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Owner's Manual and Installation Instructions

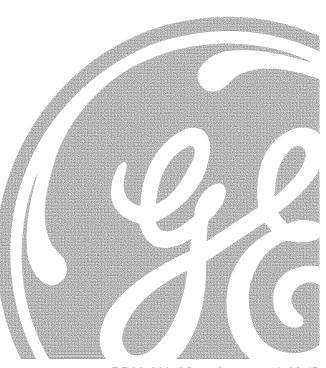
AST05 ASW05 ASH06 ASW06 ASH08 ASW08

Write the model and serial numbers here:

Model # _____

Serial # _____

Find these numbers on a label on the side of the air conditioner.



DB98-26673A 49-7551 10-06 JR

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

A WARNING!

For your safety, the information in this manual must be followed to minimize the risk of fire, electric shock or personal injury.



SAFETY PRECAUTIONS

- 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.
- GE does not support any servicing of the air conditioner. We strongly recommend that you do not attempt to service the air conditioner yourself.
- 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.
- All air conditioners contain refrigerants, which under federal law must be removed prior to product disposal. If you are getting rid of an old product with refrigerants, check with the company handling disposal about what to do.



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.

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. 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.

Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded.

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.

The air conditioner should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.

This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires.

See the Installation Instructions, *Electrical Requirements* section for specific electrical connection requirements.

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A WARNING!



USE OF EXTENSION CORDS—115-Volt models only

Because of potential safety hazards under certain conditions, we strongly recommend against the use of an extension cord.

However, if you must use an extension cord, it is absolutely necessary that it be a UL-listed, 14 gauge, 3-wire grounding type appliance extension cord having a grounding type plug and outlet and that the electrical rating of the cord be 15 amperes (minimum) and 125 volts.

A CAUTION:

DO NOT use an extension cord with any of the 230/208 volt models.



USE OF ADAPTER PLUGS—115-Volt models only

Because of potential safety hazards under certain conditions, we strongly recommend against the use of an adapter plug.

However, if you must use an adapter, where local codes permit, a *temporary connection* may be made to a properly grounded 2-prong wall outlet by use of a UL-listed adapter available at most local hardware stores.

The larger slot in the adapter must be aligned with the larger slot in the wall outlet to provide proper polarity in the connection of the power cord.

When disconnecting the power cord from the adapter, always hold the adapter in place with one hand while pulling the power cord plug with the other hand. If this is not done, the adapter ground terminal is very likely to break with repeated use.

If the adapter ground terminal breaks, **DO NOT USE** the air conditioner until a proper ground has been established.

Attaching the adapter ground terminal to a wall outlet cover screw does not ground the appliance unless the cover screw is metal, and not insulated, and the wall outlet is grounded through the house wiring. You should have the circuit checked by a qualified electrician to make sure the outlet is properly grounded.

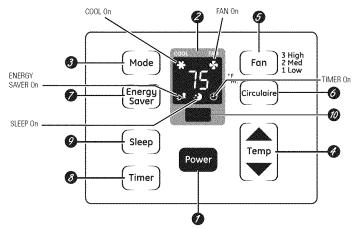


READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY.

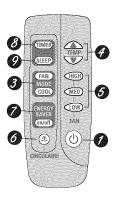
SAVE THESE INSTRUCTIONS

About the controls on the air conditioner—models with touch pads.

Features and appearance will vary.



Air Conditioner Controls



Remote Control



On/Off

Turns air conditioner on and off.

Display

Displays the set temperature or time remaining on timer.

Mode

Use to set the air conditioner to *Cool* or *Fan* mode

Increase ▲ /Decrease ▼ Pads

Use to set temperature when in **Cool** mode.

Fan

Use to set the fan speed at Low, Med or High.

Circulaire (on some models)

Turn on to provide continuous side-to-side air circulation.

For fixed side-to-side air direction, turn **On** until the desired air direction is obtained, then turn it **Off**.

Energy Saver—Controls the fan.

On—The fan and compressor cycle on and off. This results in wider variations of room temperature and humidity. Normally used when the room is unoccupied. **Note:** The fan will continue to run for a short time after the compressor cycles off.

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

This switch must be set at *Off* in order to use the fan settings (on the mode control).

