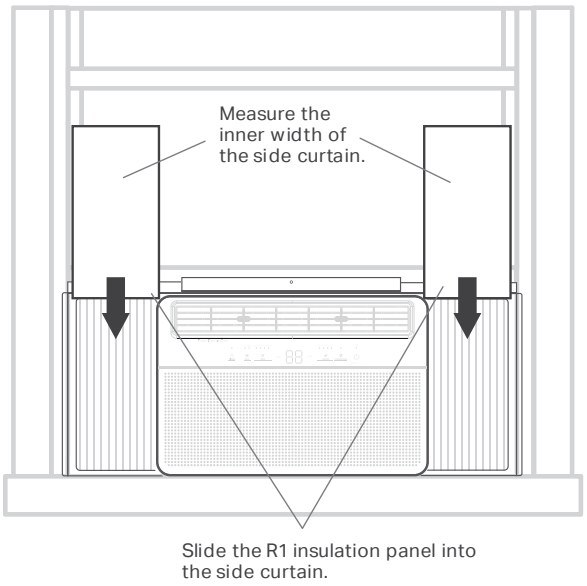
In order to minimize air leaks and ensure optimal insulation, it is necessary to install the included R1 Insulation to the side curtain. Follow the instructions below.



After the unit is installed to the window, measure the inner width of the side curtain.

Cut the R1 fitting according to the measured width, and the width is measured in units of every 1/8" (3mm).



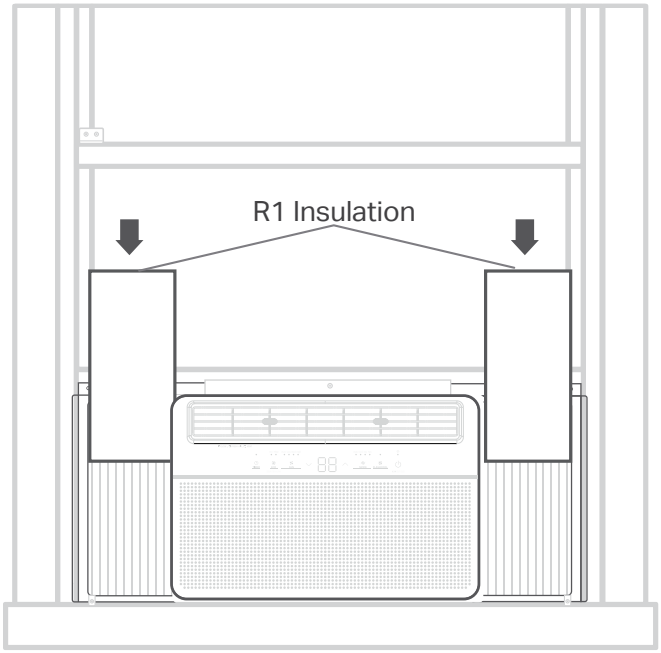


Finally, Repeat on the other side.

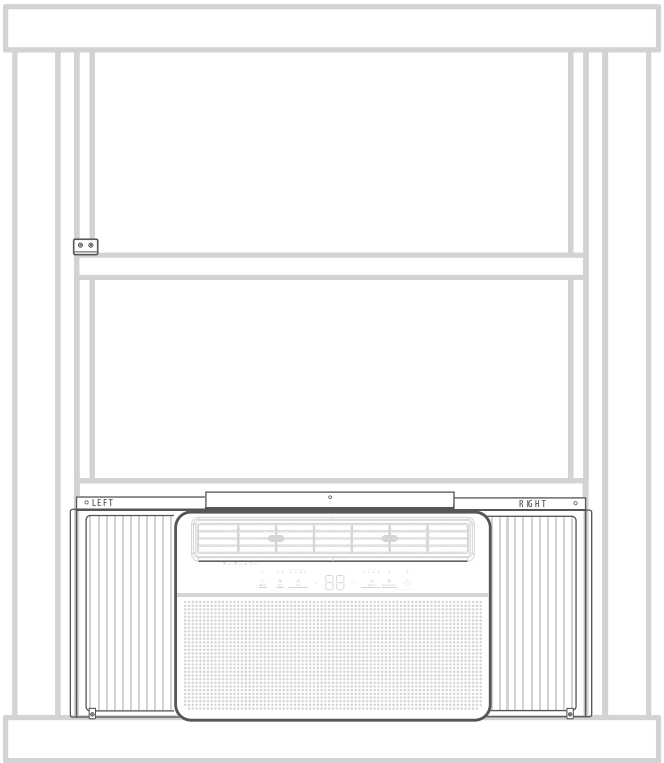
STEP 8
INSTALL WEATHER STRIPPING

Slide the R1 insulation panel into the side curtain, the side with pattern should facing the indoor.

