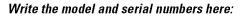


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Owner's Manual and Installation Instructions

AKV10 AKV12



Model #_____

Serial # _____

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



IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

$oldsymbol{\Delta}$ 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.
- Repair or replace immediately all electric service cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end.

- Turn the mode control to **OFF** and unplug your air conditioner before making any repairs or cleaning.
 - **NOTE**: We strongly recommend that any servicing be performed by a qualified individual.
- 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.

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.

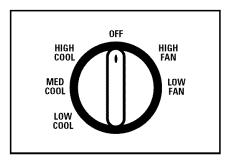
Attaching the adapter ground terminal to a wall outlet cover screw does not ground the appliance unless the cover screw is metal, and not insulated, and the wall outlet is grounded through the house wiring. You should have the circuit checked by a qualified electrician to make sure the outlet is properly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

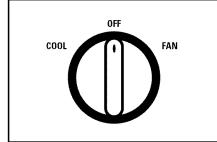


READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY. **SAVE THESE INSTRUCTIONS**

About the controls on the air conditioner—models with control knobs.

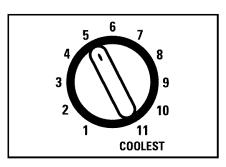
Features and appearance will vary.





MODE CONTROLS

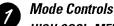
Your model will have one of the above type controls.



2 TEMP CONTROL



Controls



HIGH COOL, MED COOL and **LOW COOL** provide cooling with different fan speeds.

COOL provides cooling with a fixed fan speed.

LOW FAN, **HIGH FAN** or **FAN** provides air circulation and filtering without cooling.

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 HIGH COOL or MED COOL with the temp control at midpoint.

For Maximum Cooling—Select **HIGH COOL** with the temp control at the highest number available on your knob.

For Quieter and Nighttime Cooling—Select LOW COOL with the temp control at midpoint.



Temp Controls

The temp 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.

Additional controls and important information.

Energy Saver (on some models)

The energy saver switch controls the fan.

ON—The fan and compressor cycle on and off together. This results in wider variations of room temperature and humidity. It is normally used when the room is unoccupied.

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

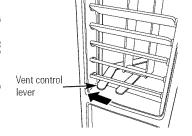
This switch must be set at **OFF** in order to use the fan settings (on the mode control).

Vent Control

The vent control is located on the inside of the air louvers at the bottom of the vent.

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.





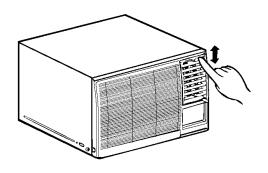
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To open the vent.

To close the vent.

Air Direction—Up and Down

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



Air Direction—Side-to-Side

The side-to-side air direction is adjusted by moving the air direction lever to the left or right.



Care and cleaning of the air conditioner.

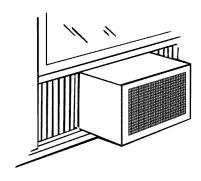
Grille and Case

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 steam cleaned, a service available through your GE service outlet.



Air Filter

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

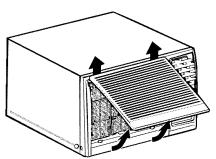
Clean the filter with warm, soapy water. Rinse and let the filter dry before replacing it.

NOTE: DO NOT rinse, or put the filter in an automatic dishwasher.

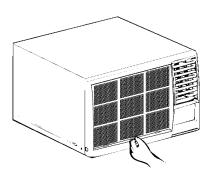
A CAUTION: DO NOT operate the air conditioner without a filter because dirt and lint will clog it and reduce performance.

To remove:

Pull to unlatch the lower corners of the inlet grille and lift it up and off.



Using the tab, pull up slightly on the filter to release it and pull it down to remove.



Preparing to install the air conditioner.

Read these instructions completely and carefully.



Before You Begin

NOTE TO INSTALLER: Leave these instructions with the air conditioner after installation is completed.

NOTE TO CONSUMER: Keep this Owner's Manual and Installation Instructions for future use.

IMPORTANT NOTES:

For personal safety, this air conditioner must be properly grounded.

