



GE APPLIANCES

AIR CONDITIONER

814100369

IMPORTANT SAFETY INFORMATION READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

- ▲WARNING** For your safety, the information in this manual must be followed to minimize the risk of fire, electric shock or personal injury.
- Use this appliance only for its intended purpose as described in this Owner's Manual.
 - This air conditioner must be properly installed in accordance with the Installation Instructions before it is used.
 - Never unplug your air conditioner by pulling on the power cord. Always grip plug firmly and pull straight out from the receptacle.
 - Replace immediately all electric service cords that have become frayed or otherwise damaged. A damaged power supply cord must be replaced with a new power supply cord obtained from the manufacturer and not repaired. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end.
 - Turn the unit OFF and unplug your air conditioner before cleaning.
 - For your safety...do not store or use combustible materials, gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
 - If the receptacle does not match the plug, the receptacle must be changed out by a qualified electrician.
 - GEAppliances does not support any servicing of sealed system components (i.e. refrigerant containing parts) in the air conditioner.
 - Service of all other components may **ONLY** be completed by a qualified 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 supervision or instruction concerning use of the appliance by a person responsible for their safety.
 - Children should be supervised to ensure that they do not play with the appliance.
 - Do not operate your air conditioner in a wet room such as a bathroom or laundry room.
 - The appliance shall be stored so as to prevent mechanical damage from occurring.

- WARNING** Risk of Fire or Explosion. This unit contains flammable refrigerant. Additional safety precautions must be followed.
- 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 refrigerant tubing. Be aware that refrigerants may not contain an odor.
 - Keep ventilation openings clear of obstruction.
 - When handling, installing, and operating the appliance, care should be taken to avoid damage to the refrigerant tubing.
 - Do not drill holes in the unit.
 - Maintenance, cleaning, and service should only be performed by technicians properly trained and qualified in the use of flammable refrigerants.
 - GEAppliances does not support any servicing of sealed system components (i.e. refrigerant containing parts) in the air conditioner.
 - Dispose of air conditioner in accordance with Federal and Local Regulations. Flammable refrigerants require special disposal procedures. Contact your local authorities for the environmentally safe disposal of your air conditioner.

- ▲WARNING** USE OF EXTENSION CORDS
- RISK OF FIRE. 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 adaptors with this Window Air Conditioner.

HOW TO CONNECT ELECTRICITY

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord. For personal safety, this appliance must be properly grounded.

DO NOT use an adapter plug with this appliance.

The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this appliance.

Power cord includes a current interrupter device. A test and reset button is 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 while plugged into the outlet. 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.

IMPORTANT

NOTE:This air conditioner is designed to be operated under condition as follows and performance may be reduced outside of these operating temperatures.

Cooling Operation	Outdoor Temp:	70-109°F/21-43°C (70-118°F/21-48°C for special tropical models)
	Indoor Temp:	70-90°F/21-32°C

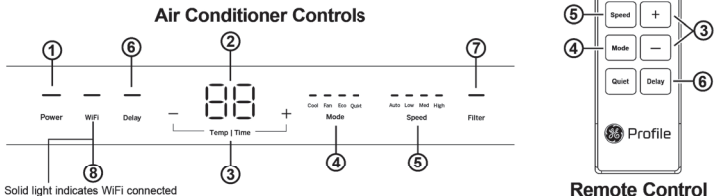
For the seasons that the air conditioner is not in use, ensure to drain all water out of the unit. Failure to do so may cause unwanted freezing which can affect performance for the next appropriate season. See the Care and Cleaning, **Draining The Unit** section for more information on how to properly drain the unit.

READ AND SAVE THESE INSTRUCTIONS

NOTE: In order to ensure the highest possible standard for refurbished items, all units are thoroughly inspected as part of the process. For this item, water may be used during the refurbishing process and so; you may notice some condensation in the water reservoir. It is recommended to rinse the water reservoir with fresh water prior to its first use.

Controls

Features and appearance will vary. Lights beside the touch pads on the air conditioner control panel indicate the selected settings.



