



# Zoneline<sup>®</sup> Air Conditioners

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**Owner's Manual and  
Installation Instructions**

Heat Pump Model 5800

**Español**

For a Spanish version of this manual, visit our Website at ge.com.

Para consultar una version en español de este manual de instrucciones, visite nuestro sitio de internet ge.com.

**Française**

For a French version of this manual, visit our Website at ge.com.

Pour une version française de ce manuel d'utilisation, veuillez visiter notre site web à l'adresse ge.com.

**Write the model and serial numbers here:**

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

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

Find these numbers on a label behind the room cabinet on the base pan.



## **IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.**

### **⚠ WARNING!**

*For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, personal injury, or loss of life.*



### **SAFETY PRECAUTIONS**

- This Zoneline must be properly installed in accordance with the Installation Instructions before it is used. See the Installation Instructions in the back of this manual.
- 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.
- Unplug or disconnect the Zoneline at the fuse box or circuit breaker before making any repairs.

**NOTE:** We strongly recommend that any servicing be performed by a qualified individual.

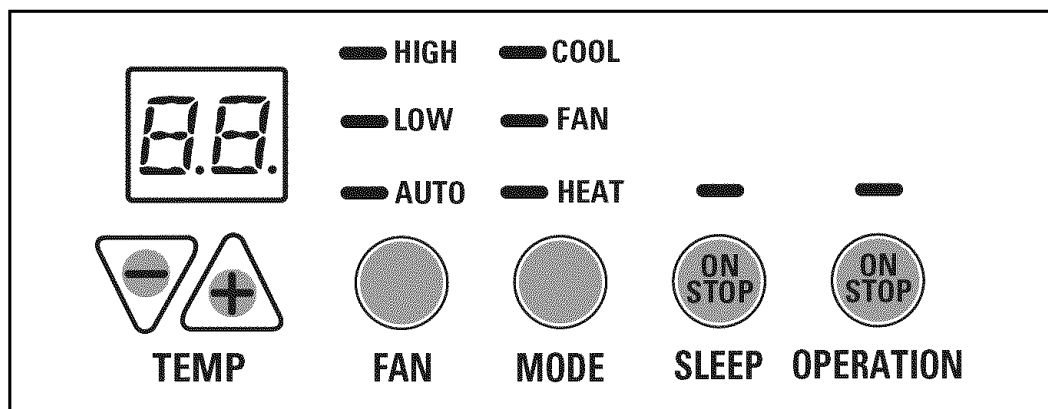
#### ***Replacing an existing unit?***

For details, see the Installation Instructions in this manual.



**READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY.**

**SAVE THESE INSTRUCTIONS**



## TEMP CONTROL FAN, MODE & SLEEP OPERATION

1

2



### Controls

#### 1 Temp Control

The temp control is used to maintain the room temperature. The compressor will cycle on and off to keep the room at the same level of comfort.

Press the + pad to raise the temperature.

Press the - pad to lower the temperature.

When the outdoor temperature is lower than 25°F, heat is provided by the electric heater in the air conditioner instead of by the heat pump.

#### 2 Sleep

Press to set the air conditioner to run for 8 hours before it automatically returns to the previous setting.

When in the cooling mode and the sleep timer is set, the set temperature will automatically increase 2°F after the second hour then 1°F each hour over the next two hours. Also, the fan speed will change to low. When in the heating mode, the set temperature will decrease in the same manner.

To cancel the sleep mode, press the **MODE** pad or the **SLEEP** pad a second time.

#### 2 Fan, Mode & Operation Control

**FAN**—sets the fan operation for **HIGH**, **LOW** or **AUTO** speed. When set at **AUTO**, it automatically switches between **LOW** and **HIGH** as room temperature changes.

**MODE—COOL**—For cooling

**FAN**—For fan-only operation

**HEAT**—For heating

**OPERATION—ON/STOP**—Turns the unit on or off. Power remains connected to the Zoneline. The Freeze Sentinel feature still functions if switch 6 is enabled (UP). See the *Freeze Sentinel* section.

**NOTE:** The temperature display will flash to indicate a possible unit malfunction. See the *Before you call for service* section.

### About Your Heat Pump

Heat pumps can save money by removing heat from the outside air—even when the outside temperature is below freezing—and releasing that heat indoors.

To get the best performance from your heat pump, don't change the room thermostat very often. Raising the heat setting 2–3 degrees will cause the Zoneline to use its electric heating elements in order to reach the new temperature setting quickly.

There is a three minute minimum compressor run time at any setting to prevent short cycling. The indoor fan motor starts before the compressor and stops after the compressor cycles off.

The electric heating elements use much more electricity than heat pumps and cost more to operate.

## Other features your Zoneline may have.

### Ventilation Control

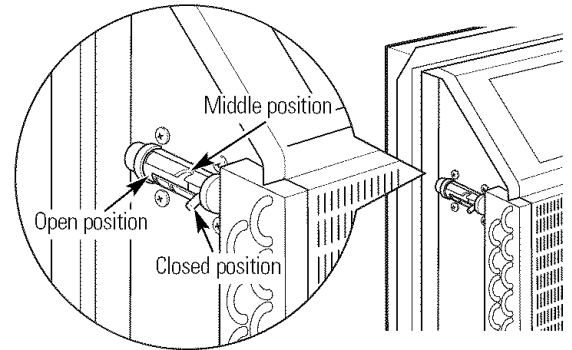
The ventilation control lever is located at the upper left side of the Zoneline unit, behind the room cabinet.

**NOTE:** The vent door shipping hardware must be removed before using the vent control lever. See the Installation Instructions in this manual.

When set at the closed position, only the air inside the room is circulated and filtered.

When set at the open or middle position, some outdoor air will be drawn into the room. This will reduce the heating or cooling efficiency.

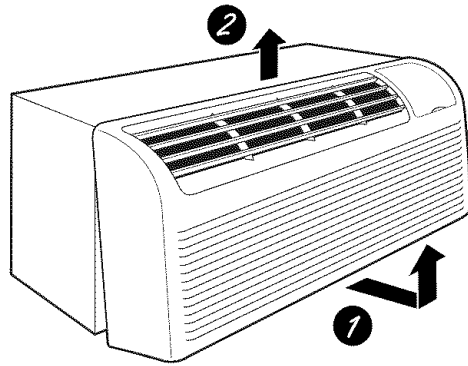
**Energy Tip:** Keep the vent control at the closed position. The room air will be filtered and circulated.



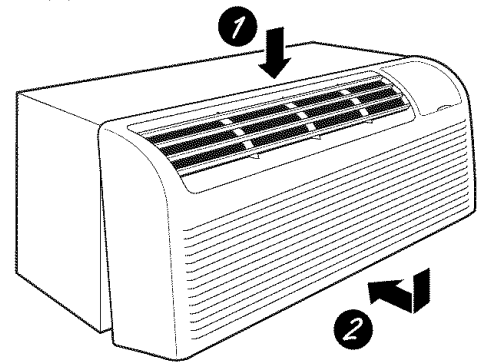
### To Remove the Room Cabinet

Additional controls are located behind the room cabinet.

