



Electric Free-Standing, Slide-In, and Drop-In Ranges

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Owner's Manual

JB850 - 30" Free-Standing Double Oven
 JB870 - 30" Free-Standing Double Oven
 PB950 - 30" Free-Standing Double Oven

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

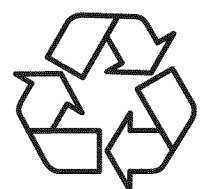
Para consultar una versión en español de este manual de instrucciones, visite nuestro sitio de internet GEAppliances.com.

Write the model and serial numbers here:

Model # _____

Serial # _____

You can find them on a label behind the door or drawer.




Printed on Recycled Paper

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

⚠ WARNING

Read all safety instructions before using the product. Failure to follow these instructions may result in fire, electrical shock, serious injury or death.

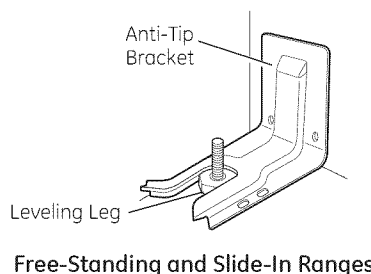
ANTI-TIP DEVICE

	<h3>⚠ WARNING</h3> <p><u>Tip-Over Hazard</u></p> <p>A child or adult can tip the range and be killed. Verify the anti-tip bracket has been properly installed and engaged.</p> <p>Ensure the anti-tip bracket is re-engaged when the range is moved.</p> <p>Do not operate the range without the anti-tip bracket in place and engaged.</p> <p>Failure to follow these instructions can result in death or serious burns to children or adults.</p>
	<p>To reduce the risk of tipping the range, the range must be secured by a properly installed anti-tip bracket. See installation instructions shipped with the bracket for complete details before attempting to install.</p> <p>For Free-Standing and Slide-In Ranges</p> <p>To check if the bracket is installed and engaged properly, look underneath the range to see that the rear leveling leg</p>

is engaged in the bracket. On some models, the storage drawer or kick panel can be removed for easy inspection. If visual inspection is not possible, slide the range forward, confirm the anti-tip bracket is securely attached to the floor or wall, and slide the range back so the rear leveling leg is under the anti-tip bracket.

If the range is pulled from the wall for any reason, always repeat this procedure to verify the range is properly secured by the anti-tip bracket.

Never completely remove the leveling legs or the range will not be secured to the anti-tip device properly.



STATE OF CALIFORNIA PROPOSITION 65 WARNING

The California Safe Drinking Water and Toxic Enforcement Act requires the Governor of California to publish a list of substances known to the state to cause cancer, birth defects or other reproductive harm, and requires businesses to warn customers of potential exposure to such substances.

⚠ WARNING This product contains one or more chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Self-clean ovens can cause low-level exposure to some of these substances, including carbon monoxide, during the cleaning cycle. Exposure can be minimized by venting with an open window or using a ventilation fan or hood.

SAVE THESE INSTRUCTIONS

▲ WARNING GENERAL SAFETY INSTRUCTIONS

- Use this appliance only for its intended purpose as described in this Owner's Manual.
- Be sure your appliance is properly installed and grounded by a qualified installer in accordance with the provided installation instructions.
- Do not attempt to repair or replace any part of your range unless it is specifically recommended in this manual. All other servicing should be transferred to a qualified technician.
- Before performing any service, unplug the range or disconnect the power supply at the household distribution panel by removing the fuse or switching off the circuit breaker.
- 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 climb, sit or stand on any part of the appliance.
- **▲ CAUTION** : Do not store items of interest to children above a range or on the backguard of a range—children climbing on the range to reach items could be seriously injured.
- 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 units or heating elements. Do not use a towel or other bulky cloth in place of pot holders.
- Never use your appliance for warming or heating the room.
- Do not touch the surface units, the heating elements or the interior surface of the oven. 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 units, areas nearby the surface units or any interior area of the oven; allow sufficient time for cooling first. Other surfaces of the appliance may become hot enough to cause burns. Potentially hot surfaces include the cooktop, areas facing the cooktop, oven vent opening, surfaces near the opening and crevices around the oven door.
- Do not heat unopened food containers. Pressure could build up and the container could burst, causing an injury.
- Do not use aluminum foil to line drip pans or anywhere in the oven, except as described in this manual. Foil can trap heat or melt, resulting in damage to the product and a shock or fire hazard.
- Avoid scratching or impacting glass doors, cook tops or control panels. Doing so may lead to glass breakage. Do not cook on a product with broken glass. Shock, fire or cuts may occur.
- 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.

▲ WARNING KEEP FLAMMABLE MATERIALS AWAY FROM THE RANGE

Failure to do so may result in fire or personal injury.

- Do not store or use flammable materials in an oven or near the cooktop, including paper, plastic, pot holders, linens, wall coverings, curtains, drapes and gasoline or other flammable vapors and liquids.
- Never wear loose-fitting or hanging garments while using the appliance. These garments may ignite if they contact hot surfaces causing severe burns.
- Do not let cooking grease or other flammable materials accumulate in or near the range. Grease in the oven or on the cooktop may ignite.
- Clean ventilating hoods frequently. Grease should not be allowed to accumulate on the hood or filter.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

⚠ WARNING

IN THE EVENT OF A FIRE, TAKE THE FOLLOWING STEPS TO PREVENT INJURY AND FIRE SPREADING

- Do not use water on grease fires. Never pick up a flaming pan. Turn the controls off. Smother a flaming pan on a surface unit by covering the pan completely with a well-fitting lid, cookie sheet or flat tray. Use a multi-purpose dry chemical or foam-type fire extinguisher.
- If there is a fire in the oven during baking, smother the fire by closing the oven door and turning the oven off or by using a multi-purpose dry chemical or foam-type fire extinguisher.
- If there is a fire in the oven during self-clean, turn the oven off and wait for the fire to go out. Do not force the door open. Introduction of fresh air at self-clean temperatures may lead to a burst of flame from the oven. Failure to follow this instruction may result in severe burns.

⚠ WARNING

COOKTOP SAFETY INSTRUCTIONS

- Never leave the surface units unattended at medium or high heat settings. Boilovers cause smoking and greasy spillovers that may catch on fire.
- Never leave oil unattended while frying. If allowed to heat beyond its smoking point, oil may ignite resulting in fire that may spread to surrounding cabinets. Use a deep fat thermometer whenever possible to monitor oil temperature.
- To avoid oil spillover and fire, use a minimum amount of oil when shallow pan-frying and avoid cooking frozen foods with excessive amounts of ice.
- Use proper pan size—select cookware having flat bottoms large enough to cover the surface heating element. The use of undersized cookware will expose a portion of the surface unit to direct contact and may result in ignition of clothing. Proper relationship of cookware to surface unit will also improve efficiency.
- Only certain types of glass, glass/ceramic, earthenware or other glazed containers are suitable for cooktop service; others may break because of the sudden change in temperature.
- 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 range without extending over nearby surface units.
- When preparing flaming foods under a hood, turn the fan on.
- If power is lost to an electric cooktop while a surface unit is ON, the surface unit will turn back on as soon as power is restored. In the event of power loss, failure to turn all surface unit knobs to the OFF position may result in ignition of items on or near the cooktop, leading to serious injury or death.

