



Radiant COOKTOP

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*Owner's Manual and
Installation Instructions*

JP256

Par rayonnement

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Radiante

Estufa

*Manual del propietario
y Instrucciones
de instalación*

La sección en español empieza en la página 53

*Write the model and serial
numbers here:*

Model # _____

Serial # _____

You can find them on a label
under the cooktop.

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

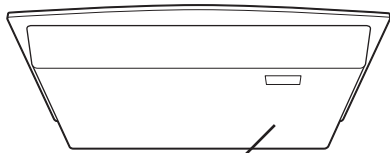
⚠ WARNING!

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

When using electrical appliances, basic safety precautions should be followed, including the following:

- Use this appliance only for its intended use as described in this manual.
- Do not attempt to repair or replace any part of your cooktop unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.
- Before performing any service, disconnect the cooktop power supply at the household distribution panel by removing the fuse or switching off the circuit breaker.
- Be sure your appliance is properly installed and grounded by a qualified technician in accordance with the provided installation instructions. This appliance must be supplied with the proper voltage and frequency, and connected to an individual, properly grounded branch circuit, protected by a circuit breaker or fuse acceptable for the indicated wattage on the name plate.
- Always keep dishtowels, dish cloths, pot holders and other linens a safe distance away from your cooktop.
- Always keep wooden and plastic utensils and canned food a safe distance away from your cooktop. They may become hot and could cause burns.
- Never wear loose-fitting or hanging garments while using the appliance. Flammable material could be ignited if brought in contact with hot surface elements and may cause severe burns.
- Use only dry pot holders—moist or damp pot holders on hot surfaces may result in burns from steam. Do not let pot holders touch hot surface elements. Do not use a towel or other bulky cloth. Such cloths can catch fire on a hot surface element.



Name plate location

- For your safety, never use your appliance for warming or heating the room.
- Do not use water on grease fires. Never pick up a flaming pan. Turn the controls off. Smother a flaming pan on a surface element by covering the pan completely with a well-fitting lid, cookie sheet or flat tray. Use a multi-purpose dry chemical or foam-type extinguisher.
- Flaming grease outside a pan can be put out by covering with baking soda or, if available, by using a multi-purpose dry chemical or foam-type fire extinguisher.
- Do not flame foods on the cooktop. If you do flame foods under the hood, turn the fan on.
- Do not let cooking grease or other flammable materials accumulate on the cooktop.
- Have the installer show you the location of the circuit breaker or fuse. Mark it for easy reference.
- Do not leave children alone—children should not be left alone or unattended in an area where an appliance is in use. They should never be allowed to sit or stand on any part of the appliance.
- Teach children not to play with the controls or any other part of the cooktop.
- Do not allow anyone to climb, stand or hang on the cooktop.
- **⚠ CAUTION:** Items of interest to children should not be stored in cabinets above a cooktop—children climbing on the cooktop to reach items could be seriously injured.
- Always keep combustible wall coverings, curtains or drapes a safe distance from your cooktop.

⚠ WARNING!

SAFETY PRECAUTIONS

- Do not touch surface elements. These surfaces may be hot enough to burn even though they are dark in color. During and after use, do not touch, or let clothing or other flammable materials contact the surface elements or areas nearby the surface elements; allow sufficient time for cooling first.
Potentially hot surfaces include the cooktop and areas facing the cooktop.
- To minimize the possibility of burns, ignition of flammable materials and spillage, the handle of a container should be turned toward the center of the cooktop without extending over any nearby surface elements.
- Always turn the surface element control to off before removing the cookware.
- Use proper pan size—select cookware having flat bottoms large enough to cover the surface element heating element. The use of undersized cookware will expose a portion of the surface element to direct contact and may result in ignition of clothing. Proper relationship of cookware to surface element will also improve efficiency.
- Never leave surface elements unattended at high heat settings. Boilovers cause smoking and greasy spillovers that may catch on fire.
- Only certain types of glass, glass/ceramic, earthenware or other glazed containers are suitable for cooktop cooking; others may break because of the sudden change in temperature.
- Keep an eye on foods being fried at high or medium-high heat settings.
- Foods for frying should be as dry as possible. Frost on frozen foods or moisture on fresh foods can cause hot fat to bubble up and over the sides of the pan.
- Use little fat for effective shallow or deep-fat frying. Filling the pan too full of fat can cause spillovers when food is added.
- If a combination of oils or fats will be used in frying, stir together before heating, or as fats melt slowly.
- Always heat fat slowly, and watch as it heats.
- Use a deep fat thermometer whenever possible to prevent overheating fat beyond the smoking point.
- Never try to move a pan of hot fat, especially a deep fat fryer. Wait until the fat is cool.
- Do not store flammable materials near the cooktop.
- Keep the hood and grease filters clean to maintain good venting and to avoid grease fires.
- Do not store or use combustible materials, gasoline or other flammable vapors and liquids in the vicinity of this or any appliance.
- Clean only parts listed in this Owner's Manual.
- Do not leave paper products, cooking utensils or food on the cooktop when not in use.
- Keep cooktop clean and free of accumulation of grease or spillovers which may ignite.
- Never heat unopened food containers. Pressure buildup may make container burst and cause injury.
- Never leave jars or cans of fat drippings on or near your cooktop.
- Never use your appliance for warming or heating the room.

COOK MEAT AND POULTRY THOROUGHLY...

Cook meat and poultry thoroughly—meat to at least an INTERNAL temperature of 160°F and poultry to at least an INTERNAL temperature of 180°F. Cooking to these temperatures usually protects against foodborne illness.

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

⚠ WARNING!