**To remove:** Pull out at the bottom to release it from the tabs (1). Then lift up (2).

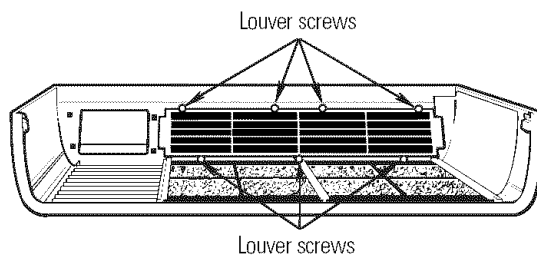


**To replace:** Place the tabs over the top rail (1). Push inward at the bottom until it snaps into place (2).

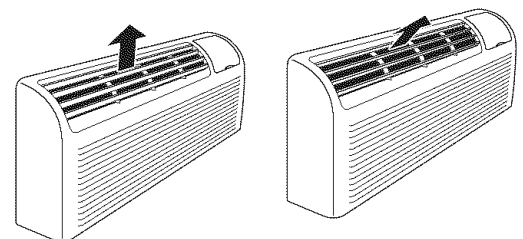


### Air Direction

To adjust the air direction, remove the room cabinet. Remove the 7 louver screws that hold the louver insert in place. Flip the louver insert 180°, replace the screws and the room cabinet.



Remove the room cabinet and flip the louver insert to change the air direction.



# Auxiliary Controls on your Zoneline.

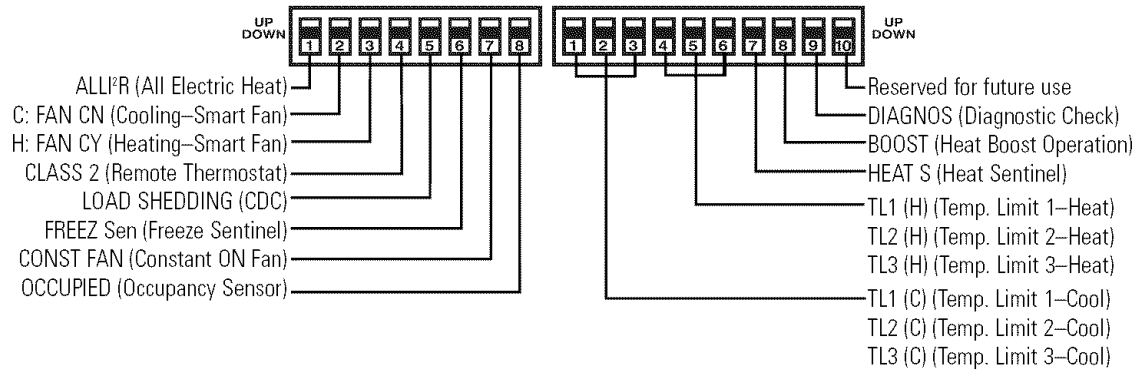
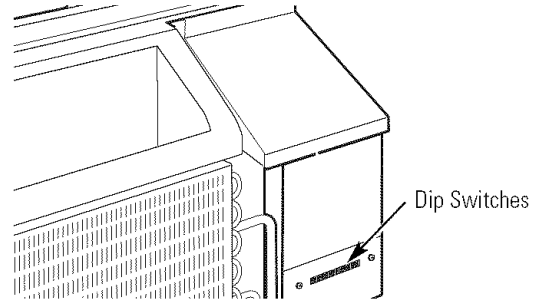
ge.com

## Auxiliary Controls – Dip Switches

The auxiliary dip switch controls are located behind the room cabinet, through an opening below the control panel.

Remove the room cabinet. See the *To Remove the Room Cabinet* section.

The owner is responsible for checking switches and ensuring they are in the desired position.



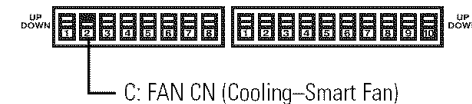
### All Electric Heat

When this switch is enabled (**UP**), heat pump operation is locked out, causing the unit to provide only electric resistance heat.



### Cooling–Smart Fan

When this switch is enabled (**UP**), it allows the indoor fan to cycle on/off with the compressor. When this switch is disabled (**DOWN**), it allows the indoor fan to run continuously.



### Heating–Smart Fan

When this switch is enabled (**UP**), it allows the indoor fan to run continuously. When this switch is disabled (**DOWN**), it allows the indoor fan to cycle on/off with the heat pump or heater operation.



Safety Instructions

Operating Instructions

Care and Cleaning

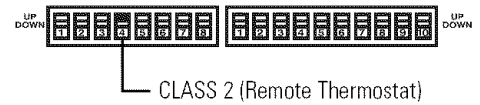
Troubleshooting Tips

Consumer Support

## Auxiliary controls on your Zoneline.

### Remote Thermostat—Class 2

When this switch is enabled (**UP**), it allows the unit to operate off of a Class 2 Remote Control Wall Thermostat. The unit controls are disabled.



### Load Shedding (CDC)

This feature is active only if the unit is in CDC mode. When this switch is enabled (**UP**), the indoor fan can be turned ON or OFF with the unit controls.



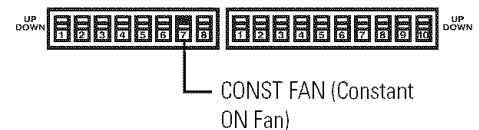
### Freeze Sentinel

When this switch is enabled (**UP**), it turns OFF the freeze sentinel protection feature. With the switch disabled (**DOWN**), the freeze sentinel is activated which automatically provides heat without user interface. This helps to prevent plumbing damage by turning the heater and indoor fan ON at 41° F and OFF at 46°F.



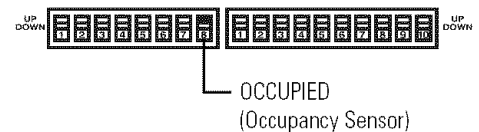
### Constant ON Fan

When this switch is enabled (**UP**), it allows the indoor fan to run continuously, at high speed, even if the unit is in the STOP position.



### Occupancy Sensor

When this switch is enabled (**UP**), it allows the unit to utilize an infrared motion sensor and a door switch for occupancy detection. This feature allows an energy management system to be installed and operated in conjunction with the unit.



### Temperature Limiting

Temperature limiting can reduce energy costs by limiting the lowest temperature that can be set for cooling and the highest temperature that can be set for heating. Temperature limiting is controlled by switches 1–6 on the second block

of auxiliary controls. The first three switches are used to select the cooling limits. The next three switches are used to control the heating limits. This feature is not available with the Remote Thermostat–Class 2.