SAVE THESE INSTRUCTIONS

⚠ WARNING **RADIANT COOKTOP SAFETY INSTRUCTIONS**

- Use care when touching the cooktop. The glass surface of the cooktop will retain heat after the controls have been turned off.
- Do not cook on a broken cooktop. If glass cooktop should break, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. Contact a qualified technician immediately.
- Avoid scratching the glass cooktop. The cooktop can be scratched with items such as knives, sharp instruments, rings or other jewelry, and rivets on clothing.
- Do not place or store items that can melt or catch fire on the glass cooktop, even when it is not being used. If the cooktop is inadvertently turned on, they may ignite. Heat from the cooktop or oven vent after it is turned off may cause them to ignite also.
- Use CERAMA BRYTE® ceramic Cooktop Cleaner and CERAMA BRYTE® Cleaning Pad to clean the cooktop. Wait until the cooktop cools and the indicator light goes out before cleaning. A wet sponge or cloth on a hot surface can cause steam burns. Some cleaners can produce noxious fumes if applied to a hot surface. Note: Sugar spills are an exception. They should be scraped off while still hot using an oven mitt and a scraper. See the Cleaning the glass cooktop section for detailed instructions.
- Read and follow all instructions and warnings on the cleaning cream label.

⚠ WARNING **OVEN SAFETY INSTRUCTIONS**

- Stand away from the range when opening the oven door. Hot air or steam which escapes can cause burns to hands, face and/or eyes.
- Do not use the oven if a heating element develops a glowing spot during use or shows other signs of damage. A glowing spot indicates the heating element may fail and present a potential burn, fire, or shock hazard. Turn the oven off immediately and have the heating element replaced by a qualified service technician.
- Keep the oven vent unobstructed.
- Keep the oven free from grease buildup. Grease in the oven may ignite.
- Place oven racks in desired location while oven is cool. If rack must be moved while oven is hot, do not let pot holder contact hot heating element in oven.
- When using cooking or roasting bags in the oven, follow the manufacturer's directions.
- Pull the oven rack to the stop-lock position when loading and unloading food from the oven. This helps prevent burns from touching hot surfaces of the door and oven walls.
- Do not leave items such as paper, cooking utensils or food in the oven when not in use. Items stored in an oven can ignite.
- Do not use aluminum foil to line the oven bottom. Foil can trap heat or melt, resulting in damage to the product and a shock or fire hazard.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.

**WARNING**

SELF-CLEANING OVEN SAFETY INSTRUCTIONS

The self-cleaning feature operates the oven at temperatures high enough to burn away food soils in the oven. Follow these instructions for safe operation.

- Do not touch oven surfaces during self-clean operation. Keep children away from the oven during self-cleaning. Failure to follow these instructions may cause burns.
- Before operating the self-clean cycle, remove pans, shiny metal oven racks and other utensils from the oven. Only gray porcelain-coated oven racks may be left in the oven. Do not use self-clean to clean other parts, such as drip pans or bowls.
- Before operating the self-clean cycle, wipe grease and food soils from the oven. Excessive amount of grease may ignite leading to smoke damage to your home.
- If the self-cleaning mode malfunctions, turn the oven off and disconnect the power supply. Have it serviced by a qualified technician.
- Do not clean the door gasket. The door gasket is essential for a good seal. Care should be taken not to rub, damage or move the gasket.
- Do not use oven cleaners. No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the oven.

SAVE THESE INSTRUCTIONS

Thank You! ... for your purchase of a GE Brand appliance.

Register Your Appliance: Register your new appliance on-line at your convenience!

www.geappliances.com/service_and_support/register/

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.

GE Electric Range Warranty

GEAppliances.com

All warranty service is provided by our Factory Service Centers, or an authorized Customer Care® technician. To schedule service, on-line, visit us at www.geappliances.com/service_and_support/, or call 800.GE.CARES (800.432.2737). Please have serial number and model number available when calling for service.

Servicing your appliance may require the use of the onboard data port for diagnostics. This gives a GE factory service technician the ability to quickly diagnose any issues with your appliance and helps GE improve its products by providing GE with information on your appliance. If you do not want your appliance data to be sent to GE, please advise your technician not to submit the data to GE at the time of service.

For the period of one year from the date of the original purchase. GE will provide any part of the range 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, modified 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 for service. 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: General Electric Company, Louisville, KY 40225

Extended Warranties: 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

www.geappliances.com/service_and_support/shop-for-extended-service-plans.htm

or call 800.626.2224 during normal business hours. GE Consumer Home Services will still be there after your warranty expires.

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

Have a question or need assistance with your appliance?

Try the GE Appliances Website (www.geappliances.com/service_and_support/) 24 hours a day, any day of the year! For greater convenience and faster service, you can now download Owner's Manuals, order parts or even schedule service on-line.

Schedule Service: Expert GE repair service is only one step away from your door. Get on-line and schedule your service at www.geappliances.com/service_and_support/ Or call 800.GE.CARES (800.432.2737) during normal business hours.

Parts and Accessories: Individuals qualified to service their own appliances can have parts or accessories sent directly to their homes (VISA, MasterCard and Discover cards are accepted). Order on-line today, 24 hours every day 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.

Real Life Design Studio: GE supports the Universal Design concept of 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).

Contact Us: 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

Accessories

Looking For Something More?

GE offers a variety of accessories to improve your cooking and maintenance experiences!

To place an order visit us online at:

www.GEApplianceParts.com (U.S.) or www.GEAppliances.ca (Canada)

or call **800.626.2002** (U.S.) **800.661.1616** (Canada)

The following products and more are available:

Accessories

Small Broiler Pan (8 ¾" x 1 ¼" x 13 ½")	WB48X10055 (US) 222D2097G001 (Canada)
Large* Broiler Pan (12 ¾" x 1 ¼" x 16 ½")	WB48X10056 (US) 222D2097G002 (Canada)
XL** Broiler Pan (17" x 1 ¼" x 19 1/4")	WB48X10057 (US) Not available in Canada

Parts

Oven racks	Part numbers vary by model
Oven elements	Part numbers vary by model
Light bulbs	Part numbers vary by model

Cleaning Supplies

CitruShine Stainless Steel Wipes	WX10X10007
Cerama Bryte Stainless Steel Appliance Cleaner	PM10X311
CERAMA BRYTE® Cleaning Pads for Ceramic Cooktops	WX10X350
CERAMA BRYTE® Ceramic Cooktop Cleaner	WX10X300
CERAMA BRYTE® Ceramic Cooktop Scraper	WX10X0302
Kit (Kit includes cream and cooktop scraper)	WB64X5027

*The large broiler pan does not fit in 20"/24" ranges.

**The XL broiler pan does not fit in 24" wall ovens, 27" drop ins or 20"/24" range

How to Remove Protective Shipping Film and Packaging Tape

Carefully grasp a corner of the protective shipping film with your fingers and slowly peel it from the appliance surface. Do not use any sharp items to remove the film. Remove all of the film before using the appliance for the first time.

To assure no damage is done to the finish of the product, the safest way to remove the adhesive from packaging tape

on new appliances is an application of a household liquid dishwashing detergent. Apply with a soft cloth and allow to soak.

NOTE: The adhesive must be removed from all parts. It cannot be removed if it is baked on.

Surface Units

⚠ WARNING

FIRE HAZARD: Never leave the range unattended with the cooktop on medium or high settings. Keep flammable items away from the cooktop. Turn off all controls when done cooking. Failure to follow these instructions can result in fire, serious injury or death.

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

How to Set

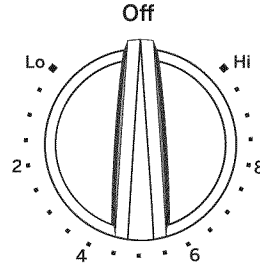
Push the knob in and turn in either direction to the setting you want.

A surface ON indicator light will glow when any surface unit is on

For glass cooktop surfaces:

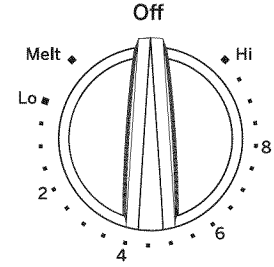
A **HOT COOKTOP** indicator light will:

- come on when the unit is hot to the touch.
- stay on even after the unit is turned off.
- stay on until the unit is cooled to approximately 150°F.



At both OFF and HI the control clicks into position. You may hear slight clicking sounds during cooking, indicating the control is maintaining your desired setting.

