



# 24" Through-the-Wall AIR CONDITIONER

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## OWNER'S MANUAL & INSTALLATION INSTRUCTIONS

Cool Only Models

- AKCQ08A
- AKCQ10A
- AKCQ10D
- AKCQ12A
- AKCQ12D
- AKCQ14D

Heat/Cool Models

- AKEQ10D
- AKEQ12D
- AKEQ14D

Write the model and serial numbers here:

Model # \_\_\_\_\_

Serial # \_\_\_\_\_

You can find the this information on a label attached to the right side of the chassis.

### ESPAÑOL

For a Spanish version of this manual, visit our Website at [www.GEAppliances.com](http://www.GEAppliances.com).

Para consultar una version en español de este manual de instrucciones, visite nuestro sitio de internet [www.GEAppliances.com](http://www.GEAppliances.com).

### FRANÇAIS

For a French version of this manual, visit our Website at [www.GEAppliances.ca](http://www.GEAppliances.ca).

Pour un version français de ce manuel d'utilisation, veuillez visiter notre site web à l'adresse [www.GEAppliances.ca](http://www.GEAppliances.ca).

## **THANK YOU FOR MAKING GE APPLIANCES A PART OF YOUR HOME.**

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Whether you grew up with GE Appliances, or this is your first, we're happy to have you in the family.

We take pride in the craftsmanship, innovation and design that goes into every GE Appliances product, and we think you will too. Among other things, registration of your appliance ensures that we can deliver important product information and warranty details when you need them.

Register your GE appliance now online. Helpful websites and phone numbers are available in the Consumer Support section of this Owner's Manual. You may also mail in the pre-printed registration card included in the packing material.



**GE APPLIANCES**

# 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.

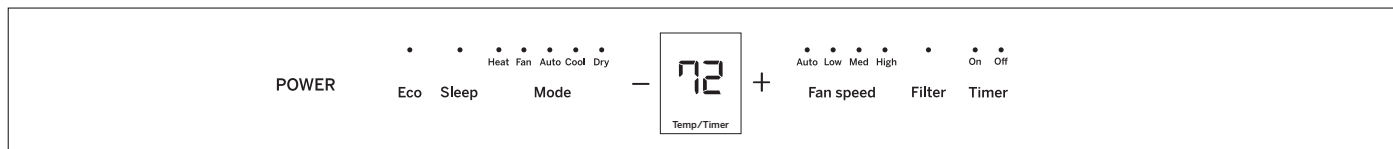
See the Installation Instructions, **Electrical Requirements** section for specific electrical connection requirements.

For appliance recycling information please visit [GEAppliances.com/recycling](http://GEAppliances.com/recycling).

## READ AND SAVE THESE INSTRUCTIONS

# Using the Air Conditioner - Controls

Appearance may vary.



## 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.

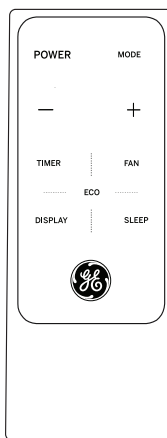
### 8. Eco

**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.



## 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.

# Using the Air Conditioner - Features

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## 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.

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## 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.

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## 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.

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## 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.

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## 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.
- In this mode, the fan speed cannot be adjusted, it starts automatically at a speed according to the room temperature.

### To Operate on Fan Only:

- Use this function only when cooling is not desired. You can choose any fan speed you prefer.
- During this function, the display will show the actual room temperature, not the set temperature in the cooling mode.
- In Fan only mode, the temperature is not adjustable.

### To Operate on Dry Mode:

- In this mode, the air conditioner will generally operate in the form of a dehumidifier. Since the conditioned space is a closed or sealed area, some degree of cooling will continue.
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## 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.

# Using the Air Conditioner - Features

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## 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).

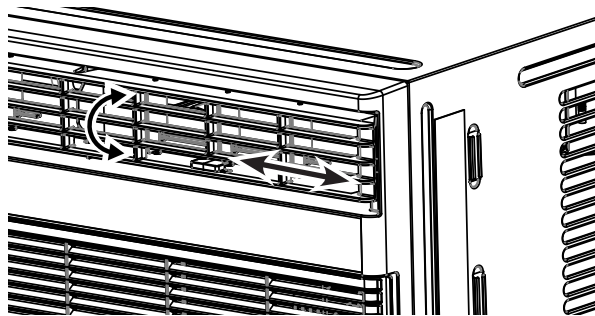
After a power outage, the unit will remember last setting and return the unit to that setting when power is restore.

