



Air Conditioner

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Heat/Cool Models
AJJ09D AJK06L
AJJ10D AJK08A
AJJ11D AJK10D

Help us help you...

Before using your air conditioner, read this book carefully.

It is intended to help you operate and maintain your new air conditioner properly.

Keep it handy for answers to your questions.

If you don't understand something or need more help, write (include your phone number):

Consumer Affairs
GE Appliances
Appliance Park
Louisville, KY 40225

Write down the model and serial numbers.

You'll find them on a label on the frame of the air conditioner behind the front grille. See how to remove the front grille on page 6.

These numbers are also on the Consumer Product Ownership Registration Card that came with your air conditioner. Before sending in this card, please write these numbers here:

Model Number

Serial Number

Use these numbers in any correspondence or service calls concerning your air conditioner.

If you received a damaged air conditioner . . .

Immediately contact the dealer (or builder) that sold you the air conditioner.

Save time and money. Before you request service . . .

Check the Problem Solver on page 7. It lists causes of minor operating problems that you can correct yourself.

Important Safety Instructions

Read all instructions before using this appliance.

When using this appliance, always exercise basic safety precautions, including the following:

- **Use this appliance only for its intended purpose** as described in this Use and Care Guide.
- **This air conditioner must be properly installed in accordance with the Installation Instructions before it is used.** See grounding instructions on page 9.
- **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.
- **Unplug your air conditioner before making any repairs.** 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.

SAVE THESE INSTRUCTIONS

If You Need Service

To obtain service, see the Consumer Services page in the back of this book.

We're proud of our service and want you to be pleased. If for some reason you are not happy with the service you receive, here are three steps to follow for further help.

FIRST, contact the people who serviced your appliance. Explain why you are not pleased. In most cases, this will solve the problem.

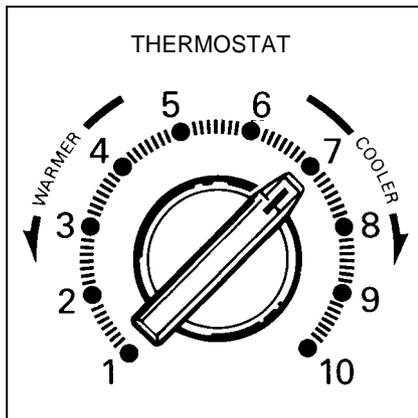
NEXT, if you are still not pleased, write all the details (including your phone number) to:

Manager, Consumer Relations
GE Appliances
Appliance Park
Louisville, Kentucky 40225

FINALLY, if your problem is still not resolved, write:

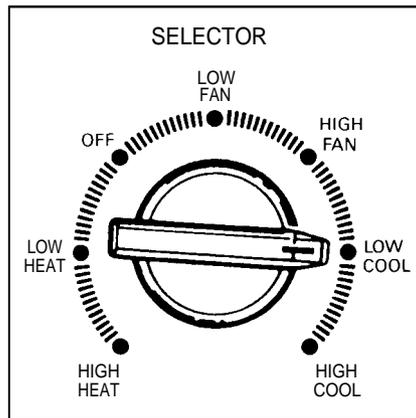
Major Appliance
Consumer Action Panel
20 North Wacker Drive
Chicago, Illinois 60606

Operating Your Air Conditioner Controls



Thermostat Control

When you turn this control to the desired setting, the thermostat will automatically control the temperature of the indoor air. The higher the number selected, the cooler the indoor air will be. The lower the number selected, the warmer the indoor air will be.



Selector Switch

OFF turns air conditioner off.

HIGH FAN permits high fan speed operation without cooling or heating.

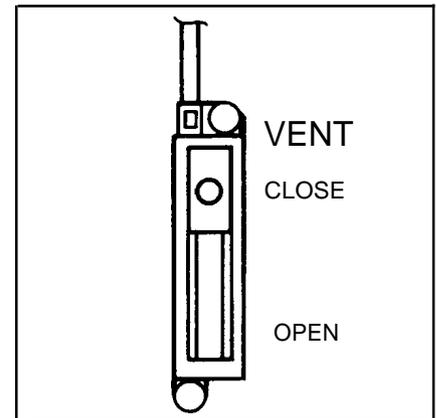
LOW FAN permits low fan speed operation without cooling or heating.

LOW COOL permits cooling with low fan speed operation.

HIGH COOL permits cooling with high fan speed operation.

LOW HEAT permits heating with low fan speed operation.

HIGH HEAT permits heating with high fan speed operation.



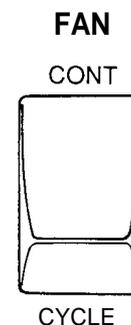
Ventilation Control

When this control is set at CLOSE, only the air inside the room can be **circulated** and conditioned. When it's in the OPEN position, some indoor air can be **exhausted** from the room.

Fan Switch

The Fan Switch, located behind the front grille, is set at **CONTINUOUS** at the factory to provide continuous fan operation in cool or heat modes. See how to remove the front grille on page 6.

If you want the fan to cycle on and off with the compressor or resistance heater, set the Fan Switch at **CYCLE**.



Operating Your Air Conditioner Controls (continued)

For Normal Cooling

1. Set Selector Switch at HIGH COOL.
2. Set Thermostat Control at **desired** number (**usually** the midpoint is a good starting position). If room temperature is not satisfactory after a reasonable time, set the temperature control at a higher number for a cooler room or at a lower number for a warmer room.

