



GE APPLIANCES AIR CONDITIONER

24" Through-the-Wall

8 0 4 1 0 6 5 4 8

SAFETY INFORMATION IMPORTANT SAFETY INFORMATION READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

- ▲WARNING** For your safety, the information in this manual must be followed to minimize the risk of fire, electric shock or personal injury.
- Use this appliance only for its intended purpose as described in this Owner's Manual.
 - This air conditioner must be properly installed in accordance with the Installation Instructions before it is used.
 - Never unplug your air conditioner by pulling on the power cord. Always grip plug firmly and pull straight out from the receptacle.
 - Replace immediately all electric service cords that have become frayed or otherwise damaged. A damaged power supply cord must be replaced with a new power supply cord obtained from the manufacturer and not repaired. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end.
 - Turn the unit OFF and unplug your air conditioner before cleaning.
 - For your safety...do not store or use combustible materials, gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
 - If the receptacle does not match the plug, the receptacle must be changed out by a qualified electrician.

- ▲WARNING** USE OF EXTENSION CORDS
- RISK OF FIRE. Could cause serious injury or death.**
- DO NOT use an extension cord with this air conditioner.
 - DO NOT use surge protectors or multi-outlet adaptors with this air conditioner.

HOW TO CONNECT ELECTRICITY

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

DO NOT use an adapter plug with this appliance.

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

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

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.

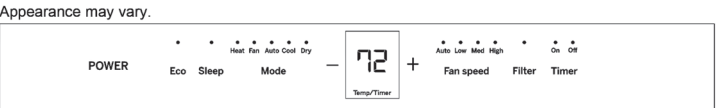
FCC Compliance Statement:

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

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

READ AND SAVE THESE INSTRUCTIONS

Using the Air Conditioner - Controls



Air Conditioner Controls

Lights above the touch pads on the air conditioner control panel indicate the selected settings.

- 1. POWER**
Turns air conditioner on and off.
- 2. Display**
Displays the temperature setting. Displays hours when setting the timer.
- 3. Mode**
Use to set COOL, HEAT (on some models), DRY, AUTO, or FAN modes. Indicator lights on the controls will show the mode selected.
- 4. Temp Increase + / Decrease - Pads**
Use to set temperature when in Auto, Cool, Dry or Heat (on some models) mode.
- 5. Fan Speed**
Use to set the fan speed at LOW, MEDIUM, or HIGH. Indicator lights will show the speed selected.
- 6. Timer**
ON - Use to set the air conditioner to automatically turn ON from .5 to 24 hours later.
OFF - Use to automatically turn the air conditioner OFF from .5 to 24 hours later.
- 7. Filter**
Monitors accumulated fan run time as a reminder to clean the filter.
- 8. Eco**
ON: Use to cycle the fan off when the compressor cycles off.
OFF: Use to run the fan continuously when in cooling or heating (on some models) mode.
- 9. Sleep**
Allows room temperature to increase (Cool mode) or decrease (Heat mode) during sleeping hours.

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



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 up to 21 feet.
- Make sure nothing is between the air conditioner and the remote control that could block the signal.
- Make sure the battery is fresh and installed correctly—see the **Care and Cleaning** section.

The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual. (Batteries Not Included)

Using the Air Conditioner - Features

- To Adjust Fan Speeds**
- Press the Fan Speed button to select the FAN Speed in four steps - Auto, Low, Med, or High. Each time the button is pressed, the fan speed mode is shifted.
- For some models, the fan speed can not be adjusted under HEAT mode. In DRY mode, the fan speed is controlled at low automatically.
- Sleep**
- Press the Sleep button to initiate the sleep mode. In this mode the selected temperature will increase (cooling) or decrease (heating) by 2°F / 1°C 30 minutes after the mode is selected. The temperature will then increase (cooling) or decrease (heating) by another 2°F / 1°C after an additional 30 minutes.
- This new temperature will be maintained for 7 hours before it returns to the originally selected temperature. This ends the Sleep mode and the unit will continue to operate as originally programmed. The Sleep mode program can be cancelled at any time during operation by pressing the Sleep button again.
- Check Filter**
- Press the Filter button to initiate this feature. This feature is a reminder to clean the air filter for more efficient operation.
- The LED (light) will illuminate after 250 hours of operation. To reset after cleaning the filter, press the Filter button and the light will go off.
- Eco - Energy Saver**
- Press the Eco button to initiate this feature. This feature is available on COOL, DRY, AUTO, (only AUTO-COOLING and AUTO-FAN) modes. The fan will continue to run for 3 minutes after the compressor shuts off.
- The fan then cycles on for 2 minutes at 10 minute intervals until the room temperature is above the set temperature, at which time the compressor turns back on and Cooling starts.