RADIANT SURFACE ELEMENTS

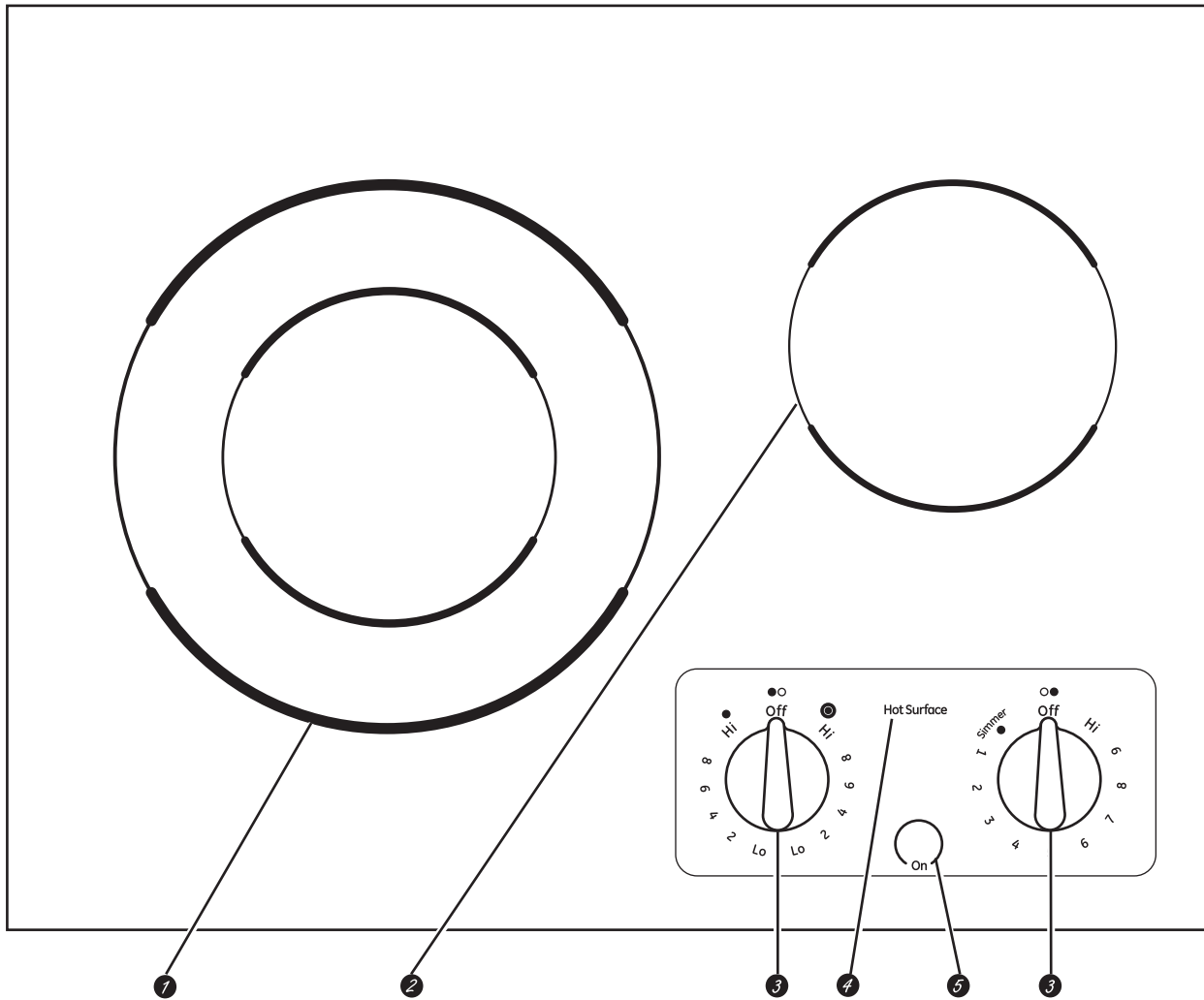
Use care when touching the cooktop. The glass surface of the cooktop will retain heat after the controls have been turned off.

- Avoid scratching the glass cooktop. The cooktop can be scratched with items such as sharp instruments, rings or other jewelry and rivets on clothing.
- Never use the glass cooktop surface as a cutting board.
- Do not place or store items on top of the glass cooktop surface when it is not in use.
- Be careful when placing spoons or other stirring utensils on glass cooktop surface when it is in use. They may become hot and could cause burns.
- Avoid heating an empty pan. Doing so may damage the cooktop and the pan.
- Do not allow water, other liquids or grease to remain on the cooktop.
- To minimize the possibility of burns, always be certain that the controls for all surface elements are at the off position and the entire glass surface is cool before attempting to clean the cooktop.
- Do not operate the glass surface elements if the glass is broken. Spillovers or cleaning solution may penetrate a broken cooktop and create a risk of electrical shock. Contact a qualified technician immediately should your glass cooktop become broken.
- Clean the cooktop with caution. If a wet sponge or cloth is used to wipe spills on a hot surface element, be careful to avoid steam burns. Some cleansers can produce noxious fumes if applied to a hot surface.
- **NOTE:** We recommend that you avoid wiping any surface element areas until they have cooled and the indicator light has gone off. ***Sugar spills are the exception to this.*** Please see the *Cleaning the Glass Cooktop* section.
- To avoid possible damage to the cooking surface, do not apply the cleaning cream to the glass surface when it is hot.
- After cleaning, use a dry cloth or paper towel to remove all the cleaning cream residue.
- Read and follow all instructions and warnings on the cleaning cream labels.
- Use care when touching the cooktop. The glass surface of the cooktop will retain heat after the controls have been turned **OFF**.
- Do not stand on the glass cooktop.
- Large scratches or impacts to glass cooktops can lead to broken or shattered glass.

READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY.

SAVE THESE INSTRUCTIONS

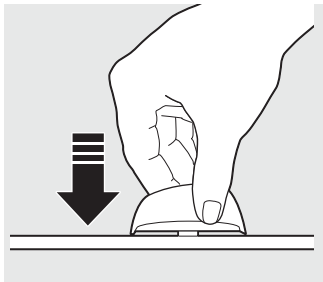
Throughout this manual, features and appearance may vary from your model.



<i>Feature Index (Features and appearances may vary.)</i>	<i>Explained on page</i>
1 Dual Surface Element	6, 7
2 Single Surface Element	7
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Using the surface elements.

Throughout this manual, features and appearance may vary from your model.



How to Set

Push the knob down and turn in either direction to the setting you want. When the control is in any position other than **Off**, it may be rotated without pushing it down.

At **Off**, **Hi**, **Lo** and **Simmer**, the control *clicks* into position. You may hear slight *clicking* sounds during cooking, indicating the control is keeping the power level you set.