For Maximum Cooling

1. Set Selector Switch at HIGH COOL.
2. Set Thermostat Control at 10.
3. Set Ventilation Control at CLOSE position.
4. Shift Fan Switch to CONTINUOUS.

For Quieter Operation

1. Set Selector Switch at LOW COOL.
2. Set Thermostat Control at desired number.
3. Set Ventilation Control at CLOSE position.
4. Shift Fan Switch to desired position—CONTINUOUS or **CYCLE**.

For Nighttime Operation

During the cooler evening hours, it is recommended that you set the Selector Switch at LOW COOL for very quiet operation and the Thermostat Control at mid-range (**5** or **6**).

When the Thermostat Control is set on 9 or 10 and the Fan is set on low speed, moisture may freeze on the coils and prevent the unit from cooling. If this happens, set the Fan at high speed and set the Thermostat Control to a lower number.

For Extreme Temperatures

For greatest economy and best performance, we suggest you always set the Selector Switch at HIGH COOL in extremely hot weather.

For air circulation and filtering without cooling or heating

Set Selector Switch at HIGH FAN or LOW FAN.

For Ventilation

Whether controls are set for **cooling**, heating or fan **only** operation, setting Ventilation Control at OPEN lets room air be exhausted to the outside. This is helpful in removing stale air, smoke or odors from the room, and permits outdoor air to enter through normal openings in the house. However, cooling **effectiveness** is reduced when this control is set at OPEN, so we suggest you don't keep it there long—especially in hot, humid weather.

For Normal Heating

1. Set Selector Switch at HIGH HEAT.
2. Set Thermostat Control at desired number (**usually** the midpoint is a good starting position). If room temperature is not satisfactory after a-able time, set the temperature control at a lower number for a warmer room or at a higher number for a cooler room.

For Maximurn Heating

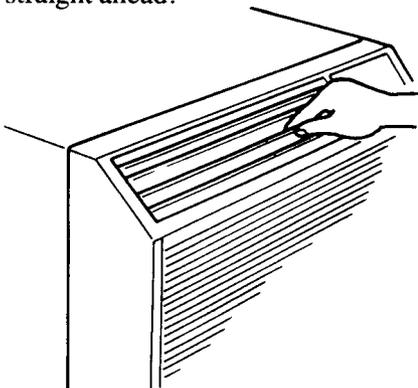
1. Set Selector Switch at HIGH HEAT.
2. Set Thermostat Control at 1.
3. Set Ventilation Control at CLOSE position.
4. Shift Fan Switch to CONTINUOUS.

Energy-Saving Tips

To Adjust Air Direction

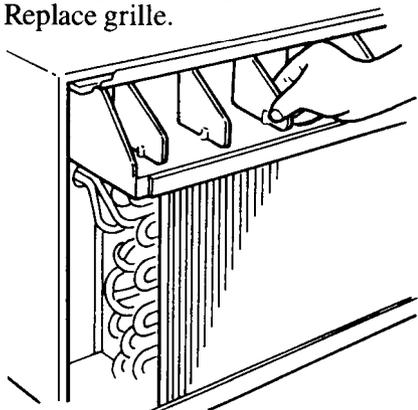
Up-and-down air direction:

Adjust louvers with your fingertips to direct discharged air **up**, down or straight ahead.



Side-to-side air direction:

Remove the front grille (see page 6), Adjust louvers with your fingertips to direct discharged air to the left, to the right or straight ahead. Replace grille.



- Keep the air filter clean. (See instructions on page 6.)
- For most efficient cooling, keep vent in closed position except when you want to exhaust air, smoke or odors from the room.
- Don't let the room get too hot or too cold. Whenever possible, turn the unit on before the room heats up or cools down.
- Keep windows and doors closed. Conditioned air escapes when they're open.
- Keep furnace floor registers and cold air returns closed. Conditioned air can easily escape through them.
- Don't block front of unit when it is operating. Curtains or drapes blocking it will restrict air flow.
- It's best to operate your air conditioner at high speed during extremely hot or cold weather.
- Keep outdoor condenser coil clean. (See page 6.)
- Turn air conditioner off before vacations or extended absences from home.

Care and Cleaning

USER MAINTENANCE INSTRUCTIONS

Turn air conditioner off and remove the plug from the wall outlet before cleaning.

Grille & Cabinet

Wipe both sides of grille with a clean cloth lightly dampened with mild liquid dishwashing detergent, or clean with a vacuum cleaner brush. Be careful not to force the movable louvers out of position.

Other areas behind the grille may be wiped or vacuumed, taking care not to damage the coil fins.

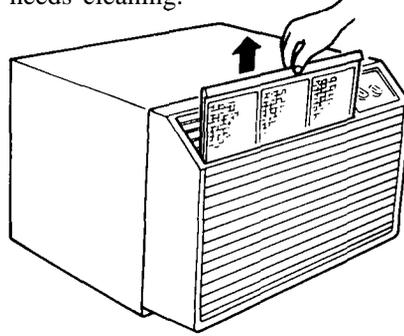
Wash cabinet with mild soap or detergent and lukewarm water. **Never use strong chemicals, solvents or bleaching agents.**

Condenser Coils

These coils on the weather side of the unit should be checked periodically and cleaned if clogged with dirt or soot from the atmosphere. If extremely soiled, they may need to be 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 as often as it needs cleaning.