- To Select the Operating Mode**
- To choose operating mode, press the Mode button. Each time you press the button, a mode is selected in a sequence that goes from Auto, Cool, Dry, Heat (on some models) and Fan only. The indicator light above will be illuminated and remain on once the mode is selected.
- The unit will initiate the Energy Saver function under Cool, Dry, Auto (only Auto-Cooling and Auto-Fan) modes.
- To Operate on Auto Feature:**
- When you set the air conditioner in AUTO mode, it will automatically select cooling, heating (on some models) or fan only operation depending on what temperature you have selected and the room temperature.
 - The air conditioner will control room temperature automatically to the temperature set point.
- Timer: Auto Start / Stop**
- When the unit is on or off, first press the Timer button, the TIMER ON indicator light illuminates. It indicates the Auto Start program is initiated.
 - When the time of TIMER ON is displayed, press the Timer button again, the TIMER OFF indicator light illuminates. It indicates the Auto Stop program is initiated.
 - Press or hold the UP or DOWN button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours. The control will count down the time remaining until start.
 - The selected time will register in 5 seconds, and the system will automatically revert back to display the previous temperature setting or room temperature when the unit is on. (When the unit is off, there is no display.)
 - Turning the unit ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Auto Start/Stop timed program.

Fahrenheit vs. Celsius

To change the temperature display from Fahrenheit to Celsius, press – and + together and hold for 5 seconds.

Additional Features

The "Cool" circuit has an automatic 3 minute delayed start if the unit is turned off and on quickly. This prevents overheating of the compressor and possible circuit breaker tripping. The fan will continue to run during this time.

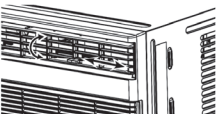
There is a 2 second delay for the compressor to stop when selecting FAN ONLY/HEAT. This is to cover the possibility of having to roll through to select another mode.

The control will maintain the set temperature within 1°F between 62°F and 86°F in cool or heat mode (on some models).

After a power outage, the unit will remember last setting and return the unit to that setting when power is restore.

Air Direction

Air directional louvers control air flow direction. The louvers will allow you to direct the air flow up or down and left or right throughout the room as needed until the desired left/right direction is obtained. Pivot horizontal louvers until the desired up/down direction is obtained.



Care and Cleaning

Air filter

To access the filter, grasp the front grille on both sides at the recess and tilt forward. Remove the filter by lifting up and out. Note the filter direction when re-installing.

Wash the filter using liquid dishwashing detergent and warm water. Rinse the filter thoroughly. Gently shake excess water from the filter.

Be sure the filter is thoroughly dry before replacing. Or, instead of washing, you may vacuum the filter until clean.

NOTE: Never use hot water over 104°F (40°C) to clean the air filter. Never attempt to operate the unit without the air filter.

Energy Saving Note

In order to reach maximum energy saving and comfort, it is recommended to use a cover to insulate the unit when the unit is not in use. The recommended cover size for the unit is 24.4" x 14.8" x 2.2" (W x H x D).

NOTE: Unplug the unit before installing a cover.

Cabinet

- Be sure to unplug the air conditioner to prevent shock or fire hazard. The cabinet and front may be dusted with an oil-free cloth or washed with a cloth dampened in a solution of warm water and mild liquid dishwashing detergent. Rinse thoroughly with a damp cloth and wipe dry.
- Never use harsh cleaners, wax, or polish on the cabinet front.
- Be sure to wring excess water from the cloth before wiping around the controls. Excess water in or around the controls may cause damage to the air conditioner.
- Plug in the air conditioner.

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 need to be professionally cleaned, a service available through GE Appliances service or other service companies.

How to Insert the Batteries in the Remote Control

1. Remove the battery cover by rotating it to the unlock position.
2. Insert a new battery, making sure that the (+) and (-) of the battery are installed correctly, (+) side up.
3. Reattach the cover by rotating it back into the lock position.

NOTES:

- Use 1 CR2025 (3 VDC) battery. Do not use rechargeable batteries.
- Remove the battery from the remote control if the system is not going to be used for an extended period of time.

Front Grille Removal

The front grille can be removed for a more thorough cleaning.

