

Installation Instructions

Air Conditioner

? Questions? Call 800.GE.CARES (800.432.2737) or Visit our Website at: GEAppliances.com
In Canada, call 1.800.561.3344 or visit www.GEAppliances.ca



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.

I ELECTRICAL REQUIREMENTS



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

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



Some models require 230/208-volt AC, 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.



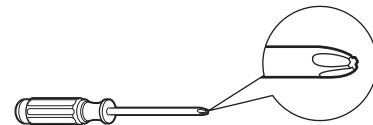
⚠ CAUTION:

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

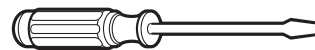
Do not change the plug on the power cord of this air conditioner.

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

TOOLS YOU WILL NEED



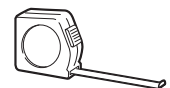
Phillips head screwdriver



Flat-blade screwdriver



Pencil



Ruler or tape measure



Level

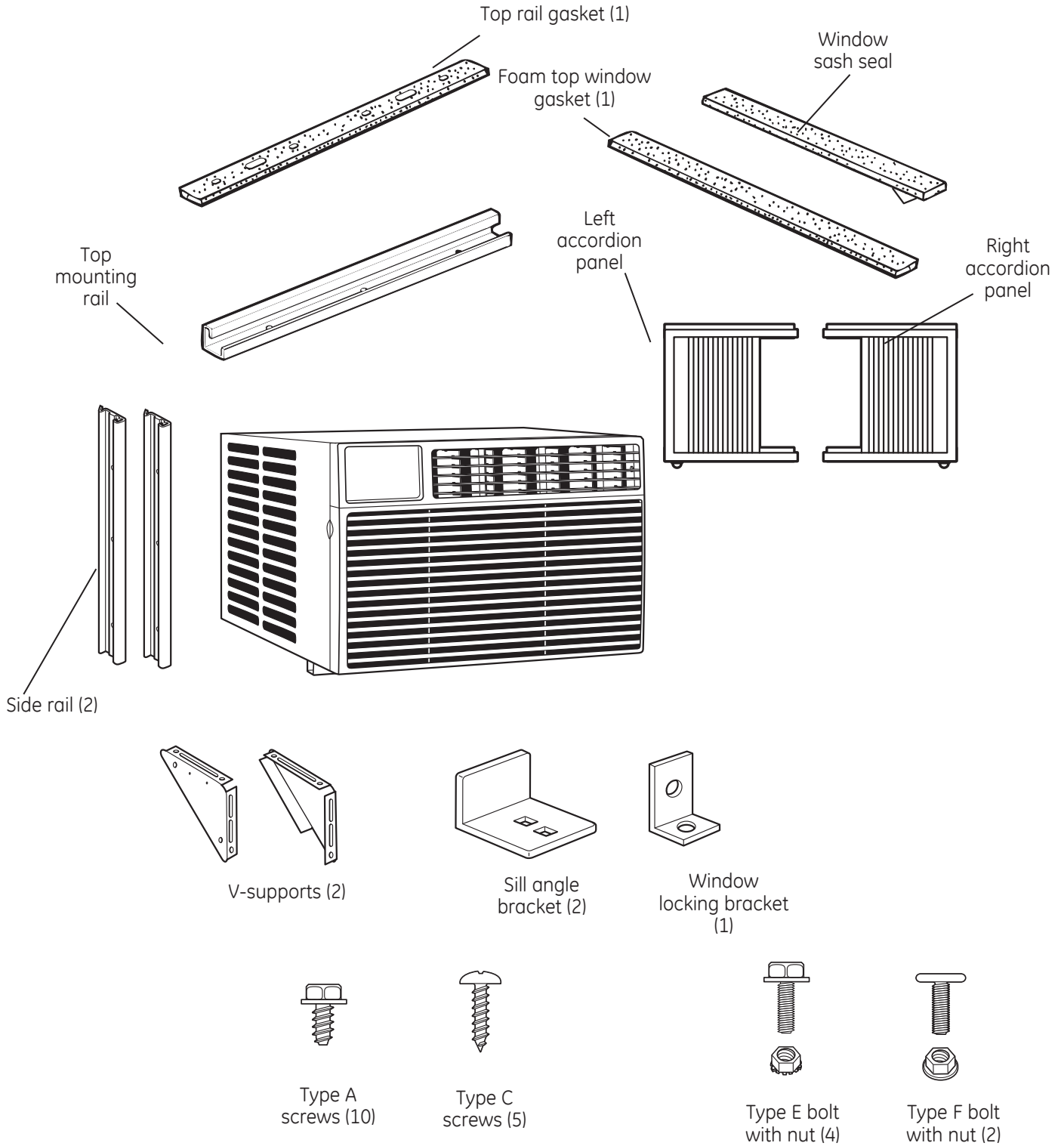


Scissors or knife

Power cord includes a current interrupter device. A test and reset button is provided on the plug case. The device should be tested on a periodic basis by first pressing the TEST button and then the RESET button while plugged into the outlet. If the TEST button does not trip or if the RESET button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician.