Timer

On—When the air conditioner is off, it can be set to automatically turn on in 1 to 24 hours at its previous setting. Each touch will set the time in hours.

Off—When the air conditioner is on, it can be set to automatically turn off in 1 to 24 hours. Each touch will set the time in hours.

To cancel the timer, press the *Timer* pad until the display time disappears.

Sleep (on some models)

Press to set the air conditioner to run for 8 hours before it automatically shuts off.

One hour after the sleep timer is set, the set temperature will automatically increase 2°F.

To cancel the sleep mode, press the *Sleep* pad a second time.

Note: The sleep timer will be cancelled if the **Timer, Energy Saver** or **Mode** pad is pressed.

Remote Control Signal Receiver

Remote Control

- To ensure proper operation, aim the remote control at the signal receiver on the air conditioner.
- The remote control signal has a range of up to 21 feet.
- Make sure nothing is between the air conditioner and the remote control that could block the signal.
- Make sure batteries are fresh and installed correctly—see the *Care and Cleaning* section.

Additional controls and important information.

Do Not Operate in Freezing Outdoor Conditions

This cool-only air conditioner was not designed for freezing outdoor conditions. It must not be used in freezing outdoor conditions.

When the air conditioner is turned on, it will automatically start in the setting last used.

Power Outage Recovery Feature

In the case of a power outage or interruption, the unit will automatically re-start in the settings last used after the power is restored. The *Timer* and

Sleep features will reset to the original setting. You may need to set a new time if desired.

Cool Mode

Use the **Cool** mode with **High (3), Med (2)** or **Low (1)** fan for cooling. Use the **Increase** \blacktriangle / **Decrease** \blacktriangledown pads to set the desired temperature between 64°F and 86°F in 1°F increments.

A thermostat is used to maintain the room temperature. The compressor will cycle on and off 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 **Cool**, it will take approximately 3 minutes for the compressor to start and cooling to begin.

Cooling Descriptions

For Normal Cooling—Select the **Cool** mode and **High (3)** or **Med (2)** fan with a middle set temperature.

For Maximum Cooling—Select the **Cool** mode and **High (3)** fan with a lower set temperature.

For Quieter & Nighttime Cooling—Select the **Cool** mode and **Low (1)** fan with a middle set temperature.

NOTE: If you switch from a **Cool** setting to **Off** or to a fan setting, wait at least 3 minutes before switching back to a **Cool** setting.

Fan Mode

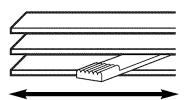
Use the *Fan* at *High (3), Med (2)* or *Low (1)* to provide air circulation and filtering without cooling.

Since fan only settings do not provide cooling, a temperature setting will not be displayed.

Vent Control (on some models)

The vent control is located on the inside of the air louvers in the lower right corner.

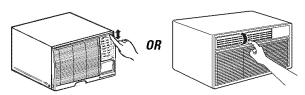
When set at *CLOSE*, only the air inside the room will be circulated and conditioned. When set at *OPEN*, some inside air is exhausted outside.



To open the vent, push the lever to the right. To close it, push it to the left.

Air Direction—Up and Down (on some models)

Fingertip pressure on the horizontal louvers adjusts the air direction up or down.



Air Direction—Side-to-Side (on some models)

The side-to-side air direction is adjusted by the louver levers.

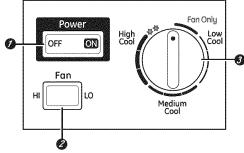


About the controls on the air conditioner—models with control knob(s).

Features and appearance may vary.



Controls (on models so equipped)



0

ON/OFF Switch

Turns air conditioner on and off.

NOTE: If the air conditioner is off and is then turned on while set in a **Cool** mode, it will take approximately 3 minutes for the compressor to start and cooling to begin.

2

Fan Switch (on some models)

Use to set the fan speed to **LO** or **HI**.

3

Mode/Temp Control

Use to set the air conditioner to the *Fan Only* or a *Cool* mode.

Fan Only Mode

Use *Fan Only* at *HI* or *LO Fan* to provide air circulation and filtering without cooling.