The controls for the radiant surface elements can be set anywhere between **Lo** or **Simmer** and **Hi** for an unlimited number of heat settings. With the infinite switch, the element cycles on and off to maintain your selected control setting.

The **On** indicator light will glow when *any* surface element is on.

A **Hot Surface** indicator light will glow when any radiant element is turned on and will remain on until the surface is cooled to approximately 150°F.

NOTE:

- It comes on when the element is hot to the touch.
- It stays on even after the element is turned off.
- It glows brightly until the element is cooled to approximately 150°F.
- Be sure you turn the control knob to **Off** when you finish cooking.



Never cook directly on the glass. Always use cookware.

About the radiant surface elements...

The radiant cooktop features heating elements beneath a smooth glass surface.

NOTE: A slight odor is normal when a new cooktop is used for the first time. It is caused by the heating of new parts and insulating materials and will disappear in a short time.

NOTE: On models with light-colored glass cooktops, it is normal for the cooking zones to change color when hot or cooling down. This is temporary and will disappear as glass cools to room temperature.

The surface element will cycle on and off to maintain your selected control setting.

It is safe to place hot cookware (from the oven or surface) on the glass cooktop when the surface is cool.

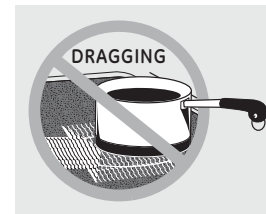
Even after the surface elements are turned off, the glass cooktop retains enough heat to continue cooking. To avoid overcooking, remove pans from the surface elements when the food is cooked.

Avoid placing utensils that could become hot or plastics that could melt on the surface element until it has cooled completely.

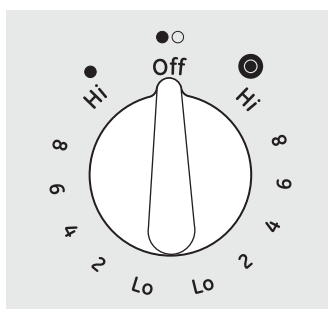
- Water stains (mineral deposits) are removable using the cleaning cream or full strength white vinegar.
- Use of window cleaner may leave an iridescent film on the cooktop. The cleaning cream will remove this discoloration.
- Don't store heavy items above the cooktop. If they drop onto the cooktop, they can cause damage.
- Do not use the surface as a cutting board.



Always center the pan on the surface element you are using.





Do not slide cookware across the cooktop because it can scratch the glass. The glass is scratch-resistant, not scratchproof.



Dual Surface Element (on some models)

The left front surface element has 2 cooking sizes to select from so you can match the size of the element to the size of the cookware you are using.

To use the large surface element, turn the **SELECTOR** knob to . Push down and turn the control knob to the desired setting. The element will heat the entire area contained by the larger circle.

To use the small surface element, turn the **SELECTOR** knob to . Push in and turn control knob to the desired setting. The element will only heat the area inside the smaller circle.

Surface Elements Cycle On and Off

Surface elements will cycle on and off to maintain the temperature you have selected.

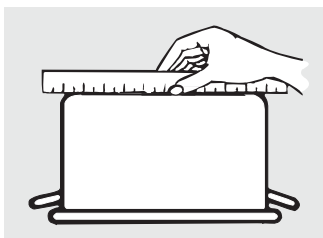
All radiant surface elements have a temperature limiter that protects the glass cooktop from getting too hot.

The temperature limiter may cycle the elements off while cooking if:

- The pan boils dry.
- The pan bottom is not flat.
- The pan is off-center.
- There is no pan on the element.

Selecting types of cookware.

The following information will help you choose cookware which will give good performance on glass cooktops.



Check pans for flat bottoms by using a straight edge.



Pans with rounded, curved, ridged or warped bottoms are not recommended.

Stainless Steel:

recommended

Aluminum:

heavyweight recommended

Good conductivity. Aluminum residue sometimes appears as scratches on the cooktop but can be removed if cleaned immediately. Because of its low melting point, thin weight aluminum should not be used.

Copper:

recommended

Copper Bottoms:

usable, but not recommended

Pans with copper bottoms may leave residue appearing as scratches. Remove any residue immediately after use. Do not let a pot boil dry. Overheated metal can bond to the glass cooktop and leave a permanent stain if it is not removed immediately.

Porcelain Enamel-Covered

Cast Iron:

recommended

As long as the cookware is covered completely with porcelain enamel, this cookware is recommended. Caution is recommended for cast-iron cookware that is not completely covered with smooth porcelain enamel, since it may scratch the glass ceramic cooktop.

Glass-Ceramic:

usable, but not recommended

Poor performance. May scratch the surface.

Stoneware:

usable, but not recommended

Poor performance. May scratch the surface.

Use pans that match the diameter of the surface element. Cooking performance will not be as good if the cookware is either smaller or larger than the surface element.

For Best Results



Do not place wet pans on the glass cooktop.

Do not use woks with support rings on the glass cooktop.

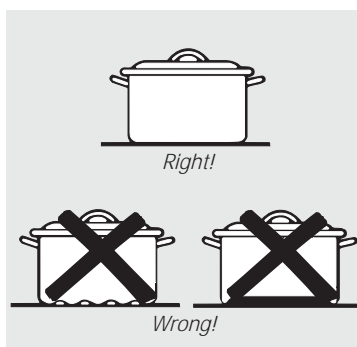
Use flat-bottomed woks on the glass cooktop.

■ Place only dry pans on the surface elements. Do not place lids on the surface elements, particularly wet lids.

■ Do not use woks that have support rings. This type of wok will not heat on glass surface elements.

■ We recommend that you use only a flat-bottomed wok. They are available at your local retail store. The bottom of the wok should have the same diameter as the surface element to ensure proper contact.

■ Some special cooking procedures require specific cookware such as pressure cookers, deep-fat fryers, etc. All cookware must have flat bottoms and be the correct size.



Note: Flat-bottomed canners are required for glass cooktops.

Observe the Following Points in Canning

Pots that extend beyond 1" of the surface element's circle are not recommended for most surface cooking. However, when canning with water-bath or pressure canner, larger-diameter pots may be used. This is because boiling water temperatures (even under pressure) are not harmful to the cooktop surfaces surrounding the surface elements.