To remove the filter:

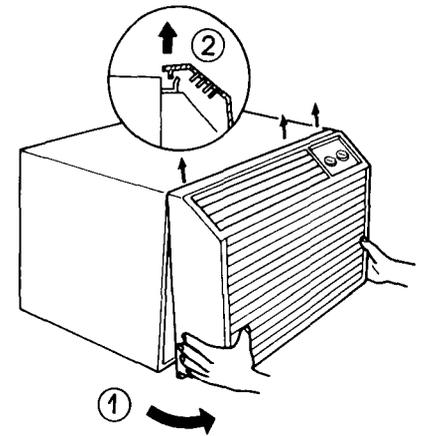
Grasp the tab at the air outlet on the front grille and pull it straight up.

Clean the filter with a vacuum cleaner to remove light dust. Wash the filter in lukewarm, soapy water and rinse in clear water to remove sticky dust.

When replacing the filter, be sure the word FRONT is facing you as you slide the filter back into place.

Front Grille Removal

The front grille can be removed for more thorough cleaning or to make the model and serial numbers accessible,



To remove the front grille:

1. Grasp the bottom of the grille and swing it toward you about 4 inches.
2. Slide the grille upward to free the three tabs at the top of the grille from slots in the top of the chassis.

To replace the grille, hook top of grille onto top of chassis and push bottom of grille in until it snaps into place.



Questions? Use This Problem Solver

PROBLEM	POSSIBLE CAUSE AND REMEDY
AIR CONDITIONER DOES NOT OPERATE	<ul style="list-style-type: none"> ● Not plugged in. Plug may have been bumped loose by vacuum cleaner or furniture. ● If plugged in, fuse could have blown or circuit breaker may have been tripped.
AIR CONDITIONER "DOES NOT HEAT OR COOL AS IT SHOULD"	<ul style="list-style-type: none"> ● Curtains, blinds or furniture blocking front of air conditioner will restrict airflow, ● Thermostat Control may not be set high or low enough. Also, when Fan Switch is at CYCLE, the temperature in the room will vary more than when it's at CONTINUOUS. Turn knob to another number. Highest setting should provide maximum cooling. . Air filter dirty, should be cleaned at least every 30 days. See instructions on page 6. . Room may have been very hot or cold when air conditioner was first turned on. Allow time for it to cool down or warm up. ● Condition air maybe escaping through open furnace floor registers and cold air returns. ● Ventilation Control maybe set at OPEN, allowing outside air to enter room. ● Cooling coils have iced up. To melt ice, set the Fan at high speed and the Thermostat Control to a lower number.
OPERATING SOUNDS	<ul style="list-style-type: none"> ● Thermostat click, a metallic sound, maybe heard when compressor cycles on and off. This is normal. . Fan cycles on and off with compressor when Fan Switch behind front grille is at CYCLE and Selector Switch is in cool or heat position. Otherwise, fan runs continuously when air conditioner is on.
WATER DRIPPING OUTSIDE	<ul style="list-style-type: none"> ● Excess water may overflow in extremely hot and humid weather. This is normal.
WATER DRIPPING INSIDE	<ul style="list-style-type: none"> ● Air conditioner must be installed level or tilted slightly to the outside for proper water disposal.
WATER IN BASE PAN (ON OUTDOOR SIDE)	<ul style="list-style-type: none"> . This is normal for a short period in areas with little humidity; normal for a longer period in very humid areas. Moisture removed from indoor air drains to rear of cabinet where it is picked up by a fan and thrown against the outdoor condenser coil.

If you need more help.. call, toll free:
GE Answer Center™
800.626.2000
 consumer information service

Installation Instructions

IMPORTANT: Leave these instructions with the appliance.
OWNER: Keep these instructions for future use.

Electrical Safety— IMPORTANT... Please Read Carefully.

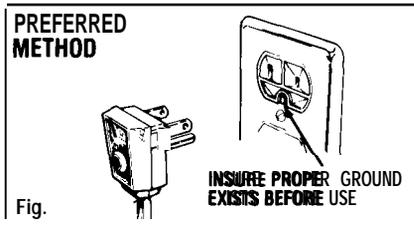
How to connect electricity

For personal safety, this appliance must be properly grounded.

Electrical requirement

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

The power cord on these models has a three-prong (grounding) plug that mates with a standard three-prong (grounding) wall outlet (Fig. 1) to minimize the possibility of electric shock hazard from these appliances.

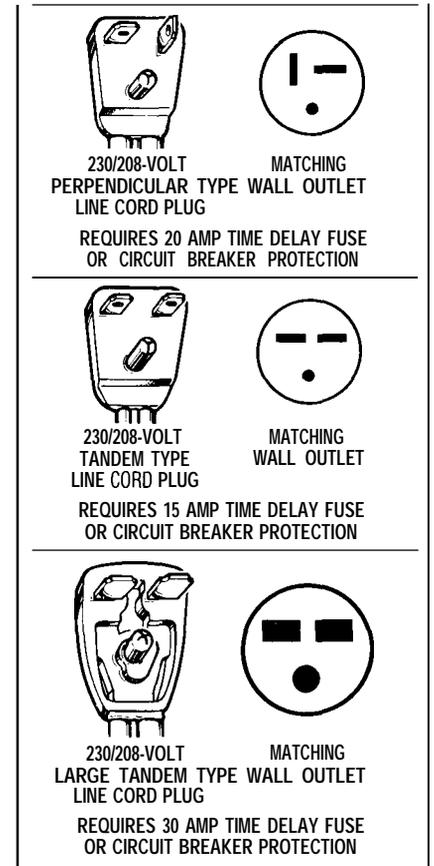


Where a standard two-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded three-prong wall outlet.