Installation Instructions

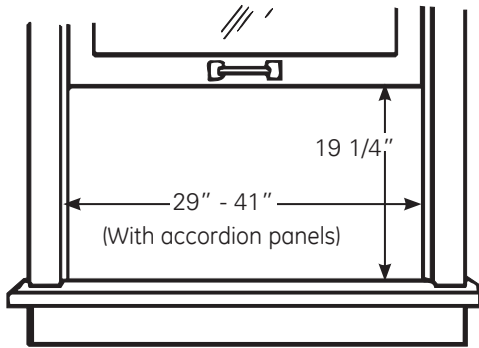
PARTS INCLUDED (Appearance may vary)



Installation Instructions

1 WINDOW REQUIREMENTS

- These instructions are for a standard double-hung window. You will need to modify them for other types of windows.
- All supporting parts must be secured to firm wood, masonry or metal.
- The electrical outlet must be within reach of the power cord.
- Follow the dimensions in the table and illustration for your model.



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 sill.

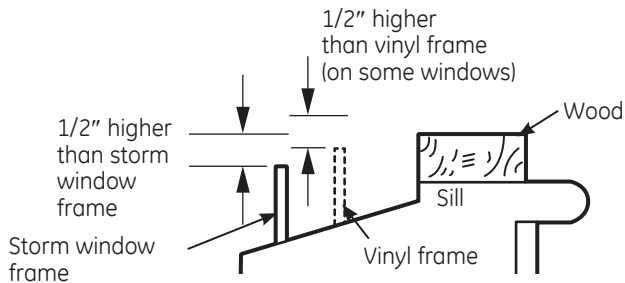
WOOD PIECES

WIDTH: 2"

LENGTH: Long enough to fit inside the window frame.

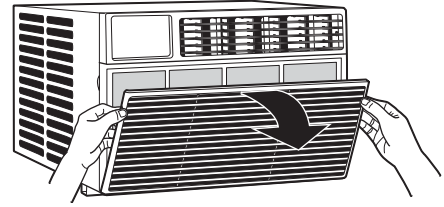
THICKNESS: The top of the wood should be 1/2" higher than the top of the storm window frame or the vinyl frame.

Attach securely with nails or screws provided by the installer.

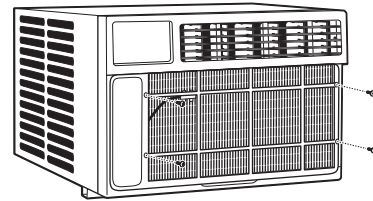


3 PREPARE THE AIR CONDITIONER

- A** Pull the top of the front panel out and down. Remove the filter. Remove the front panel by lifting up at an angle.

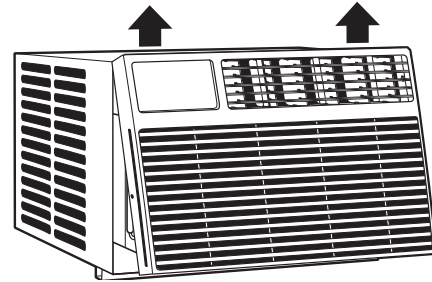


- B** Remove the four front screws. Save them for reinstalling the front housing.