To remove:

1. Grasp the sides of the front grille by the recessed areas on each side and tilt forward.
2. Remove the filter by pulling forward and out.
3. Remove the two Phillips head screws located on the upper corners of the grille.
4. Push inward on each side of the metal chassis cover about 5" from the bottom. This will release the tabs on the grille from the metal chassis cover. Pull the bottom of the grille slightly forward while lifting the grille upward.
5. Once the grille is released, gently raise it upward to release the tabs from the top of the metal chassis cover.
6. To release the multi-pin electrical connector from the user interface, press both sides and gently pull apart.

Reverse the order to re-install the grille.

Installation Instructions

- 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 proper installation procedures as described in these instructions when installing this air conditioner.
- IMPORTANT NOTE**
- For optimal energy efficiency and performance, we recommend using the RAB24 Wall Sleeve and the supplied stamped aluminum outdoor grille or the RAB46B with the RAG13 stamped aluminum outdoor grille.
- For Existing Wall Sleeves**
- Note that the air conditioner dimensions are: 24" wide, 14" high, and 18" deep (without front). Install air conditioner according to these Installation Instructions to achieve the best performance. Save these Installation Instructions for future reference.
- NOTE:** Do not use any screws other than those specified here.
- Parts Included**
- You may not need all parts in the kit. Discard unused parts.
- | Name | Name |
|--------------------------------|---|
| Stuffer Seal | Toothed Washer for grounding screw |
| Seal | Grounding Screw |
| Seal | Grille (Aluminum) |
| Seal | Screw |
| Trim Frame (side legs) | Security Brackets for a 24" Wall Sleeve (in a separate packet with their 4 mounting screws) |
| Trim Frame (top & bottom legs) | Security Brackets for a 26" Wall Sleeve (in a separate packet with their 4 mounting screws) |
| Ground Wire (green) | |

ELECTRICAL REQUIREMENTS

▲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 are 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.

Accessory type and quantity may vary depending on the model.

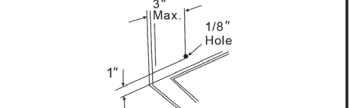
How to Install In Pre-Existing Wall Sleeve

1. Identify the wall-sleeve brand for your installation, from the chart below.
- | Wall Sleeve Dimensions (inches) | | | |
|---------------------------------|--------|--------|------------------|
| | Width | Height | Depth |
| White-Westinghouse | 25-1/2 | 15-1/4 | 16, 17-1/2 or 22 |
| Frigidaire | | | |
| Carrier (52F Series) | 26 | 15-5/8 | 15-7/8 |
| GE/Hotpoint | | | |
| Whirlpool | 25-7/8 | 16-1/2 | 17-1/8 or 23 |
| Fedders/Emerson | 27 | 16-3/4 | 16-3/4 or 19-3/4 |
| Sears/Kenmore | 25-3/4 | 16-7/8 | 18-5/8 |
| Carrier (51S Series) | | | |
| Emerson/Fedders | 20-3/4 | 15-3/4 | 15 |
| Friedrich | 27 | 16-3/4 | 16-3/4 |

NOTE: All wall sleeves used to mount the new air conditioner must be in sound structural condition and have a rear grille that securely attaches to sleeve, or rear flange that serves as a stop for the air conditioner.

IMPORTANT: When installation is complete, replacement unit MUST have a rearward slope as shown.

-
2. Remove old air conditioner from wall sleeve and prepare wall sleeve as follows:
 - Clean interior (do not disturb seals).
 - Wall sleeve must be securely fastened in wall before installing air conditioner. Drive more nails or screws through sleeve, into wall, if needed.
 - Repair paint if needed.
 3. If not pre-existing, drill a 1/8" hole to attach the supplied grounding wire to the left side of the wall sleeve (see approximate hole location dimensions in the illustration below). Use the toothed washer and pointed screw to attach one end of the supplied green striped ground wire to the inside of the wall sleeve. The toothed washer must be between the eyelet of the wire and the wall sleeve. **BE CAREFUL TO NOT OVERTIGHTEN THE SCREW.** Pull loose end of ground wire out front of sleeve, and temporarily bend it down and around lower edge of sleeve. This ground wire will later be attached to frame of air conditioner once it is installed.