DO NOT, UNDER ANY CIRCUMSTANCES, CUT OR REMOVE THE THIRD (GROUND) PRONG FROM THE POWER CORD.

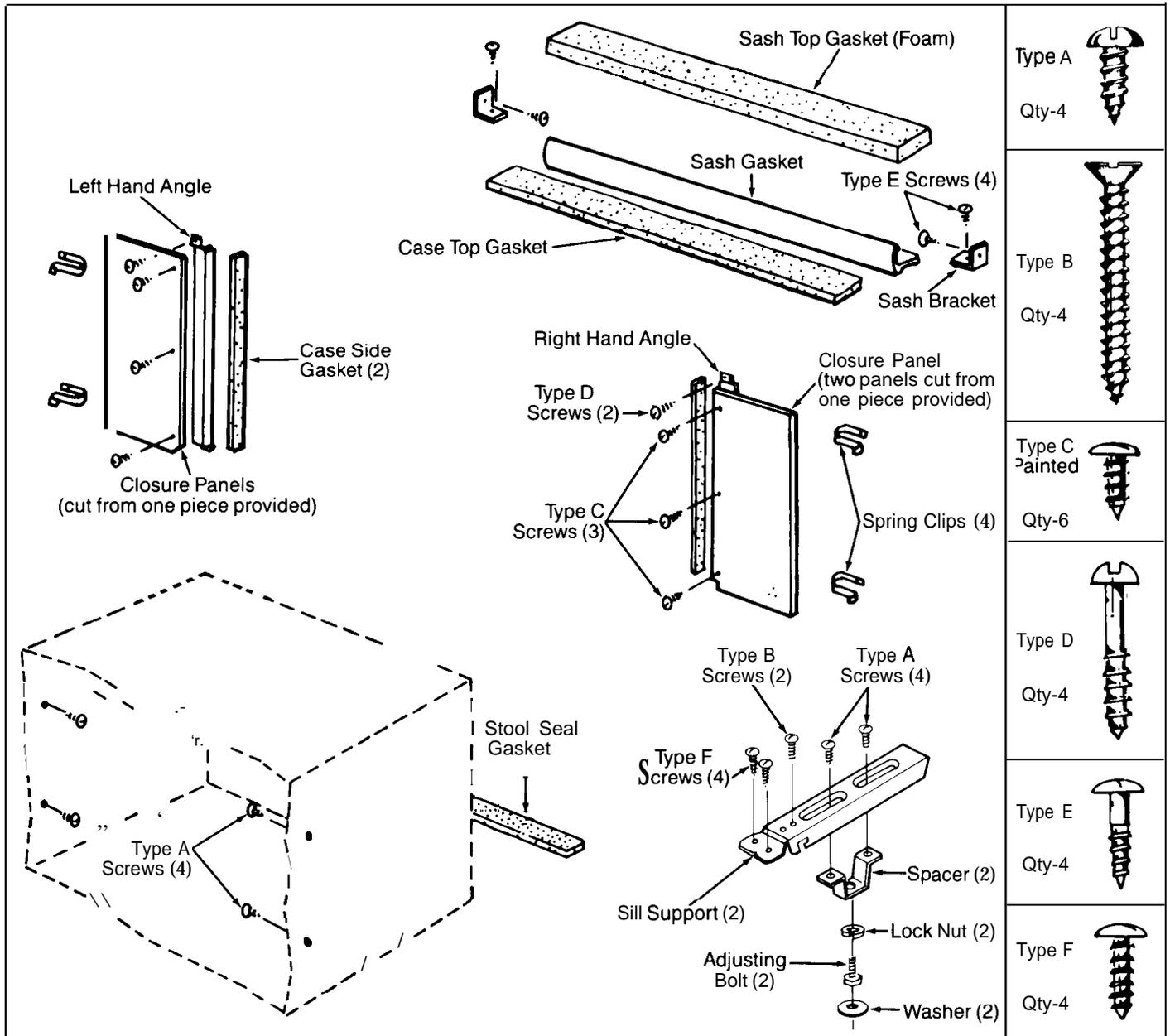
230/208-volt models require their own single branch circuit supplying 230/208-volt a.c., protected with a time delay fuse or circuit breaker. This is recommended for best performance and to prevent overloading house wiring circuits, which could cause a possible fire hazard from overheating wires.

The power cord on these models has a 230/208-volt perpendicular, tandem or large tandem type plug that mates respectively with a 230/208-volt perpendicular, tandem or large tandem type wall outlet. These types of outlets are available at most hardware stores.



Whether your air conditioner is a 115-volt or a 230/208-volt unit, 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.