It is important to have the wall outlet and circuit checked by a qualified electrician if there is any doubt as to whether a proper ground exists.

Follow National Electrical Codes (NEC) and/or local codes and ordinances.

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.



Electrical Requirements



Some models require 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.



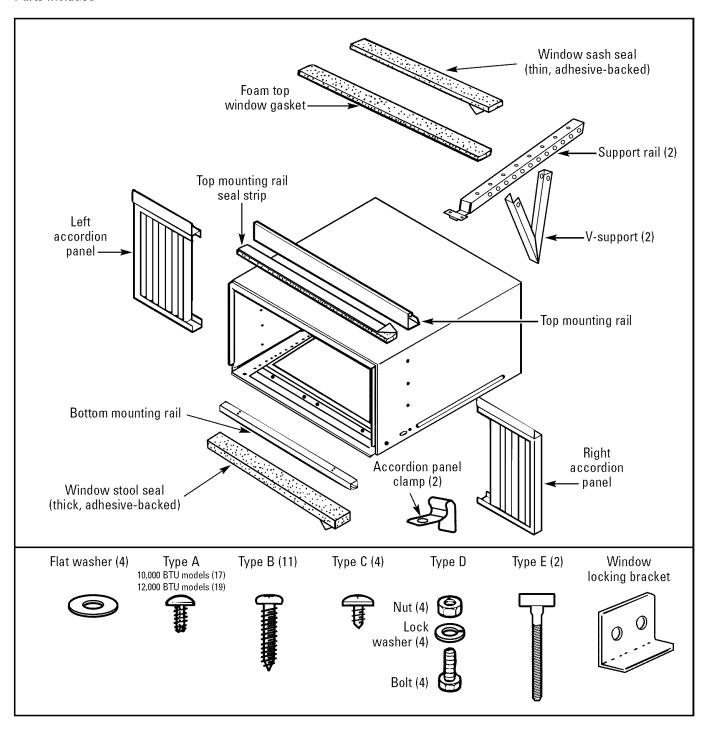
Tools You Will Need

- Phillips-head screwdriver
- Maria Adjustable wrench
- Ruler or tape measure
- Drill

- Scissors or knife
- Pencil
- Level

Window installation instructions.

Parts Included



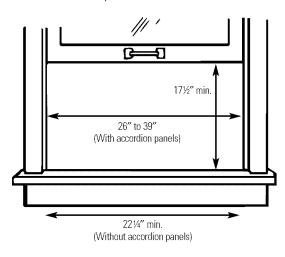
Read completely, then follow step-by-step.

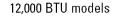


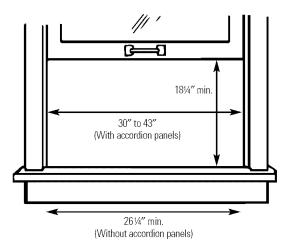
Window Requirements

- These instructions are for a standard doublehung window. You will need to modify them for other types of windows.
- The air conditioner can be installed without the accordion 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.

10,000 BTU models



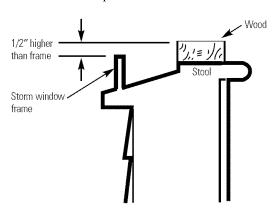






Storm Window Requirements

A storm window frame will not allow the air conditioner to tilt towards 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.

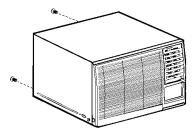
THICKNESS: To determine the thickness, place a piece of wood on the stool to make it 1/2'' higher than the top of the storm window frame.

Attach securely with nails or screws provided by the installer.

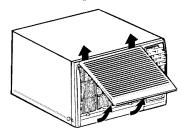
Window installation instructions.

Remove the Air Conditioner From the Case

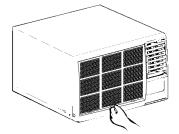
Remove and discard the 2 shipping screws from the bottom rear of the case.



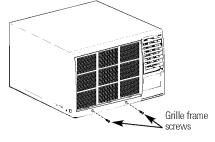
Pull to unlatch the lower corners of the inlet grille and lift it up and off.



Using the tab, pull up slightly on the filter to release it and pull it down to remove.