Solid light indicates WiFi connected
Blinking light indicates connecting
See Appliance Communication section in this manual

- 1. Power Pad**
Turns air conditioner on and off. When turned on, the display will show the **Set** temperature.
- 2. Display**
Shows the **Set** temperature or time remaining on the Delay timer. Shows the **Set** temperature while setting the temperature in **Quiet**, **Cool** or **Eco** modes.
- 3. Temp and Delay Increase + /Decrease - Pads**
Use to set temperature or delay time. Temperature can be set in **Quiet**, **Cool** and **Eco** mode.
- 4. Mode Pad**
Use to set the air conditioner to **Fan Only**, **Cool**, **Eco** or **Quiet** mode.
- 5. Fan Speed Pad**
In **Cool** or **Eco** mode: Use to set the fan speed to **Auto**, **High**, **Med** or **Low** on the unit.
In **Fan Only** mode: Use to set the fan speed to **High**, **Med**, or **Low** on the unit.
In **Quiet** mode, the fan speed will automatically be set to **Low** (**indicator is Auto**).
- 6. Delay Pad**
Delay ON—When the air conditioner is off, it can be set to automatically come on in 1 to 24 hours at its previous mode and fan settings.
Delay OFF—When the air conditioner is on, it can be set to automatically turn off in 1 to 24 hours.
How to set:
Press the **Delay** pad. Each touch of the **Increase + / Decrease -** pads will set the timer in 1-hour intervals.
- 7. Filter Reset Pad**
This feature automatically notifies you that the air filter must be cleaned. The indicator light will come on after 250 hours of operation. Clean the air filter, place it back in the front panel, and press the **Filter Reset** pad. The light will go off.
- 8. WiFi Connect Pad**
Enables connection of the air conditioner to the home WiFi. Download **SmartHQ** App for details at: GEAppliances.com/connect.
- 9. Sabbath Mode**
Press and hold both the **Power** and **Speed** buttons on the user interface for 3 seconds to start Sabbath Mode.
When unit is in Sabbath mode, all single button presses or app input will not be operational until unit has exited Sabbath mode. The panel will show 'SA'. Press the **Power** and **Speed** buttons simultaneously to turn Sabbath mode off. Unit will automatically exit Sabbath mode if no buttons are pressed within 96 hours of initiation.

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

The images shown here are for illustrative purposes only and may be subject to change, the actual descriptions of control panel and their locations may vary depending on the model.

Using the Air Conditioner

Do Not Operate in Freezing Outdoor Conditions

This cool-only air conditioner was not designed for freezing outdoor conditions. It must not be used when the outdoor temperature is below freezing (32°F).

Control Panel Lights On/Off Feature

This air conditioner has a control panel lights on/off feature where its lights will turn off when there is no activity with the controls for over one minute. To wake up the controls, press any pad on the controls and the lights will come on to show the previous settings.

Control Panel Sound On/Off Feature

This air conditioner has a control panel sounds on/off feature where the sounds that occur when a button on the user interface is touched can be turned on or off. This feature is turned on by default, meaning that the air conditioner will make a sound when any button is pressed on the user interface. To turn this feature off so as to make the button presses silent, press and hold the **Filter** button on the user interface for 5 seconds. The air conditioner will beep to signal the successful toggle of this feature on and off.

Remote Control

- To ensure proper operation, aim the remote control at the signal receiver on the air conditioner.
- Make sure nothing is between the air conditioner and the remote control that could block the signal.
- The remote control signal has a range of up to 20 feet.
- Make sure batteries are fresh and installed correctly as indicated on the remote control.

Cool Mode

Use the Cool mode at **Low**, **Med**, **High** or **Speed** for cooling. Use the **Temperature Increase + / Decrease -** pads to set the desired temperature between 64°F and 86°F in 1°F increments.

An electronic thermostat is used to maintain the room temperature. The compressor will cycle on and off and also change operating speeds to keep the room at the set level of comfort. Set the thermostat at a lower number and the indoor air will become cooler. Set the thermostat at a higher number and the indoor air will become warmer.

NOTE: If the air conditioner is off and is then turned on while set to a **Cool** setting or if turned from a fan setting to a **Cool** setting, it may take approximately 3 minutes for the compressor to start and cooling to begin.

Cooling Descriptions

For Normal Cooling—Select the **Cool** mode and **High** or **Med** fan with a middle set temperature.

For Maximum Cooling—Select the **Cool** mode and **High** fan with a lower set temperature.

For Quieter and Nighttime Cooling—Select the **Cool** mode and **Low** fan with a middle set temperature.

Eco Mode

Controls the fan.