Window Mounting (AJK models)



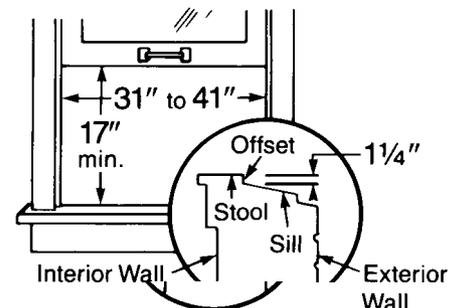
Tools Needed

- Phillips head screwdriver
- Adjustable wrench
- Wood saw
- Scissors or knife

Window Requirement

- Standard double-hung window with actual opening width of 31" to 41".
- Clear, vertical opening of 17" minimum from bottom of sash to stool.
- Stool offset (height between sill and stool) must be less than 172".

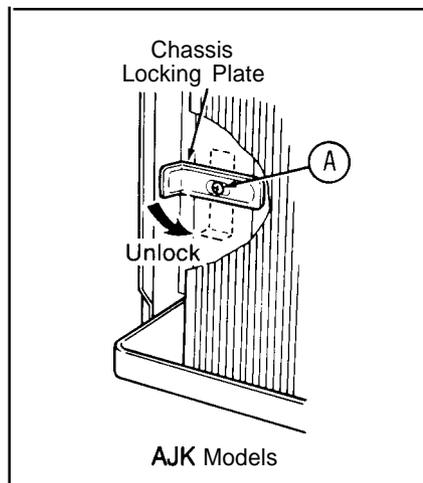
Note: All supporting parts should be secured to firm wood, masonry or metal.



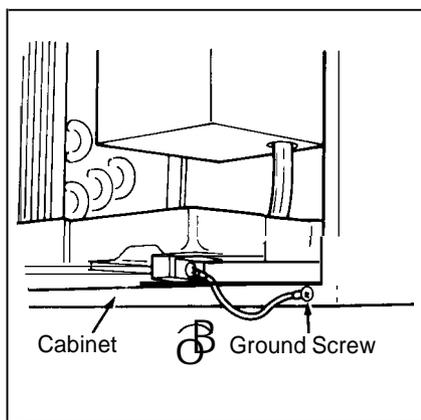
1. Prepare the Chassis.

(AJK models only—NJ models are shipped only with chassis and front grille.)

1. Remove chassis from cabinet.
2. Loosen the locking screw (A), then turn the chassis locking plate 90° downward as shown.



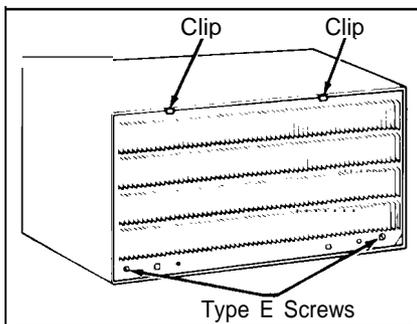
3. Loosen the ground screw (B), then remove the ground wire. Save the ground wire for reinstallation later.



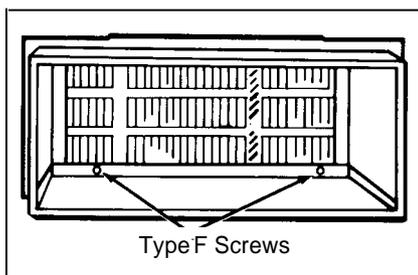
4. Pull the bottom corners of the chassis and slide it out from the cabinet.

2. Mount the Rear Grille.

1. While holding the grille at a 45° angle, insert it into clips at the top of the case and push it toward the unit. Keep slight upward pressure on the grille until it fits flush with the bottom of the cabinet.



2. Secure the bottom of the grille with 2 long grille screws provided with the grille.

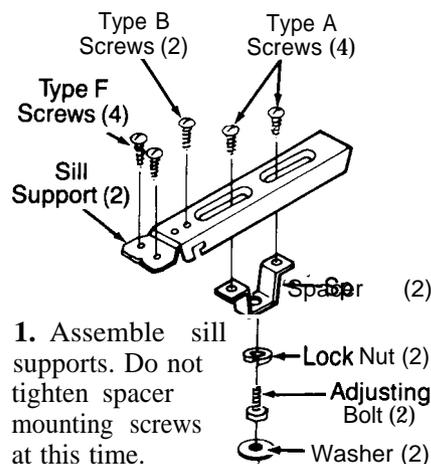


Note: The rear grille may be installed from the room side with 2 short screws provided with the grille.

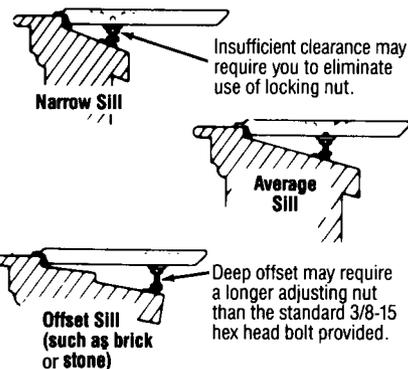
3. Prepare the Window.

1. Measure and mark the center of the window sill to establish the mounting position of your unit.
2. Mark the stool 12 $\frac{3}{8}$ " to the left and right of the center of the window opening. These are the centerlines for the sill supports.
3. Mark the stool 13 $\frac{3}{8}$ " to the left and right of the center of the window opening. These are the panel index marks.