Cool Mode

Use a **Cool** setting with **HI** or **LO Fan** for cooling. Turn the knob clockwise, toward the larger blue area, for the indoor area to become cooler. Turn the knob counterclockwise, toward the smaller blue

area, for the indoor air to become warmer. The Mode/Temp control is used to maintain the room temperature. When set in a *Cool* mode, the compressor will cycle on and off to keep the room at the same level of comfort.

Cooling Descriptions

For Normal Cooling—Select a **Cool** mode with the Mode/Temp knob set at the midpoint.

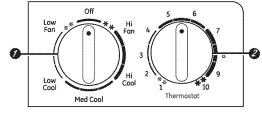
For Maximum Cooling—Select a **Cool** mode with the Mode/Temp knob set toward the larger blue area.

For Quieter & Nighttime Cooling—Select a *Cool* mode with the Mode/Temp knob set toward the smaller blue area.

NOTE: If you move the Mode/Temp control knob from a **Cool** setting to the **Fan On** setting, wait at least 3 minutes before switching back to a **Cool** setting.



Controls (on models so equipped)





Mode Control

Hi Cool, Med Cool and **Low Cool** provide cooling with different fan speeds.

Low Fan or **Hi Fan** provides air circulation and filtering without cooling.



Thermostat Control

The thermostat control is used to maintain the room temperature. The compressor will cycle on and off to keep the room at the same level of comfort. When you turn the knob to a higher number, the indoor air will become cooler. Turn the knob to a lower number and the indoor air will become warmer.

NOTE: If you move the switch from a cool setting to **OFF** or to a fan setting, wait at least 3 minutes before switching back to a cool setting.

Cooling Descriptions

For Normal Cooling—Select *Hi Cool* or *Med Cool* with the thermostat control at midpoint.

For Maximum Cooling—Select **Hi Cool** with the thermostat control at the highest number available on your knob.

For Quieter & Nighttime Cooling—Select *Low Cool* with the thermostat control at midpoint.

Additional controls and important information.

Do Not Operate in Freezing Outdoor Conditions

This cool-only air conditioner was not designed for freezing outdoor conditions. It must not be used in freezing outdoor conditions.

Vent Control (on some models)

The vent control is located on the inside of the air louvers in the lower right corner.

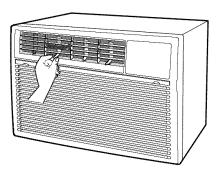
When set at *CLOSE*, only the air inside the room will be circulated and conditioned. When set at *OPEN*, some inside air is exhausted outside.



To open the vent, push the lever to the right. To close it, push it to the left.

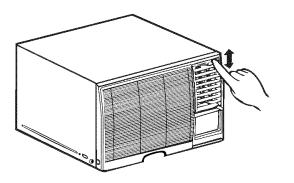
Air Direction—Side-to-Side

The side-to-side air direction is adjusted by the louver levers.

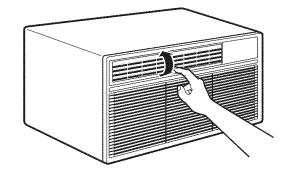


Air Direction—Up and Down (on some models)

Fingertip pressure on the horizontal louvers adjusts the air direction up or down.







Care and cleaning of the air conditioner.

How to Insert the Batteries on the Remote Control (on some models)

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

NOTES:

- We 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.

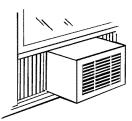
Grille and Case

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.

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.



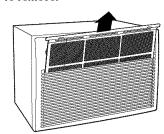
Air Filter

The air filter behind the front grille should be checked and cleaned at least every 30 days or more often if necessary.

Clean the filter with warm, soapy water. Rinse and let the filter dry before replacing it.

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

To remove:



Grab the tabs on the filter and pull it up and out.

Installation Instructions

Air Conditioner

? Questions? Call 800.GE.CARES (800.432.2737) or Visit our Website at: ge.com



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



Some models require a 115/120-volt a.c., 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.