ON—The fan will cycle on and off with the compressor. This may result in wider variations of room temperature. **NOTE:** the fan may continue to run for a short time or may pulse intermittently after the compressor cycles off to sample the room air.

OFF—The fan runs all the time, while the compressor cycles on and off.

Fan Only Mode

Use the Fan Only Mode at Low, Med or High fan speed to provide air circulation and filtering without cooling. Since fan-only settings do not provide cooling, a Set temperature cannot be entered. The room temperature will appear in the display.

Auto Fan Speed

Set to **Auto** for the fan speed to automatically set to the speed needed to provide optimum comfort settings with the set temperature.

If the room needs more cooling, the fan speed will automatically increase. If the room needs less cooling, the fan speed will automatically decrease.

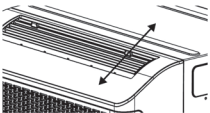
Quiet Mode

Quiet mode will ensure the most quiet mode of operation to satisfy the set temperature and provide room comfort in the space to be cooled. It is normal for the unit to operate for a longer period at lower energy consumption levels to achieve this. It is normal to hear the unit switching speeds if it senses the room becoming uncomfortable.

Note: It is not suggested to use **QUIET MODE** when the temperature is above 104°F(40°C).

Air Direction

Use the levers to adjust the air direction up and down.



Care and Cleaning

Grille and Case

Turn the air conditioner off and remove the plug from the wall outlet before cleaning. To clean, use water and a mild detergent. Do not use bleach or abrasives.

Filters

All filters should be checked and cleaned at least every 250 hours or more often if necessary. Clean the filters with warm, soapy water. Rinse and let filters dry before replacing it. Do not clean the filters in a dishwasher.

▲CAUTION DO NOT operate the air conditioner without a filter because dirt and lint will clog it and reduce performance.

Front Filter:

Access the Front Filter by first opening the inlet grille. Pull the tabs on the top sides of the grille towards you and set it aside. From here, pull down on the top black tabs on the filter. Once the top of the filter has been popped out of place, lift upwards on the filter and remove it from the device.

Side Filter:

Locate the tab on the left side of the unit and pull the filter straight out.

Plug Filter:

NOTE: Water will not come out after removing the cap, however it will begin to drain as soon as the Plug Filter is removed. Ensure to have the proper means of collecting water under the unit before removing the plug.

Locate the drain cap on the right side of the unit. Remove the cap, and pull the plug straight out.

Outdoor Coils

The coils on the outdoor side of the air conditioner should be checked regularly. If they are clogged with dirt or soot, they may be professionally cleaned.

How to Insert the Batteries in the Remote Control

1. Remove the battery cover by sliding it according to the arrow direction.
2. Insert new batteries, making sure that the (+) and (–) of battery are installed correctly.
3. Reattach the cover by sliding it back into position.

NOTES:

- Use 2 "AAA" (1.5 volt) batteries. Do not use rechargeable batteries.
- Remove the batteries from the remote control if the system is not going to be used for a long time.
- Do not mix old and new batteries. Do not mix standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc) batteries.

Draining the Unit

Over time, the air conditioner will accumulate water on both the indoor and the outdoor sides. For various reasons, such as preparing for a cold season, this water will need to be removed from the unit.

NOTE: Before draining the Indoor side, ensure to have the proper means of collecting water under the unit. Locate the Drain Cap on the right side of the unit. Remove the Drain Cap and pull the Filter Plug straight out to drain the unit. Once the water stops, reinsert the Filter Plug and secure again with the Drain Cap.

NOTE: Only attempt to drain the Outdoor side if neccessary and you can safely access the unit from the outside. See Troubleshooting, **Normal Operating Sounds** section for more information on draining the Outdoor side.

BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **IMPORTANT** — Save these instructions for local inspector's use.
- **IMPORTANT** — Observe all governing codes and ordinances.
- **Note to Installer** – Be sure to leave these instructions with the Consumer.
- **Note to Consumer** – Keep these instructions for future reference.
- **Skill level** – Installation of this appliance requires basic mechanical skills.
- **Completion time** – Approximately 1 hour
- We recommend that two people install this product.
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.
- You **MUST** use all supplied parts and use proper installation procedures as described in these instructions when installing this air conditioner.

ELECTRICAL REQUIREMENTS

These models require a 115/120-volt AC, 60-Hz grounded outlet protected with a 15-amp time-delay fuse or circuit breaker.