HOWEVER, DO NOT USE LARGE-DIAMETER CANNERS OR OTHER LARGE-DIAMETER POTS FOR FRYING OR BOILING FOODS OTHER THAN WATER. Most syrup or sauce mixtures—and all types of frying—cook at temperatures much higher than boiling water. Such temperatures could eventually harm the glass cooktop surfaces.

- 1 Be sure the canner fits over the center of the surface element. If your cooktop or its location does not allow the canner to be centered on the surface element, use smaller-diameter pots for good canning results.
- 2 Flat-bottomed canners must be used. Do not use canners with flanged or rippled bottoms (often found in enamelware) because they don't make enough contact with the surface elements and take a long time to boil water.
- 3 When canning, use recipes and procedures from reputable sources. Reliable recipes and procedures are available from the manufacturer of your canner; manufacturers of glass jars for canning, such as Ball and Kerr brand; and the United States Department of Agriculture Extension Service.

- 4 Remember that canning is a process that generates large amounts of steam. To avoid burns from steam or heat, be careful when canning.

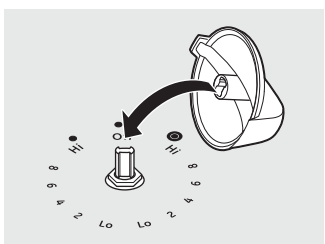
NOTE: If your house has low voltage, canning may take longer than expected, even though directions have been carefully followed. The process time will be shortened by:

- (1) using a pressure canner, and
- (2) starting with **HOT** tap water for fastest heating of large quantities of water.

CAUTION:

- Safe canning requires that harmful microorganisms are destroyed and that the jars are sealed completely. When canning foods in a water-bath canner, a gentle but steady boil must be maintained for the required time. When canning foods in a pressure canner, the pressure must be maintained for the required time.
- After you have adjusted the controls, it is very important to make sure the prescribed boil or pressure levels are maintained for the required time.
- Since you must make sure to process the canning jars for the prescribed time, with no interruption in processing time, do not can on any cooktop surface element if your canner is not flat.

Care and cleaning of the cooktop.



Control Knobs

The control knobs may be removed for easier cleaning.

Make sure the knobs are in the **Off** positions and pull them straight off the stems for cleaning.

The knobs can be cleaned in a dishwasher or they may also be washed with soap and water. Do not remove chrome accent skirt (on some models). Make sure the insides of the knobs are dry before replacing.

Replace the knobs in the **Off** position to ensure proper placement.

Cleaning the glass cooktop.



Clean your cooktop after each spill. Use CERAMA BRYTE® Ceramic Cooktop Cleaner.

Normal Daily Use Cleaning

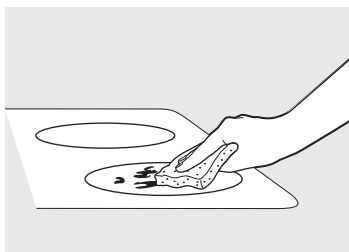
Use CERAMA BRYTE® Ceramic Cooktop Cleaner on the glass cooktop.

To maintain and protect the surface of your glass cooktop, follow these steps:

- 1 Before using the cooktop for the first time, clean it with CERAMA BRYTE® Ceramic Cooktop Cleaner. This helps protect the top and makes cleanup easier.
- 2 Daily use of CERAMA BRYTE® Ceramic Cooktop Cleaner will help keep the cooktop looking new.

- 3 Shake the cleaning cream well. Apply a few drops of CERAMA BRYTE® Ceramic Cooktop Cleaner directly to the cooktop.
- 4 Use a paper towel or CERAMA BRYTE® Cleaning Pad for Ceramic Cooktops to clean the entire cooktop surface.
- 5 Use a dry cloth or paper towel to remove all cleaning residue. No need to rinse.

NOTE: It is very important that you **DO NOT** heat the cooktop until it has been cleaned thoroughly.



Use a CERAMA BRYTE® Cleaning Pad for Ceramic Cooktops or a Scotch-Brite® Multi-Purpose No Scratch blue scrub pad.

Burned-On Residue

WARNING: DAMAGE to your glass surface may occur if you use scrub pads other than the pad included with your cooktop.

- 1 Allow the cooktop to cool.
- 2 Spread a few drops of CERAMA BRYTE® Ceramic Cooktop Cleaner on the entire burned residue area.
- 3 Using the included CERAMA BRYTE® Cleaning Pad for Ceramic Cooktops, rub the residue area, applying

pressure as needed.

- 4 If any residue remains, repeat the steps listed above as needed.
- 5 For additional protection, after all residue has been removed, polish the entire surface with CERAMA BRYTE® Ceramic Cooktop Cleaner and a paper towel.



The CERAMA BRYTE® Ceramic Cooktop Scraper and all recommended supplies are available through our Parts Center. See instructions under "To Order Parts" section on next page.

NOTE: Do not use a dull or nicked blade.

Heavy, Burned-On Residue

- 1 Allow the cooktop to cool.
- 2 Use a single-edge razor blade scraper at approximately a 45° angle against the glass surface and scrape the soil. It will be necessary to apply pressure to the razor scraper in order to remove the residue.
- 3 After scraping with the razor scraper, spread a few drops of CERAMA BRYTE® Ceramic Cooktop Cleaner on the entire burned residue area. Use the CERAMA BRYTE® Cleaning Pad to remove any remaining residue.

- 4 For additional protection, after all residue has been removed, polish the entire surface with CERAMA BRYTE® Ceramic Cooktop Cleaner and a paper towel.

Metal Marks and Scratches

- 1 Be careful not to slide pots and pans across your cooktop. It will leave metal markings on the cooktop surface.

These marks are removable using the CERAMA BRYTE® Ceramic Cooktop Cleaner with the CERAMA BRYTE® Cleaning Pad for Ceramic Cooktops.

- 2 If pots with a thin overlay of aluminum or copper are allowed to boil dry, the overlay may leave black discoloration on the cooktop.

This should be removed immediately before heating again or the discoloration may be permanent.

WARNING: Carefully check the bottom of pans for roughness that would scratch the cooktop.

Glass surface—potential for permanent damage.