- TL1 (C) (Temp. Limit 1–Cool)
- TL2 (C) (Temp. Limit 2–Cool)
- TL3 (C) (Temp. Limit 3–Cool)



- TL1 (H) (Temp. Limit 1–Heat)
- TL2 (H) (Temp. Limit 2–Heat)
- TL3 (H) (Temp. Limit 3–Heat)

UP	DOWN	Minimum	Maximum
NONE	1, 2, 3	60°	85°
1	2, 3	64°	85°
1, 2	3	66°	85°
2	1, 3	68°	85°
2,3	1	70°	85°
1, 2, 3	NONE	72°	85°
1, 3	2	74°	85°
3	1, 2	76°	85°

UP	DOWN	Minimum	Maximum
NONE	4, 5, 6	60°	85°
4	5, 6	60°	80°
4, 5	6	60°	78°
5	4, 6	60°	76°
5,6	4	60°	74°
4, 5, 6	NONE	60°	72°
4, 6	5	60°	70°
6	4, 5	60°	65°

### Heat Sentinel

When this switch is enabled (**UP**), it turns ON the heat sentinel protection feature. With the switch disabled (**DOWN**), the heat sentinel is de-activated. This feature automatically provides cooling without user interface. This helps to prevent an excessively hot room by turning the air conditioner ON at 85°F and OFF at 80°F.



Heat Sentinel

### Heat Boost

When this switch is enabled (**UP**) and outdoor temperatures are between 20° F and 46° F, heat pump only operation is locked out. This setting is used to provide supplementary heat to the heat pump operation in conditions where the heat pump only operation is not sufficient to maintain a consistent, comfortable room temperature to the consumer.



BOOST (Heat Boost Operation)

### Diagnostics Check–For Technician’s Use Only

When this switch is enabled (**UP**), the unit will go through an operations check of all components, which takes about 3 minutes (176 seconds). This diagnostic tool is intended for use by a qualified technician.



DIAGNOS (Diagnostic Check)

# Auxiliary controls on your Zoneline.

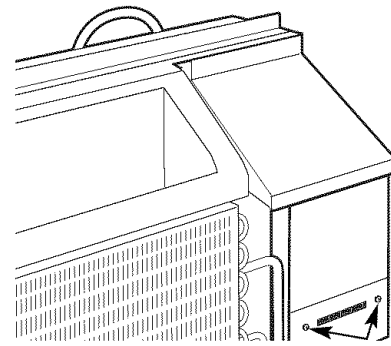
## Auxiliary Controls—Terminal Connections

The auxiliary controls are located behind the room cabinet below the control panel.

- 1 Remove the room cabinet. See the *To Remove the Room Cabinet* section.
- 2 Remove the screws from the lower panel front cover and lift the panel off.
- 3 After all desired settings have been made, replace the panel and room cabinet by reversing the above steps.

The owner is responsible for making all connections and setting the appropriate dip switches.

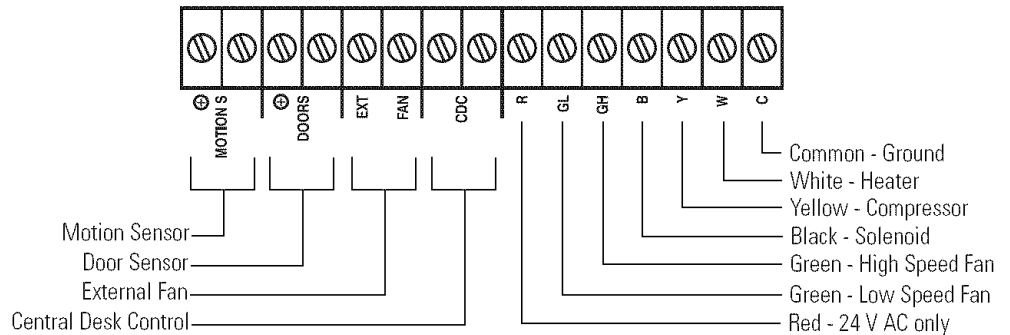
Insert the building hook-up wires into the bottom of the terminal and tighten screw securely to make the desired connections.



Remove screws and panel to access terminal connections

### CAUTION:

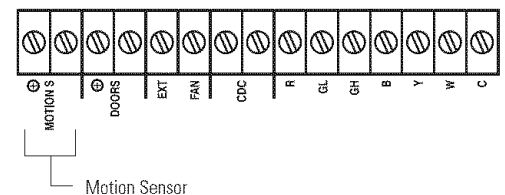
Improper wiring may damage the Zoneline electronics. No common bussing is permitted. Damage or erratic operation may result. A separate wire pair must be run from each separate controlling switch to each individual Zoneline.



### Motion Sensor (Obtained locally)

When connected, the wall mounted motion sensor will detect motion in the room and automatically turn the unit ON or OFF.

The door and motion sensors work together to automatically turn the unit ON or OFF.

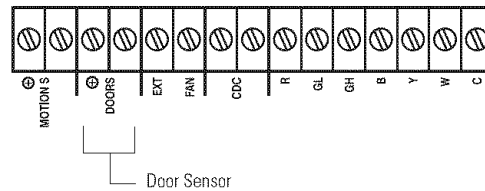




### Door Sensor (Obtained locally)

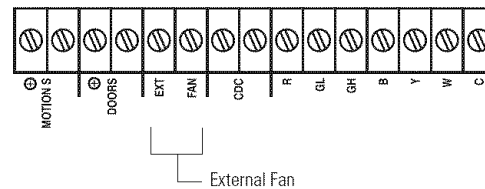
When connected, the door sensor will detect when the door in the room was opened or closed. This feature must be used in conjunction with the motion sensor.

The door and motion sensors work together to automatically turn the unit ON or OFF.



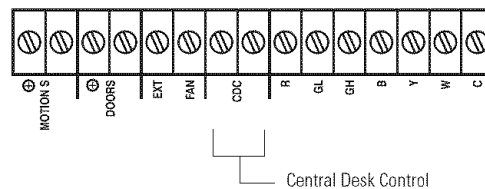
### External Fan (Obtained locally)

When connected, an auxiliary or external fan can be controlled with the indoor fan motor on the Zoneline. Connections provide 24 V AC to energize a remote relay, turning on the external fan.



### Central Desk Control

When connected, the unit can be turned ON or OFF with a switch located at the Central Control Panel. A separate wire pair must be run from each separate controlling switch to each individual Zoneline.



### Remote Thermostat

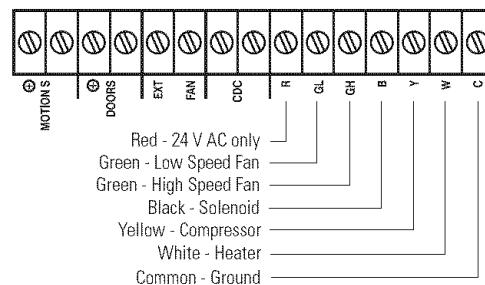
When connected, the unit will be controlled by a remote thermostat.