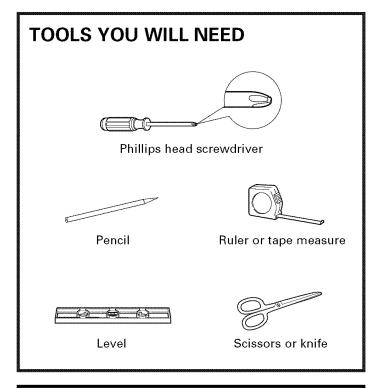
Some models require 230/208-volt a.c., protected with a time delay fuse or circuit breaker. These models should be installed on their own single branch circuit for best performance and to prevent overloading house or apartment wiring circuits, which could cause a possible fire hazard from overheating wires.

A CAUTION:

Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.

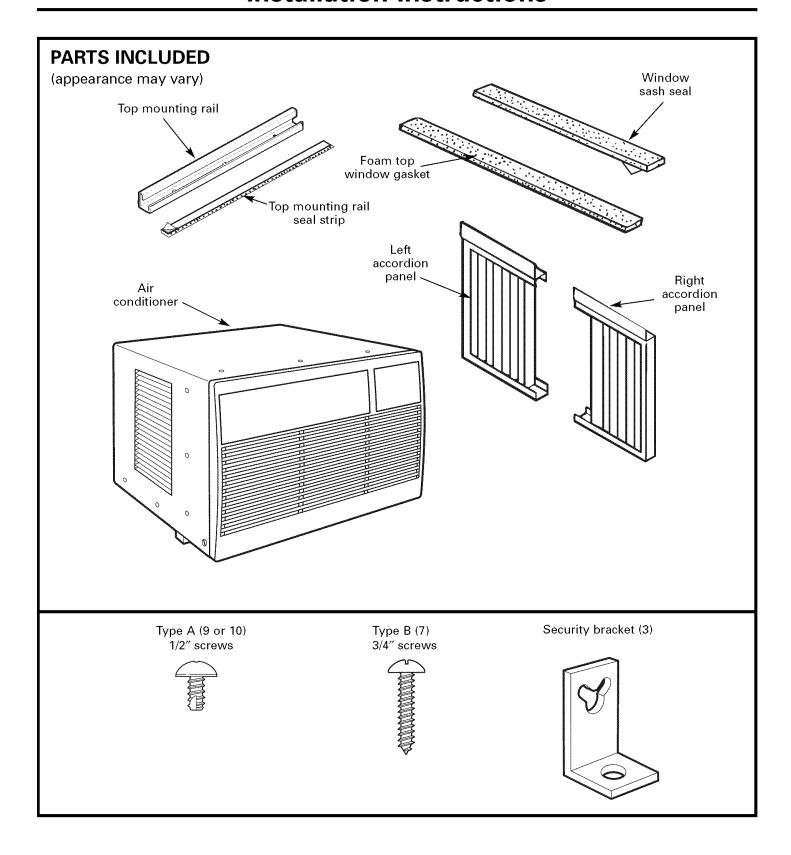
Do not change the plug on the power cord of this air conditioner.

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



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. 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.

Installation Instructions



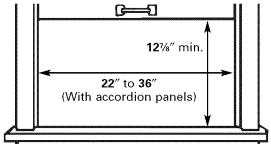
Installation Instructions

1 WINDOW REQUIREMENTS

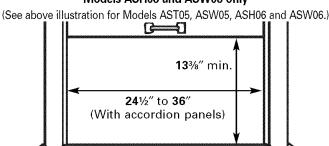
- These instructions are for a standard doublehung window. You will need to modify them for other types of windows.
- All supporting parts must be secured to firm wood, masonry or metal.
- The electrical outlet must be within reach of the power cord.

Models AST05, ASW05, ASH06 and ASW06 only

(See below illustration for Models ASH08 and ASW08.)



Models ASH08 and ASW08 only



2 STORM WINDOW REQUIREMENTS

A storm window frame will not allow the air conditioner to tilt toward the outside, and will keep it from draining properly. To adjust for this, attach a piece of wood to the stool.

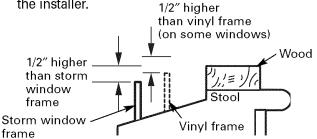
WOOD PIECES-

WIDTH: 2"

LENGTH: Long enough to fit inside the window frame.