Our testing shows that if you are cooking high sugar mixtures such as jelly or fudge and have a spillover, it can cause permanent damage to the glass surface unless the spillover is immediately removed.

Damage from Sugary Spills and Melted Plastic

- 1 Turn off all surface elements. Remove hot pans.
- 2 Wearing an oven mitt:
 - a. Use a single-edge razor blade scraper (CERAMA BRYTE® Ceramic Cooktop Scraper) to move the spill to a cool area on the cooktop.
 - b. Remove the spill with paper towels.

- 3 Any remaining spillover should be left until the surface of the cooktop has cooled.
- 4 Don't use the surface elements again until all of the residue has been completely removed.

NOTE: If pitting or indentation in the glass surface has already occurred, the cooktop glass will have to be replaced. In this case, service will be necessary.

To Order Parts

To order CERAMA BRYTE® Ceramic Cooktop Cleaner and the cooktop scraper, please call our toll-free number:

- National Parts Center 800.626.2002**
CERAMA BRYTE® Ceramic
 Cooktop Cleaner # WX10X300
CERAMA BRYTE® Ceramic
 Cooktop Scraper # WX10X0302
 Kit # WB64X5027
 (Kit includes cream and cooktop scraper)
CERAMA BRYTE® Cleaning Pads for Ceramic
 Cooktops # WX10X350

Installation Instructions

30" Electric Cooktop

JP256

? "If you have questions, call 800.GE.CARES or visit our website at: GEAppliances.com"

BEFORE YOU BEGIN

Read these instructions completely and carefully.

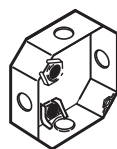
- **IMPORTANT** – Save these instructions for local inspector's use.
- **IMPORTANT** – Observe all governing codes and ordinances.
- **Note to Installer** – Be sure to leave these instructions with the Consumer.
- **Note to Consumer** – Keep these instructions for future reference.
- Product failure due to improper installation is not covered under the Warranty.

⚠ WARNING – This appliance must be properly grounded.

• **ATTENTION INSTALLER** – ALL COOKTOPS MUST BE HARD WIRED (DIRECT WIRED) INTO AN APPROVED JUNCTION BOX. A "PLUG AND RECEPTACLE" IS NOT PERMITTED ON THESE PRODUCTS.

- Proper installation is the responsibility of the installer and product failure due to improper installation is NOT covered under warranty.

MATERIALS YOU WILL NEED



Junction Box



Wire Nuts

TOOLS YOU WILL NEED



Pencil



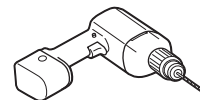
Saber Saw



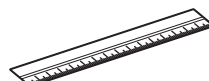
Phillips-Head
Screwdriver



1/4" Nut Driver



1/8" Drill Bit & Electric
or Hand Drill

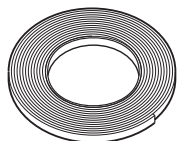


Ruler or Straightedge

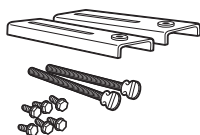


Safety Glasses

PARTS INCLUDED



Foam Tape



2 Hold-Down Brackets
6 Hex-Head Screws
(4 required, 2 extra)
2 Thumbscrews

Installation Instructions

IMPORTANT SAFETY INSTRUCTIONS

FOR YOUR SAFETY

- For Personal Safety, remove house fuse or open circuit breaker before beginning installation. Failure to do so could result in serious injury or death.
- Be sure your cooktop is installed properly by a qualified installer or service technician.
- To eliminate the risk of burns or fire due to reaching over heated surface elements, cabinet storage located above the surface units should be avoided. If cabinet storage space is to be provided, the risk can be reduced by installing a range hood that projects horizontally a minimum of 5" beyond the bottom of the cabinets. Cabinet installation above the cooktop may be no deeper than 13".
- Make sure the cabinets and wall coverings around the cooktop can withstand the temperatures (up to 200°F) generated by the cooktop.
- The cooktop should be easy to reach and lighted with natural light during the day.
- Always disconnect the electrical service to the cooktop before repairing or servicing the cooktop. This can be done by disconnecting the fuse or circuit breaker. Failure to do this could result in a dangerous or fatal shock. Know where your main disconnect switch is located. If you do not know, have your electrician show you.

ELECTRICAL REQUIREMENTS

This appliance must be supplied with the proper voltage and frequency, and connected to an individual, properly grounded branch circuit, protected by a circuit breaker or a time delay fuse as noted on name plate.

We recommend you have the electrical wiring and hookup of your cooktop connected by a qualified electrician. After installation, have the electrician show you where your main cooktop disconnect is located.

Wiring must conform to National Electrical Code. You can get a copy of the National Electrical Code, ANSI/NFPA No. 70-Latest Edition, by writing:

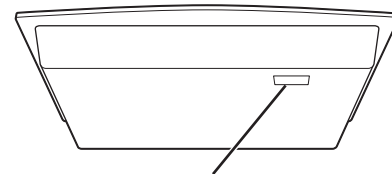
National Fire Protection Association
Batterymarch Park
Quincy, MA 02269

In Canada, wiring must conform to the Canadian Electrical Code (CEC).

The cooktop conduit wiring is approved for copper wire connection only, and if you have aluminum house wiring, you must use special UL approved connectors for joining copper to aluminum. In Canada, you must use special CSA approved connectors for joining copper to aluminum.

You must use a two-wire, three conductor 208/240 VAC, 60 Hertz electrical system. A white (neutral) wire is not needed for this unit. The cooktop must be installed in a circuit that does not exceed 125 VAC nominal to ground.

Refer to the name plate on your cooktop for the KW rating for your cooktop.



Name plate location

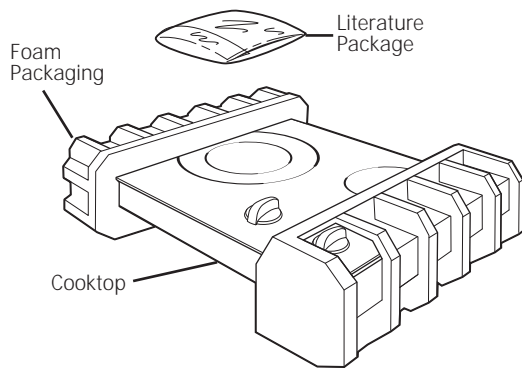
Installation Instructions

PRE-INSTALLATION CHECKLIST

⚠ WARNING – The electrical power to the cooktop supply line must be shut off while connections are being made. Failure to do so could result in serious injury or death.