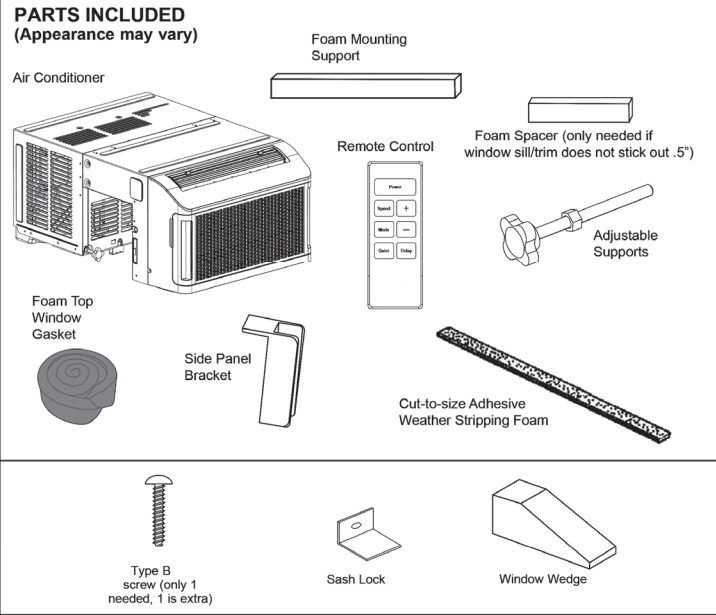
The 3-prong grounding plug minimizes the possibility of electric shock hazard. If the wall outlet you plan to use is only a 2-prong outlet, it is your responsibility to have it replaced with a properly grounded 3-prong wall outlet.

▲CAUTION

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 this air conditioner.

Aluminum house wiring may present special problems—consult a qualified electrician.



Accessory type and quantity may vary depending on the model.

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

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

UNPACKING THE AIR CONDITIONER

▲WARNING

EXCESSIVE WEIGHT HAZARD - When moving or lifting the air conditioner, use two or more people. Wear gloves when handling the air conditioner to protect against possible sharp edges and metal fins. **Remove Packaging Materials**

- Remove packaging materials. Save the carton and the foam packaging for storing the unit when not in use.

NOTE: There is NO internal packing material inside the air conditioner to remove - DO NOT open the cabinet.

- Handle the air conditioner gently.
- Keep the air conditioner upright and level. Do not set the air conditioner on its side, front, back or upside down.
- The air conditioner must be standing upright for 2 hours prior to installation and operation.

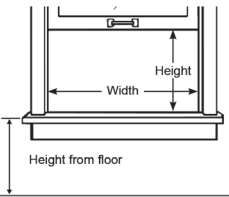


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Installation Instructions

1. WINDOW REQUIREMENTS

- These instructions are for a standard double-hung window. You will need to modify them for other types of windows.
- The air conditioner can be installed without the side foam panels if needed to fit in a narrow window. See the window opening dimensions.
- All supporting parts must be secured to firm wood, masonry or metal.
- The electrical outlet must be within reach of the power cord.
- Follow the dimensions in the table and illustration for your model.



Width	Min. Height	Min. Height from Floor
20"-40"	13"	10"

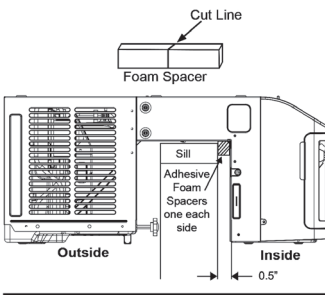
- Avoid blocking the vents on the back of the indoor side of the unit. There must be a MINIMUM gap of 0.5 inches between the interior wall and the back of the unit.

- Please follow the instructions below depending on your window.

IF your interior window sill/trim sticks out greater than 0.5" - no Foam Spacers are needed.

IF your interior window sill/trim DOES NOT stick out greater than 0.5" - two Foam Spacers are needed. Cut the provided Foam Spacer in half and attach each piece to the upper corners of the unit under the chase-way as seen below. This will create the necessary gap.

Side view of Foam Spacer placement:

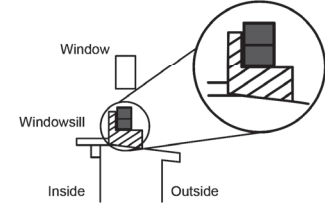


2. PREPARE THE AIR CONDITIONER

- Measure the width of the window opening and mark the center of the window opening.