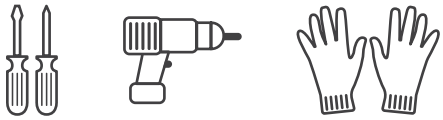
Repeat on the other side.



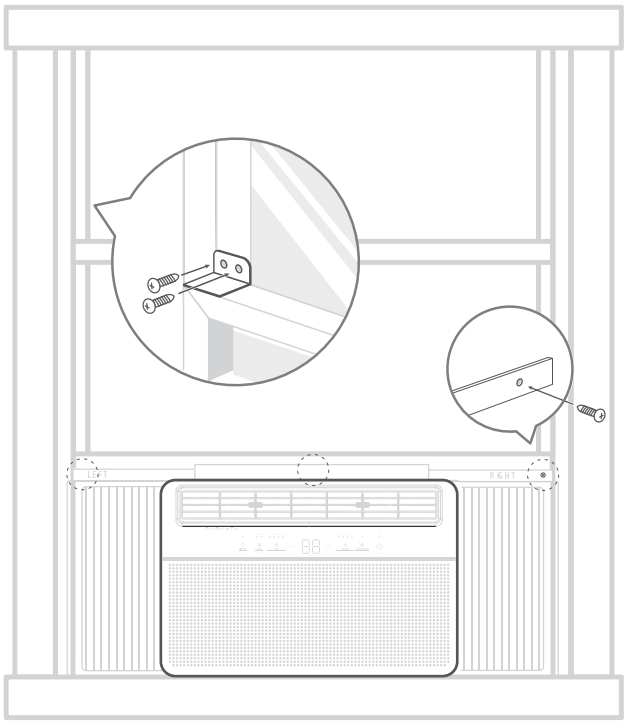
SECURE THE AC



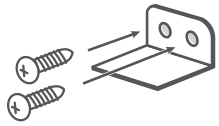
WHAT YOU NEED



STEP 1
DRIVE LOCKING SCREWS

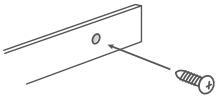


Drive #8-Screw locking screws through the frame lock and into the sill (Only wooden windows).



NOTE: To prevent window sill from splitting, drill 1/8" (3mm) pilot holes before driving screws.

Drive #8-Screw locking screws through the frame lock and into the window sash (Only Vinyl-Clad windows).

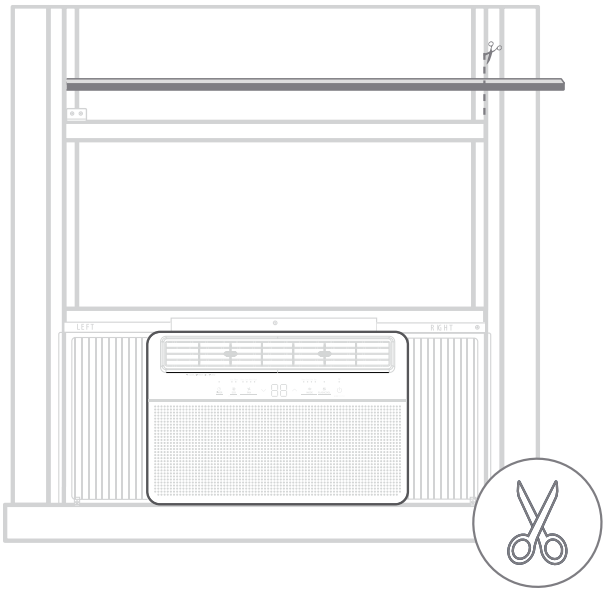


1/8 " (3mm) pilot holes before driving screws. Drive #8-Screw locking screws through frame holes into window sash (Only wooden windows:).