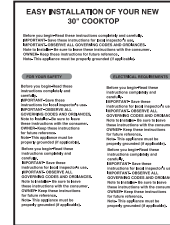
A When preparing cooktop opening, make sure the inside of the cabinet and the cooktop do not interfere with each other. (See section on preparing the opening.)

B Remove packaging materials and literature package from the cooktop before beginning installation.



C Remove Installation Instructions from literature pack and read them carefully before you begin.

Be sure to place all literature, Owner's Manual, Installations, etc. in a safe place for future reference.



D Make sure you have all the tools and materials you need before starting the installation of the cooktop.

E Your home must provide the adequate electrical service needed to safely and properly use your cooktop. (Refer to section on electrical requirements.)

F When installing your cooktop in your home, make sure all local codes and ordinances are followed exactly as stated.

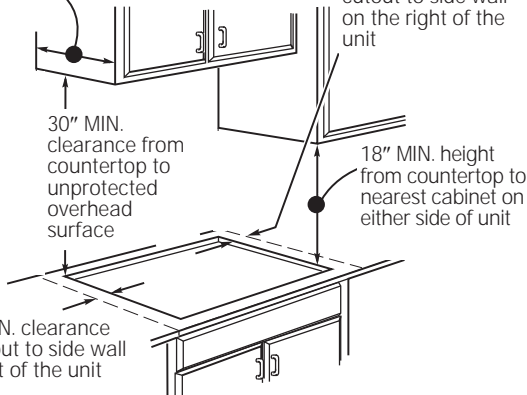
G Make sure the wall coverings, countertop and cabinets around the cooktop can withstand heat (up to 200°F) generated by the cooktop.

Installation Instructions

PREPARING THE OPENING

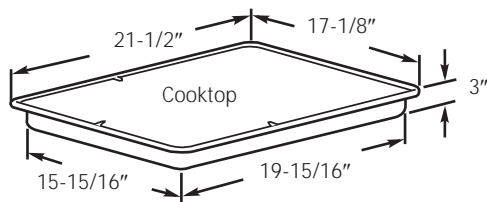
- 1** The following MINIMUM clearance dimensions must be maintained.

13" MAX. depth of unprotected overhead cabinets

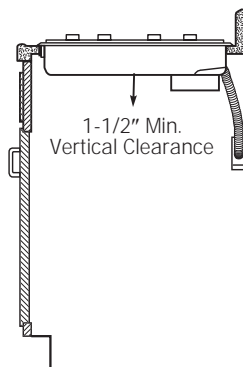


If a 30" clearance between the cooking surface and overhead combustible materials or metal cabinets cannot be maintained, a minimum clearance of 24" is required and the underside of the cabinets above the cooktop must be protected with not less than 1/4" insulating millboard covered with sheet metal not less than 0.0122" thick.

2 OVERALL COOKTOP DIMENSIONS

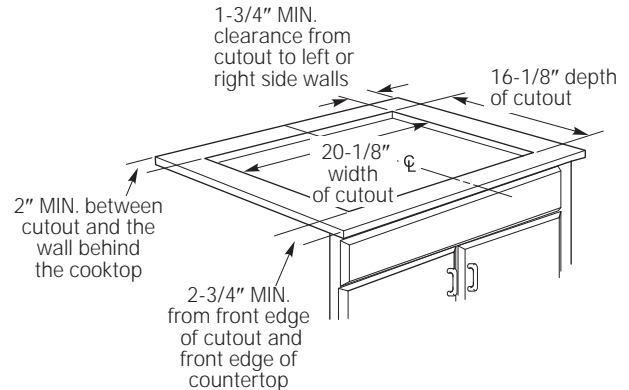


- 3** One and one-half inches (1-1/2") minimum vertical clearance between the cooktop bottom and any combustible surfaces.



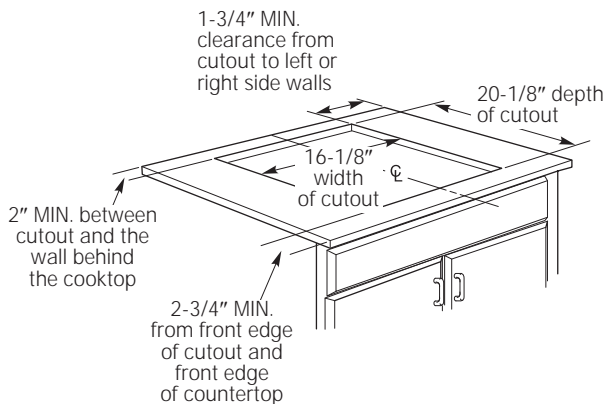
4 OPTIONAL INSTALLATIONS DIMENSIONS AND CLEARANCES

To ensure accuracy, it is best to make a template when cutting the opening in the counter.



HORIZONTAL INSTALLATION WITH CONTROLS AT THE FRONT

In this installation, the cooktop must be installed with the control knobs toward the front edge.



VERTICAL INSTALLATION MUST BE ORIENTED WITH CONTROLS ON THE LEFT SIDE

To eliminate the risk of burns by reaching over a heated surface, the cooktop must be installed with the controls on the left side.

In this installation, countertops must be at least 25" deep. Observe all minimum clearances at the front, rear and sides.

Installation Instructions

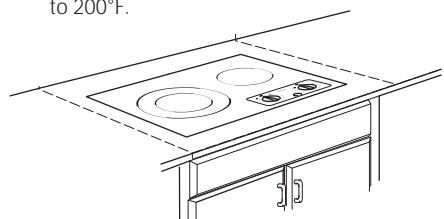
PREPARING THE OPENING (CONT.)

4 OPTIONAL INSTALLATIONS DIMENSIONS AND CLEARANCES (cont.)

Make sure the wall coverings, countertop and cabinets around the cooktop can withstand heat (up to 200°F) generated by the cooktop.