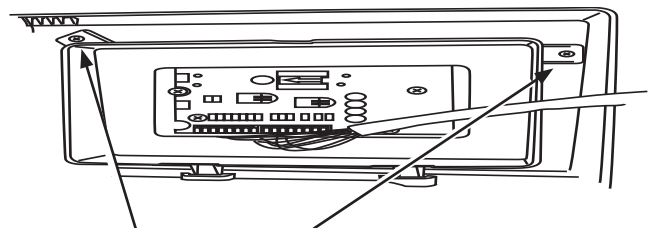


- C** Grasp the lower corners of the grille while pressing in on the case sides with your finger tips. Pull out to release and lift it up.

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



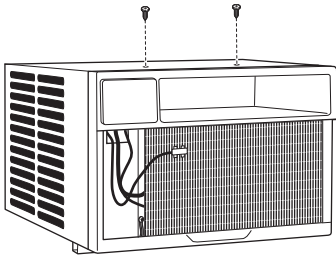
- D** When the front grille is removed the control panel will still be attached by a harness. Turn the grille around so you can see the back side of the grille. Remove the 2 screws to separate the control panel housing from the grille. **NOTE:** Be sure to save these screws. You will need them later in the installation.



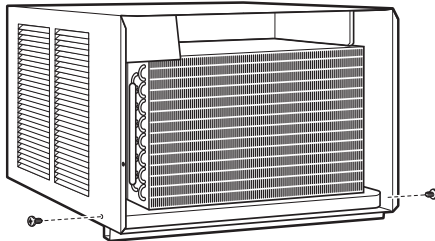
Installation Instructions

3 PREPARE THE AIR CONDITIONER (continues)

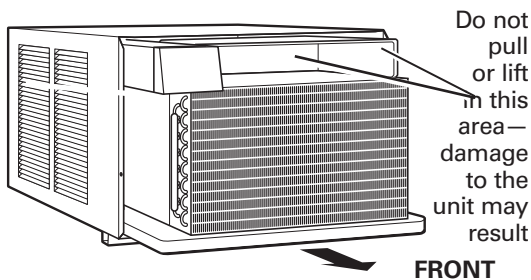
- E** Remove the shipping screws located on the top of the case.



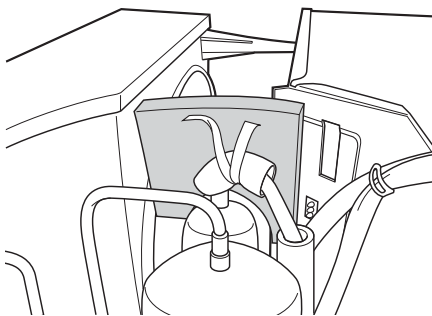
- F** Remove the ground screws from each side of the case. Keep them in a safe location. **NOTE: Be sure to save the ground screws. You will need them later in the installation.**



- G** Slide the air conditioner from the case by gripping the base pan handle, lifting up on the air conditioner, and pulling forward. Have a second person brace the case. Do not pull or lift on the styrofoam discharge area.

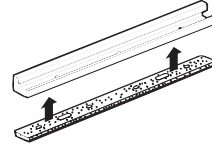


- H** Your unit may come with internal packaging. This packaging must be removed prior to installing the air conditioner back into the cabinet.

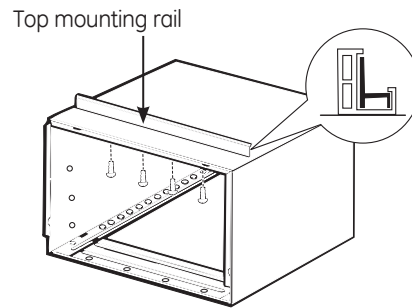


4 PREPARE THE CASE

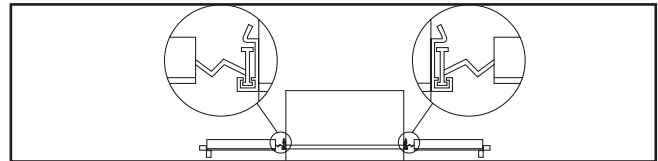
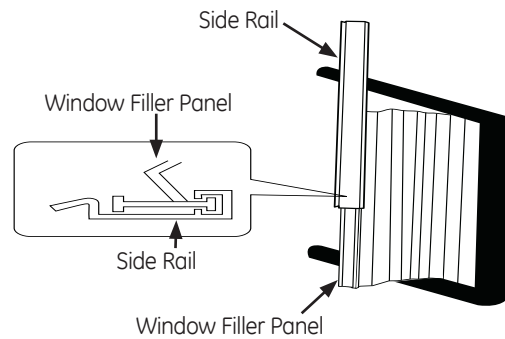
- A** Attach the top rail gasket to the bottom of the top mounting rail.