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## 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

For more help, visit [GEAppliances.com](http://GEAppliances.com)

## BEFORE YOU BEGIN

Read these instructions completely and carefully.

- **IMPORTANT** – Save these instructions for local inspector's use.
- **IMPORTANT** – Observe all governing codes and ordinances.
- **Note to Installer** – Be sure to leave these instructions with the consumer.
- **Note to Consumer** – Keep these instructions for future reference.
- **Skill level** – Installation of this appliance requires basic mechanical skills.
- **Completion time** – Approximately 1 hour
- We recommend that two people install this product.
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.
- You MUST use proper installation procedures as described in these instructions when installing this air conditioner.

## 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.

## 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	Spec.	Qty
Tapered spacer Blocks	17" long	2
Centering/Support Blocks	4-1/2" x 3-1/2" x 1-1/2"	4
Plastic Divider	1/8" x 4-1/2" x 14-1/2"	2
Stuffer Seal	1" x 1-1/2" x 25"	1
Seal	1" x 1-1/2" x 14"	3
Seal	1" x 3/8" x 25"	2
Seal	1" x 3/8" x 14"	3
Seal	1" x 3/4" x 14"	2
Seal		2
Trim Frame (side legs)		2
Trim Frame (top & bottom legs)		2
Ground Wire (green)		1
Toothed Washer for grounding screw		2
Grounding Screw		1
Grille (Plastic)		1
Grille (Aluminum)		1
Nuts (Plastic)		4
Screw Washer		4
Screw		4
Security Brackets for a 24" Wall Sleeve (in a separate packet with their 4 mounting screws)		2
Security Brackets for a 26" Wall Sleeve (in a separate packet with their 4 mounting screws)		2



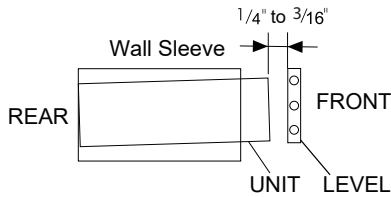
# Installation Instructions

## How to Install In Pre-Existing Wall Sleeve

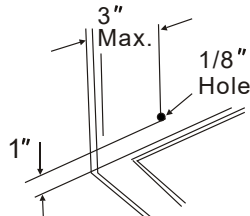
1. Identify the wall-sleeve brand for your installation, from the chart below.

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)			
GE/Hotpoint	26	15-5/8	15-7/8
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	26-3/4	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.



## 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.

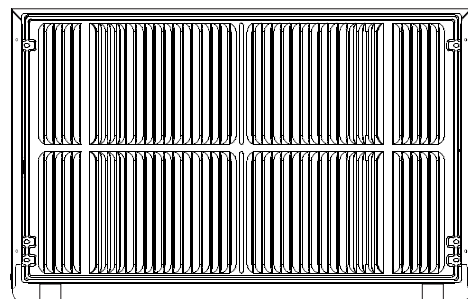
## IMPORTANT - BEFORE YOU BEGIN

- 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

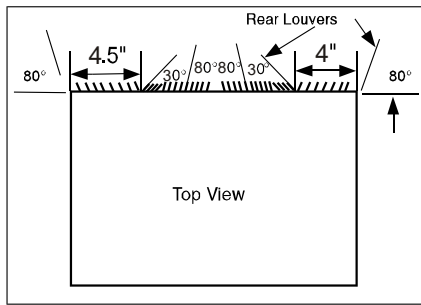
Installation of new grille provided with unit.

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.



# Installation Instructions

## Emerson (15" Deep)

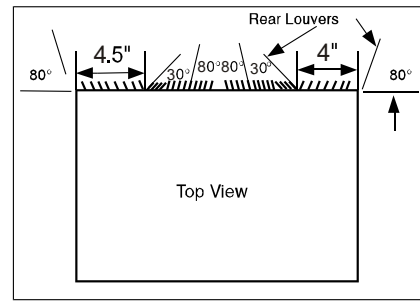


1. Remove existing rear grille as shown on page 9 of this manual and replace with provided louvered rear panel.

**NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.

2. Attach (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 on page 15.
12. Seal and frame the unit as described on page 16.