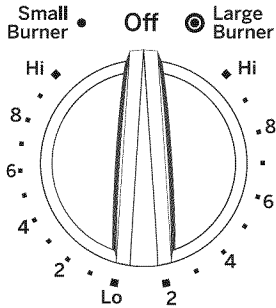
Be sure you turn the control knob to OFF when you finish cooking.



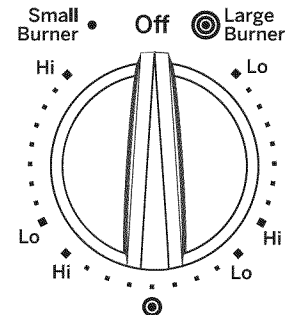
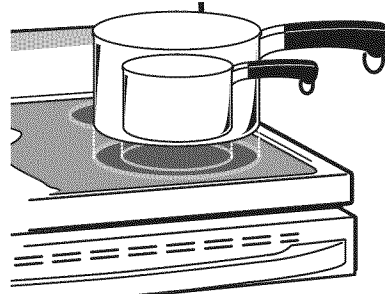
Melt setting (on some models) will melt chocolate or butter.

Dual and Triple Surface Units and Control Knobs (on some models)

The surface unit has 2 or 3 cooking sizes to select from so you can match the size of the unit to the size of the cookware you are using.



Models with a Dual-Ring surface element only



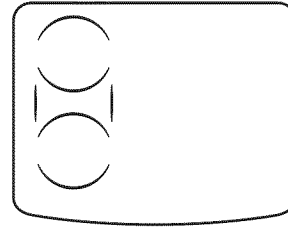
Models with a Tri-Ring surface element only.

Surface Units (Cont.)

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

Using the Bridge Zone (on some models)

To use the bridge zone, adjust the knobs for the Left rear and Left front elements to create one large area for even cooking.



Models with a bridge Zone only.

Using the Warming Zone

▲ WARNING

FOOD POISON HAZARD: Bacteria may grow in food at temperatures below 140°F.

- Always start with hot food. Do not use warm setting to heat cold food.
- Do not use warm setting for more than 2 hours.

The **WARMING ZONE**, located in the back center of the glass surface, will keep hot, cooked food at serving temperature. Always start with hot food. Do not use to heat cold food. Placing uncooked or cold food on the **WARMING ZONE** could result in foodborne illness.

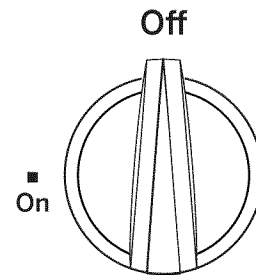
Turn the control knob to the ON position.

For best results, all foods on the **WARMING ZONE** should be covered with a lid or aluminum foil. When warming pastries or breads, the cover should be vented to allow moisture to escape.

The initial temperature, type and amount of food, type of pan, and the time held will affect the quality of the food.

Always use pot holders or oven mitts when removing food from the **WARMING ZONE**, since cookware and plates will be hot.

NOTE: The surface warmer will not glow red like the cooking elements.



Warming Zone

Surface Units (Cont.)

Home Canning Tips

Be sure the canner is centered over the surface unit.
 Make sure the canner is flat on the bottom.
 To prevent burns from steam or heat, use caution when canning.

Use recipes and procedures from reputable sources. These are available from manufacturers such as Ball® and Kerr® and the Department of Agriculture Extension Service.
 Flat-bottomed canners are recommended. Use of water bath canners with rippled bottoms may extend the time required to bring the water to a boil.

For Models With a Radiant Glass Cooktop

The radiant cooktop features heating units 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 the glass cools to room temperature.

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

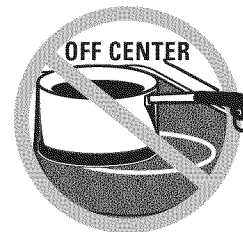
It is safe to place hot cookware on the glass surface even when the cooktop is cool.

Even after the surface units are turned off, the glass cooktop retains enough heat to continue cooking. To avoid overcooking, remove pans from the surface units when the food is cooked. Avoid placing anything on the surface unit 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 film.
- 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.



Never cook directly on the glass. Always use cookware.



Always place the pan in the center of the surface unit you are cooking on.



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

Temperature Limiter on Radiant Glass Cooktops

Every radiant surface unit has a temperature limiter. The temperature limiter protects the glass cooktop from getting too hot.

The temperature limiter may cycle the surface units off for a time if:

- the pan boils dry.
- the pan bottom is not flat.
- the pan is off-center.
- there is no pan on the unit.

Cookware for Radiant Glass Cooktop

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

Stainless Steel:
recommended

Aluminum:
heavy weight recommended

Good conductivity. Aluminum residues sometimes appear 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 Bottom:
recommended

Copper may leave residues which can appear as scratches. The residues can be removed, as long as the cooktop is cleaned immediately. However, do not let these pots boil dry. Overheated metal can bond to glass cooktops. An overheated copper bottom pot will leave a residue that will permanently stain the cooktop if not removed immediately.

Porcelain Enamel on Cast Iron:
recommended if bottom of pan is coated

Porcelain Enamel on Steel:
not recommended

Heating empty pans can cause permanent damage to cooktop glass. The enamel can melt and bond to the ceramic cooktop.

Glass-ceramic:
not recommended

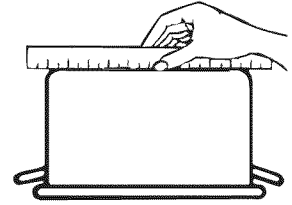
Poor performance. Will scratch the surface.

Stoneware:
not recommended

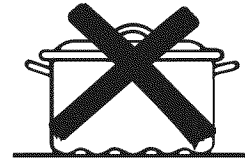
Poor performance. May scratch the surface.

Cast Iron:
not recommended—unless designed specifically for glass cooktops

Poor conductivity and slow to absorb heat. Will scratch the cooktop surface.



Check pans for flat bottoms by using a straight edge.

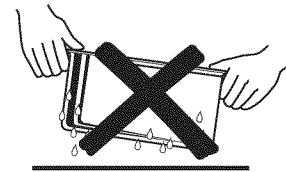


Pans with rounded, curved, ridged or warped bottoms are not recommended.

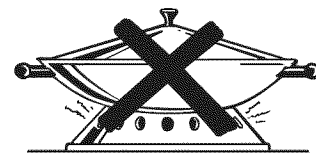
NOTE: Follow all cookware manufacturer's recommendations when using any type of cookware on the ceramic cooktop.

For Best Results

- Place only dry pans on the surface elements. Do not place lids on the surface elements, particularly wet lids. Wet pans and lids may stick to the surface when cool.
- 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 or deep-fat fryers. All cookware must have flat bottoms and be the correct size.



Do not place wet pans on the glass cooktop.