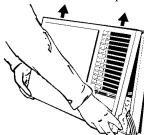


Remove the two grille frame screws.

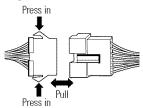


Grasp the lower corners of the grille frame while pressing in on the case sides with your finger tips. Pull out to release and lift it up.

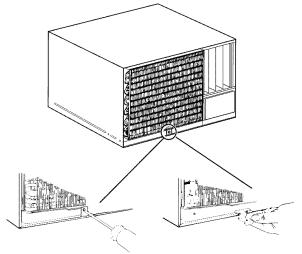
NOTE: Do not pull the bottom edge toward you more than 3" or you may damage the tabs of the grille.



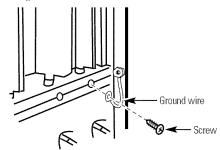
On some models, you must also disconnect the control connectors before the grille frame can be removed. Press the locking tabs in while pulling on the other side to release.



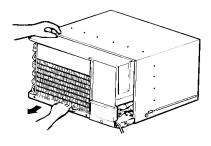
Remove the locking screw and locking bracket from the lower front of the unit.



Remove the screw securing the ground wire to the right side face of the unit.

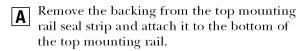


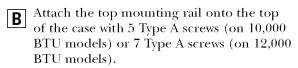
Slide the air conditioner from the case by gripping the base pan handle and pulling forward while bracing the case.

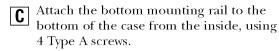




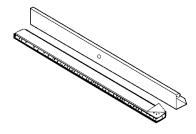
Install the Mounting Rails onto the Case

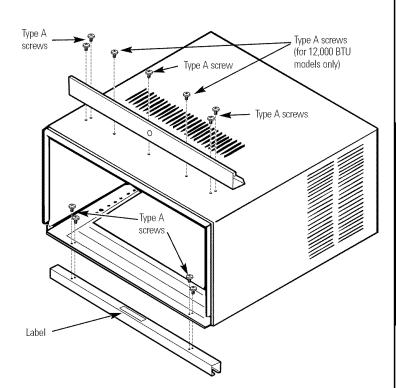






NOTE: Refer to the label on the bottom mounting rail for proper orientation of the rail.



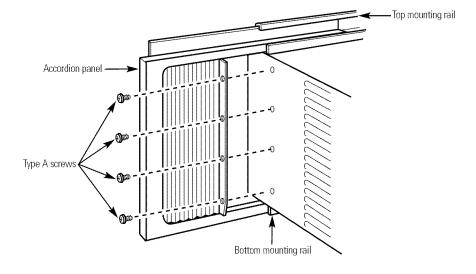


Window installation instructions.



Install the Side Accordion Panels

- Slide the left and right accordion panels into the top and bottom mounting rails.
- Attach the accordion panels to the case using 4 Type A screws on each side.





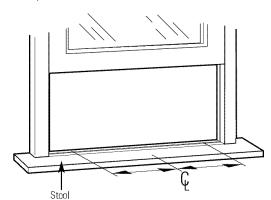
Prepare the Window

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



Mark the centerline of the stool. Measure and mark the locations for the support assemblies from both sides of the centerline:

> 10,000 BTU models – 10%" on each side 12,000 BTU models - 121/2" on each side

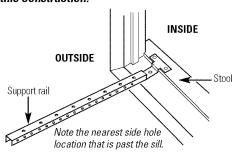


7

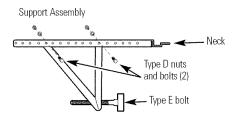
Place, Assemble and Install the Support Brackets

A Determine the position that the V-support will be placed within the support rail by placing the support rail against the back edge of the stool.

NOTE: If the wall extends past the sill, note the nearest side hole in the support rail that is past this construction.

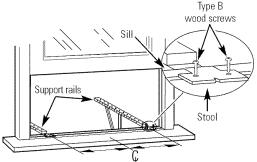


Assemble the V-support to the support rail using 2 Type D nuts, lock washers and bolts, at the location noted. The shortest portion of the V-support should be placed facing the neck of the support rail. Repeat for second V-support and support rail.