**NOTE:** The number 4 dip switch must be in the enabled (**UP**) position to activate the remote thermostat. (See the installation instructions supplied with the remote thermostat).

### IMPORTANT:

The Zoneline thermostat connections provide 24 V AC only.

If using a digital/electronic wall thermostat, you must set it to the 24 V AC setting. See the Installation Instructions for the wall thermostat.



### CAUTION:

Damage to a wall thermostat or to the Zoneline electronics can result from improper connections. Special care must be used in connecting blue and black wires. No line voltage connections should be made to any circuit. Isolate all wires in building from line voltage.

## Care and cleaning.

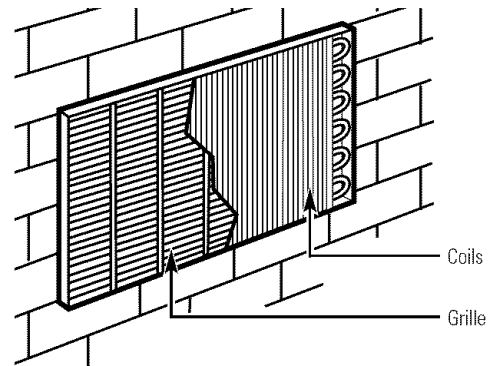
### Room Cabinet and Case

Turn the Zoneline off and disconnect the power supply.

To clean, use water and a mild detergent. Do not use bleach or abrasives. Some commercial cleaners may damage the plastic parts.

### Outdoor Coils

The coils on the outdoor side of the Zoneline should be checked regularly. If they are clogged with dirt or soot, they may be professionally steam cleaned, a service available through your GE service outlet. You will need to remove the unit to inspect the coils because the dirt build-up occurs on the inside.



*Clean the outside coils regularly.*

### Base Pan

In some installations, dirt or other debris may be blown into the unit from the outside and settle in the base pan (the bottom of the unit).

In some areas of the United States a “jell-like” substance may be seen in the base pan.

Check it periodically and clean, if necessary.

### Ventilation Filter

*If the vent door is open, clean the vent filter twice a year or as required.*

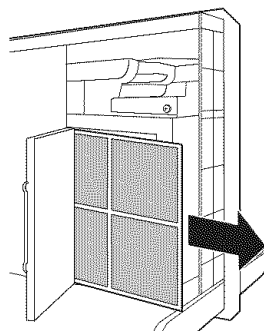
*Turn the Zoneline off before cleaning.*

#### To remove the vent filter:

- Remove the room cabinet. See the *To Remove the Room Cabinet* section.
- Remove the four screws securing the unit flanges to the case.
- Slide the unit from the wall case.
- Grasp the vent filter tab and pull the filter out by sliding it to the right.

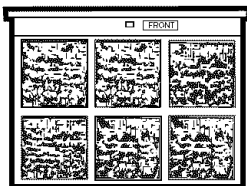
#### To clean the vent filter:

- Run water through the filter from the back side.
- Dry thoroughly before replacing.

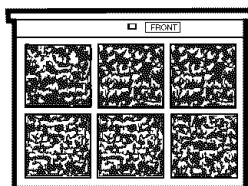


To maintain optimum performance, clean the filters at least every 30 days.

## Air Filters



Dirty filter—Needs cleaning



Clogged filter—Greatly reduces cooling, heating and airflow.

### Turn the Zoneline off before cleaning.

The most important thing you can do to maintain the Zoneline is to clean the filter at least every 30 days. Clogged filters reduce cooling, heating and air flow.

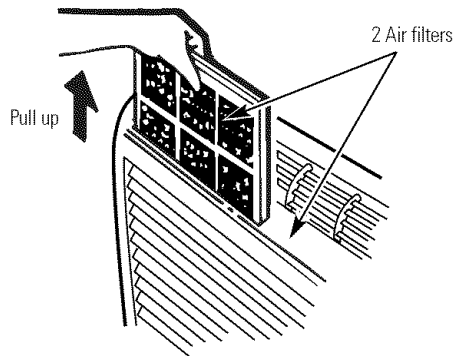
### Keeping these filters clean will:

- Decrease cost of operation.
- Save energy.
- Prevent clogged heat exchanger coils.
- Reduce the risk of premature component failure.

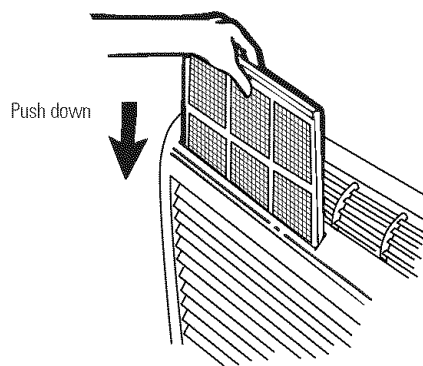
### To clean the air filters:

- Vacuum off the heavy soil.
- Run water through the filters.
- Dry thoroughly before replacing.

### To remove the air filters:



### To replace the air filters:



**⚠ CAUTION:** Do not operate the Zoneline without the filters in place. If a filter becomes torn or damaged it should be replaced immediately.

Operating without the filters in place or with damaged filters will allow dirt and dust to reach the indoor coil and reduce the cooling, heating, airflow and efficiency of the unit.

Replacement filters are available from your salesperson, GE dealer, GE Service and Parts Center or authorized Customer Care® servicers.

# Installation Instructions

# Zoneline Air Conditioners

Questions? Call 800.GE.CARES (800.432.2737) or Visit our Website at: [ge.com](http://ge.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 owner.
- **Note to Owner** — Keep these instructions for future reference.
- Proper installation is the responsibility of the installer.
- Product failure due to improper installation is not covered under the Warranty.

## TOOLS YOU WILL NEED



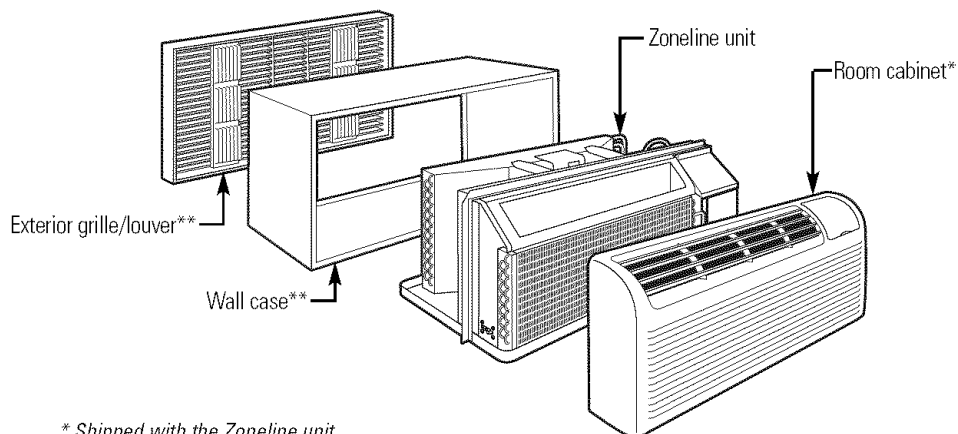
Phillips screwdriver

## IMPORTANT ELECTRICAL SAFETY—READ CAREFULLY

### ⚠ CAUTION:

- Follow the National Electrical Code (NEC) or local codes and ordinances.
- For personal safety, this Zoneline must be properly grounded.
- Protective devices (fuses or circuit breakers) acceptable for Zoneline installations are specified on the nameplate of each unit.
- Do not use an extension cord with this unit.
- Aluminum building wiring may present special problems—consult a qualified electrician.
- When the unit is in the STOP position there is still voltage to the electrical controls.
- Disconnect the power to the unit before servicing by:
  - 1 Removing the power cord (if it has one) from the wall receptacle.OR
  - 2 Removing the branch circuit fuses or turning the circuit breakers off at the panel.