Wall coverings,
cabinets and
countertop must
withstand heat up
to 200°F.

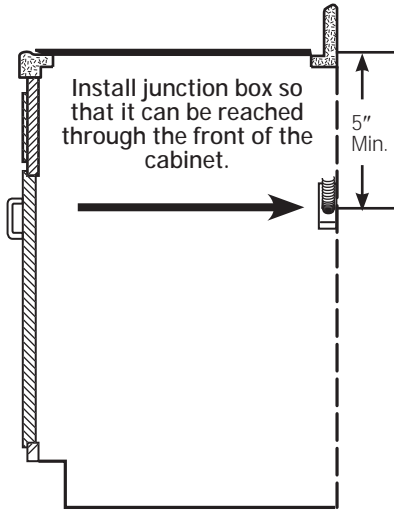


Installation Instructions

INSTALLING THE COOKTOP

1 INSTALLING THE JUNCTION BOX

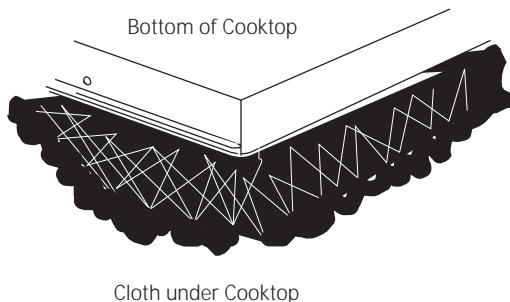
Install an approved junction box where it will be easily reached through the front of the cabinet where the cooktop will be located. The cooktop conduit is 58" long.



⚠ IMPORTANT: The junction box must be located where it will allow considerable slack in the conduit for serviceability.

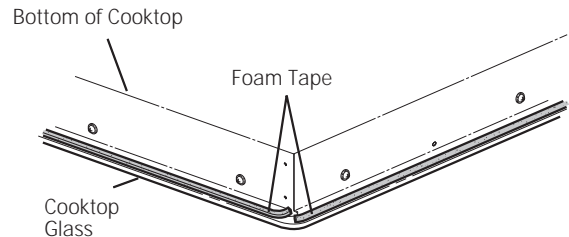
2 PROTECT SURFACE OF COOKTOP

Place a towel or tablecloth onto the countertop. Lay the cooktop upside down onto the protected surface.



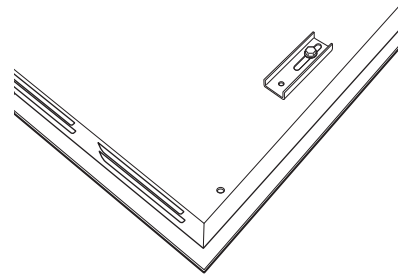
3 ATTACH FOAM TAPE

Apply the foam tape around the outer edge of the glass. Do not overlap the foam tape.



4 LOCATE MOUNTING PARTS

Start one screw through the bracket and into the cooktop (both sides). Do not tighten. Turn the bracket inward to avoid interference when dropping the cooktop into the countertop.

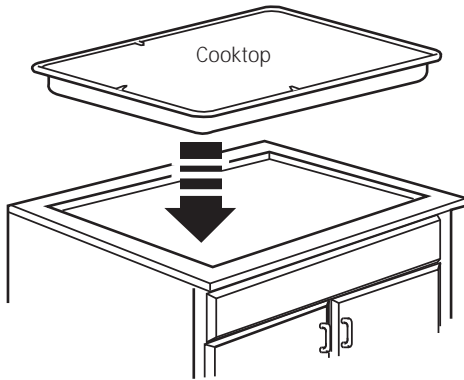


Installation Instructions

INSTALLING THE COOKTOP (CONT.)

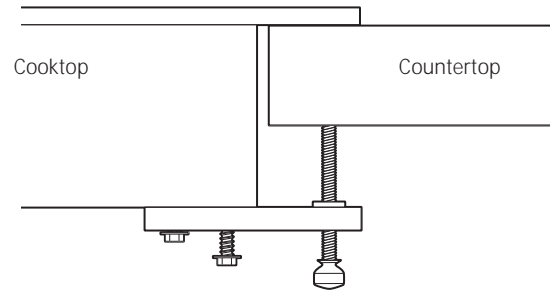
5 INSERT COOKTOP INTO CUTOUT

Insert the cooktop centered into the cutout opening. Make sure the front edge of the countertop is parallel to the cooktop. Make final check that all required clearances are met.



6 ATTACH HOLD-DOWN BRACKETS TO CABINET

Open the cabinet door. Install the second screw through the bracket and tighten. Then tighten the first screw. Install the thumbscrew until it touches the bottom of the countertop.

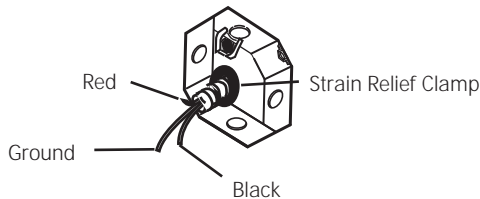


IMPORTANT: Turn the thumbscrew until it touches the bottom of the countertop. Do not overtighten.

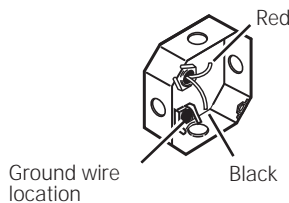
Installation Instructions

INSTALLATION—ELECTRICAL CONNECTIONS

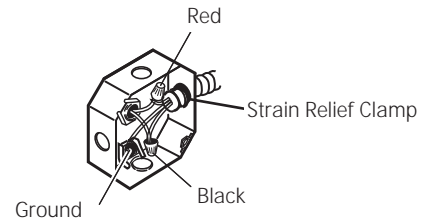
- A** When making the wire connections, use the entire length of conduit provided. **The conduit must not be shortened.**
- B** With the cooktop in place, open the front of the cabinet door.
- C** Insert the wires from the conduit through the opening of the junction box.



- D** Connect the red and black leads from the cooktop conduit to the corresponding leads in the junction box.



- E** Once the connections are made, secure wires together using wire nuts.