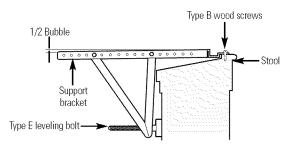


Thread a Type E bolt about 1/2 of the way into the outer face of the shortest angle of each V-support.

C Line up the V-notches in the support assemblies on the left and right marks on the stool. Make sure that the support rail is against the back of the stool and drill two 1/8" pilot holes into the stool through the holes in the support rail neck. Attach the support assemblies to the stool using 2 Type B screws in each assembly.

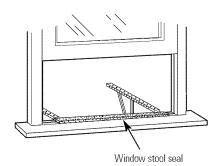


Adjust the Type E leveling bolts against the outside wall so that the assemblies have a slight tilt to the outside. Use a level; about a 1/2 bubble will be the correct slant to the outside.



NOTE: Use a wood block between the leveling bolts and the wall if the wall is weak or if the weight of the air conditioner falls between the studs in the wall.

Attach the adhesive side of the window stool seal (thick, adhesive-backed) to the window stool.

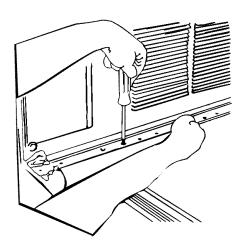


Window installation instructions.

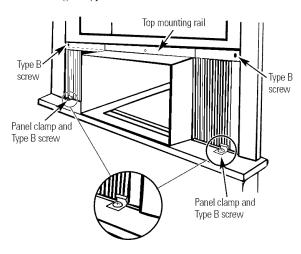


Install the Case in the Window

- A Carefully position the case in the window until the bottom mounting rail drops into the channels in the supports. Center the case and lower the window behind the top mounting rail. The case should be slightly tilted to the outside. Use a level; about a 1/2 bubble will be the correct case slant to the outside.
- Attach the bottom of the case to the support rail with four Type C screws, two on each side, with a flat washer under the head of each screw.



Extend the left and right accordion panels to the vertical window sashes and attach the top corners with 2 Type B screws. Use an accordion panel clamp on each lower corner to trap the panels. Attach them to the stool using 2 Type B screws.

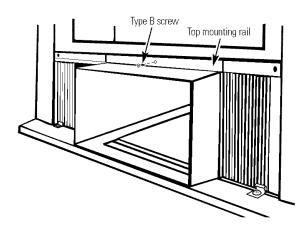


NOTE: Seal any openings around the case or accordion panels with sealer or foam gaskets.

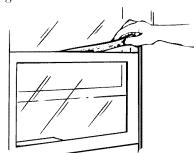


Secure the Case in the Window and Install the Foam Top Window Gasket

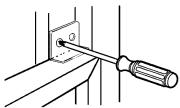
Drill a 1/8" pilot hole and attach the top mounting rail to the sash with a Type B screw.



- 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.

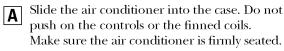


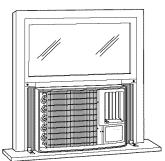
Attach the window locking bracket with 2 Type B screws.



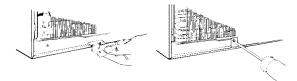


Install the Air Conditioner in the Case

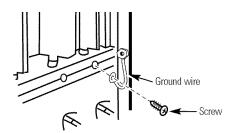




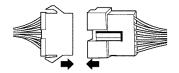
B Reinstall the locking brackets and screws removed earlier.



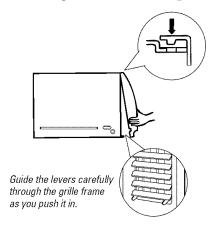
[C] *IMPORTANT!* Reconnect the ground wire to the air conditioner.



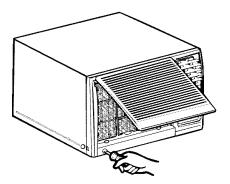
If your model has the control connectors, reconnect them to the front grille by pressing them together until the locking tabs snap into place.



Attach the front grille frame to the case by inserting the tabs on the grille frame into the slots on the front top of the case. Push the grille frame in until it snaps into place around the power cord on the right side.