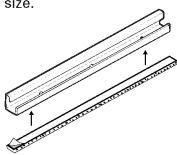
THICKNESS: To determine the thickness, place a piece of wood on the stool to make it 1/2" higher than the top of the storm window frame or the vinyl frame.

Attach securely with nails or screws provided by the installer.

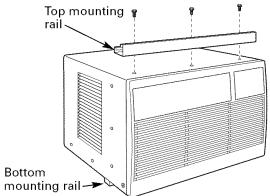


3 PREPARE AIR CONDITIONER

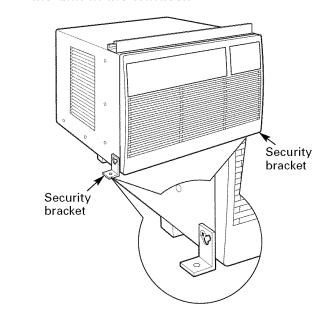
Remove the backing from the top mounting rail seal strip and attach it to the bottom of the top mounting rail. Cut to size.



B Install the top mounting rail with 3 or 4 type A screws (depending on the number of holes in the top mounting rail) from the outside of the case.



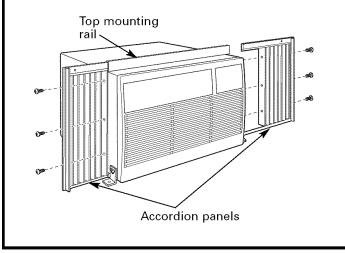
C Loosen the lower screw on each side of the case and hook a security bracket on each side. To allow for later adjustment, do not tighten the screws until you install the unit in the window.



Installation Instructions

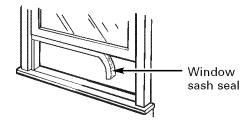
3 PREPARE AIR CONDITIONER (CONT.)

Insert the frames of the accordion panels into the top and bottom mounting rails. Attach the accordion panels to the side of the case using 6 type A screws.



4 INSTALL AIR CONDITIONER IN WINDOW

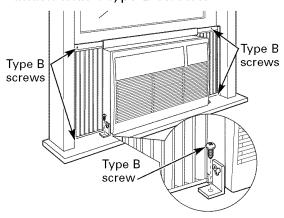
Cut the window sash seal to the window width and stick the adhesive side to the bottom of the sash.



Place the air conditioner on the stool with the bottom mounting rail against its back edge. Center it and close the window securely behind the top mounting rail. It should be level or slightly tilted to the outside. Use a level; about a 1/3 bubble will be the correct case slant to the outside.

4 INSTALL AIR CONDITIONER IN WINDOW (CONT.)

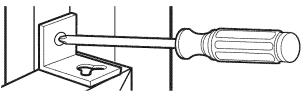
Extend the left and right accordion panels to the vertical window sashes and attach with 4 type B screws.



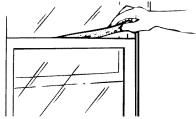
- Attach the brackets to the stool on both sides using two type B screws.
- Tighten the screws to secure the brackets in place on each side of the air conditioner.

5 INSTALL SECURITY BRACKET AND FOAM TOP WINDOW GASKET

Attach a security bracket with a type B screw.



- B Cut the foam top window gasket to the window width.
- Stuff the foam between the glass and the window to prevent air and insects from getting into the room.



Caulk or weather-strip any gaps or openings to the outside to seal the installation.

The installation is now complete.

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Troubleshooting Tips...