THE FINAL DETAILS

STEP 1
CUT THE WINDOW SASH SEAL FOAM TO FIT THE WIDTH OF YOUR WINDOW

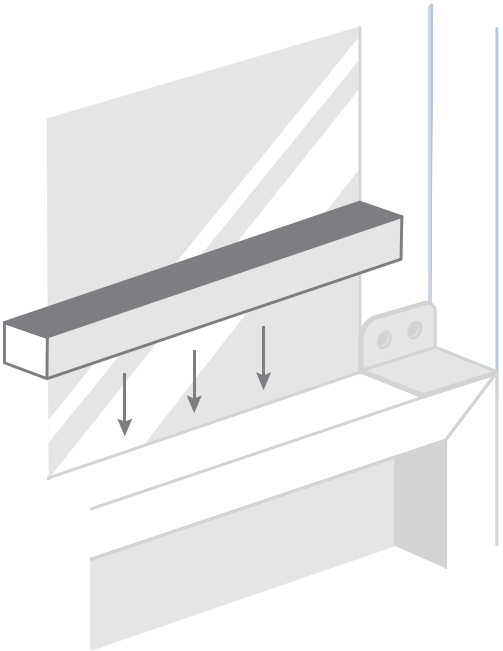
Measure and cut the foam to be the width of your window from the left to right side.



STEP 2
USE THE WINDOW SASH SEAL FOAM TO FILL THE GAPS IN YOUR WINDOW

Stu it between the gap of the upper and lower sashes of your window.

This will plug any air gaps and help keep out bugs and draft.



ONE MORE THING

STEP 1
IF AC IS BLOCKED BY STORM WINDOW

Add wood as shown in Caution illustration on page 16, or remove storm window before air conditioner is installed. If Storm Window Frame must remain, be sure the drain holes or slots are not caulked 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 safety sash lock. Remove screws installed through frame and frame- lock. Keeping a firm grip on air conditioner, raise sash and carefully remove. Be carefully not to spill any remaining water while lifting unit from window. Store parts with air conditioner.

STEP 2
NORMAL SOUNDS

High Pitched Chatter

High efficiency compressors may have a high pitched chatter during the cooling cycle.

Sound of Rushing Air

At the front of the unit, you may hear the sound of rushing air being moved by the fan.

Gurgle/Hiss

“Gurgling or hissing” noise may be heard due to refrigerant passing through evaporator during normal operation.

Vibration

Unit may vibrate and make noise because of poor wall or window construction or incorrect installation.

Pinging or Switching

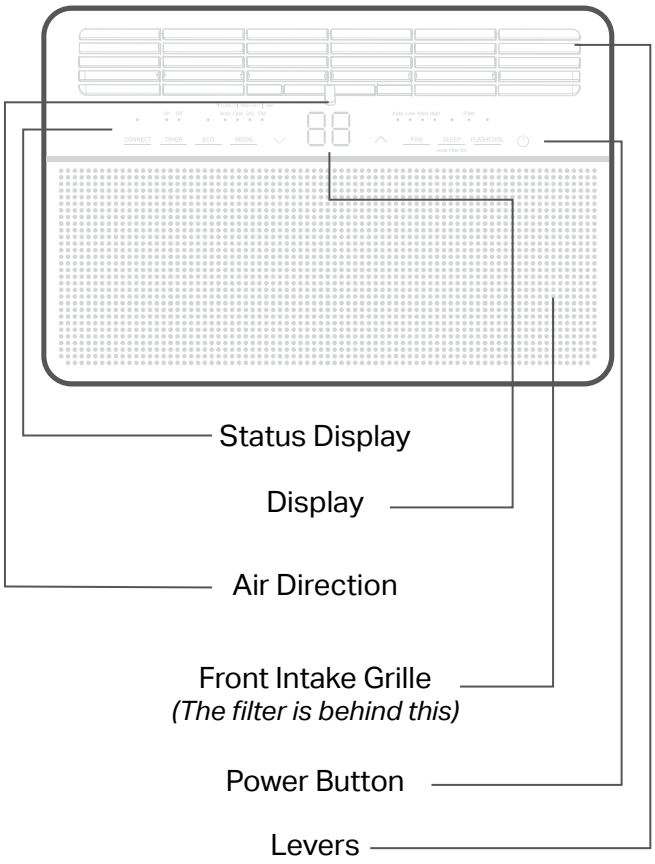
Droplets of water hitting condenser during normal operation may cause “pinging or swishing” sounds. This noise can be reduce by removing the water plug at the bottom of unit’s rear as shown below. Removing this plug will lower the Energy Efficiency of your unit.