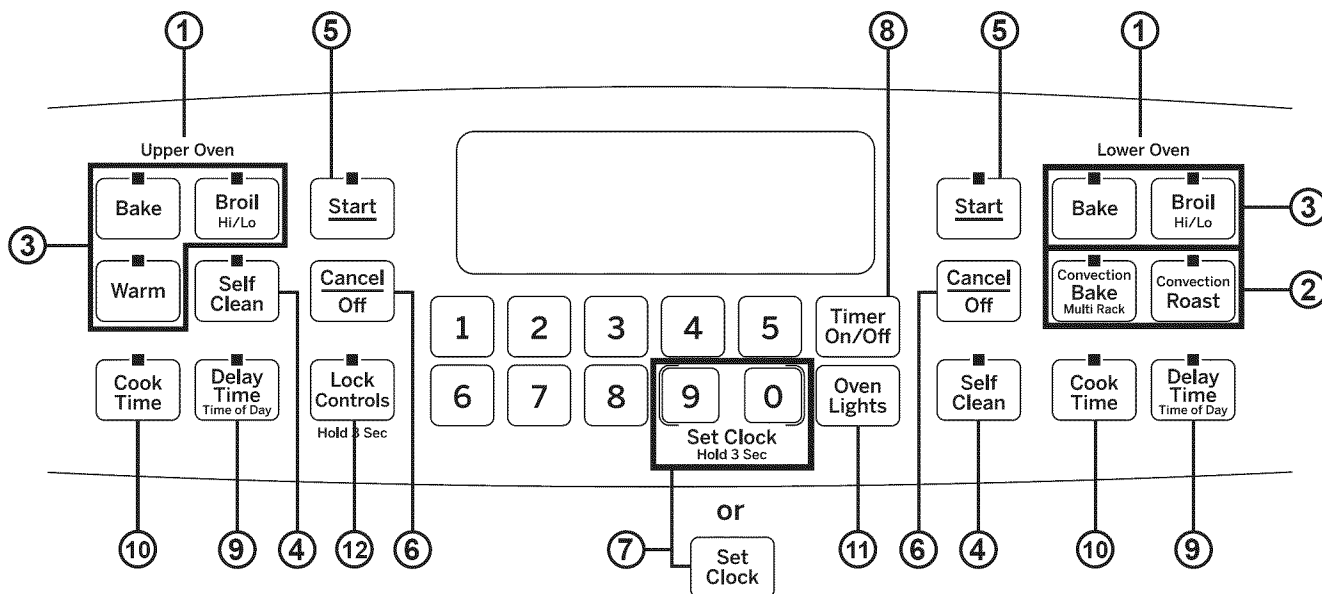


Do not use woks with support rings on the glass cooktop.



Use flat-bottomed woks on the glass cooktop.

Double Oven Controls



1. **Upper Oven and Lower Oven:** Designates which oven the controls will operate.
2. **Convection Cooking Modes (on some models):** Convection cook modes use increased air circulation to improve performance. The type of benefit depends on the mode. Your oven has the following convection cooking modes: Convection Bake and Convection Roast. See the Cooking Modes section for more information.
3. **Traditional Cooking Modes:** Your oven has the following traditional cooking modes: Bake, Broil Hi/Lo and Warm. See the Cooking Modes section for more information.
4. **Self Clean:** See the Cleaning the Oven section for important information about using this mode.
5. **Start:** Must be pressed to start any cooking, cleaning, or timed function.
6. **Cancel/Off:** Cancels ALL oven operations except the clock and timer.
7. **Clock:** Sets the oven clock time. Press the **Set Clock** or **9** and **0** pads and hold for 3 seconds. Use the number pads to program the clock. Press **Start** to save the time.
8. **Timer:** Works as a countdown timer. Press the **Timer** pad and the number pads to program the time in hours and minutes. Press the **Start** pad. If the oven is on, it will not turn off when the timer countdown is complete. To turn the timer off press the **Timer** pad.
9. **Delay Time:** Delays when the oven will turn on. Use this to set a time when you want the oven to start. Press the **Delay Time** pad and use the number pads to program the time of day for the oven to turn on then press **Start**. Press the desired cooking mode and temperature then press **Start**. A Cook Time may also be programmed if desired. Follow the directions under Cook Time for setting this feature. This can only be used with Bake, Convection Bake, Convection Roast and Self-Clean.
NOTE: When using the Delay Time feature, foods that spoil easily—such as milk, eggs, fish, stuffings, poultry and pork—should not be allowed to sit for more than 1 hour before or after cooking. Room temperature promotes the growth of harmful bacteria. Be sure that the oven light is off because heat from the bulb will speed harmful bacteria growth.
10. **Cook Time:** Counts down cooking time and turns off the oven when the cooking time is complete. Press the **Cook Time** pad, use the number pads to program a cooking time in hours and minutes, then press **Start**. This can only be used with Traditional Bake, Convection Bake, and Convection Roast.
11. **Oven Light(s):** Turns the oven light(s) on or off in both ovens. Note that lights in both ovens will not turn on if the door is opened while the other oven is in a clean mode.
12. **Lock Controls:** Locks out the control so that pressing the pads does not activate the controls. Press and hold the **Lock Controls** pad for three seconds to lock or unlock the control. **Cancel/Off** is always active, even when the control is locked.

Special Features

There are several different special features on your range. To change the settings of these special features, press the **BAKE** and **BROIL** pads at the same time and hold for three seconds. "SF" will appear in the display. Select the feature you want to change. When the change has been made, press the **START** key to save the change and return to the time of day.

Adjust the Oven Temperature

This feature allows the oven baking and convection baking temperature to be adjusted up to 35°F hotter or down to 35°F cooler. Use this feature if you believe your oven temperature is too hot or too cold and wish to change it. This adjustment affects Bake and Convection Bake modes. No other cooking modes are affected.

Press the **Upper Oven Bake** pad or **Lower Oven Bake** pad corresponding to the oven to be adjusted. Press the **Bake** pad again to enter the temperature adjustment mode. A number between 35 and - 35 will display. Use the number pads to set the desired temperature adjustment and use the **Bake** pad to change between negative and positive.

Press the **Start** pad to save the temperature adjustment.

End of Timer Signals

This is the tone that signals the end of a timer. The tone can be continuous (Con bEEP) or one repeating beep (bEEP). A continuous setting will continue to sound a tone until a button on the control is pressed. Press the **Broil** pad to view the current setting and then to change the setting.

Fahrenheit or Celsius Temperature Display

The oven control is set to use Fahrenheit temperatures (F), but you can change it to use Celsius temperatures (C). Press the number **6** and **8** pads at the same time to view the current setting, press again to change the setting.

Clock Display

This feature specifies how the time of day will be displayed or if no time of day will be displayed. You can select a standard 12-hour clock (12 H), 24-hour military time display (24 H), or no clock displayed (oFF). Press the **Clock** pad to view the current setting, press again to change the setting.

Auto Recipe Conversion

When using Convection Bake cooking, Auto Recipe Conversion will automatically convert the regular baking temperatures entered to convection bake cooking temperatures when turned on. Note that this option does not convert convection bake cooking times, it only converts temperatures. Press the **Convection Bake** pad to view the conversion settings, press again to toggle between On (Con On) and Off (Con oFF).

Sound Volume

This feature allows the oven tone volume to be adjusted between high (HI bEEP HI), medium (Std bEEP Std), low (Lo bEEP Lo) and off (oFF bEEP oFF). Press the number **1** and **5** pads at the same time to view the current setting or to change the setting. The control will sound the oven tone at the new volume level each time the sound level is changed.

12-hour auto shut-off and Sabbath

Options for this feature are "12 SHdn", "no SHdn" and "SAbbAtH".

12-hour auto shut-off turns off the oven after 12 hours of continuous operations.

Sabbath mode disables the oven lights (the oven light will not turn on when the door is opened), all sounds (the control will not beep when a button is pressed), Convection, Broil, Warm, Cook Time, Timer, Clock, and Delay Time functions. Sabbath mode can only be used with Bake. This feature conforms to the Star-K Jewish Sabbath requirements.

Press the **Delay Time** pad to view the current setting and then to change the setting.

To use Sabbath mode, select "SAbbAtH" and press **Start**. A] will appear in the display and the clock will not display. Note that if you have a double oven, when you place the control into Sabbath mode, both ovens are now in Sabbath mode and available for cooking.

Once in Sabbath mode, at any time you can press **Bake**, use the number pads to enter a temperature between 170F and 550F, and press **Start**. No sound will be given when the keys are pressed. At a random time between 30 seconds and 1 minute,][, will appear in the display indicating the oven is running. Note that both ovens of a double oven can be used in Sabbath mode. Each oven can be programmed to a different temperature and each oven must be programmed separately.

If you need to adjust the temperature, press **Bake**, use the number pads to enter a new temperature between 170F and 550F, and press **Start**.

To turn the oven off, press **Cancel/Off** at any time. **The oven will immediately turn off** and][will change to] indicating that the oven has turned off. Note that each oven of a double oven must be turned off separately.