## ZONELINE COMPONENTS

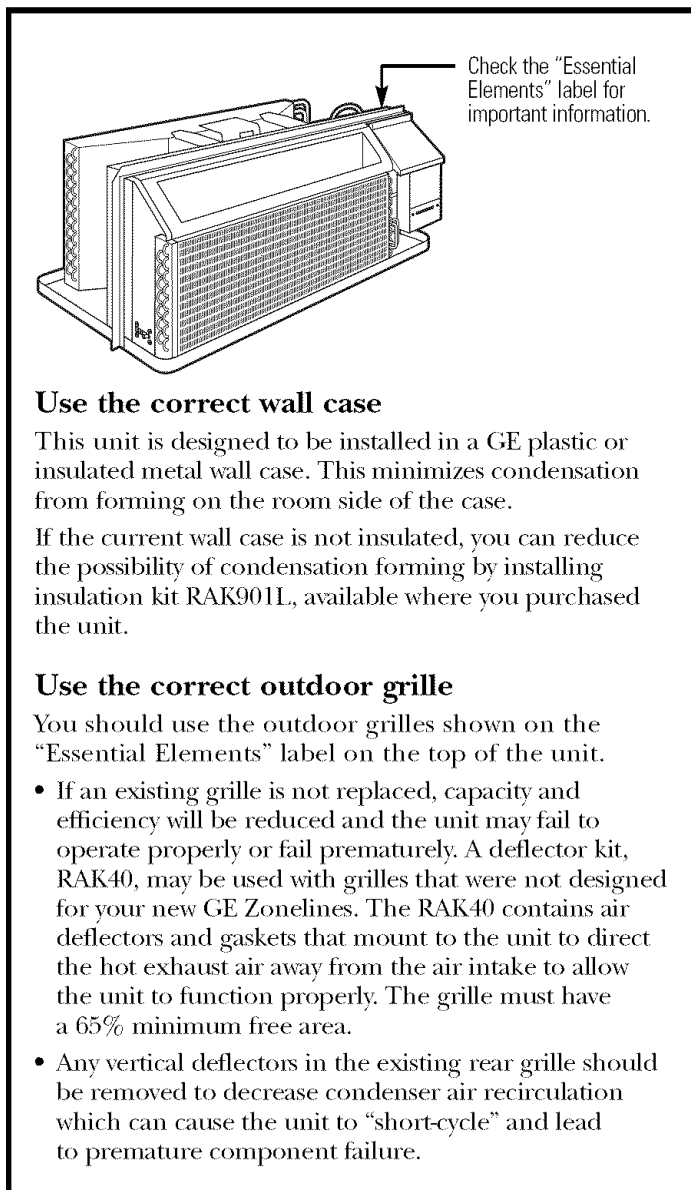


\* Shipped with the Zoneline unit

\*\* Check the "Essential Elements" list on the unit

# Installation Instructions

## REPLACING AN EXISTING UNIT?



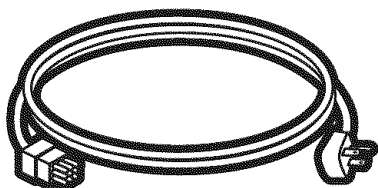
# Installation Instructions

## 230/208 VOLT ELECTRICAL SUPPLY

### HOW TO CONNECT

- 1 Remove the room cabinet.
- 2 Connect to electrical power.
- 3 See the special instructions below for applicable supply voltages.
- 4 Reinstall the room cabinet.

A power supply kit must be used to supply power to the Zoneline unit. The appropriate kit is determined by the voltage, the means of electrical connection and the amperage of the branch circuit.



Power supply kit

Connections of 208 or 230 volt circuits may be with a power supply kit or a junction box kit.

All wiring, including installation of the receptacle, must be in accordance with the NEC and local codes, ordinances and regulations. Local codes may require the use of an arc fault or leakage current detection device on the power cord. Be sure to select the correct cord for your installation.



**Tandem**  
15 Amp.



**Perpendicular**  
20 Amp.



**Large Tandem**  
30 Amp.

230/208 volt receptacle configuration.

Branch Circuit and Unit Amperage Rating	Proper GE Power Cord with LCDI Device
15	RAK3153
20	RAK3203
30	RAK3303*

\*Not approved for use on 7000 BTU models.

Power cords may include an arc fault interruption or a leakage current detection interruption device. A test and reset button is provided on the plug case or the inline case. The device should be tested on a periodic basis by first pressing the TEST button and then the RESET button. If the TEST button does not trip or if the RESET button will not stay engaged, discontinue use of the Zoneline and contact a qualified service technician.

Order Kit RAK4002B for 230/208 volt direct connection.

### IF USING AN ELECTRICAL SUBBASE

230/208 volt models may be installed using one of the following electrical subbases:

Branch Circuit and Unit Amperage Rating	Proper GE Subbase Kit
15	RAK204D15P
20	RAK204D20P
30	RAK204D30P*

\*Not approved for use on 7000 BTU models.

Electrical subbases provide an enclosure for direct connection or enclosed receptacles. The subbase kit includes the power cord.

The instructions provided with the selected subbase kit must be carefully followed. It is the responsibility of the installer to ensure the connection of components is done in accordance with these instructions and all electrical codes.

# Installation Instructions

## 265 VOLT ELECTRICAL SUPPLY

### **⚠ WARNING:**

Connection of this 265 V AC product to a branch circuit **MUST** be done by direct connection in accordance with the National Electric Code. Plugging this unit into a building mounted exposed receptacle is not permitted by code.