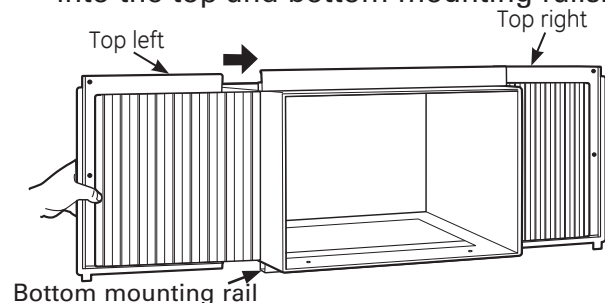
- B** Install the top mounting rail with 4 type A screws from the inside of the case. Press firmly to drive the screws into the gasket and through the top mounting rail.



- C** Slide each side rail onto the edge of each according panel. The figure shows the orientation of each accordion panel and side retainer assembly relative to the case from a top view of the unit.



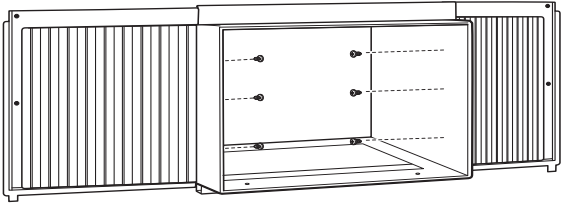
- D** Slide the left and right accordion panels into the top and bottom mounting rails.



Installation Instructions

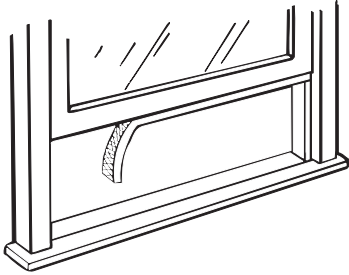
4 PREPARE THE CASE (continues)

- E** Attach the side retainers to the case using 6 type A screws. Mount the screws from the inside of the wall case.

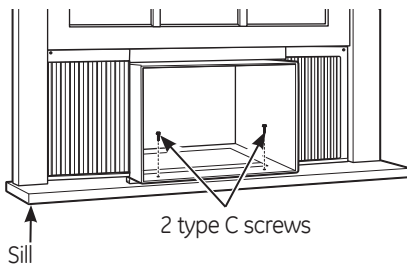


5 PREPARE THE WINDOW AND INSTALL THE CASE

- A** Cut the window sash seal to the length of the window sash. Peel off the backing and attach the seal to the underside of the window sash.

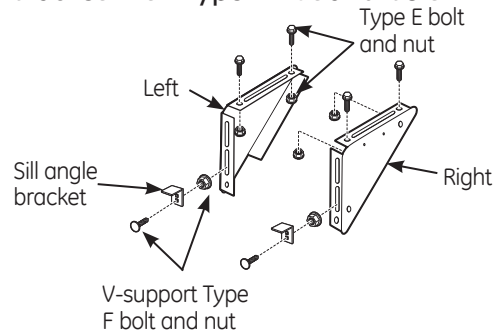


- B** Open the window and mark the center of the window sill.
- C** Carefully slide the case into the window and center the case. Lower the window behind the top mounting rail. Pull the bottom of the case forward so that the bottom mounting rail is tight against the back of the window sill. Mount the case to the window sill using 2 type C screws. Drill pilot holes, if necessary.