To exit Sabbath mode, make sure that the oven is turned off. Press and hold the **Bake** and **Broil** pads for 3 seconds to enter special features then press **Delay Time** until either "12 SHdn" or "no SHdn" is in the display and press **Start**.

NOTE: If power outage occurs during Sabbath mode the unit will remain in Sabbath mode but off when power is restored.

If you wish to use the Cook Time feature (if available) to bake in the oven and then have the oven automatically turn off, you will need to press the Cook Time button, enter a cooking time duration, and press Start. Then enter special features to start Sabbath mode as detailed above.

Oven Racks

Recommended rack positions for various types of foods are provided in the Cooking Guide. Adjusting rack position is one way to impact cooking results. For example, if you would prefer darker tops on cakes, muffins, or cookies, try moving food one rack position higher. If you find foods are too brown on top try moving them down next time.

When baking with multiple pans and on multiple racks, ensure there is at least 1½" between pans to allow sufficient space for air to flow.

Your Oven may have extension racks and/or traditional flat racks.

To avoid possible burns, place the racks in the desired position before you turn the oven on.

Extension Racks

Always pull the rack out by its upper front rail to its fully open position, when placing or removing cookware.

If extension racks are difficult to extend, lubricate the racks with the graphite lubricant provided with your oven. Remove the rack from the oven, remove debris in the side tracks with a paper towel, shake the graphite lubricant and place 4 small drops on the two bottom tracks of the left and right sides. Open and close the rack several times to distribute the lubricant.

To order additional graphite lubricant, read the Assistance and Accessories section at the beginning of the manual.

To Remove An Extension Rack:

1. Make sure the rack is pushed all the way into the oven so that side paddles on the rack disengage from the oven support.
2. Slide the rack toward you to the bump (stop position) on the rack support.
3. Firmly grasp both sides of the rack frame and the sliding rack, tilt the front end up and pull it out.

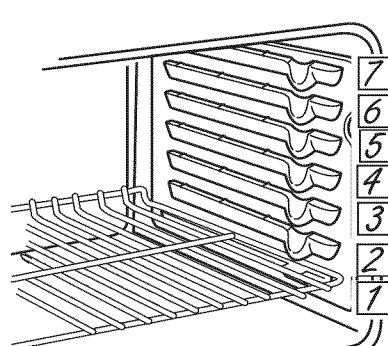
To Replace An Extension Rack:

1. Firmly grasp both sides of the rack frame and the sliding rack.
2. Place the curved end of the rack (stop-locks) onto the oven supports, tilt up the front of the rack and push it in as far as it will go.

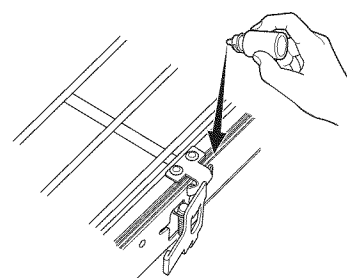
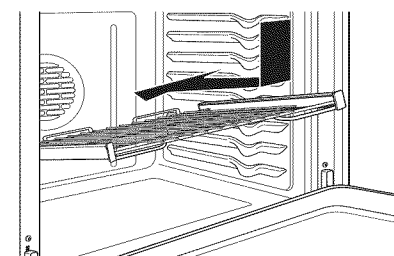
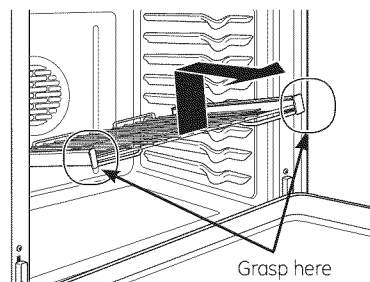
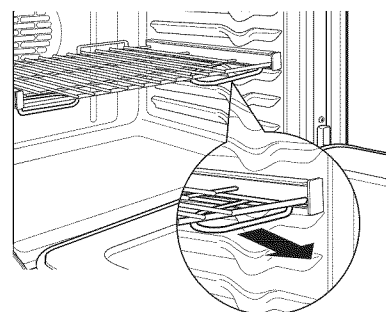
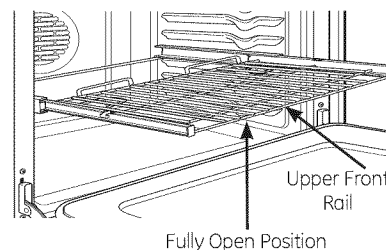
If extension racks are difficult to replace or remove, wipe the oven rack supports with cooking oil. Do not wipe oil on the rack slides.

To Lubricate the Paddle:

Shake lubricant and apply to the moving parts of the paddle mechanisms as shown.



The number of rack positions may vary by model.



Oven Racks (Cont.)

⚠ CAUTION: Never place cooking utensils, pizza or baking stones, aluminum foil or any other items on the oven floor. In some models there is a heating element beneath the oven floor. Placing items on the oven floor may cause the oven to overheat, resulting in damage to the oven and risk of damage or fire to cabinets.

Aluminum Foil

Do not use aluminum foil to line oven bottoms. The foil will trap heat below and upset the performance of the oven. Foil can melt and permanently damage the oven bottom. Damage from improper use of aluminum foil is not covered by the product warranty.

Foil may be used to catch spills by placing a sheet on a lower rack, several inches below the food. Do not use more foil than necessary and never entirely cover an oven rack with aluminum foil. Keep foil at least 1-1/2" from oven walls to prevent poor heat circulation.

Cookware

Cookware Guidelines

The material, finish, and size of cookware affect baking performance.

Dark, coated and dull pans absorb heat more readily than light, shiny pans. Pans that absorb heat more readily can result in a browner, crisper, and thicker crust. If using dark and coated cookware check food earlier than minimum cook time. If undesirable results are obtained with this type of cookware consider reducing oven temperature by 25° F next time.

Shiny pans can produce more evenly cooked baked goods such as cakes and cookies.

Glass and ceramic pans heat slowly but retain heat well. These types of pans work well for dishes such as pies and custards.

Air insulated pans heat slowly and can reduce bottom browning.

Keep cookware clean to promote even heating.

Cooking Modes

Your new oven has a variety of cooking modes to help you get the best results. These modes are described below. Refer to the Cooking Guide section for recommendations for specific foods. Remember, your new oven may perform differently than the oven it is replacing.

Baking and Roasting Modes

Select a mode for baking and roasting based on the type and quantity of food you are preparing. When preparing baked goods such as cakes, cookies, and pastries always preheat the oven first. Follow recipe recommendations for food placement. If no guidelines are provided, center food in the oven.

Traditional Bake

The traditional bake mode is intended for single rack cooking. This mode uses heat primarily from the lower element but also from the upper element to cook food. To use this mode press the **Bake** pad, enter a temperature, and then press **Start**. Preheating is generally recommended when using this mode.

Convection Bake Multi Rack

The Convection Bake Multi Rack mode is intended for baking on multiple racks at the same time. This mode uses heat primarily from the rear element, when available, but also heat from the upper and lower elements, along with air movement from the convection fan to enhance cooking evenness. Your oven is equipped with Auto Recipe Conversion, so it is not necessary to convert the temperature when using this mode. Baking time might be slightly longer for multiple racks than what would be expected for a single rack. To use this mode press the **Convection Bake** pad, enter a temperature, and then press **Start**. Always preheat when using this mode.

Convection Roast

The Convection Roast mode is intended for roasting whole cuts of meat on a single rack. This mode uses heat from the lower, upper, and rear elements, when available, along with air movement from the convection fan to improve browning and reduce cooking time. It is not necessary to convert temperature. Check food earlier than the recipe suggested time when using this mode or use a meat probe. To use this mode press the **Convection Roast** pad, enter a temperature, and then press **Start**. It is not necessary to preheat when using this mode.