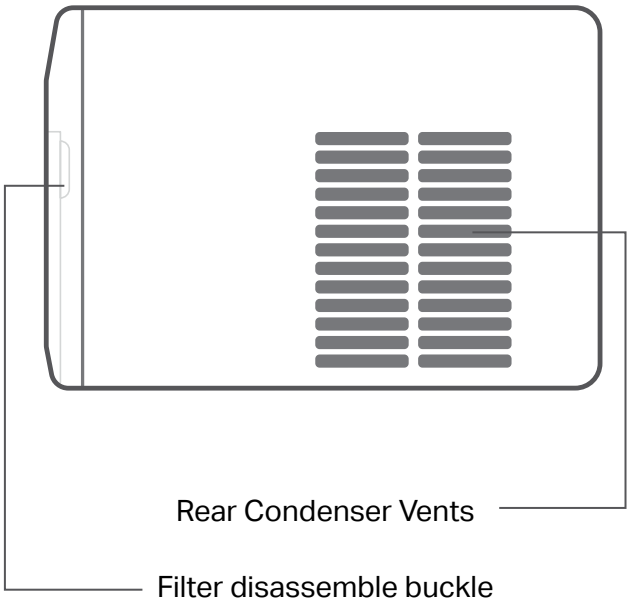
NOTE: DO NOT drill holes into the bottom of the unit. This is dangerous and will void the warranty.

OPERATION INSTRUCTIONS

GET TO KNOW YOUR AC

NOTE: The following two types of product appearance for reference only, The machine you purchase may be a little different.

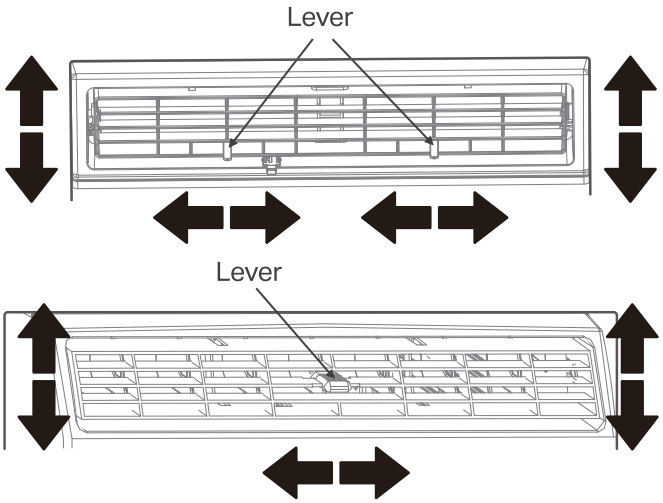




ADJUST YOUR AC DIRECTION

⚠ CAUTION Do not stick your fingers in the air outlet, it may cause an injury.

FOUR-WAY ADJUSTMENT (UP OR DOWN, LEFT OR RIGHT)

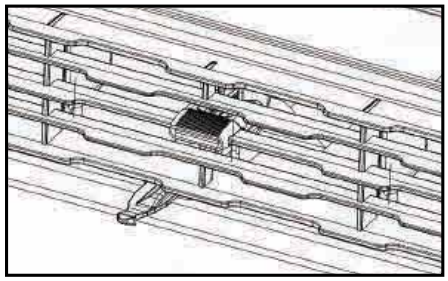


The louvers will allow you to direct the air flow Up or Down and Left or Right throughout the room as needed. Pivot horizontal louvers until the desired Up/Down direction is obtained. Move the Lever(s) from side to side until the desired Left/Right direction is obtained.

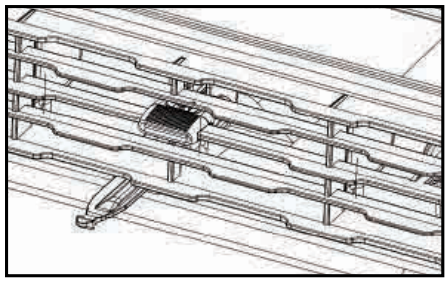
FRESH AIR VENT CONTROL

The Fresh Air Vent allows the air conditioner to:

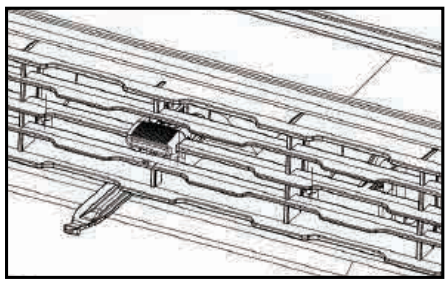
1. Recirculate inside air - Vent Closed ***(Fig.A)***



2. Draw fresh air into the room - Vent Open Knob is half extended. ***(Fig.B)***



3. Exchange air from the room and draws fresh air into the room - Vent and Exhaust Open Knob is fully extended. ***(Fig.C)***



NOTE: Opening the Fresh Air Vent/Exhaust will introduce humidity into the room, so it is not recommended for use in Cool, Auto, and Dry modes, as this will affect the unit's efficiency. This option is best used in Fan mode on low-humidity days to circulate fresh air.