GROUNDING INSTRUCTIONS:

The bare ground wire in the conduit is connected to the cooktop frame. Effective January 1, 1996, the National Electrical Code will not permit grounding through neutral. If used in new construction after January 1, 1996 or in a mobile home, recreational vehicle or if local codes do not permit grounding through the neutral white lead, attach the appliance grounding lead (green or copper) to the residence grounding conductor (green or bare copper) in accordance with local codes. When connecting to a 3 conductor branch circuit, if local codes permit, connect the bare ground connector lead of the cooktop to the branch circuit neutral (gray or white in color).

⚠ IMPORTANT: If the cooktop is being installed into a blind counter (one with no cabinet opening below), wire connections must be made before putting the cooktop into the cutout opening.

Installation Instructions

CHECKLISTS

1 PRE-TEST CHECKLIST

- A** Remove all protective film, if present, and any stickers.
- B** Check to be sure that all wiring is secure and not pinched or in contact with moving parts.
- C** Check level of appliance.
- D** Check that the cooktop is properly grounded.

2 OPERATION CHECKLIST

- A** Remove all items from the top of the cooktop surface.
- B** Turn on the power to the cooktop. Verify that all surface burners operate properly.
- C** Check that the circuit breaker is not tripped nor the house fuse blown.
- D** Check that conduit is securely connected to the junction box.
- E** See troubleshooting list.

NOTE TO ELECTRICIAN:

The power leads supplied with this appliance are UL recognized for connections to larger gauge household wiring. The insulation of these leads is rated at temperatures much higher than the temperature rating of household wiring. The current carrying capacity of a conductor is governed by the wire gauge and also the temperature rating of the insulation around the wire.

NOTE: ALUMINUM WIRING

• WARNING:

IMPROPER CONNECTION OF ALUMINUM HOUSE WIRING TO THE COPPER LEADS CAN RESULT IN A SERIOUS PROBLEM.

- Splice copper wires to aluminum wiring using special connectors designed and UL approved for joining copper to aluminum and follow the manufacturer's recommended connector procedure closely.

NOTE: Wire used, location and enclosure of splices, etc., must conform to good wiring practice and local codes.

Before you call for service...



Troubleshooting Tips Save time and money! Review the chart on this page first and you may not need to call for service.

Problem	Possible Causes	What To Do
<i>Surface elements will not maintain a rolling boil or cooking is slow</i>	Improper cookware being used.	<ul style="list-style-type: none"> Use pans which are absolutely flat and match the diameter of the surface element selected.
<i>Surface elements do not work properly</i>	A fuse in your home may be blown or the circuit breaker tripped.	<ul style="list-style-type: none"> Replace the fuse or reset the circuit breaker.
	Cooktop controls improperly set.	<ul style="list-style-type: none"> Check to see the correct control is set for the surface element you are using.
<i>Tiny scratches or metal marks or abrasions on radiant cooktop glass surface</i>	Incorrect cleaning methods being used.	<ul style="list-style-type: none"> Use recommended cleaning procedures.
	Cookware with rough bottoms being used or coarse particles (salt or sand) were between the cookware and the surface of the cooktop.	<ul style="list-style-type: none"> Be sure cookware bottoms and cookware are clean before use. Use cookware with smooth bottoms. Tiny scratches are not removable but will become less visible in time as a result of cleaning.
	Cookware has been slid across the cooktop surface.	
<i>Areas of discoloration or dark streaks on the cooktop</i>	Improper cookware being used.	<ul style="list-style-type: none"> Marks from aluminum and copper pans as well as mineral deposits from water or food can be removed with the cleaning cream.
	Hot surface on a model with a light-colored cooktop.	<ul style="list-style-type: none"> This is normal. The surface may appear discolored when it is hot. This is temporary and will disappear as the glass cools.
	Food spillovers not cleaned before next use.	<ul style="list-style-type: none"> See the <i>Cleaning the glass cooktop</i> section.
	Incorrect cleaning methods being used.	<ul style="list-style-type: none"> Use recommended cleaning procedures.
<i>Plastic melted to the surface</i>	Hot cooktop came into contact with plastic placed on the hot cooktop.	<ul style="list-style-type: none"> See the <i>Glass surface—potential for permanent damage</i> section in the <i>Cleaning the glass cooktop</i> section.
<i>Pitting (or indentation) of the cooktop</i>	Hot sugar mixture spilled on the cooktop.	<ul style="list-style-type: none"> Call a qualified technician for replacement.
<i>Frequent cycling off and on of surface elements</i>	Improper cookware being used.	<ul style="list-style-type: none"> Use only flat cookware to minimize cycling. See <i>Surface elements cycle on and off</i> section.
<i>Control knob will not turn</i>	Cooktop controls improperly set.	<ul style="list-style-type: none"> When the knob is in the <i>Off</i> position, it must be pushed in before it can be turned. When the knob is in any other position, it can be turned without being pushed in.

GE Electric Cooktop Warranty.



All warranty service provided by our Factory Service Centers, or an authorized Customer Care[®] technician. To schedule service, on-line, 24 hours a day, visit us at GEAppliances.com, or call 800.GE.CARES (800.432.2737). (In Canada, call 1.800.561.3344.) 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:
One Year From the date of the original purchase	Any part of the cooktop which fails due to a defect in materials or workmanship. During this limited one-year warranty , GE will also provide, free of charge , all labor and in-home service to replace the defective part.

What GE Will Not Cover:

- Service trips to your home to teach you how to use the product.
- Improper installation, delivery or maintenance.
- Failure of the product if it is abused, misused, or used for other than the intended purpose or used commercially.
- Damage to the glass cooktop caused by use of cleaners other than the recommended cleaning creams and pads.
- Damage to the glass cooktop caused by hardened spills of sugary materials or melted plastic that are not cleaned according to the directions in the Owner's Manual.
- Replacement of house fuses or resetting of circuit breakers.
- Damage to the product caused by accident, fire, floods or acts of God.
- Incidental or consequential damage caused by possible defects with this appliance.
- 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 home use within the USA. 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. In Alaska, the 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 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 in the USA: General Electric Company. Louisville, KY 40225
Warrantor in Canada: Mabe Canada Inc.