Broiling Modes

Broiling is available in both ovens. For better broiling, the lower oven is recommended. When broiling in the upper oven, the door should remain CLOSED. When broiling in the lower oven, the door should remain OPEN. Monitor food closely while broiling. Use caution when broiling on upper rack positions as placing food closer to the broil element increases smoking, spattering, and the possibility of fats igniting. For best performance center food below the broil heating element. **Broiling on rack position 7 in the lower oven is not recommended.**

Try broiling foods that you would normally grill. Adjust rack positions to adjust the intensity of the heat to the food. Place foods closer to the broil element when a seared surface and rare interior is desired. Thicker foods and foods that need to be cooked through should be broiled on a rack position farther from the broiler or by using **Broil Lo**.

Broil Hi

The Traditional Broil Hi mode uses intense heat from the upper element to sear foods. Use Broil Hi for thinner cuts of meat and/ or foods you prefer less done on the interior. To use this mode press the **Broil** pad once and then press **Start**. It is not necessary to preheat when using this mode.

Broil Lo

The Traditional Broil Lo mode uses less intense heat from the upper element to cook food thoroughly while also producing surface browning. Use Broil Lo for thicker cuts of meat and/or foods that you would like cooked all the way through. To use this mode press the **Broil** pad **twice** and then press **Start**. It is not necessary to preheat when using this mode.

Warm

Warm mode is designed to keep hot food hot, it is not intended to heat cold food. To use this mode, press the **Warm** pad then press **Start**. Preheating is not required. Cover foods that need to remain moist and do not cover foods that should be crisp. It is recommended, for food quality, that food not be kept warm for more than 2 hours.

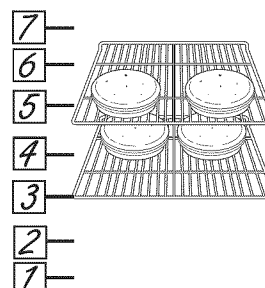
Cooking Guide

Lower Oven for Double Oven Models

FOOD TYPE	RECOMMENDED MODE(S)	RECOMMENDED RACK POSITION(S)	ADDITIONAL SUGGESTIONS
Baked Goods			
Layer cakes, sheet cakes, bundt cakes, muffins, quick breads on a Single Rack	Bake	4	Use shiny cookware.
Layer cakes* on Multiple Racks	Bake	3 and 5	Ensure adequate airflow (see illustration below).
Chiffon cakes (angel food)	Bake	1	Use shiny cookware.
Cookies, biscuits, scones on a Single Rack	Bake	4	Use shiny cookware.
Cookies, biscuits, scones on Multiple Racks	Bake Convection Bake (if available)	3 and 5 2, 4, and 6 (3 rack recommended only for Convection Bake)	Ensure adequate airflow.
Beef & Pork			
Hamburgers	Broil Hi	6	Keep the door open when broiling in the lower oven. Use a broil pan; move food down for more doneness/less searing. Watch food closely when broiling. For best performance center food below the broil heating element.
Steaks & Chops	Broil Hi	6	Keep the door open when broiling in the lower oven. Use a broil pan; move food down for more doneness/less searing. Watch food closely when broiling. For best performance center food below the broil heating element.
Roasts	Bake Convection Roast (if available)	3 or 4	Use a low sided pan such as a broil pan. Preheating is not necessary.
Poultry			
Whole chicken	Bake Convection Roast (if available)	3 or 4	Use a low sided pan such as a broil pan.
Bone-in chicken breasts, legs, thighs	Broil Hi	2	If breaded or coated in sauce avoid Broil Hi modes. Broil skin side down first. Watch food closely when broiling. Keep the door open when broiling in the lower oven. For best performance when broiling, center food below the broil heating element.
	Broil Lo Bake	2 or 3	
Boneless chicken breasts	Broil Lo Bake	2 or 3	Keep the door open when broiling in the lower oven. Move food down for more doneness/less searing and up for greater searing/browning when broiling. For best performance when broiling, center food below the broil heating element.
Whole turkey	Bake Convection Roast (if available)	1 or 2	Use a low sided pan such as a broil pan.
Turkey Breast	Bake Convection Roast (if available)	2 or 3	Use a low sided pan such as a broil pan.
Fish	Broil Lo	6 (1/2 inch thick or less) 5 (>1/2 inch)	Keep the door open when broiling in the lower oven. Watch food closely when broiling. For best performance center food below the broil heating element.
Casseroles	Bake	3 or 4	
Frozen Convenience Foods			
Pizza, french fries, tator tots, chicken nuggets, appetizers on a Single Rack	Bake	3 or 4	Use shiny cookware.
Pizza, french fries, tator tots, chicken nuggets, appetizers on Multiple Racks	Bake Convection Bake (if available)	3 and 5	Use shiny cookware.

*When baking four cake layers at a time, use racks 3 and 5. Place the pans as shown so that one pan is not directly above another.

Cook food thoroughly to help protect against food borne illness. Minimum safe food temperature recommendations for food safety can be found at www.IsItDoneYet.gov. Make sure to use a food thermometer to take food temperatures.



Rack position for baking 4 layer cakes.

Cooking Guide (Cont.)

Upper Oven for Double Oven Models

FOOD TYPE	RECOMMENDED MODE(S)	RECOMMENDED RACK POSITION(S)	ADDITIONAL SUGGESTIONS
Baked Goods			
Layer cakes, sheet cakes, muffins, baked on Single Rack	Bake	1	Use shiny cookware.
Cookies, biscuits, scones on a Single Rack	Bake	1	Use shiny cookware.
Beef & Pork			
Hamburgers	Broil Hi	1	Keep the door closed when broiling in the upper oven. Use a broil pan; move food down for more doneness/less searing. Watch food closely when broiling. For best performance center food below the broil heating element.
Steaks & Chops	Broil Hi	1	Keep the door closed when broiling in the upper oven. Use a broil pan; move food down for more doneness/less searing. Watch food closely when broiling. For best performance center food below the broil heating element.
Poultry			
Bone-in chicken breasts, legs, thighs	Broil Lo Bake	1	Broil skin side down first. Watch food closely when broiling. Keep the door closed when broiling in the upper oven. For best performance when broiling, center food below the broil heating element.
Boneless chicken breasts	Broil Lo Bake	1	Keep the door closed when broiling in the upper oven. For best performance when broiling, center food below the broil heating element.
Fish	Broil Lo	1	Keep the door closed when broiling in the upper oven. Watch food closely when broiling. For best performance center food below the broil heating element.
Frozen Convenience Foods			
Pizza, french fries, tator tots, chicken nuggets, appetizers on a Single Rack	Bake	1	Use shiny cookware.

NOTE: For better broiling, the lower oven is recommended.

Cleaning the Range – Exterior

Be sure all controls are off and all surfaces are cool before cleaning any part of the range.



WARNING

If your range is removed for cleaning, servicing or any reason, be sure the anti-tip device is reengaged properly when the range is replaced. Failure to take this precaution could result in tipping of the range and can result in death or serious burns to children or adults.

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.

Make sure the inside of the knobs are dry before replacing.

Replace the knobs, in the **OFF** position to ensure proper placement.

Control Lockout

If desired, the touch pads may be deactivated before cleaning.

See Lock Controls in the Oven Controls section in this manual.

Clean up splatters with a damp cloth.

You may also use a glass cleaner.

Remove heavier soil with warm, soapy water. Do not use abrasives of any kind.

Reactivate the touch pads after cleaning.

Control Panel

It's a good idea to wipe the control panel after each use. Clean with mild soap and water or vinegar and water, rinse with clean water and polish dry with a soft cloth.

Do not use abrasive cleansers, strong liquid cleansers, plastic scouring pads or oven cleaners on the control panel—they will damage the finish.

Oven Exterior

Do not use oven cleaners, abrasive cleansers, strong liquid cleansers, steel wool, plastic scouring pads, or cleaning powders on the interior or exterior of the oven. Clean with a mild soap and water or vinegar and water solution. Rinse with clean water and dry with a soft cloth. When cleaning surfaces, make sure that they are at room temperature and not in direct sunlight.