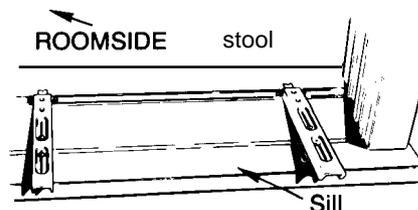
4. Install the Sill Supports.



1. Assemble sill supports. Do not tighten spacer mounting screws at this time.
2. Place sill support assemblies on window stool and select spacer position that will place the spacer near the outermost point on the sill. Tighten screws.



3. Install sill support assemblies by locating "V" notch in sill support, and aligning with sill support mark on stool. Secure with 2 type F screws (on each sill support) to rear of stool. Then install 1 Type B screw through one of the two sill support holes and into the sill.
4. Adjust sill supports to be level or 1/8" pitch toward the outside by adjusting bolt and tightening lock nut. If the sill is wood, the large washers, provided, should be used between the bolt head and the sill.

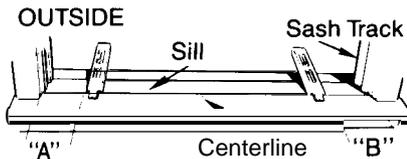


Window Mounting (AJK models)

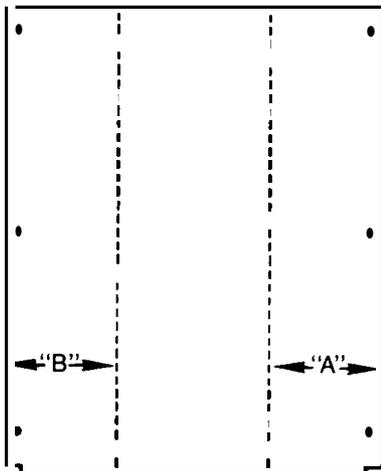
(continued)

5. Install Closure Panels.

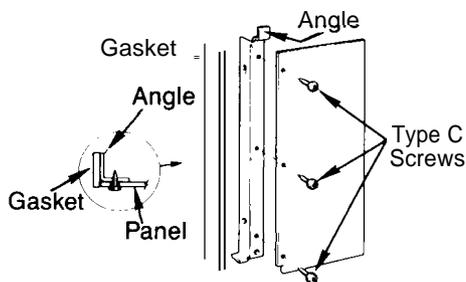
1. Measure from the edge of the panel index mark to the inside of the sash track.



2. Mark A & B dimensions on the panel (position of notches mark panels for identification) and cut.

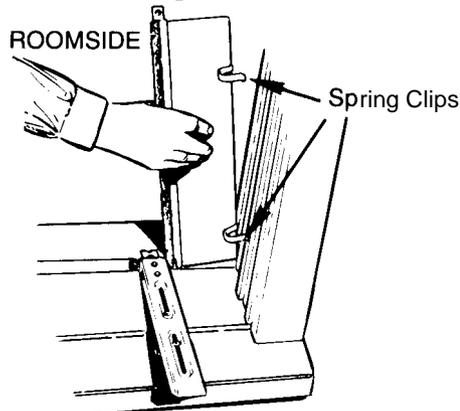


3. Assemble panels to angles with 3 Type C screws on each panel. Panel A must be assembled to the left case angle and Panel B to the right case angle.

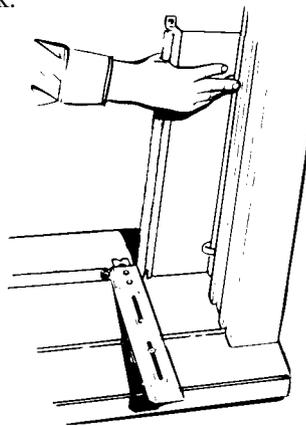


4. Remove paper backing from the gasket and apply the gasket to the edge of the pan and angle. Push pencil point through the gaskets to locate holes in the angles.

5. Install 2 spring clips to the outside edge of each panel, about 3" from the top and bottom.



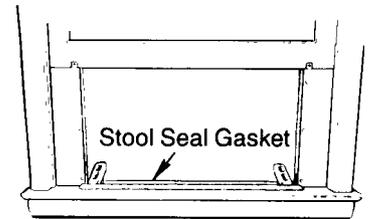
6. Insert the tab at the bottom of the closure panel assembly into the slot in the sill support. Insert the outer edge of the closure panel assembly into the sash track, and squeeze clips on the panel to fit in the sash track.



7. Repeat on opposite side.

6. Install Cabinet in Window.

1. Strip backing off stool seal gasket and place adhesive side down, with rear edge of gasket on line with rear of stool.

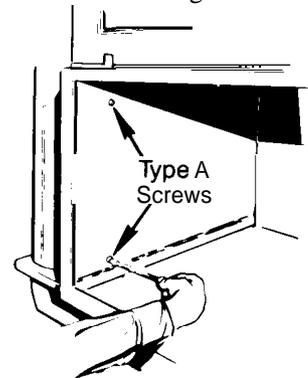


2. Carefully slide empty cabinet into window until preselected holes inside cabinet line up with holes in cabinet angles. Pull lower sash down behind top flange of closure panel angles.

- Be sure cabinet is installed right side up.

- Be sure seal gasket and panel gaskets remain in position and do not roll with the case.

3. From inside the cabinet, install 2 Type A screws through each side of the cabinet, through gaskets and into holes in case angles.