GET TO KNOW THE FEATURES

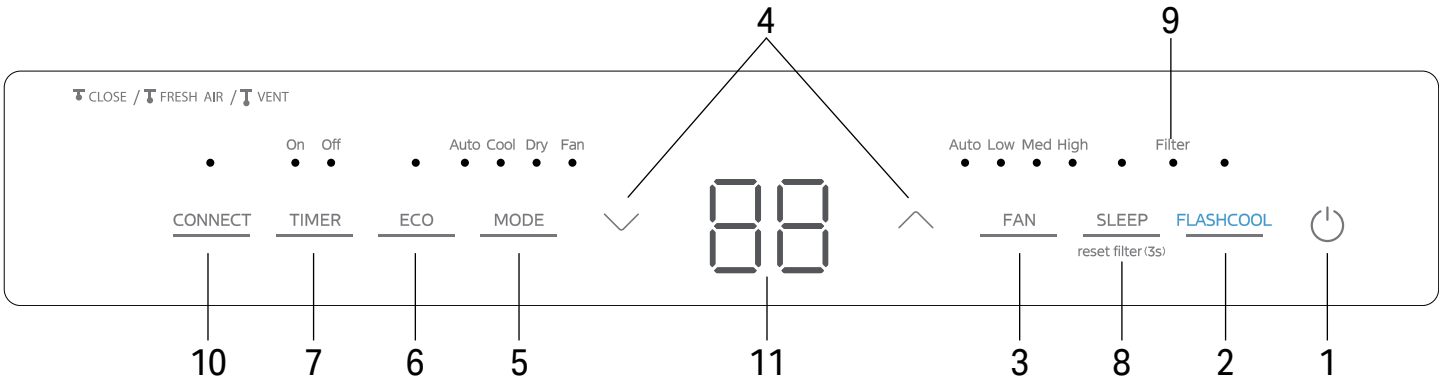
⚠ WARNING

- To reduce the risk of fire, electric shock, or injury to persons, read the IMPORTANT SAFETY INSTRUCTIONS before operating this appliance.
- Please always wait 3 minutes when turning unit off then on again, and when changing from cool to fan and back to cool. This prevents compressor from overheating & possible circuit breaker tripping.

ELECTRONIC CONTROL OPERATING INSTRUCTIONS

NOTE:

- Different models have different control buttons and indicator lights. Not all the control buttons and indicator lights describing below are available for the unit you purchased. Please check the control panel of the unit you purchased. The unit can be controlled by the unit control alone or with the remote.
- The outline of the operation panel is based on typical model, the function is the same with your air conditioner while some difference may exist in appearance.



1. TO TURN UNIT ON OR OFF

Press ⏻ POWER button to turn unit on or off.

NOTE: When the unit is powered on, ECO mode will activate automatically. To turn off ECO mode, press the ECO button.

2. FLASHCOOL FUNCTION:

Press this button to initiate the FlashCool function. FlashCool provides maximum cooling and sets the fan to the highest speed. The unit will operate in this mode until change mode, adjust fan speed or the function is turned off. The unit will then return to normal cooling operation with the fan speed set to high.

NOTE: If you use remote to enter in flashcool , you have to set cool mode first of the remote

3. TO ADJUST FAN SPEEDS

Press Fan button to select the Fan Speed in four steps-AUTO, LOW, MED or HIGH. Each time the button is pressed, the fan speed mode is shifted.

During dry mode the fan speed is set to low and cannot be adjusted.

4. TO CHANGE TEMPERATURE SETTING

Press ﹀ or ﹀ button to change temperature setting.

NOTE: Press or hold either ﹀ or ﹀ button until the desired temperature is shown on the display. This temperature will be automatically maintained anywhere between 60°F (17°C) and 86°F (30°C). If you want the display to read the actual room temperature, set the machine to Fan Mode.

5. 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 beside will be illuminated and remained on once the mode is selected. The unit will initiate automatically the Energy Saver function under COOL, DRY, AUTO (only Auto-Cooling and Auto-Fan) modes.