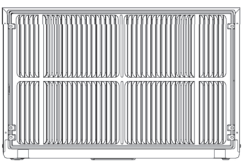


- Emerson (15" Deep)**
-
1. Remove existing rear grille as shown of this manual and replace with provided louvered rear panel.
 - NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.
 2. Attach (1) 1" x 3/8" x 25" long seal in the center at the top of the sleeve. Remove the backing paper and press into position.
 3. Attach the (2) 1" x 3/8" x 14" long seals to the left and right sides of the sleeve.
 4. Cut (2) 1" x 3/8" x 25" seals to 14" long and attach them to the vertical sections of the rear grille.
 5. Attach (2) 4-1/2" x 3-1/2" x 1-1/2" centering/support blocks, one on each side wall. Place in center of side wall with the tapered end facing the opening.
 6. Gently slide unit into sleeve.
 7. Before sliding all-the-way back, remove the second screw from front on the left side of unit.
 8. Remove the plastic washer from the screw.
 9. Screw and attach the other end of the ground wire to the unit. Make sure that the toothed washer is against the cabinet.
 10. Slide the unit completely to the rear to ensure a good seal, making sure the ground wire does not become tangled.
 11. If you have difficulty with mounting the grill to the sleeve, follow the instructions for direct mounting.
 12. Seal and frame the unit as described.

How to Install In Pre-Existing Wall Sleeve (continued)

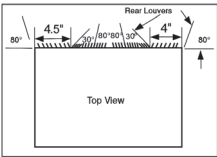
4. Prepare the wall sleeve for installation of the new unit per the following brand instructions.
- | | | |
|---|--|--------------------|
| 1 | Emerson | 15" Deep |
| 2 | Fedders | 19-3/4" Deep |
| 3 | Fedders or Friedrich | 16-3/4" Deep |
| 4 | GE/Hotpoint | 16-7/8" Deep |
| 5 | Sears or Carrier (51S Series) | 18-5/8" Deep |
| 6 | Whirlpool | 17-1/8" Deep |
| 7 | Whirlpool | 23" Deep |
| 8 | White-Westinghouse/
Frigidaire/Carrier (52F Series) | 16" + 17-1/2" Deep |
| 9 | White-Westinghouse/Frigidaire | 22" Deep |
5. Identify your wall sleeve type and follow the instructions for that type in the following pages.

- IMPORTANT - BEFORE YOU BEGIN**
- This unit's performance characteristics result from having two rear air intakes.
 - It is very important that these instructions are followed so the unit can operate at maximum efficiency.
 - If this is an existing sleeve and there is an existing rear grille, it may need to be replaced by one that has been shipped with the unit in the accessory kit. If the new rear grille is too small for the rear sleeve opening, use the black plastic grille. Insure it is secured in place using the included screws, washers and grommets.
- FOR INCREASED EFFICIENCY, UTILIZE THE PROVIDED LOUVERED REAR PANEL**
- Installation of new grille provided with unit.
1. Remove the existing grille. (Exception: GE 26")
 2. Place the grille, included with the new air conditioner, towards the rear of the sleeve.
 3. Mark through the hole positions.
 4. Drill through the sleeves flanges with a 1/8" drill bit.
 5. Attach the new grille with self-threading screws and washers.
 6. It is VERY IMPORTANT that the grille is placed exactly as shown below.
 7. Most decorative exterior grilles may be left in place as long as the proper interior air direction grille is installed.

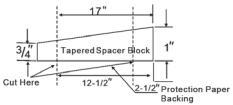


- Fedders (19-3/4" Deep)**
-
1. Remove existing rear grille as shown of this manual and replace with provided louvered rear panel.
 - NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.
 2. Attach (2) 4-1/2" x 3-1/2" x 1-1/2" centering/support blocks, one on each side wall. Place in center of side wall with the tapered end facing the opening.
 3. Cut (2) 17" tapered spacer blocks as shown below into two pieces.
 4. The 4" section is placed in front of the rib on base with the tapered end facing the back of the sleeve. The remaining portion will be placed behind the rib again sloping toward the rear of the sleeve. This helps induce a rearward slope on the unit.
 5. Attach (1) 1" x 3/8" x 25" long seal in the center at the top of the sleeve. Remove the backing paper and press into position.
 6. Attach (2) 1" x 3/8" x 14" seals to the left and right sides of the sleeve.
 7. Cut (2) 1" x 3/8" x 25" seals to 14" long and attach them to the vertical sections of the rear grille.
 8. Gently slide unit into sleeve.
 9. Before sliding all-the-way back, remove the second screw from front on left side of unit.
 10. Remove the plastic washer from the screw.
 11. Screw and attach the other end of the ground wire to the unit. Make sure that the toothed washer is against the cabinet.
 12. Slide the unit completely to the rear to ensure a good seal, making sure the ground wire does not become tangled.
 13. If you have difficulty with mounting the grill to the sleeve, follow the instructions for direct mounting.
 14. Seal and frame the unit as described.