4. Remove backing paper from case top gasket and apply to top of cabinet under sash gasket.

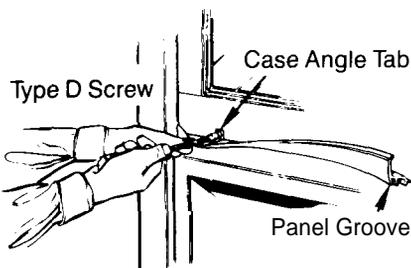
5. Position the sash gasket along the top of the case and insert tabs in the cabinet angles through the slots in the gaskets.

To Install Chassis into Cabinet or Wall Sleeve...

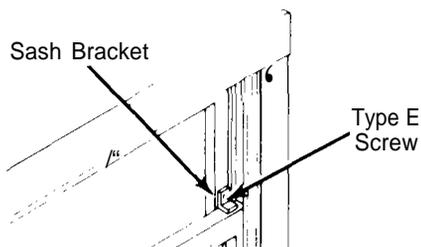
6. Using scissors or a knife, cut gasket neatly to window width on each side. Ends of gaskets should be flush with the sash trim.

7. Make sure gasket is positioned correctly along the top of the cabinet and the panels, and that the rear flange extends out and under the lower sash.

8. Make sure the lower sash is tightly behind the tab of the cabinet angles, and onto the rear flange of the gasket. Then bend the sash gasket downward to expose the tab of the case angles and install 2 **Type D** screws through the case angles and into the lower sash. Adjust to give neat appearance and tight seal.



9. Install the sash locking bracket using a Type E screw.

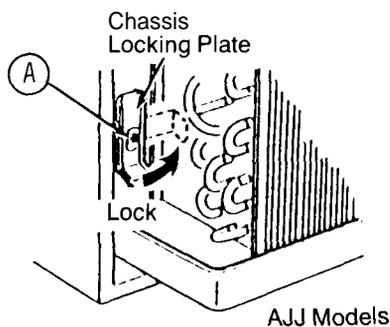
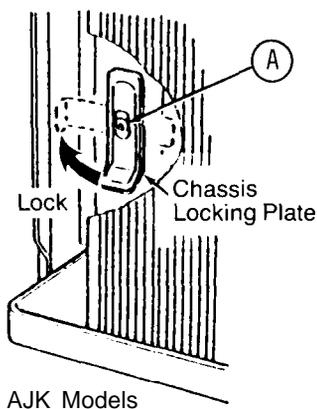


10. Cut the sash gasket to window width and stuff it between the top of the lower sash and glass panes of the upper sash. The foam gasket should be flush with the top of the lower sash.

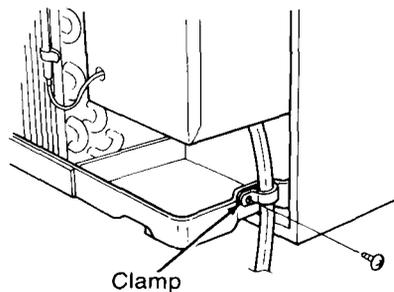


1. Slide the chassis into the installed cabinet (provided with AJK models) or wall sleeve RAB36, RAB37 or RAB38 (not provided) designed for AJJ models. Make sure that the tubing on the unit is not touching the wall case and that the wall case insulation is secure.

2. Turn the chassis locking plate 90° upward and lock the chassis with the plate.

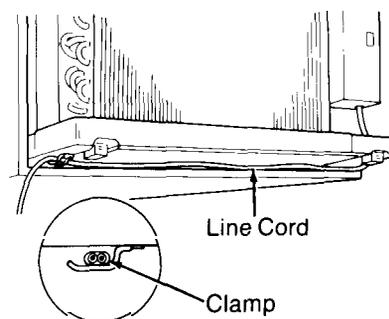


3. Secure the line cord to the base pan with the clamp provided.



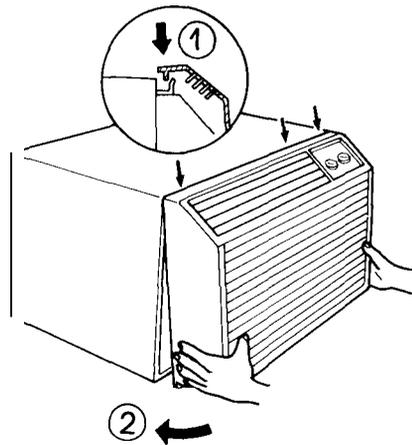
Ground Wire on AJK models, disconnected when the chassis was removed from the cabinet, must be reconnected to the cabinet as shown in step 3 under *Prepare the Chassis* on page 11.

WHEN THE LINE CORD RUN IS TO THE LEFT SIDE OF THE UNIT, extend enough cord to reach the wall receptacle. (Excess cord length may be stored in the space just below the electrical component box). Insert the line cord under the clamp provided with the unit.



This step must be followed before reinstalling the chassis locking plate.

4. Mount the grille on the front of the chassis by hooking the top of the grille onto the top of the chassis and pushing bottom of grille in until it snaps into place.



Notes

We'll Be There

With the purchase of your new GE appliance, receive the assurance that if you ever need information or assistance from GE, we'll be there. All you have to do is cdl—toll-free!