If stain on the door vent trim is persistent, use a mild abrasive cleaner and a sponge-scrubber for best results. Spillage of marinades, fruit juices, tomato sauces and basting liquids containing acids may cause discoloration and should be wiped up immediately. Let hot surfaces cool, then clean and rinse.

Painted Surfaces

Painted surfaces include the sides of the range and the doors, and top of control panel. Clean these with soap and water or a vinegar and water solution.

Do not use commercial oven cleaners, cleaning powders, steel wool or harsh abrasives on any painted surface.

Stainless Steel Surfaces (on some models)

Do not use a steel wool pad; it will scratch the surface.

To clean the stainless steel surface, use warm sudsy water or a stainless steel cleaner or polish. Always wipe the surface in the direction of the grain. Follow the cleaner instructions for cleaning the stainless steel surface.

To inquire about purchasing cleaning products including stainless steel appliance cleaner or polish read the Assistance and Accessories sections at the beginning of this manual.

Porcelain Enamel Cooktop

The porcelain enamel finish is sturdy but breakable if misused. This finish is acid-resistant. However, any acidic foods spilled (such as fruit juices, tomato or vinegar) should not be permitted to remain on the finish.

If acids spill on the cooktop while it is hot, use a dry paper

towel or cloth to wipe it up right away. When the surface has cooled, wash with soap and water. Rinse well.

For other spills such as fat splatterings, wash with soap and water or cleansing powders after the surface has cooled. Rinse well. Polish with a dry cloth.

Cleaning the Range – Interior

The interior of your new oven can be cleaned manually or by using Self Clean.

Spillage of marinades, fruit juices, tomato sauces and basting liquids containing acids may cause discoloration and should be wiped up immediately. Let hot surfaces cool, then clean and rinse.

Manual Cleaning

Do not use oven cleaners, abrasive cleaners, strong liquid cleansers, steel wool, scouring pads, or cleaning powders on the interior of the oven. Clean with a mild

soap and water or vinegar and water solution. Rinse with clean water and dry with a soft cloth. When cleaning surfaces, make sure that they are at room temperature.

Self Clean Mode

Read Self-Cleaning Oven Safety Instructions at the beginning of this manual before using Self Clean Mode. Self clean uses very high temperatures to clean the oven interior. The oven door will lock when using this feature. Before operating the self-clean cycle, wipe up grease and soils from the oven. Remove all items from the oven other than enameled (dark color) racks. Shiny or silver racks and any cookware or other items should all be removed from the oven before initiating a self-clean cycle. Close the door. Press the Self Clean pad and a default self-clean time is displayed. The clean time can be changed to any time between 3:00 and 5:00 hours by using the number pads to enter a different time and pressing Start. For heavily soiled ovens, the maximum 5 hour clean time is recommended. If you wish to use the default time, press the Start pad immediately after pressing the Clean pad. The oven will turn off automatically when the self-clean cycle is complete. The door will stay locked until the oven has cooled down. After the oven has cooled down wipe any ash out of the oven.

We recommend venting your kitchen with an open window or using a ventilation fan or hood during the first self-clean cycle.

Soil on the front frame of the range and outside the gasket on the door will need to be cleaned by hand. Clean these areas with hot water, soap-filled steel-wool pads or cleansers such as Soft Scrub®. Rinse well with clean water and dry.

Do not clean the gasket. The fiberglass material of the oven door gasket cannot withstand abrasion. It is essential for the gasket to remain intact. If you notice it becoming worn or frayed, replace it.

Make sure the oven light bulb cover is in place and the oven light is off.

IMPORTANT: The health of some birds is extremely sensitive to the fumes given off during the self-cleaning cycle of any range. Move birds to another well-ventilated room.

On Some Models:

The surface units are automatically disabled during the self-clean cycle. Make sure that all surface unit controls are turned off at all times during the self-clean cycle. Any surface unit that is set to an “on” position while the self-clean cycle is operating will automatically come on after the self-clean cycle is finished, and could result in an “on” unattended surface unit. Wait until the self-clean cycle is finished to set and use the surface units.

Racks

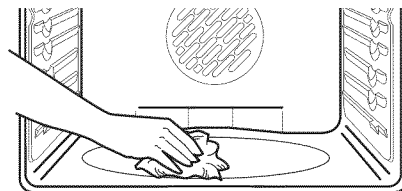
All racks can be washed with warm, soapy water. Enameled (not shiny) racks can be left in the cavity during self clean.

Racks may be more difficult to slide, especially after a self-clean. Put some vegetable oil on a soft cloth or paper towel and rub onto the left and right edges.

Oven Heating Elements

Do not clean the bake element or the broil element. Any soil will burn off when the elements are heated.

To clean the oven floor when the bake element is exposed, gently lift the bake element. In some models, the bake element is not exposed and is under the oven floor. Clean the oven floor with warm, soapy water.



Wipe up heavy soil on the oven bottom.

Cleaning the Glass Cooktop

Normal Daily Use Cleaning

ONLY use CERAMA BRYTE® Ceramic Cooktop Cleaner on the glass cooktop. Other creams may not be as effective.

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.



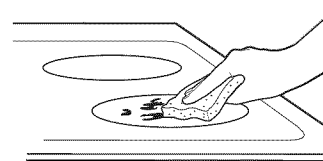
Clean your cooktop after each spill. Use CERAMA BRYTE® Ceramic Cooktop Cleaner.

Burned-On Residue

NOTE: DAMAGE to your glass surface may occur if you use scrub pads other than those recommended.

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.

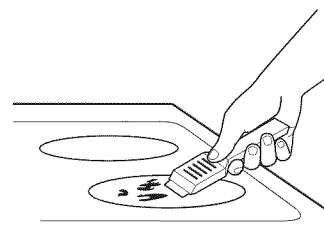
5. For additional protection, after all residue has been removed, polish the entire surface with CERAMA BRYTE® Ceramic Cooktop Cleaner and a paper towel.



Use a CERAMA BRYTE® Cleaning Pad for Ceramic Cooktops.

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.



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.

Cleaning the Glass Cooktop (Cont.)

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.

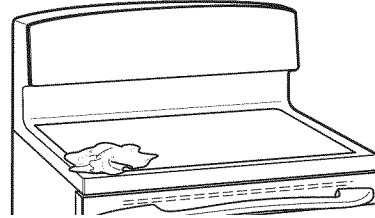
These marks are removable using the CERAMA BRYTE® Ceramic Cooktop Cleaner with the CERAMA BRYTE® Cleaning Pad for Ceramic Cooktops.

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.

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

Cooktop Seal

To clean the cooktop seal around the edges of the glass, lay a wet cloth on it for a few minutes, then wipe clean with nonabrasive cleaners.



Damage from Sugary Spills and Melted Plastic

Special care should be taken when removing hot substances **to avoid permanent damage of the glass surface**. Sugary spillovers (such as jellies, fudge, candy, syrups) or melted plastics can cause pitting of the surface of your cooktop (not covered by the warranty) unless the spill is removed while still hot. Special care should be taken when removing hot substances.

Be sure to use a new, sharp razor scraper.

Do not use a dull or nicked blade.

1. Turn off all surface units. 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 units 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.

Maintenance

⚠ WARNING

SHOCK OR BURN HAZARD: Before replacing oven light bulb, disconnect the electrical power to the range at the main fuse or circuit breaker panel. Failure to do so may result in electric shock or burn.

⚠ CAUTION

BURN HAZARD: The glass cover and bulb should be removed when cool. Touching hot glass with bare hands or a damp cloth can cause burns.