These models must be installed using the appropriate GE power supply kit for the branch circuit amperage and the electrical resistance heater wattage desired. See the POWER CONNECTION CHART in these Installation Instructions. One of the following installation methods must be used:

**A** Electrical subbase kits are available to provide a flexible enclosure for direct connection.

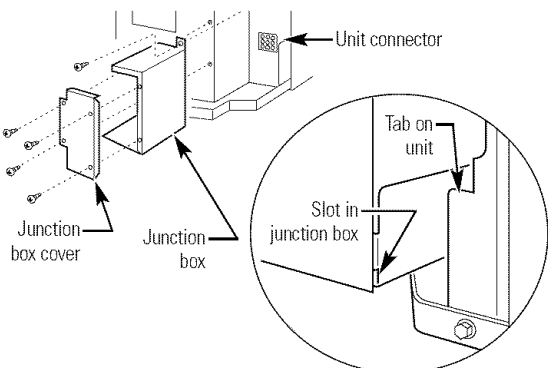
Branch Circuit and Unit Amperage Rating	Proper GE Subbase Kit	Power Supply Kit
15	RAK204E15	RAK5172
20	RAK204E20	RAK5202
30	RAK204E30	RAK5302

The instructions provided with the selected subbase kit must be carefully followed. It is the responsibility of the installer to ensure the connection of components is done in accordance with these instructions and all electrical codes.

**B** For direct connection to branch circuit wiring inside the provided junction box without using a subbase kit, cut the cord, strip the wire ends and connect as follows.

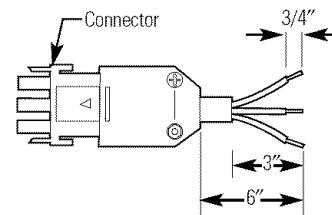
### **1 REMOVE JUNCTION BOX**

- 1 Remove the junction box cover by taking out the front four screws.
- 2 Remove the junction box by taking out the top rear screw. Note how the tab on the lower right corner of the junction box serves to hold the side in place. This will help when the box is being reinstalled. The cord will be coiled up inside the junction box.



### **2 CUT AND STRIP THE CORDSET**

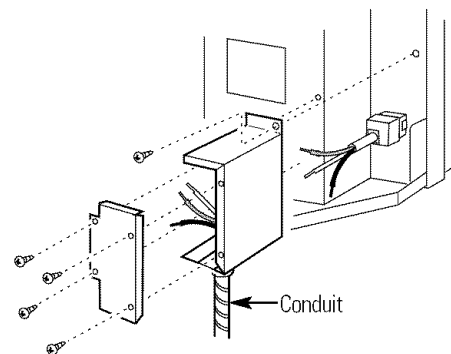
- 1 Remove the cordset from the power supply kit. Measure 6" down the cord from where it emerges from the back of the nylon plastic connector and cut the cord through at this point.
- 2 Carefully remove 3" of the cordset insulation so as to expose the three insulated wires.
- 3 Strip 3/4" of the insulation away at the end of each of the three wires (L1, Neutral and Ground). Plug the connector fully into place in the unit mating connector. Be sure the locking tabs at the sides are engaged.



**NOTE:** Order Kit RAK4002CW to enable a quick disconnect inside the junction box.

### **3 ATTACH CONDUIT**

- 1 Use the round knockout at the bottom of the junction box to attach conduit coming from the branch circuit. Remove the knockout, attach the conduit and bring wires into the junction box. Leave 6" of wire free at the end of the conduit to allow connections to be made.



- 2 If a fuse and fuseholder are to be used, the knockout at the top of the box is for mounting a Buss Fuseholder. Be sure the fuse and fuseholder are of the same rating as the branch circuit. Leadwires at the fuse can be either soldered in place or attached using UL-listed 1/4" female (receptacle) crimp connectors.

# Installation Instructions

## 265 VOLT ELECTRICAL SUPPLY

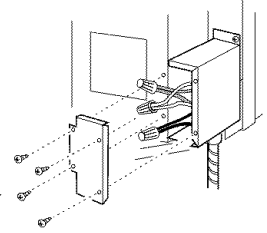
### 4 REINSTALL JUNCTION BOX

- Reinstall the junction box by engaging the tab at the lower rear, aligning the screw hole at the top and driving the one screw until secure. Be sure that all wire leads are inside the box and not pinched between the box and the unit. The green insulated ground wire from the unit **MUST** be connected to the branch circuit ground wire.

Make all wire connections by using appropriate UL-listed electrical connectors and techniques (black to black, white to white and green to green).

### 5 REINSTALL JUNCTION BOX COVER

- Carefully tuck all wires and connections back inside the junction box. Be sure there are no loose connections or stray uninsulated wires exposed.
- Place the junction box cover in place. Replace the two screws removed earlier and tighten securely.
- Discard the unused portion of the plug and the cordset.



### POWER CONNECTION CHART

#### 230/208 Volt

Power Supply Kits	Wall Plug Configuration	Circuit Protective Device	Heater Wattage @ 230/208 Volts
RAK3153	Tandem	15 Amp Time Delay Fuse or Breaker	2.55/2.09 KW
RAK3203	Perpendicular	20 Amp Time Delay Fuse or Breaker	3.45/2.82 KW
RAK3303*	Large Tandem	30 Amp Time Delay Fuse or Breaker	5.00/4.10 KW

#### 265 Volt

Power Supply Kits	Wall Plug Configuration	Circuit Protective Device	Heater Wattage @ 265 Volts
RAK5172	Does Not Apply	15 Amp Time Delay Fuse or Breaker	2.55 KW
RAK5202	Does Not Apply	20 Amp Time Delay Fuse or Breaker	3.45 KW
RAK5302*	Does Not Apply	30 Amp Time Delay Fuse or Breaker	5.0 KW

\* Not recommended for use on 7000 BTUH units.

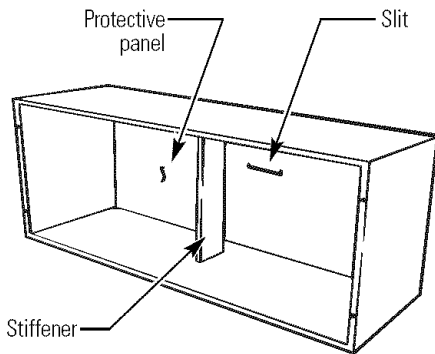


# Installation Instructions

## INSTALLING THE ZONELINE

### 1 INSTALL THE WALL CASE AND EXTERIOR GRILLE

- 1 The RAB71 series or RAB77 wall case must be properly installed per instructions packed with the case.
- 2 Remove the corrugated stiffener and the outdoor protective panel. Use the slit in the outdoor panel as a handhold and push out.



- 3 Install the exterior grille from the room side following instructions packed with the grille.

#### Insulated Wall Case

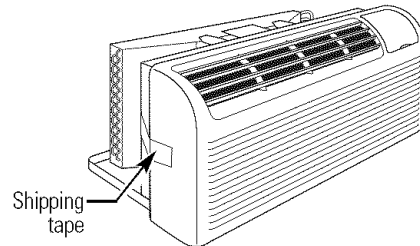
This unit is designed to be installed in a GE plastic or an insulated steel wall case. This minimizes condensation from forming on the room side of the case.

The RAB71 series wall cases are insulated. Insulation kit RAK901L is available for use with RAB77 or existing uninsulated wall cases when needed.