In-Home Repair Service

**800-GE-CARES
(800-432-2737)**

A GE Consumer Service professional will provide expert repair service, scheduled at a time that's convenient for you. Many GE Consumer Service company-operated locations offer you service today or tomorrow, or at your convenience (7:00 a.m. to 7:00 p.m. weekdays, 9:00 a.m. to 2:00 p.m. Saturdays). Our factory trained technicians know your appliance inside and out—so most repairs can be handled in just one visit.



Service Contracts

800-626-2224

You can have the secure feeling that GE Consumer Service will still be there after your warranty expires. Purchase a GE contract while your warranty is still in effect and you'll receive a substantial discount. With a multiple-year contract, you're assured of future service at today's prices.

Parts and Accessories

800-626-2002

Individuals qualified to service their own appliances can have needed parts or accessories sent directly to their home, free of shipping charge! The GE parts system provides access to over 47,000 parts.. and all GE Genuine Renewal Parts are fully warranted. VISA, MasterCard and Discover cards are accepted.

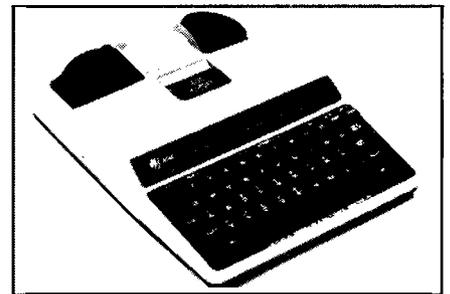
User maintenance instructions contained in this booklet cover procedures intended to be performed by any user. Other servicing generally should be referred to qualified service personnel. Caution must be exercised, since improper servicing may cause unsafe operation.



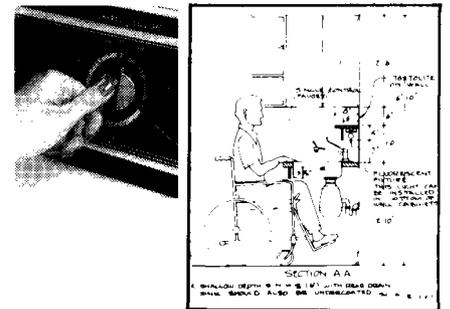
GE Answer Center®

800.626.2000

Whatever your question about any GE major appliance, GE Answer Center® information service is available to help. Your cdl—and your question—will be answered promptly and courteously. And you can call any time. GE Answer Center® service is open 24 hours a day, 7 days a week.



Telecommunication Device for the Deaf



For Customers With Special Needs...

800.626.2000

Upon request, GE will provide Braille controls for a variety of GE appliances, and a brochure to assist in planning a barrier-free kitchen for persons with limited mobility. To obtain these items, free of charge, call 800.626.2000.

Consumers with impaired hearing or speech who have access to a TDD or a conventional teletypewriter may call 800-TDD-GEAC (800-833-4322) to request information or service.

YOUR GE ROOM AIR CONDITIONER WARRANTY

Save proof of original purchase date such as your sales slip or cancelled check to establish warranty period.

WHAT IS COVERED

FULL ONE-YEAR WARRANTY

For one year from date of original purchase, we will provide, free of charge, parts and on-site service labor to repair or replace **any part of the room air conditioner** that fails because of a manufacturing defect.

FULL FIVE-YEAR WARRANTY

For five years from the date of original purchase, we will provide, free of charge, parts and on-site service labor to repair or replace **any part of the sealed refrigerating system** (the compressor, condenser, evaporator and all connecting tubing) that fails because of a manufacturing defect.

For each of the above warranties:

Transportation expense to and from a service shop and shop service labor if required will be free of charge.

This warranty is extended to the original purchaser and any succeeding owner for products purchased for use in the 48 mainland states, Hawaii and Washington, D.C. In Alaska the warranty is the same except that it is LIMITED because you must pay to ship the product to the service shop or for the service technician's travel costs to your home.

All warranty service will be provided by our Factory Service Centers or by our authorized Customer Care® servicers during normal working hours.

Look in the White or Yellow Pages of your telephone directory for GENERAL ELECTRIC COMPANY, GENERAL ELECTRIC FACTORY SERVICE, GENERAL ELECTRIC-HOTPOINT FACTORY SERVICE or GENERAL ELECTRIC CUSTOMER CARE® SERVICE.

WHAT IS NOT COVERED

- Service trips to teach you how to use the product.

Read your Use and Care material.

If you then have any questions about operating the product, please contact your dealer or our Consumer Affairs office at the address below, or call, toll free:

GE Answer Center®

800.626.2000

consumer information service

- Improper installation.

If you have an installation problem, or if the air conditioner is of improper cooling or heating capacity for the intended use, contact your dealer or installer. You are responsible for providing adequate electrical connecting facilities.

- . Replacement of fuses or resetting of circuit breakers.

. In commercial locations labor **necessary** to move the unit to a location where it is accessible for service by an individual technician.

- Failure of the product resulting from modifications to the product or due to unreasonable use including failure to provide reasonable and necessary maintenance.

. Failure due to corrosion on models not corrosion-protected.

. Damage to the product caused by improper power supply voltage, accident, fire, floods or acts of God.

WARRANTOR IS **NOT** RESPONSIBLE FOR CONSEQUENTIAL DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. 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 in your state, consult your local or state consumer affairs office or your state's Attorney General.

Warrantor: General Electric Company

**If further help is needed concerning this warranty, write:
Manager—Consumer Affairs, GE Appliances, Louisville, KY 40225**