Fedders or Friedrich (16-3/4" Deep)

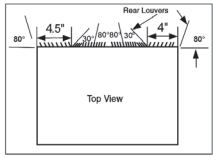


1. Remove existing rear grille as shown on page 9 of this manual and replace with provided louvered rear panel.
- NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.
2. Attach (2) 4-1/2" x 3-1/2" x 1-1/2" centering/support blocks, one on each side wall. Place in center of side wall with the tapered end facing the opening.
3. Cut (2) 17" tapered spacer blocks as shown below into three pieces.

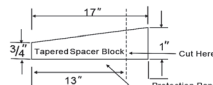


4. The 2-1/2" section is placed in front of the rib on base with the tapered end facing the back of the sleeve. Cut the remaining portion to 12-1/2" and placed behind the rib again sloping toward the rear of the sleeve. This helps induce a rearward slope on the unit.
5. Attach (1) 1" x 3/8" x 25" long seal in the center at the top of the sleeve. Remove the backing paper and press into position.
6. Attach (2) 1" x 3/8" x 14" seals to the left and right sides of the sleeve.
7. Cut (2) 1" x 3/8" x 25" seals to 14" long and attach them to the vertical sections of the rear grille.
8. Gently slide unit into sleeve.
9. Before sliding all-the-way back, remove the second screw from front on left side of unit.
10. Remove the plastic washer from the screw.
11. Screw and attach the other end of the ground wire to the unit. Make sure that the toothed washer is against the cabinet.
12. Slide the unit completely to the rear to ensure a good seal, making sure the ground wire does not become tangled.
13. If you have difficulty with mounting the grill to the sleeve, follow the instructions for direct mounting.
14. Seal and frame the unit as described.

GE/Hotpoint (16-7/8" Deep)

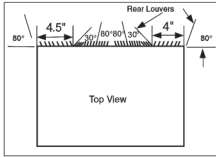


1. Retain existing rear grille.
2. Using needle nose pliers, change the outdoor grille directional louvers per the illustration above.
3. Cut (2) 17" tapered spacer blocks as shown below into two pieces.



4. Install 13" section with the tapered end 1/2" from the back of the sleeve. This helps induce a rearward slope on the unit.
5. Attach (1) 1" x 3/8" x 25" long seal in the center at the top of the sleeve. Remove the backing paper and press into position.
6. Attach (2) 1" x 3/8" x 14" seals to the left and right sides of the sleeve.
7. Cut (2) 1" x 3/8" x 25" seals to 14" long and attach them to the vertical sections of the rear grille.
8. Center unit and gently slide unit into sleeve.
9. Before sliding all-the-way back, remove the second screw from front on left side of unit.
10. Remove the plastic washer from the screw.
11. Screw and attach the other end of the ground wire to the unit. Make sure that the toothed washer is against the cabinet.
12. Slide the unit completely to the rear to ensure a good seal, making sure the ground wire does not become tangled.
13. If you have difficulty with mounting the grill to the sleeve, follow the instructions for direct mounting.
14. Seal and frame the unit as described.

Whirlpool (23" Deep)

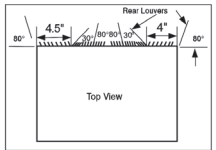


1. Remove existing rear grille as shown of this manual and replace with provided louvered rear panel.
- NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.
- Because of the increased unit depth, first try dry fitting using the method described below:**
2. Place (2) 1" x 1-1/2" x 14" seals against each side.
3. Gently slide unit in and check if amount extending from the sleeve is sufficient once the trim frame is attached.
4. If position is correct, remove unit and proceed to the next step. If not, go to step 9.
5. Attach (1) 1" x 3/8" x 25" long seal in the center at the top of the sleeve. Remove the backing paper and press into position.
6. Attach (2) 1" x 1-1/2" x 14" seals to the left and right sides of the sleeve.
7. Cut (2) 1" x 3/8" x 25" seals to 14" long and attach them to the vertical sections of the grille.
8. Attach the tapered spacer blocks to the floor of the sleeve. Now go to step 15.