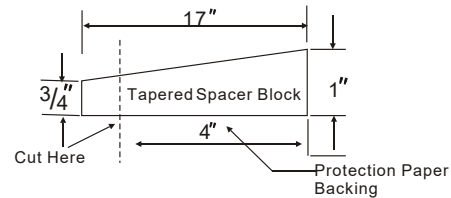
## Fedders (19-3/4" Deep)



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.

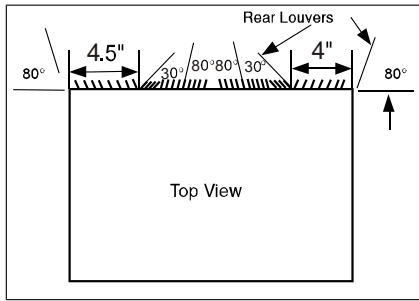
2. Attach (2) 4-1/2" x 3-1/2" x 1-1/2" centering/support blocks, one on each side wall. Place in center of side wall with the tapered end facing the opening.
3. Cut (2) 17" tapered spacer blocks as shown below into two pieces.



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 on page 15.
14. Seal and frame the unit as described on page 16.

# Installation Instructions

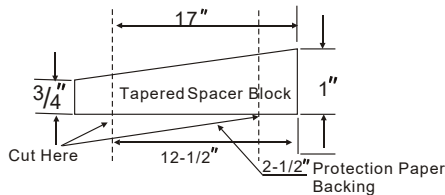
## Fedders or Friedrich (16-3/4" Deep)



1. Remove existing rear grille as shown on page 9 of this manual and replace with provided louvered rear panel.

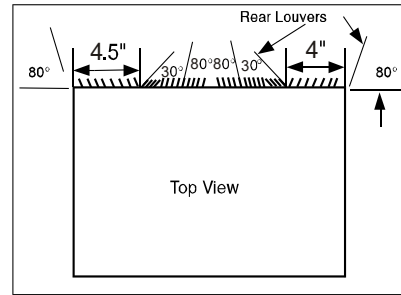
**NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.

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.

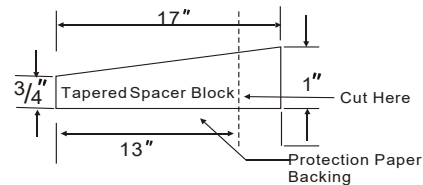


4. The 2-1/2" section is placed in front of the rib on base with the tapered end facing the back of the sleeve. Cut the remaining portion to 12-1/2" and placed behind the rib again sloping toward the rear of the sleeve. This helps induce a rearward slope on the unit.
5. Attach (1) 1" x 3/8" x 25" long 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 on page 15.
14. Seal and frame the unit as described on page 16.

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



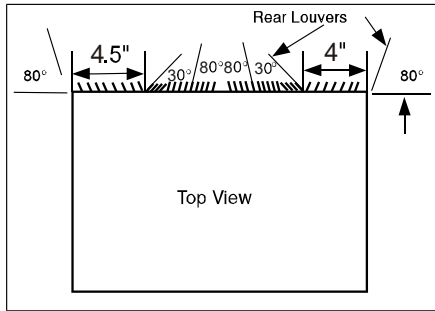
1. Retain existing rear grille.
2. Using needle nose pliers, change the outdoor grille directional louvers per the illustration above.
3. Cut (2) 17" tapered spacer blocks as shown below into two pieces.



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 on page 15.
14. Seal and frame the unit as described on page 16.