- Center the Foam Mounting Support in the window opening, remove adhesive backing and install the necessary amount of Foam Mounting Supports needed to raise the unit above your window ledge.

Foam Mounting Supports

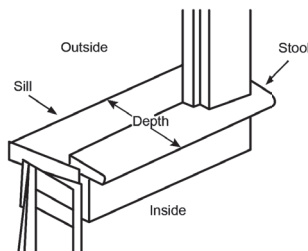
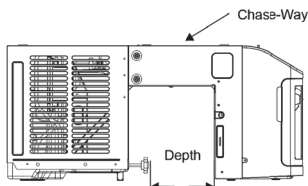


3. WALL REQUIREMENTS

- Measure your window depth and use the table below to determine the necessary chase-way position.

Window Depth	Chase-Way Position
Less than 7.75"	Closed*
7.75" - 9.75"	1
9.75" - 11.75"	2
11.75" - 13.75"	3

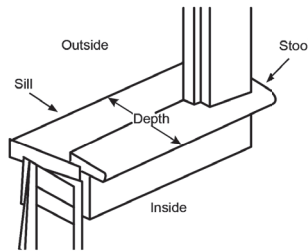
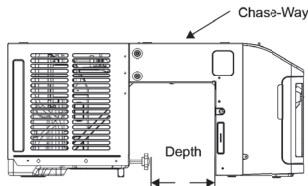
* The unit comes in the closed position. If no adjustment is necessary, skip to Section 5.



- Measure your window depth and use the table below to determine the necessary chase-way position.

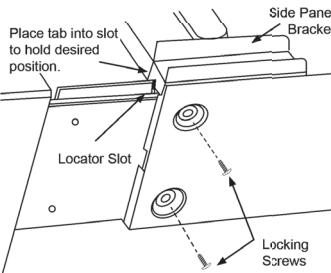
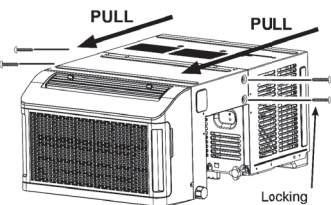
Window Depth	Chase-Way Position
Less than 7.75"	Closed*
7.75" - 9.75"	1
9.75" - 11.75"	2
11.75" - 13.75"	3

* The unit comes in the closed position. If no adjustment is necessary, skip to Section 5.

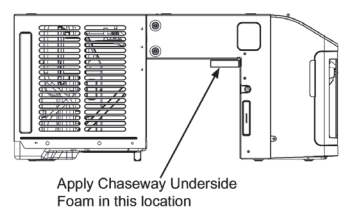


4. PREPARE THE AIR CONDITIONER
Adjusting the Chase-Way

- Measure window depth from interior to exterior. Use the table from Section 3 to determine the corresponding chase-way position.
- Remove 4 locking screws that hold the chase-way in place.
- Pull chase-way to position needed based on your window depth.



- Place tab of side panel bracket into slot on chase-way to hold position.
- Install the 4 screws (2 on each side) back into place to lock in chase-way.
- If you extend the chase-way to the 2nd, 3rd, or 4th position; take the two pieces of Chaseway Underside Foam and apply them underneath the chase-way in the open areas made by the adjustment.
- Apply one piece on the left and one piece on the right.

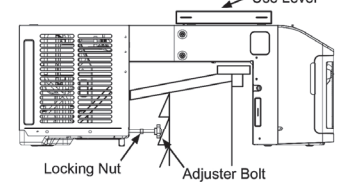


5. INSTALL UNIT IN WINDOW

- Lift the unit into and over the window. Center the unit on the Foam Mounting Supports. *It is recommended that 2 people lift the unit and place into the window*.

Note: Be careful not to pinch fingers at the bottom of the chase-way.

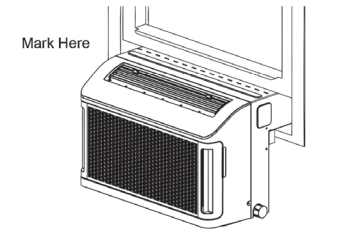
- Reach through the window opening and adjust the Adjustable Supports until the unit is secure against the outside wall. **Using a level, check that the unit is level front to back and side to side.** Once level and secure, reach back through the window and tighten the Locking Nut on the Adjustable Supports to secure everything in place.