Whirlpool (23" Deep) continued

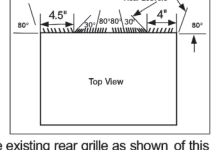
- Use these next steps if the unit requires extra extension into the room:
9. Attach 1" x 3/4" x 14" long seal over the solid vertical portion of the rear grille.
 10. Attach (4) 4-1/2" x 3-1/2" x 1-1/2" foam blocks with the slot overlapping the seal above.
 11. Install the divider into the slots of the foam blocks. You may need to trim the length to size.
 12. Repeat steps 9-11 for the other vertical portion of the grille.
 13. Attach (2) 1" x 1-1/2" x 14" seals along the sides of the sleeve again making sure all seals are flush.
 14. Cut the 1" x 1-1/2" x 25" seal to fit the top of the sleeve. The pieces must be fitted flush to the edge of the divider.
 15. Center unit and gently slide unit into sleeve.
 16. Before sliding all-the-way back, remove the first screw from front on left side of unit.
 17. Remove the plastic washer from the screw.
 18. Screw and attach the other end of the ground wire to the unit. Make sure that the toothed washer is against the cabinet.
 19. Slide the unit completely to the rear to ensure a good seal, making sure the ground wire does not become tangled.
 20. If you have difficulty with mounting the grill to the sleeve, follow the instructions for direct mounting.
 21. Seal and frame the unit as described.

White-Westinghouse/Frigidaire/Carrier 52F Series (16" + 17-1/2" Deep)



1. Remove existing rear grille as shown of this manual and replace with provided louvered rear panel.
- NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.
2. Attach (1) 1" x 3/8" x 25" long seal in the center at the top of the sleeve. Remove the backing paper and press into position.
3. Attach (2) 1" x 3/8" x 14" seals to the left and right sides of the sleeve.
4. Attach (2) 1" x 3/4" x 14" long seals vertically 4.5" from the left side of the sleeve and 4" from the right side of the sleeve.
5. Center unit and gently slide unit into sleeve.
6. Before sliding all-the-way back, remove the second screw from front on left side of unit.
7. Remove the plastic washer from the screw.
8. Screw and attach the other end of the ground wire to the unit. Make sure that the toothed washer is against the cabinet.
9. Slide the unit completely to the rear to ensure a good seal, making sure the ground wire does not become tangled.
10. If you have difficulty with mounting the grill to the sleeve, follow the instructions for direct mounting.
11. Seal and frame the unit as described.

White-Westinghouse or Frigidaire (22" Deep)



1. Remove existing rear grille as shown of this manual and replace with provided louvered rear panel.
- NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.
- Because of the increased unit depth, first try dry fitting using the method described below:**
2. Place (2) 1" x 1-1/2" x 14" seals against each side.
3. Gently slide unit in and check if amount extending from the sleeve is sufficient once the trim frame is attached.
4. If position is correct, remove unit and proceed to the next step. If not, go to step 8.
5. Attach (1) 1" x 1-1/2" x 15" long seal to the left side and right side of the sleeve.
6. Cut (1) 1" x 1-1/2" x 25" seal to 14" long and attach them vertically to the rear grill 4.5" from the left side of the sleeve and 4" from the right side of the sleeve.
7. Attach (1) 1" x 1-1/2" x 25" long seal in the center at the top of the sleeve. Remove the backing paper and press into position. Proceed to step 14.
- Use these next steps if the unit requires extra extension into the room.**
8. Attach 1" x 3/4" x 14" long seal over the solid vertical portion of the rear grille.
9. Attach (4) 4-1/2" x 3-1/2" x 1-1/2" foam blocks with the slot overlapping the seal above.
10. Install the divider into the slots of the foam blocks. You may need to trim the length to size.
11. Repeat steps 8-10 for the other vertical shown portion of the grille.
12. Attach (2) 1" x 1-1/2" x 14" seals along the sides of the sleeve again making sure all seals are flush.
13. Cut the 1" x 1-1/2" x 25" seal to fit the top of the sleeve. The pieces must be fitted flush to the edge of the divider.
14. Center unit and gently slide unit into sleeve.
15. Before sliding all-the-way back, remove the first screw from the front on left side of the unit.
16. Remove the plastic washer from the screw.
17. Screw and attach the other end of the ground wire to the unit. Make sure that the toothed washer is against the cabinet.
18. Slide the unit completely to the rear to ensure a good seal, making sure the ground wire does not become tangled.
19. If you have difficulty with mounting the grill to the sleeve, follow the instructions for direct mounting.
20. Seal and frame the unit as described.