Problem	Possible Causes	What To Do
Air conditioner does not start	The air conditioner is unplugged.	 Make sure the air conditioner plug is pushed completely into the outlet.
	The fuse is blown/circuit breaker is tripped.	 Check the house fuse/circuit breaker box and replace the fuse or reset the breaker.
	Power failure.	 If power failure occurs, turn the air conditioner Off. When power is restored, wait 3 minutes to restart the air conditioner to prevent tripping of the compressor overload.
	The current interrupter device is tripped.	 Press the <i>RESET</i> button located on the power cord plug. If the <i>RESET</i> 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 front of the air conditioner.
	The temp control may not be set correctly.	 On models with touch pads: In <i>Cool</i> mode, press the <i>Decrease</i> ▼ 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 30 days. See the Operating Instructions section.
	The room may have been hot.	 When the air conditioner is first turned on, you need to allow time for the room to cool down.
	Cold air is escaping.	Check for open furnace registers and cold air returns.Set the air conditioner's vent to the closed position.
	Cooling coils have iced up.	• 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 Fan Only and the fan switch to HI
		 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.	• Check the position of the batteries. They should be inserted in the opposite (+) and (-) direction.
	The batteries may be dead.	• Replace the batteries.
Water drips outside	Hot, humid weather.	• This is normal.
Water drips indoors	The air conditioner is not tilted to the outside.	• For proper water disposal, make sure the air conditioner slants slightly from the case front to the rear.
Water collects in base pan	Moisture removed from air and drains into base pan.	• This is normal for a short period in areas with little humidity; normal for a longer period in very humid areas.
"E1" appears in the display	Function error code.	 Unplug the air conditioner. Wait 3 minutes and plug it back in.
Timer or Sleep feature not working properly	A power outage or interruption occurred.	• In the case of a power outage or interruption, the unit Timer and Sleep features will reset to the original setting. You may need to set a new time if desired.

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.

GE Air Conditioner Warranty—One Year Limited Warranty.



Staple your receipt here.
Proof of the original purchase date
is needed to make a warranty claim.

For The Period Of:

We Will Replace:

One Year From the date of the original purchase

Replacement unit for any product which fails due to a defect in materials or workmanship. The exchange unit is warranted for the remainder of your product's original one-year warranty period.

In Order to Make a Warranty Claim:

- Properly pack your unit. We recommend using the original carton and packing materials.
- Return the product to the retail location where it was purchased.
- Include in the package a copy of the sales receipt or other evidence of date of original purchase. Also print your name and address and a description of the defect.

What Is Not Covered:

- Customer instruction. This owner's manual provides information regarding operating instructions and user controls.
- Improper installation. If you have an installation problem, or if the air conditioner is of improper cooling capacity for the intended use, contact your dealer or installer. You are responsible for providing adequate electrical connecting facilities.
- Failure of the product resulting from modifications to the product or due to unreasonable use including failure to provide reasonable and necessary maintenance.

- Replacement of house fuses or resetting of circuit breakers.
- Damage to the product caused by improper power supply voltage, accident, fire, floods or acts of God.
- Incidental or consequential damage caused by possible defects with this air conditioner.

EXCLUSION OF IMPLIED WARRANTIES—Your sole and exclusive remedy is product exchange as provided in this Limited Warranty. Any implied warranties, including the implied warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law.

This warranty is extended to the original purchaser and any succeeding owner for products purchased for home use within the USA.

Some states do not allow the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are, consult your local or state consumer affairs office or your state's Attorney General.

Exclusion of implied warranties: Except where prohibited or restricted by law, there are no warranties, whether express, oral or statutory which extend beyond the description on the face hereof, including specifically the implied warranties of merchantability or fitness for a particular purpose.

Warrantor: General Electric Company. Louisville, KY 40225

Consumer Support.



GE Appliances Website

ge.com

Have a question or need assistance with your appliance? Try the GE Appliances Website 24 hours a day, any day of the year! For greater convenience and faster service, you can now download Owner's Manuals, or even order parts on-line.



Real Life Design Studio

ge.com

GE supports the Universal Design concept—products, services and environments that can be used by people of all ages, sizes and capabilities. We recognize the need to design for a wide range of physical and mental abilities and impairments. For details of GE's Universal Design applications, including kitchen design ideas for people with disabilities, check out our Website today. For the hearing impaired, please call 800.TDD.GEAC (800.833.4322).



Parts and Accessories

ge.com

Individuals qualified to service their own appliances can have parts or accessories sent directly to their homes (VISA, MasterCard and Discover cards are accepted). Order on-line today, 24 hours every day or by phone at 800.626.2002 during normal business hours.

Instructions contained in this manual cover procedures to be performed by any user. GE does not support any servicing of the air conditioner. We strongly recommend that you do not attempt to service the air conditioner yourself.



Contact Us

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If you are not satisfied with the service you receive from GE, contact us on our Website with all the details including your phone number, or write to: General Manager, Customer Relations

GE Appliances, Appliance Park

Louisville, KY 40225

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