To operate on COOL mode

- Choose Cool Mode to set the cooling function. Use the ﹀ or ﹀ buttons to choose the desired temperature. When Cool Mode is selected, the fan speed can be adjusted by pressing the fan button.

To operate on AUTO mode

- Auto Mode is designed to automatically regulate the room temperature around the temperature point set by you. This means that once you have set the desired temperature, the air conditioner will rotate between modes accordingly to maintain that temperature point.
- In this mode, the fan speed cannot be adjusted, it starts automatically at a speed according to the room temperature.

To operate on FAN ONLY mode

- Use this function only when cooling is not desired, such as for room air circulation or to exhaust stale air. (Remember to open the vent during this function, but keep it closed during cooling for maximum cooling efficiency.)
- During Fan Mode:
  - You may chose any fan speed.
  - The display will show the actual room temperature.
  - The temperature will not be adjustable.

To operate on DRY mode

- In this mode, the air conditioner will generally operate in the form of a dehumidifier. Since the conditioned space is a closed or sealed area, some degree of cooling will occur.
- In Dry Mode, the fan speed is automatically set to Low and cannot be adjusted.

6. ENERGY SAVER/ECO FEATURE

Press Energy Saver/ECO 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 3 minutes after the compressor shuts off. 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 starts.

When the unit is powered on, ECO mode will activate automatically. To turn off ECO mode, press the ECO button.

ECO mode will automatically turn off when the unit is placed in Fan Only mode.

7. TIMER: AUTO START/STOP FEATURE

- Press Timer button, the TIMER ON or TIMER OFF indicator light illuminates. It indicates the Auto Start or Auto Stop program is initiated. For some units, keep pressing the Timer button will cancel the timer settings.
- Press or hold the ﹀ or ﹀ 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.)
- 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.

8. SLEEP FEATURE

Press Sleep button to initiate the sleep mode. In this mode the selected temperature will increase (cooling) or decrease (heating) by 2°F/1°C 30 minutes after the mode is selected.

The temperature will then increase (cooling) or decrease (heating) by another 2°F/1°C after an additional 30 minutes. This new temperature will be maintained 7 hours before it returns to the originally selected temperature.

This ends the Sleep mode and the unit will continue to operate as originally programmed. The Sleep mode program can be cancelled at any time during operation by pressing the Sleep button again.

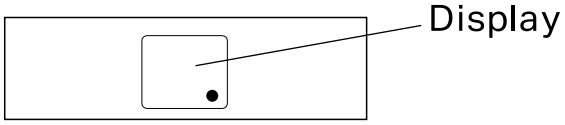
9. CHECK FILTER FEATURE

This feature is a reminder to clean the Air Filter for more efficient operation. The LED (light) will illuminate after 250 hours of operation. To reset after cleaning the filter, press the SLEEP button for 3 seconds and the filter light will turn off.

10. CONNECT BUTTON

Press CONNECT button for 3 seconds to initiate the Wireless connection mode. See the wireless app manual for detailed instructions on how to pair your device and use the app.

11. DISPLAY



Shows the set temperature in "°F" or "°C" and the Auto-timer settings. While on Fan only mode, it shows the room temperature.

If the room temperature has more than two digits and cannot be displayed on the screen, it will display "HI" or "LO".

Error codes:

The unit may stop operation or continue to run safely. If the error codes appear, wait for about 10 minutes. The problem may resolve itself. If not, disconnect the power, then connect it again. Turn the unit on.

If the problem persists, disconnect the power and contact your nearest customer service center.

Error code appears and begins with the letters as the following in the window display of indoor unit:

EH (xx) , EL (xx) , EC (xx) , PH (xx) ,
PL (xx) , PC (xx), HI.

NOTE: If your problem persists after performing the checks and diagnostics above, turn off your unit immediately and contact an authorized service center.

NOTE: When the unit is operating under high temperature, the fan speed may be increased to ensure that the machine can operate normally. At extreme high temperature, the fan speed is forced to the maximum fan speed, if you want to adjust the fan speed, 'HI' may display for 3 seconds for some units.

⚠ **CAUTION** If the unit breaks off unexpectedly due to the power cut, it will restart with the previous function setting automatically when the power resumes.

ADDITIONAL THINGS YOU SHOULD KNOW

Now that you have mastered the operating procedure, here are more features in your control that you should become familiar with.