6. INSTALLING SIDE FILLER
PANELS

Attaching Side Panels

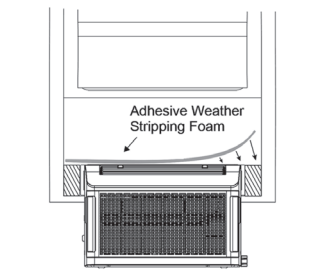
- Close the window and draw a line where the front edge of the window meets the top of the unit. Raise the window back up.



- Remove adhesive backing from the Side Panel Brackets. Place them onto unit so that the front edges are lined up with the drawn line as seen below.

INSTALL WEATHER STRIPPING
FOAM ADHESIVE

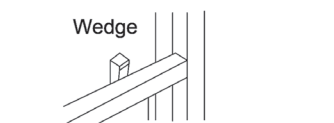
- Cut the Adhesive Weather Stripping Foam to the width of the window. Peel off the backing and lay the foam across the width of the window, over the unit and side panels (following the line drawn with the pencil). After laying the foam down, close the window on top of it.



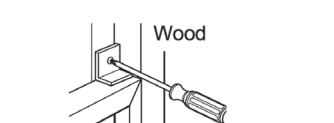
7. INSTALL WINDOW WEDGE,
SASH LOCK, AND FOAM TOP
WINDOW GASKET

A. A Window Wedge is supplied to provide easy access to open window when desired.

DISCLAIMER: The Window Wedge is primarily a convenience option and is not meant to be used for security. For something more secure, please consider the Sash Lock option below.



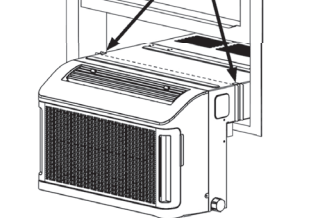
B. To provide additional security, a Sash Lock is provided. Attach the Sash Lock to the window side jamb with one Type B screw.



C. Stuff the Foam Top Window Gasket between the glass and the window to prevent air and insects from getting into the room. The foam may need to be cut to fit depending on the window wedge position.



NOTE: If the gasket not supplied does not fit your window, obtain appropriate material locally to provide a proper installation seal.

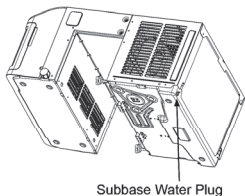


Troubleshooting

Problem	Possible Causes	What To Do
Unit displays error code "P1" and shuts unit off	The pump has had a problem or failed.	Drain indoor side of unit per instructions in the Care and Cleaning. Draining the Unit section. Hold down the SLEEP button for 3 seconds to clear error message. If the error code persists, the pump will need to be serviced.
Unit displays error code "FL" and shuts unit off	Internal tray is full.	Drain indoor side of unit per instructions in the Care and Cleaning. Draining the Unit section. Hold down the SLEEP button for 3 seconds to clear error message if still showing. If the error code persists, the pump will need to be serviced.
Air conditioner does not start	The air conditioner is unplugged. The fuse is blown/circuit breaker is tripped. Power failure.	Make sure the air conditioner plug is pushed completely into the outlet. Check the house fuse/circuit breaker box and replace the fuse or reset the breaker. The unit will automatically restart in the settings last used after the power is restored.
	The current interrupter device is tripped.	There is a protective time delay (approximately 3 minutes) to prevent tripping of the compressor overload. For this reason, the unit may not start normal cooling for 3 minutes after it is turned back on. 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.
Air conditioner does not cool as it should	Airflow is restricted.	Make sure there are no curtains, blinds or furniture blocking the vents on the front, bottom, and back of the air conditioner.
	The temp control may not be set correctly.	On models with control pads: In the Cool mode, press the Decrease — pad. On models with control knobs, turn the temperature knob to a higher number.
	The air filter is dirty.	Clean the filter at least every 250 hours. See the Care and Cleaning 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. Cooling coils have iced up.	Check for open furnace registers and cold air returns. See "Air conditioner freezing up" below.
Air conditioner freezing up	Ice blocks the air flow and stops the air conditioner from cooling the room.	On models with control knobs, set the mode control at High Fan or High Cool with the Temp at 1 or 2 . On models with touch pads, set the controls at High Fan or High Cool and set the thermostat to a higher temperature.
The remote control is not working	The batteries are inserted incorrectly. The batteries may be dead.	Check the position of the batteries. They should be inserted in the opposite (+) and (–) direction. Replace the batteries.
Water drips outside	Hot, humid weather.	This is normal.
Water drips indoors	The air conditioner is not tilted to the outside. Drain plug is unplugged The air conditioner is not level from left to right	For proper water disposal, make sure the air conditioner slants slightly from the case front to the rear. Make sure plug is pressed all the way into the unit. Ensure that the unit is level.
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.