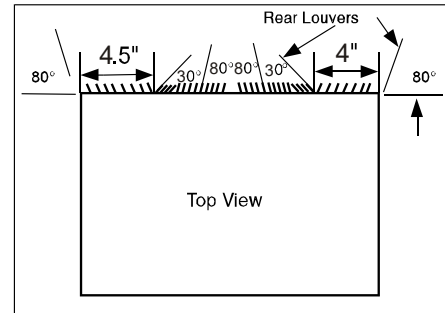
# Installation Instructions

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

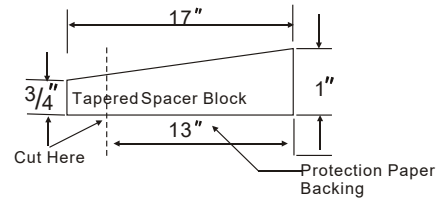


1. Remove existing rear grille as shown on page 9 of this manual and replace with provided louvered rear panel.
- NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.
2. Install (2) tapered spacer blocks to the floor of the sleeve. This helps induce a rearward slope 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 on page 15.
13. Seal and frame the unit as described on page 16.

## Whirlpool (17-1/8" Deep)



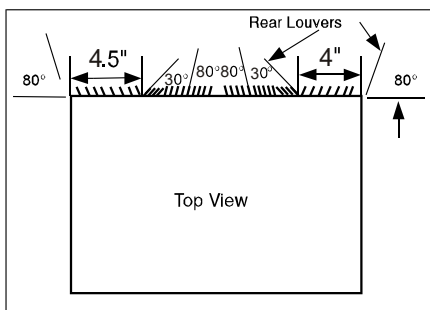
1. Remove existing rear grille as shown on page 9 of this manual and replace with provided louvered rear panel.
- NOTE:** You may need to drill holes in flange of existing sleeve to match new rear grille.
2. Cut (2) 17" tapered spacer blocks as shown below into two pieces.



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 on page 15.
13. Seal and frame the unit as described on page 16.

# Installation Instructions

## Whirlpool (23" 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.

**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 1-1/2" 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.

**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.

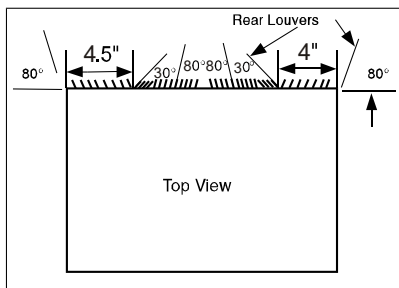
## Whirlpool (23" Deep) continued

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 on page 15.
21. Seal and frame the unit as described on page 16.



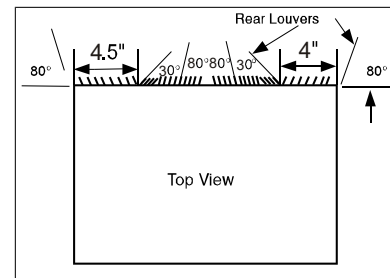
# Installation Instructions

## White-Westinghouse/Frigidaire/Carrier 52F Series (16" + 17-1/2" 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 (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 on page 15.
11. Seal and frame the unit as described on page 16.

## White-Westinghouse or Frigidaire (22" 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.
- 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 on page 15.
20. Seal and frame the unit as described on page 16.