- The system has an automatic 3-minute time delay when the unit is turned off and quickly turned back on. This feature prevents compressor overheating and potential circuit breaker tripping, while allowing the fan to continue running during this period.
- The control is capable of displaying temperature in degrees Fahrenheit or degrees Celsius. To convert from one to the other, press and hold the ∨ or ∧ buttons at the same time for 3 seconds.

CARE & MAINTENANCE

CHECK THE AIR FILTER ONCE A MONTH TO SEE IF CLEANING IS NECESSARY

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

If the area usually has high air particle pollution, for example animal fur or smoking, the filter will need to be checked and cleaned more often.

To clean the filter:

- Push the vent handle to the Vent Closed position (where applicable). Open the front panel.
- Grip the tab on the filter and lift it up, then pull it out.
- Wash the filter using liquid dish washing detergent and warm water. Rinse filter thoroughly. Gently shake excess water from the filter. Be sure the filter is thoroughly dry before replacing.
- You can vacuum the filter clean as an alternative to washing.

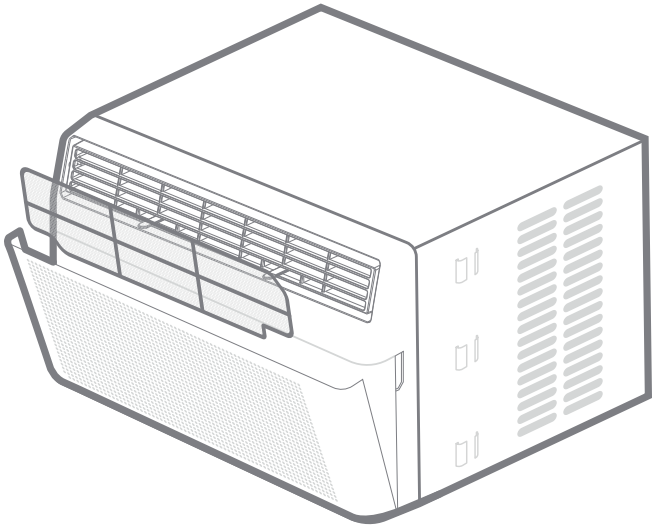
NOTE: Never use hot water over 104°F (40°C) to clean the air filter. Never attempt to operate the unit without the air filter.

⚠ CAUTION

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

⚠ CAUTION

If you plan to store the air conditioner during the winter, remove it carefully from the window according to the installation instructions. Cover it with plastic or return it to the original carton.



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 dish washing 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 may cause damage to the air conditioner.
- Plug in air conditioner.

TROUBLESHOOTING

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

Problem	Solution
AIR CONDITIONER DOES NOT START.	Wall plug disconnected. Push plug firmly into wall outlet.
	House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker. If you continue to experience the same issue, please contact a certified electrician.
	If the plug's current protection device has tripped, press the reset button on the plug to restore power. If the device continues to trip after resetting, please discontinue use and contact a certified electrician or our customer service for further assistance.
	Be sure the unit is plugged directly into the wall outlet. Never use a plug adapter, extension cord, or other power converter.
	Power is OFF. Turn power ON.
AIR FROM UNIT DOES NOT FEEL COLD ENOUGH.	Room temperature below 60°F (16°C). Cooling may not occur until room temperature rises above 60°F (16°C).
	If the temperature sensor behind the air filter element is touching the cold coil, unplug the machine and gently bend the sensor towards you so it is not touching the coils. For more assistance, please call our customer service line.
	Set to a Lower temperature.
	If the compressor stops when changing modes, please wait for 3 minutes after setting the unit to COOL mode. This delay allows the compressor to stabilize and resume normal operation.
AIR CONDITIONER COOLING BUT ROOM IS TOO WARM - ICE FORMING ON COOLING COIL BEHIND DECORATIVE FRONT	Outdoor temperature is below 64ºF (18ºC). To defrost the coil, set to FAN only mode.
	Air filter may be dirty. Clean filter. Refer to Care and Cleaning section. To defrost, set to FAN only mode.
	Thermostat is set too cold for night-time cooling. To defrost the coil, set to FAN only mode. Then, set temperature to a higher setting.
AIR CONDITIONER COOLING BUT ROOM IS TOO WARM - NO ICE FORMING ON COOLING COIL BEHIND DECORATIVE FRONT	Dirty air filter- air restricted. Clean air filter. Refer to Care and Cleaning section.
	Turn off ECO 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 units is blocked by drapes, blinds, furniture, etc. - restricts air distribution. Clear blockage in front of unit.
	An open doors, windows,or register may allow cold air to escape. Close any doors, windows, or registers.
	If the room remains too warm, please allow additional time for the air conditioner to remove the stored heat in the walls, ceiling, floor, and furniture.
AIR CONDITIONER TURNS ON AND OFF RAPIDLY	A dirty air filter can restrict airflow and cause a false reading. Please clean the air filter to restore proper airflow and ensure optimal performance.
	When the outside temperature is extremely hot, set the fan speed to a higher setting to increase airflow over the cooling coils. Ensure all doors are closed, and address any warm air drafts from under doors and window frames with draft guards and other insulation methods.