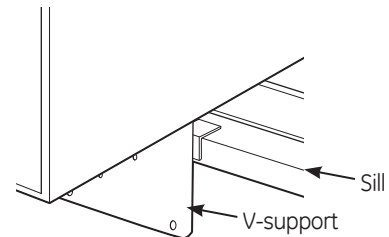
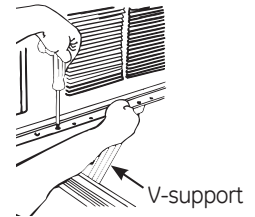


5 PREPARE THE WINDOW AND INSTALL THE CASE (continues)

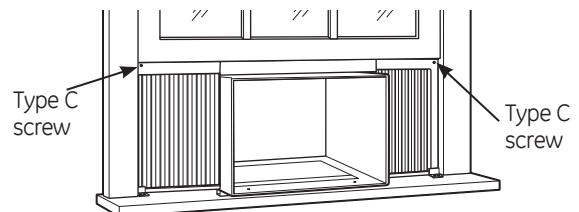
- D** Assemble the V-support and Sill Angle bracket with Type F nut and bolt



- E** Position the left V-support under the left side panel of the wall case and against the outside wall. Adjust the Sill Angle Bracket to rest on the sill. Attach the V-support to the wall case using 2 Type E bolts. Re-adjust the Sill Angle Bracket if necessary.
- F** Repeat with Right V-Support.



- G** Extend the left and right accordion panels to the vertical window sashes. Drill pilot holes and attach the top corners with 2 type C screws.



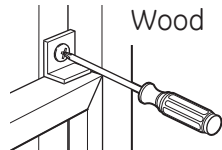
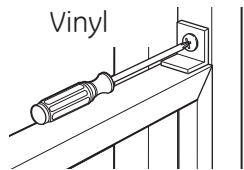
Installation Instructions

5 PREPARE THE WINDOW AND INSTALL THE CASE (continues)

H **CAUTION:**

To prevent broken glass or damage to windows, on vinyl or other similarly constructed windows, attach the window locking bracket to the window side jamb.

Attach the window locking bracket with one Type C screw.



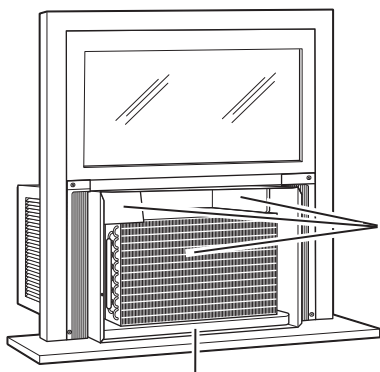
I Cut the foam top window gasket to the window width.

J Stuff the foam between the glass and the window to prevent air and insects from getting into the room.
NOTE: If the gasket supplied does not fit your window, obtain appropriate material locally to provide a proper installation seal.



6 INSTALL THE AIR CONDITIONER IN THE CASE

A Slide the air conditioner into the case by the base pan. Do not push on the controls, styrofoam air discharge housing or the finned coils. Make sure the air conditioner is firmly seated.

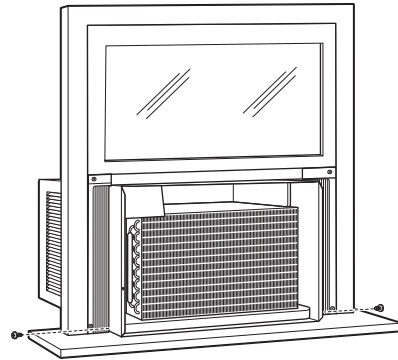


Do not press on these areas—
damage to the unit
may result

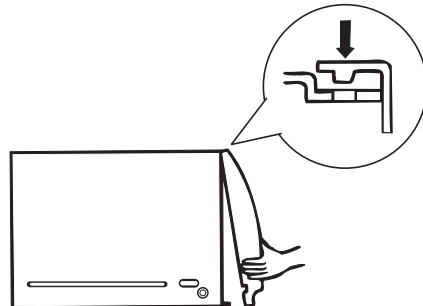
Base Pan

6 INSTALL THE AIR CONDITIONER IN THE CASE (continues)

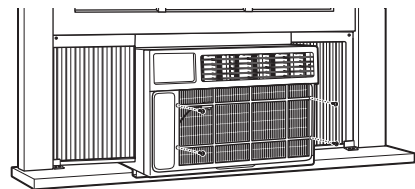
B Replace the 2 screws removed earlier, one on each side of the case.
IMPORTANT: THE GROUND SCREWS MUST BE REINSTALLED TO ENSURE PROPER GROUND.