Secure the front grille frame to the case by replacing the screws removed earlier.



Install the filter. Hook the inlet grille in the frame and close it. Connect power.

Through-the-wall installation instructions—optional.



IMPORTANT

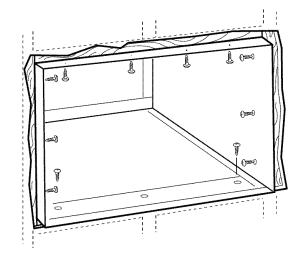
Through-the-wall installation is not appropriate if any of the side louvers in the case will be obstructed by the wall.

All side louvers in the case must project on the outdoor side of the wall.

The room side of the case must project into the room at least 1¾" from the finished wall.

The case must be installed level from side-to-side and with a slight tilt from front to rear. Use a level; about a 1/2 bubble will be the correct case slant to the outside.

- Remove the air conditioner from the case. For specific instruction, refer to the *Window Installation Instructions*.
- **B** Make certain a wall receptacle is available close to the hole location or make arrangements to install a receptacle.



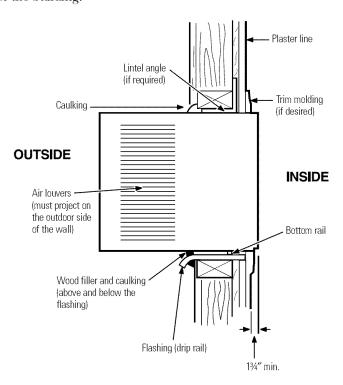
Place the case in the wall opening and secure with 12 1" long #10 wood screws.

NOTE: Drill pilot holes, if necessary, for proper installation. If the frame is oversized, use shims to prevent case distortion.



Finish the Wall Opening

Caulk all four sides on the outdoor side of the case to prevent moisture from getting through to the interior wall. Use of flashing (drip rail) will further prevent water from dripping inside the wall and down the outside of the building.



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Before you call for service...



Troubleshooting Tips.

Save time and money! Review the chart below first and you may not need to call for service.

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.	
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.	• Turn the temperature knob to a higher number.	
	The air filter is dirty.	• Clean the filter at least every 30 days. See the <i>Operating Instructions</i> section.	
	The room may have been hot.	• When the air conditioner is first turned on, you need to allow time for the room to cool down.	
	Cold air is escaping.	• Check for open furnace floor registers and cold air returns.	
		 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.	 Set the mode control at HIGH FAN or HIGH COOL with the temp at 1 or 2. 	
Water drips outside	Hot and 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.	

Before you call for service...

Normal Operating Sounds

- Mary 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.
- May 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 Service Protection Plus™

GE, a name recognized worldwide for quality and dependability, offers you Service Protection Plus[™]—comprehensive protection on all your appliances—**No Matter What Brand!**

Benefits Include:

- Backed by GE
- All brands covered
- Unlimited service calls
- All parts and labor costs included
- No out-of-pocket expenses
- No hidden deductibles
- One 800 number to call

We'll Cover Any Appliance. Anywhere. Anytime.*

You will be completely satisfied with our service protection or you may request your money back on the remaining value of your contract. No questions asked. It's that simple.

Protect your refrigerator, dishwasher, washer and dryer, range, TV, VCR and much more—any brand! Plus there's no extra charge for emergency service and low monthly financing is available. Even icemaker coverage and food spoilage protection is offered. You can rest easy, knowing that all your valuable household products are protected against expensive repairs.

Place your confidence in GE and call us in the U.S. toll-free at 800.626.2224 for more information.

*All brands covered, up to 20 years old, in the continental U.S.

Sut here

Please place in envelope and mail to:

General Electric Company
Warranty Registration Department
P.O. Box 32150
Louisville, KY 40232-2150

Consumer Product Ownership Registration

Dear Customer:

Thank you for purchasing our product and thank you for placing your confidence in us. We are proud to have you as a customer!

Follow these three steps to protect your new appliance investment:

Compyour C Produ Regist Have to mind of can co the un

Complete and mail your Consumer Product Ownership Registration today. Have the peace of mind of knowing we can contact you in the unlikely event of a safety modification.