Normal Operating Sounds

- You may hear a pinging noise caused by water being picked up and thrown against the condenser on rainy days or when the humidity is high. This design feature helps remove moisture and improve efficiency.
- You may hear the thermostat click when the compressor cycles on and off.
- Water will collect in the base pan during high humidity or on rainy days. The water may overflow and drip from the outdoor side of the unit.
- The fan may run even when the compressor does not.
- To ensure maximum efficiency, it is recommended to check and see that the rubber Subbase Water Plug is properly inserted. This plug may be removed during operation to minimize water in the back of the unit; however, removing it will lower the efficiency of your unit.
- Water droplets being thrown against the outside coils can make a pinging noise. This helps cool the condenser. You can reduce this noise by opening the water hole seal located on the lower right side of the unit. Opening this seal will lower the Energy Efficiency of your unit.
NOTE: Do not drill hole in the base pan.



Keeping Unit Installed in Winter

- If you decide to keep your unit installed all year long, the indoor side of your unit may become cold to the touch when the weather gets cold outside.
- If you detect cool air coming from your unit, or frost, commercially available outdoor covers are sold and will help mitigate these issues.

WiFi Setup

GE Appliances SmarthQ (for customers in the United States)

Your AC is GE Appliances SmarthQ Enabled. Please visit [GEAppliances.com/connect](https://geappliances.com/connect) to learn more about connected appliance features, and to learn what connected appliance apps will work with your smart phone.

How it Works

- Download the GE Appliances App
- Use the app to connect to your room air conditioner.
- Once connected, use the app to adjust the air conditioner as desired.



WiFi Connectivity:

For assistance with the appliance or the appliance network connectivity, please contact a service center.

All connected appliance data is held in strict accordance with the GE Appliances Connected Data Privacy Policy.

Visit geappliances.com/privacy/privacy_policy_connected to view this policy.

Questions about SmarthQ

Get answers you need about setting up WiFi appliances and connecting to your home network in our support articles.

Visit products.geappliances.com/appliance/gea-support-search-content to view wifi connect room air conditioner support articles.

WiFi Setup

REGULATORY INFORMATION

FCC/IC Compliance Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/television technician for help.
- Labelling:** Changes or modifications to this unit not expressly approved by the manufacturer could void the user's authority to operate the equipment.
- *Select Models Only
- This product has Wi-Fi capability and requires Internet connectivity and a wireless router to enable interconnection with an Energy Management System, and/or with other external devices, systems or applications.

Additional Information

Decommissioning

Before carrying out this procedure, it is essential that the technician is completely familiar with the equipment and all its detail. It is recommended good practice that all refrigerants are recovered safely. Prior to the task being carried out, an oil and refrigerant sample shall be taken in case analysis is required prior to re-use of reclaimed refrigerant. It is essential that electrical power is available before the task is commenced.

- a) Become familiar with the equipment and its operation.
- b) Isolate system electrically.
- c) Before attempting the procedure, ensure that:

- mechanical handling equipment is available, if required, for handling refrigerant cylinders;
- all personal protective equipment is available and being used correctly;
- the recovery process is supervised at all times by a competent person;
- recovery equipment and cylinders conform to the appropriate standards.

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

Labelling

Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. For appliances containing **FLAMMABLE REFRIGERANTS**, ensure that there are labels on the equipment stating the equipment contains flammable 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 are 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 all appropriate refrigerants including, when applicable, **FLAMMABLE REFRIGERANTS**. 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. Before using the recovery machine, check that it is in satisfactory working order, has been properly maintained and that any associated electrical components are sealed to prevent ignition in the event of a refrigerant release. Consult manufacturer if in doubt. The recovered refrigerant shall be returned to the refrigerant supplier 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 evacuation process shall be carried out prior to returning the compressor to the suppliers. Only electric heating to the compressor body shall be employed to accelerate this process. When oil is drained from a system, it shall be carried out safely.