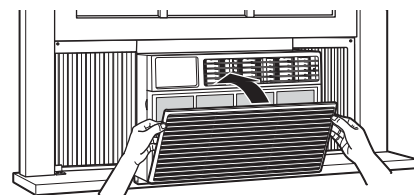
C Attach the front grille to the case by inserting the tabs on the grille into the slots on the front top of the case. Push the grille in.



D Replace the screws.



E Install the filter and the front grille.



F Plug in the air conditioner.

Through-the-Wall Installation Instructions—Optional

The case may be installed through-the-wall in both existing and new construction.

Read completely, then follow step-by-step.

NOTE: Obtain all materials locally for mounting the air conditioner through-the-wall.

1 IMPORTANT

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

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

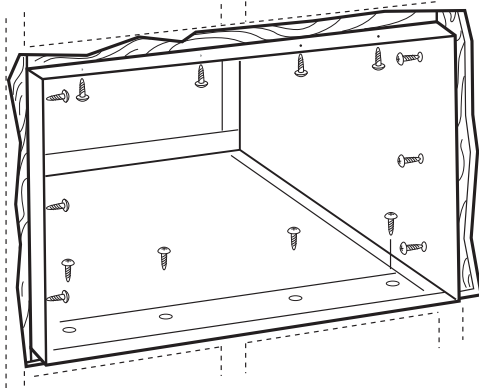
The room side of the case must project into the room far enough to maximize the balance of the unit.

The case must be installed level from side-to-side and with a slight tilt from front to rear. Use a level; no more than a 1/2 bubble will be the correct case slant to the outside.

Lintel angle is required to support bricks or blocks above opening.

Flashing is required and should extend the length of the opening to ensure no inside cavity leakage occurs.

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



- C** Place the case in the wall opening and place wood support strips between the case bottom and the flashing on both sides of the bottom rail. They should be the same height as the bottom rail and the same length as the wall opening.

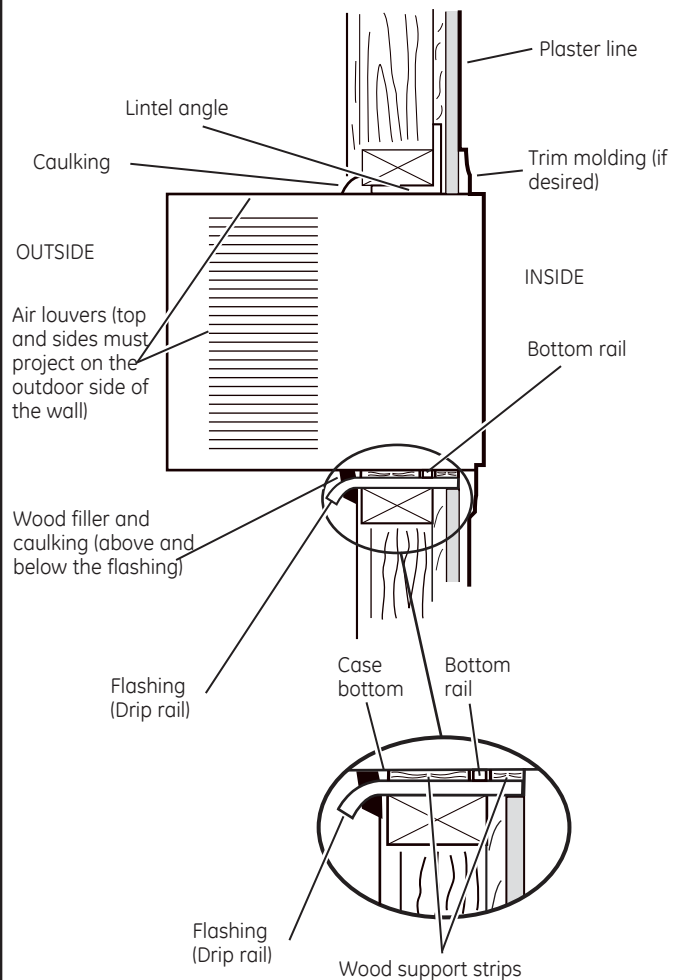
1 IMPORTANT (cont.)

- D** Secure with 14 wood screws anchored at least an inch into the wall support structure.

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

2 FINISH THE WALL OPENING

- A** 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.



- B** Place the air conditioner into the case. For specific instruction, refer to the Window Installation Instructions.