TROUBLESHOOTING *(Continued)*

Problem	Solution
NOISE WHEN UNIT IS COOLING	Air movement sound. This is normal . If too loud, set to a lower FAN setting.
	If you notice window vibration, it may be due to improper installation. Please verify that the air conditioner is securely and correctly installed according to the provided instructions. Refer to installation instructions or check with installer.
	The system is self-evaporative, so the fan outside the window may produce a splashing noise. If you prefer not to hear this noise, you can remove the rear-side drain plug; however, doing so may reduce cooling efficiency. Always install the unit with a 3°–5° backward slope. (See Installation Instructions). DO NOT drill holes into the bottom of the unit. This is dangerous and will void the warranty.
NOISE WHEN UNIT IS WORKING	When you use the low fan speed mode to start the unit due to the compressor being hot the sound of the compressor may be more prominent lasting for about 3 minutes. It is normal.
	A"da-da" sound may occur for thirty seconds when the unit is turned on due to the compressor starting. It is normal.
WATER DRIPPING INSIDE WHEN UNIT IS COOLING.	Always install the unit with a 3°–5° backward slope, ensuring the correct angle with a leveling tool (not included). You can remove the rear-side drain plug to allow drainage during very heavy rainfall or humid days; however, doing so may reduce cooling efficiency. (See Installation Instructions)
	Make sure that there is no debris blocking the drainage area of the unit.
WATER DRIPPING OUTSIDE WHEN UNIT IS COOLING.	Unit is removing a large quantity of moisture from a humid room. This is normal during excessively humid days.
	Condensation dripping from the outside of the machine on hot days is normal.
REMOTE SENSING / FOLLOW ME DEACTIVATING PREMATURELY	Remote control not located within range. Place remote control within 20 ft and 180º radius of the front of the unit.
	Remote control signal obstructed. Remove obstruction.
ROOM TOO COLD	Set temperature too low. Increase set temperature.
AIR CONDITIONER SMELLS OR DEAD BUGS INSIDE AIR CONDITIONER	Ensure your air conditioner is installed with a 3°–5° backward slope (see Installation Instructions). Check the slope with a leveling tool (not included), as improper leveling can cause stagnant water, which may lead to unpleasant odors.
	Other common items and conditions in your environment that can attract bugs include but limited to: smoking inside, pet dander/fur, standing water (such as ponds, rainwater barrels, toys and buckets left outside, inactive water fountains, puddles, birdbaths, clogged gutters, and poorly drained areas), nearby overripe fruit or fallen fruits/nuts from trees and berry bushes, uncovered or overflowing trash bins and garbage cans, improperly maintained compost piles, outdoor lighting (especially bright or white bulbs), dense vegetation (including overgrown grass, weeds, shrubs, and untrimmed hedges), wood piles or stacks of firewood and lumber, pet food and water bowls left outside with leftover food or standing water, flowering plants that are nectar-rich, leaf litter and garden debris (including accumulated leaves and mulch), areas where animals can nest or leave droppings (such as roof overhangs, soffits, or low branches), cracks and crevices in walls or foundations, moist soil and poorly drained areas, and unmowed lawns and tall grass.

NOTE: A highly recommended general troubleshooting step is to turn off the unit and unplug it for 5 minutes. It is also recommended to try another wall outlet. For further assistance, contact customer service at 844-472-2473.

The design and specifications are subject to change without prior notice for product improvement. Any updates to the manual will be uploaded to the Perfect Aire website (www.perfectaire.us), please check for the current version.

SCAN CODE TO
LEAVE A REVIEW

THANK YOU FOR YOUR PURCHASE!

We'd love to hear how you are enjoying your Perfect Aire product!
Please take a minute to tell us (and others) about your experience.

perfect aire

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