Direct Unit Mounting:

- The previous directions are the preferable way to mount the new rear grille. The units performance is slightly better and the possibility of drafts is reduced. As a last resort, direct mounting of the grille to the unit can be considered.
- NOTE:** The grille must be installed prior to inserting the unit into the sleeve.
1. Attach the 2 seal pieces (1" x 3/8" x 14") as shown in the illustration.
 2. Position the grille over the rear of the unit making sure that:
 - a. The double set of screw holes are at the bottom.
 - b. The fins of the grille are pointed away from the unit.
 3. Align the top of the grille with the top of the unit. The overhang on each side should be equal.
 4. If the unit has not been pre-drilled (some models), carefully drill (4) 1/8" holes through the grille and into the side flange of the unit approximately 1-1/2" to 2" from the top and bottom as shown.
 5. Install 4 #8 self-tapping screws to affix the grille to the unit.
 6. Insert the unit into the sleeve.

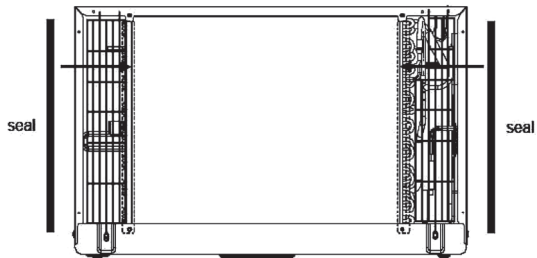


Fig. 1

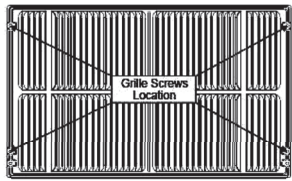


Fig. 2

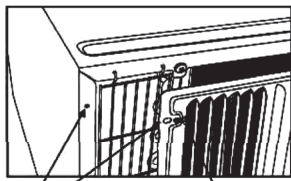
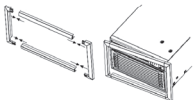


Fig. 3

Trim Kit Installation Instructions

- Install the 1" x 1-1/2" x 84" long stuffer seal between the wall sleeve and the unit. A flat-bladed screwdriver or putty knife is recommended.
- Measure the height and width of the installed wall sleeve and choose the appropriate trim kit that matches those dimensions.
- Assemble the trim frame by inserting the top and bottom pieces into side pieces and snapping into place.
- Pull the cord through the trim frame and slide the trim over the unit unit flush with the wall or wall sleeve.

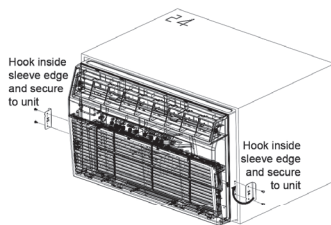


Security Brackets Installation

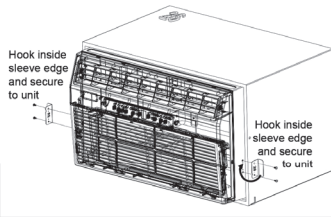
(It is important to install these brackets to prevent the chassis from being pushed into the room from the outside.)

- Measure the width of the installed wall sleeve and choose the appropriate security bracket (24" or 26") designed for that sleeve.
- The brackets must be installed so the flanges are hooked behind the inside flanges of the wall sleeve. Using the screws provided, attach the brackets on the sides of the chassis.

For 24" sleeves, pull the unit out slightly, hook the short flange of the 24" bracket behind the sleeve inside edge and secure to the unit with the two screws provided. Repeat on the opposite side. Push the unit all the way back into the case.



For 26" sleeves, hook the short flange of the 26" bracket behind the sleeve inside edge and secure to the unit with the the two screws provided. Repeat on the opposite side.



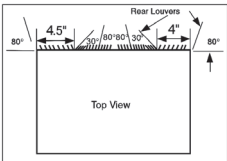
Troubleshooting Tips... Before you call for service