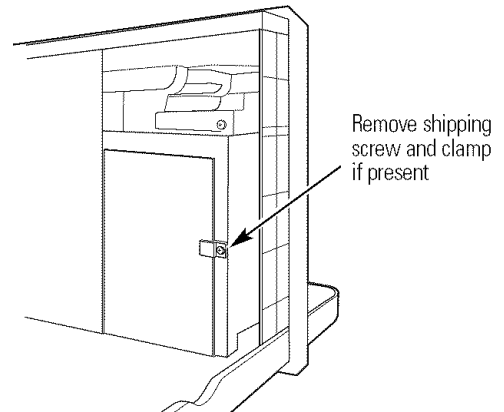
**NOTE:** For installation with a subbase, see the instructions packed with that kit.

### 2 PREPARE THE ROOM CABINET

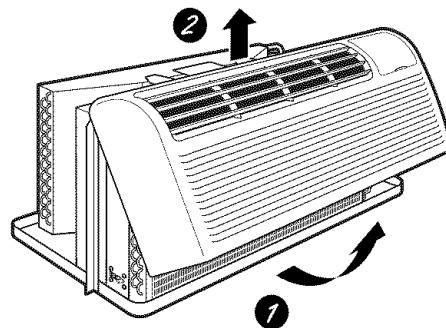
- 1 Carefully remove shipping tape, if there is any, from the room cabinet and vent door.



- 2 Remove the shipping screw/clamp from the vent door, if present.



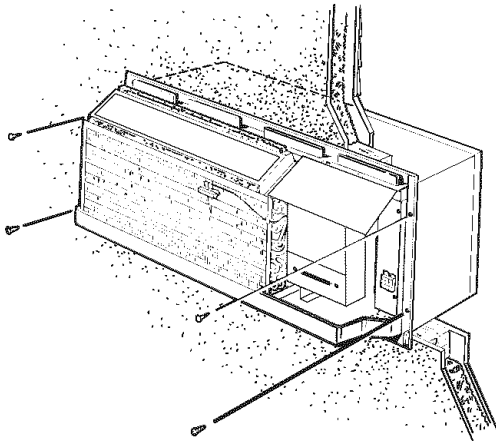
- 3 Remove the room cabinet by pulling it out at the bottom to release it (1), then lift it up to clear the rail along the unit top (2).



# Installation Instructions

## 3 INSTALL THE UNIT INTO THE WALL CASE

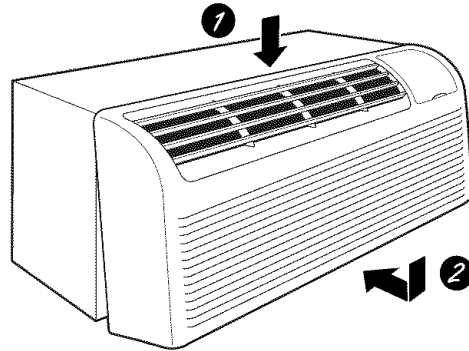
Slide the unit into the wall case and secure with four screws through the unit flange holes.



**NOTE:** There are several extra holes in the unit side flanges for installation in wall cases other than GE. To avoid damaging the flange insulation, the installer should use an awl or other sharp tool to puncture the insulation in the appropriate holes before installing the attachment screws.

## 4 REPLACE THE ROOM CABINET

Reinstall the room cabinet by hooking the top over the rail along the unit top (1), then pushing it in at the bottom (2).



# Before You Call For Service...

ge.com

## Troubleshooting Tips

<b>Problem</b>	<b>Possible Causes</b>	<b>What To Do</b>
<b>Zoneline does not start</b>	The unit is unplugged.	<ul style="list-style-type: none"> <li>Make sure the Zoneline plug is pushed completely into the outlet.</li> </ul>
	The fuse is blown/circuit breaker is tripped.	<ul style="list-style-type: none"> <li>Check the house fuse/circuit breaker box and replace the fuse or reset the breaker.</li> </ul>
	The unit is waiting for the compressor overload protector to reset.	<ul style="list-style-type: none"> <li>This is normal. The Zoneline will start again after it resets.</li> </ul>
	Power failure.	<ul style="list-style-type: none"> <li>There is an automatic delay start feature that may not allow the unit to start, after power is restored and the unit is turned back on, for approximately 30 seconds.</li> <li>There is a protective time delay (up to 3 minutes) to prevent tripping of the compressor overload. For this reason, the unit may not start normal heating or cooling for 3 minutes after it is turned back on.</li> </ul>
<b>Zoneline does not cool or heat as it should</b>	The current interrupter device is tripped.	<ul style="list-style-type: none"> <li>Press the <b>RESET</b> button located on the power cord plug or the box near the plug.</li> <li>If the <b>RESET</b> button will not stay engaged, discontinue use of the Zoneline and contact a qualified service technician.</li> </ul>
	Indoor airflow is restricted.	<ul style="list-style-type: none"> <li>Make sure there are no curtains, blinds or furniture blocking the front of the Zoneline.</li> </ul>
	Outdoor airflow is restricted or recirculated.	<ul style="list-style-type: none"> <li>Make sure the rear grille is not restricted. This can cause the unit to cycle off due to the compressor overload.</li> <li>Outdoor grille must have a minimum of 65% free area. Non-GE grilles may be too restrictive for proper performance. Consult your salesperson for assistance.</li> </ul>
	The temp control may not be set high enough.	<ul style="list-style-type: none"> <li>Turn the control to a lower or higher setting.</li> <li><b>NOTE:</b> The temperature limiter may be limiting the temperature range.</li> </ul>
	The air filter is dirty.	<ul style="list-style-type: none"> <li>Clean the filter at least every 30 days.</li> <li>See the <i>Operating Instructions</i> section.</li> </ul>
	The room may have been hot or cold.	<ul style="list-style-type: none"> <li>When the Zoneline is first turned on you need to allow time for the room to cool down or warm up.</li> </ul>
<b>Burning odor at the start of heating operation</b>	Outdoor air is entering the room.	<ul style="list-style-type: none"> <li>Set the vent control to the <b>CLOSE</b> position.</li> </ul>
	Dust is on the surface of the heating element.	<ul style="list-style-type: none"> <li>This can cause a "burning" odor at the beginning of the heating operation. This odor should quickly fade.</li> </ul>
<b>The air is not always cool or hot during operation</b>	The heat pump is not producing hot air.	<ul style="list-style-type: none"> <li>This is normal. The heat pump will produce warm air but not as hot as air produced when the higher-cost electric heat is used.</li> </ul>
	The fan switch may be set at continuous fan	<ul style="list-style-type: none"> <li>This causes the fan to blow room temperature air even when the compressor or heater cycles off. The continuous air movement provides better overall temperature control.</li> </ul>

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## Before You Call For Service...