# Installation Instructions

## 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.

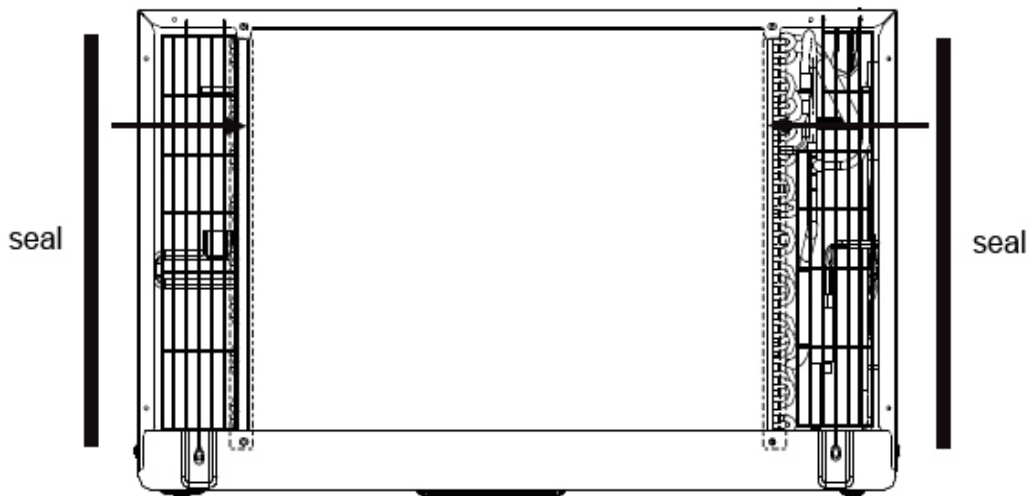


Fig. 1

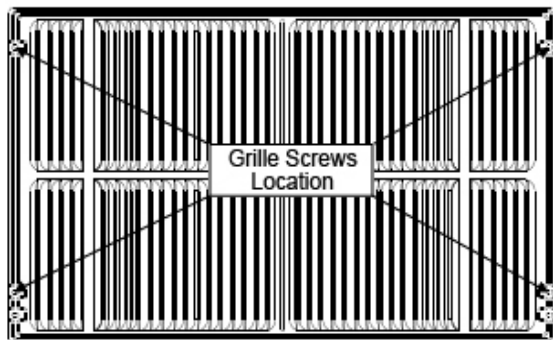


Fig. 2

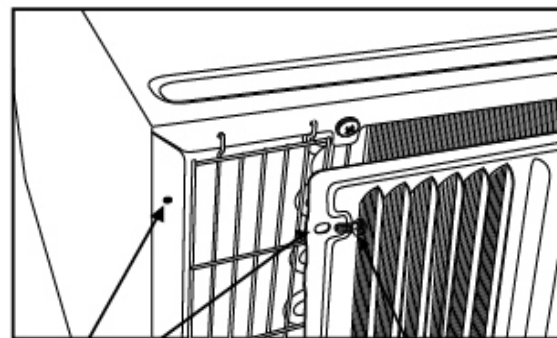


Fig. 3

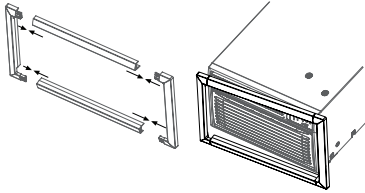
1/8 Hole  
Grille &  
Flange

# 8 Screw

# Installation Instructions

## 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 until flush with the wall or wall sleeve.

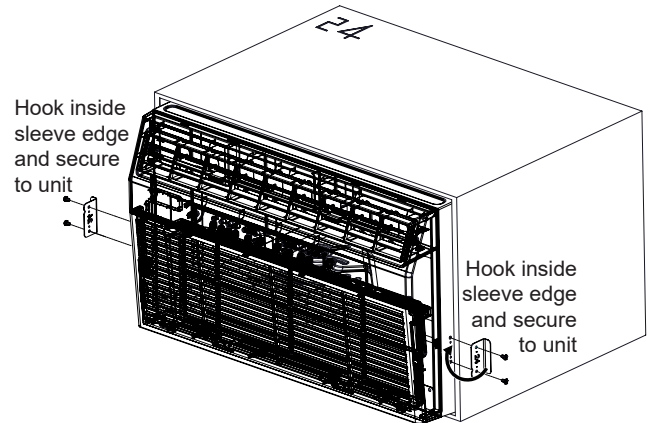


## Security Brackets Installation

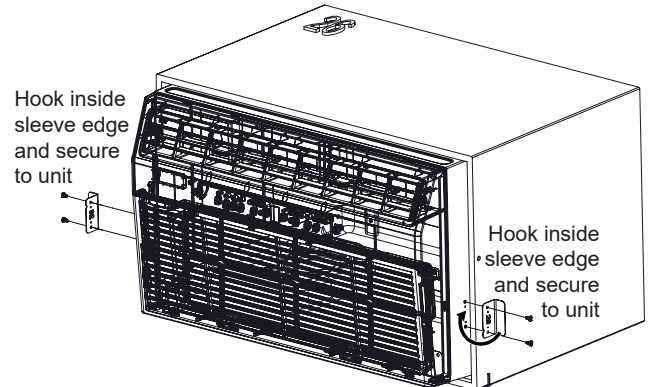
**(It is important to install these brackets to prevent the chassis from being pushed into the room from the outside.)**

- 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.
	Front of unit is blocked by drapes, blinds, furniture, etc, which restricts air distribution. Clear blockage in front of unit.
	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.
Air conditioner turns on and off rapidly	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.
Noise 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 INSIDE 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.
Water dripping OUTSIDE when unit is cooling	Unit removing large quantity of moisture from humid room. This is normal during excessively humid days.
Room too cold	Set temperature to low. Increase set temperature.
Error code “AS” 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 “HS” in the display	Electric heating sensor error. Unplug the unit and plug it back in. If error repeats, call for service.
Error code “•” in the display	Evaporator temperature sensor error. Unplug the unit and plug it back in. If error repeats, call for service.