2

After mailing the registration below, store this document in a safe place. It contains information you will need should you require service. Our service number is 800.GE.CARES (800.432.2737).

3

Read your Owner's Manual carefully. It will help you operate your new appliance properly.

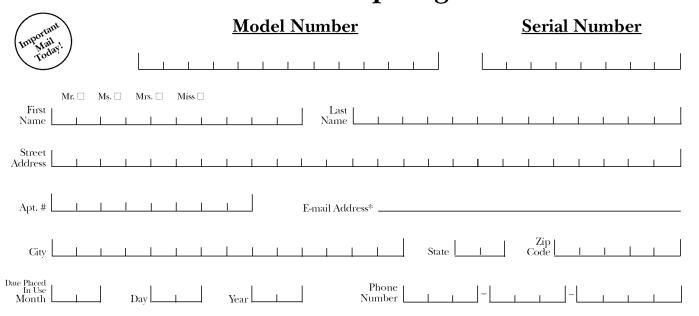
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Serial Number

Important: If you did not get a registration card with your product, detach and return the form below to ensure that your product is registered, or register online at www.GEAppliances.com.

S Cut here

Consumer Product Ownership Registration



* Please provide your e-mail address to receive, via e-mail, discounts, special offers and other important communications from GE Appliances (GEA).

☐ Check here if you do not want to receive communications from GEA's carefully selected partners.

%

GE Appliances

GE Consumer Products General Electric Company Louisville, Kentucky www.GEAppliances.com

Air Conditioner Warranty.



All warranty service provided by our Factory Service Centers, or an authorized Customer Care® technician. To schedule service, on-line, 24 hours a day, visit us at www.GEAppliances.com, or call 800.GE.CARES (800.432.2737).

Staple your receipt here.
Proof of the original purchase
date is needed to obtain service
under the warranty.

For The Period Of:	We Will Replace:
One Year From the date of the original purchase	Any part of the air conditioner which fails due to a defect in materials or workmanship. During this full one-year warranty , we will also provide, free of charge , all labor and in-home service to replace the defective part.
Five Years From the date of the original purchase	Any part of the sealed refrigerating system (the compressor, condenser, evaporator and all connecting tubing) which fails due to a defect in materials or workmanship. During this four-year additional warranty, we will also provide, free of charge, all labor and in-home service to replace the defective part.

What Is Not Covered:

- Service trips to your home to teach you how to use the product.
- Improper installation, delivery or maintenance. 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.
- In commercial locations labor necessary to move the unit to a location where it is accessible for service by an individual technician.

- Replacement of house fuses or resetting of circuit breakers.
- Failure due to corrosion on models not corrosionprotected.
- 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.
- Damage after delivery.

This warranty is extended to the original purchaser and any succeeding owner for products purchased for home use within the USA. In Alaska, the warranty excludes the cost of shipping or service calls to your home.

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.

Warrantor: General Electric Company. Louisville, KY 40225

Consumer Support.



GE Appliances Website

www.GEAppliances.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, order parts, catalogs, or even schedule service on-line. You can also "Ask Our Team of Experts™" your questions, and so much more...



Schedule Service

www.GEAppliances.com

Expert GE repair service is only one step away from your door. Get on-line and schedule your service at your convenience 24 hours any day of the year! Or call 800.GE.CARES (800.432.2737) during normal business hours.



Real Life Design Studio

www.GEAppliances.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).



Extended Warranties

www.GEAppliances.com

Purchase a GE extended warranty and learn about special discounts that are available while your warranty is still in effect. You can purchase it on-line anytime, or call 800.626.2224 during normal business hours. GE Consumer Home Services will still be there after your warranty expires.



Parts and Accessories

www.GEAppliances.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. Other servicing generally should be referred to qualified service personnel. Caution must be exercised, since improper servicing may cause unsafe operation.



Contact Us

www.GEAppliances.com

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



Register Your Appliance

www.GEAppliances.com

Register your new appliance on-line—at your convenience! Timely product registration will allow for enhanced communication and prompt service under the terms of your warranty, should the need arise. You may also mail in the pre-printed registration card included in the packing material.

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