### Troubleshooting Tips

Problem	Possible Causes	What To Do
The air does not feel warm enough during heating operation	The heat pump alone produces air that feels cooler than desired.	<ul style="list-style-type: none"> <li>Use the Electric Heat Option. This turns off the heat pump and warms with electric heat only. <b>NOTE:</b> Use of this option will result in increased energy consumption.</li> </ul>
Temperature display flashes	The compressor may have failed.	<ul style="list-style-type: none"> <li>Set the mode control to <b>STOP</b> and then restart the unit. If the flashing light reappears within 30 minutes, call for service.</li> </ul>

## Things that are normal.

### Normal Operating Sounds



You may hear a pinging noise caused by water being picked up and thrown against the condenser on rainy days or when the humidity is high. This design feature helps remove moisture and improve efficiency.

**"CLICK"**

You may hear relays click when the controls cycle on and off or are adjusted to change the room temperature.



Water will collect in the base pan during high humidity or on rainy days. The water may overflow and drip from the outdoor side of the unit.



The indoor fan runs continuously when the unit is operating in the cooling mode, unless the fan switch behind the room cabinet is set at fan cycle (up). This will cause the fan to cycle on and off with the compressor. You may also hear a fan noise stop and start.

**3-Minute Delay**



You may notice a few minutes delay in starting if you try to restart the Zoneline too soon after turning it off or if you adjust the thermostat right after the compressor has shut off. This is due to a built-in restart protector for the compressor that causes a 3-minute delay.

**SILENCE**

During the defrost cycle, both indoor and outdoor fans stop and the compressor will operate in the cooling mode to remove frost from the outdoor coil. After defrost, the unit will restart in electric heat to quickly warm the room to the desired comfort level.

**COMPRESSOR PROTECTION**

To protect the compressor and prevent short cycling, the unit is designed to run for a minimum of 3 minutes, after the compressor starts at any thermostat setting.



Please place in envelope and mail to:

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

# Consumer Product Ownership Registration

Dear Customer:

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

Follow these three steps to protect your new appliance investment:

# 1

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

# 2

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

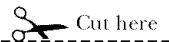
# 3

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

Model Number

Serial Number

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



## Consumer Product Ownership Registration



Model Number

Serial Number

Mr.  Ms.  Mrs.  Miss

First Name

Last Name

Street Address

Apt. #

E-mail Address\*

City

State

Zip Code

Date Placed In Use  
Month

Day

Year

Phone Number  -  -



**GE Consumer & Industrial Appliances**  
General Electric Company  
Louisville, KY 40225  
ge.com

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

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

**FAILURE TO COMPLETE AND RETURN THIS CARD DOES NOT DIMINISH YOUR WARRANTY RIGHTS.**

For information about GEA's privacy and data usage policy, go to ge.com and click on "Privacy Policy" or call 800.626.2224.

# Zoneline Warranty.



All warranty service provided by our Factory Service Centers, or an authorized Customer Care<sup>®</sup> technician. To schedule service, on-line, 24 hours a day, visit us at [ge.com](http://ge.com), or call 800.GE.CARES (800.432.2737). For service in Canada, call 1.800.361.3400. Please have serial number and model number available when calling for service.

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

For The Period Of:	GE Will Replace:
<b>One Year</b> From the date of the original purchase	<b>Any part</b> of the Zoneline which fails due to a defect in materials or workmanship. During this <b>limited one-year warranty</b> , GE will also provide, <b>free of charge</b> , all labor and related service to replace the defective part.
<b>Five Years</b> From the date of the original purchase	<b>Any part of the sealed refrigerating system</b> (the compressor, condenser, evaporator and all connecting tubing) which fails due to a defect in materials or workmanship. During this <b>four-year limited additional warranty</b> , GE will also provide, <b>free of charge</b> , all labor and related service to replace the defective part.
<b>Five Years</b> From the date of the original purchase	For the <b>second through the fifth year</b> from the date of original purchase, GE will replace <b>certain parts</b> that fail due to a defect in materials or workmanship. Parts covered are fan motors, switches, thermostats, heater, heater protectors, compressor overload, solenoids, circuit boards, auxiliary controls, thermistors, frost controls, ICR pump, capacitors, varistors and indoor blower bearing. During this <b>four-year limited additional warranty</b> , you will be responsible for any labor or on-site service costs.

## What GE Will Not Cover:

- Service trips to your site 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.
- In commercial locations, labor necessary to move the unit to a location where it is accessible for service by an individual technician.
- Failure or damage resulting from corrosion due to installation in an environment containing corrosive chemicals.
- Replacement of fuses or resetting of circuit breakers.
- Failure of the product resulting from modifications to the product or due to unreasonable use, including failure to provide reasonable and necessary maintenance.
- Failure or damage resulting from corrosion due to installation in a coastal environment, except for models treated with special factory-applied anti-corrosion protection as designated in the model number.
- Damage to product caused by improper power supply voltage, accident, fire, floods or acts of God.
- Incidental or consequential damage to personal property caused by possible defects with this air conditioner.
- Damage caused after delivery.
- Product not accessible to provide required service.

**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 one year or the shortest period allowed by law.

This warranty is extended to the original purchaser and any succeeding owner for products purchased for use within the USA and Canada. If the product is located in an area where service by a GE 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 warranty excludes the cost of shipping or service calls to your site.

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

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## Consumer Support

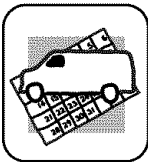
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### *GE Appliances Website*

**ge.com**

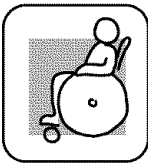
Have a question or need assistance with your appliance? Try the GE Appliances Website 24 hours a day, any day of the year! For greater convenience and faster service, you can now download Owner's Manuals, order parts, catalogs, or even schedule service on-line. You can also "Ask Our Team of Experts™" your questions, and so much more...



### *Schedule Service*

**ge.com**

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



### *Real Life Design Studio*

**ge.com**

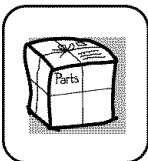
GE supports the Universal Design concept—products, services and environments that can be used by people of all ages, sizes and capabilities. We recognize the need to design for a wide range of physical and mental abilities and impairments. For details of GE's Universal Design applications, including kitchen design ideas for people with disabilities, check out our Website today. For the hearing impaired, please call 800.TDD.GEAC (800.833.4322).



### *Extended Warranties*

**ge.com**

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



### *Parts and Accessories*

**ge.com**

Individuals qualified to service their own appliances can have parts or accessories sent directly to their homes (VISA, MasterCard and Discover cards are accepted). Order on-line today, 24 hours every day or by phone at 800.626.2002 during normal business hours.

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



### *Contact Us*

**ge.com**

If you are not satisfied with the service you receive from GE, contact us on our Website with all the details including your phone number, or write to: General Manager, Customer Relations  
GE Appliances, Appliance Park  
Louisville, KY 40225



### *Register Your Appliance*

**ge.com**

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