# GE Appliances Air Conditioner Limited Warranty

**LIMITED WARRANTY**

All warranty service must be provided by our Factory Service Centers, or an authorized Customer Care® technician. To schedule service, visit us on-line at [GEAppliances.com/service](http://GEAppliances.com/service), or call 800.GE.CARES (800.432.2737). Have serial number and model number available when calling for service.

<b>For The Period Of:</b>	<b>GE Appliances Will Replace:</b>
<b>Two Years</b> From the date of the original purchase	<b>Any part</b> of the air conditioner which fails due to a defect in materials or workmanship. During this <b>limited two-year warranty</b> , GE Appliances will also provide, <b>free of charge</b> , all labor and related service to replace the defective part.

## What GE Appliances Will Not Cover:

- Service trips to your home to teach you how to use the product.
- Improper installation, delivery or maintenance. If you have an installation problem, or if the air conditioner is of improper cooling capacity for the intended use, contact your dealer or installer. You are responsible for providing adequate electrical connecting facilities.
- Failure of the product resulting from modifications to the product or due to unreasonable use including failure to provide reasonable and necessary maintenance.
- In commercial locations, labor necessary to move the unit to a location where it is accessible for service by an individual technician.
- Replacement of house fuses or resetting of circuit breakers.
- Failure due to corrosion on models not corrosion-protected.
- Damage to the product caused by improper power supply voltage, accident, fire, floods or acts of God.
- Incidental or consequential damage caused by possible defects with this air conditioner.
- Damage caused after delivery.

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

This limited warranty is extended to the original purchaser and any succeeding owner for products purchased for home use within the USA. If the product is located in an area where service by a GE Appliances Authorized Servicer is not available, you may be responsible for a trip charge or you may be required to bring the product to an Authorized GE Service location for service. In Alaska, the limited warranty excludes the cost of shipping or service calls to your home.

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

**Warrantor: GE Appliances, a Haier company**  
**Louisville, KY 40225**

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

# Consumer Support

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## GE Appliances Website

Have a question or need assistance with your appliance? Try the GE Appliances Website 24 hours a day, any day of the year! You can also shop for more great GE Appliances products and take advantage of all our on-line support services designed for your convenience. In the US: [GEAppliances.com](http://GEAppliances.com)

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## Register Your Appliance

Register your new appliance on-line at your convenience! Timely product registration will allow for enhanced communication and prompt service under the terms of your warranty, should the need arise. You may also mail in the pre-printed registration card included in the packing material. In the US: [GEAppliances.com/register](http://GEAppliances.com/register)

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## Schedule Service

Expert GE Appliances repair service is only one step away from your door. Get on-line and schedule your service at your convenience any day of the year. In the US: [GEAppliances.com/service](http://GEAppliances.com/service) or call 800.432.2737 during normal business hours.

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## Extended Warranties

Purchase a GE Appliances extended warranty and learn about special discounts that are available while your warranty is still in effect. You can purchase it on-line anytime. GE Appliances Services will still be there after your warranty expires. In the US: [GEAppliances.com/extended-warranty](http://GEAppliances.com/extended-warranty) or call 800.626.2224 during normal business hours.

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## Parts and Accessories

Individuals qualified to service their own appliances can have parts or accessories sent directly to their homes (VISA, MasterCard and Discover cards are accepted). Order on-line today 24 hours every day. In the US: [GEApplianceparts.com](http://GEApplianceparts.com) or by phone at 877.959.8688 during normal business hours.

**Instructions contained in this manual cover procedures to be performed by any user. Other servicing generally should be referred to qualified service personnel. Caution must be exercised, since improper servicing may cause unsafe operation.**

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## Contact Us

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

In the US: General Manager, Customer Relations | GE Appliances, Appliance Park | Louisville, KY 40225  
[GEAppliances.com/contact](http://GEAppliances.com/contact)