Problem	Solution
Air conditioner does not start	Wall plug disconnected. Push plug firmly into wall outlet.
	House fuse blown or circuit breaker tripped. Replace fuse with time delay type or reset circuit breaker.
	Plug current device tripped. Press the RESET button.
	Power is OFF. Turn power ON.
Air from the unit does not feel cold enough	Room temperature below 62°F (17°C). Cooling may not occur until room temperature rises above 62°F (17°C).
	Temperature sensor behind air filter may be touching cold coil. Keep it from the cold coil.
	Set to a lower temperature.
	Compressor stopped when changing modes. Wait for 3 minutes after set to the COOL mode.
Air conditioner cooling, but room is too warm. Ice is forming on cooling coil behind decorative front.	Outdoor temperature below 64°F (18°C). To defrost the coil, set FAN ONLY mode.
	Air filter may be dirty. Clean the filter. Refer to Care and Cleaning section. To defrost, set to FAN ONLY mode.
	Thermostat set to cold for night-time cooling. To defrost the coil, set to FAN ONLY mode. Then, set temperature to a higher setting.
	Dirty air filter, or the air is restricted. Clean the air filter. Refer to Care and Cleaning section.
	Temperature is set too high. Set the temperature to a lower setting.
	Air directional louvers positioned improperly. Position louvers for better air distribution. Clear blockage in front of unit.
	Front of unit is blocked by drapes, blinds, furniture, etc, which restricts air distribution. Clear blockage in front of unit.
Air conditioner turns on and off rapidly	Doors, windows, registers, etc, may be open. Close doors, windows, registers.
	Unit recently turned on in hot room. Allow additional time to remove "stored heat" from walls, ceiling, floor, and furniture.
Noise when unit is cooling	Dirty air filter, the air is restricted. Clean air filter.
	Outside temperature extremely hot. Set FAN speed to a higher setting to cool outdoor cooling coil.
Water dripping INSIDE when unit is cooling	Air movement sound. This is normal. If too loud, set to a slower FAN setting.
	Improper installation. Refer to installation instructions or check with installer.
Water dripping OUTSIDE when unit is cooling	Improper installation. Tilt air conditioner slightly to the outside to allow water drainage. Refer to installation instructions, and check with installer.
Room too cold	Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.
Error code "AS" in the display	Set temperature to low. Increase set temperature.
Error code "HS" in the display	Room temperature sensor error. Unplug the unit and plug it back in. If error repeats, call for service. NOTE: In Fan only mode, it will display "LO" or "HI".
Error code "u" in the display	Electric heating sensor error. Unplug the unit and plug it back in. If error repeats, call for service.
Error code "v" in the display	Evaporator temperature sensor error. Unplug the unit and plug it back in. If error repeats, call for service.

• **NOTE:** Illustrations may differ from actual product. We are constantly striving to improve our products; therefore the specifications contained herein are subject to change without notice.

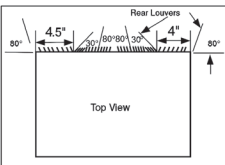
• **NOTE:** Accessory type and quantity may vary depending on the model.

Sears or Carrier 51S Series (18-5/8" Deep)

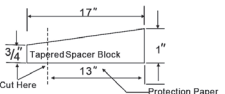


1. Remove existing rear grille as shown of this manual and replace with provided louvered rear panel.
- NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.
2. Install (2) tapered spacer blocks to the floor of the sleeve. This helps induce a rearward slope on the unit.
3. Install with the tapered end 1/2" from the back of the sleeve. This helps induce a rearward slope on the unit.
4. Attach (1) 1" x 3/8" x 25" long seal in the center at the top of the sleeve. Remove the backing paper and press into position.
5. Attach (2) 1" x 3/8" x 14" seals to the left and right sides of the sleeve.
6. Cut (2) 1" x 3/8" x 25" seals to 14" long and attach them to the vertical sections of the rear grille.
7. Center unit and gently slide unit into sleeve.
8. Before sliding all-the-way back, remove the second screw from front on left side of unit.
9. Remove the plastic washer from the screw.
10. Screw and attach the other end of the ground wire to the unit. Make sure that the toothed washer is against the cabinet.
11. Slide the unit completely to the rear to ensure a good seal, making sure the ground wire does not become tangled.
12. If you have difficulty with mounting the grill to the sleeve, follow the instructions for direct mounting.
13. Seal and frame the unit as described.

Whirlpool (17-1/8" Deep)



1. Remove existing rear grille as shown of this manual and replace with provided louvered rear panel.
- NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.
2. Cut (2) 17" tapered spacer blocks as shown below into two pieces.



3. Install 13" section to the floor of the sleeve. This helps induce a rearward slope on the unit.
4. Attach (1) 1" x 3/8" x 25" long seal in the center at the top of the sleeve. Remove the backing paper and press into position.
5. Attach (2) 1" x 3/8" x 14" seals to the left and right sides of the sleeve.
6. Cut (2) 1" x 3/8" x 25" seals to 14" long and attach them to the vertical sections of the rear grille.
7. Center unit and gently slide unit into sleeve.
8. Before sliding all-the-way back, remove the second screw from front on left side of unit.
9. Remove the plastic washer from the screw.
10. Screw and attach the other end of the ground wire to the unit. Make sure that the toothed washer is against the cabinet.
11. Slide the unit completely to the rear to ensure a good seal, making sure the ground wire does not become tangled.
12. If you have difficulty with mounting the grill to the sleeve, follow the instructions for direct mounting.
13. Seal and frame the unit as described.