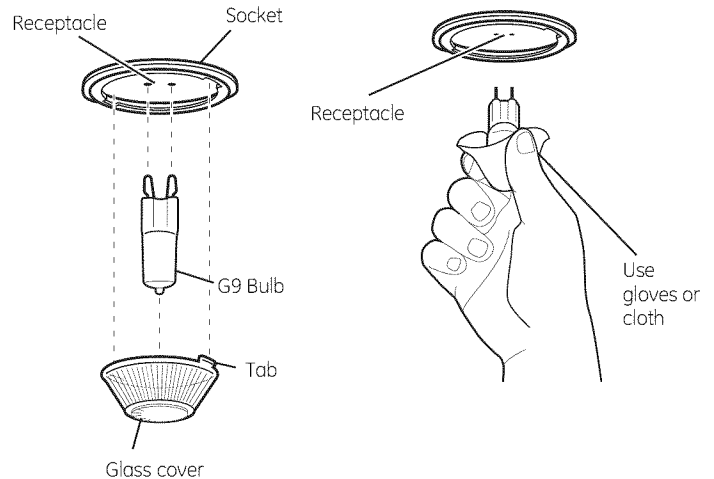
Oven Light Replacement

To remove:

1. Turn the glass cover counterclockwise 1/4 turn until the tabs of the glass cover clear the grooves of the socket. Wearing latex gloves may offer a better grip.
2. Using gloves or a dry cloth, remove the bulb by pulling it straight out.

To replace:

1. Use a new 120/130-volt halogen bulb, not to exceed 50 watts. Replace the bulb with the same type of bulb that was removed. Be sure the replacement bulb is rated 120 volts or 130 volts (NOT 12 volts).
2. Using gloves or a dry cloth, remove the bulb from its packaging. Do not touch the bulb with bare fingers. Oil from skin will damage the bulb and shorten its life.
3. Push the bulb straight into the receptacle all the way.
4. Place the tabs of the glass cover into the grooves of the socket. Turn the glass cover clockwise 1/4 turn.
For improved lighting inside the oven, clean the glass cover frequently using a wet cloth. This should be done when the oven is completely cool.
5. Reconnect electrical power to the oven.



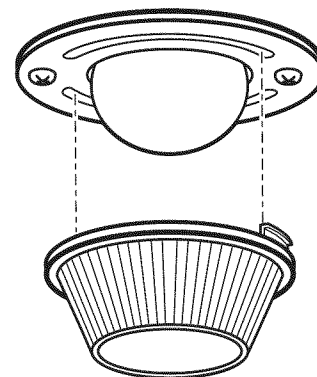
Oven Light Replacement

To remove:

1. Turn the glass cover counterclockwise 1/4 turn until the tabs of the glass cover clear the grooves of the socket. Wearing latex gloves may offer a better grip.
2. Remove the bulb by turning it counter-clockwise.

To replace:

1. Replace bulb with a new 40-watt appliance bulb. Insert the bulb and turn it clockwise until it is tight.
2. Place the tabs of the glass cover into the grooves of the socket. Turn the glass cover clockwise 1/4 turn.
For improved lighting inside the oven, clean the glass cover frequently using a wet cloth. This should be done when the oven is completely cool.
3. Reconnect electrical power to the oven.

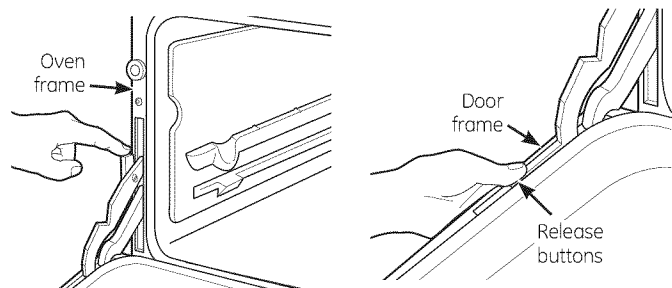


Maintenance (Cont.)

Lift-Off Upper Oven Door

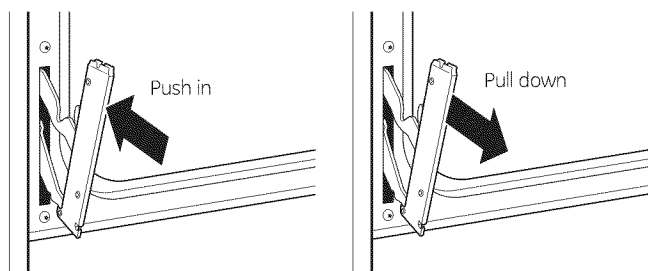
To remove the door:

1. Fully open the door.
2. Lift up on the hinge lock toward the oven frame until they stop.
3. Close the door to 45 degrees (you will feel the door stop). The hinge lock will contact the oven frame.
4. On both sides of the door, press down on the release buttons on each hinge.
5. Lift door up until it is clear of the hinge.
6. Pull on hinge arms slightly to relieve pressure on the locking tabs.
7. Push the hinge locks down onto the hinge.
8. Push the hinges in toward the unit so they are closed.



To replace the door:

1. Pull the hinges down away from the oven frame to the fully open position.
2. Lift up on the hinge locks toward the oven frame until they stop.
3. The hinges will release to the 45-degree position. The hinge locks will contact the oven frame.
4. Slide the door back onto the hinges. Make sure the buttons pop back out.
5. Fully open the door.
6. Push the hinge locks down onto the hinge.
7. Close the oven door.



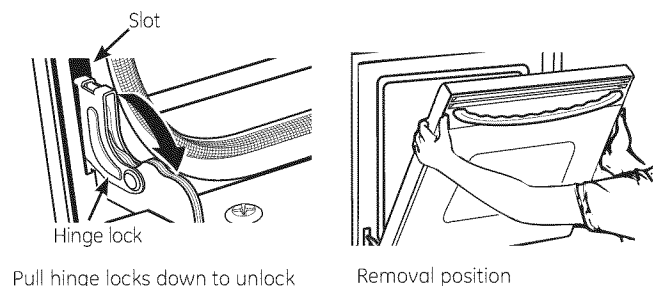
Lift-Off Lower Oven Door

The door is very heavy. Be careful when removing and lifting the door.

Do not lift the door by the handle.

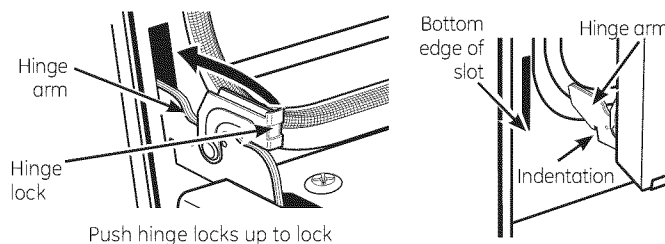
To remove the door:

1. Fully open the door.
2. Pull the hinge locks down toward the door frame, to the unlocked position. A tool, such as a small flat-blade screwdriver, may be required.
3. Firmly grasp both sides of the door at the top.
4. Close door to the door removal position. The door should be open approximately 3" with no obstruction above the door.
5. Lift door up and out until both hinge arms are clear of the slots.



To replace the door:

1. Firmly grasp both sides of the door at the top.
2. Starting on the left side, with the door at the same angle as the removal position, seat the indentation of the hinge arm into the bottom edge of the hinge slot. The notch in the hinge arm must be fully seated into the bottom of the slot. Repeat for right side.
3. Fully open the door. If the door will not fully open, the indentation is not seated correctly in the bottom edge of the slot.
4. Push the hinge locks up against the front frame of the oven cavity, to the locked position.
5. Close the oven door.




Troubleshooting tips ... Before you call for service

Save time and money! Review the charts on the following pages first and you may not need to call for service.

Problem	Possible Cause	What To Do
Surface units will not maintain a rolling boil or cooking is not fast enough	Improper cookware being used.	Use pans which are flat and match the diameter of the surface unit selected.
	In some areas, the power (voltage) may be low.	Cover pan with a lid until desired heat is obtained.
Surface units do not work properly	A fuse in your home may be blown or the circuit breaker tripped.	Replace the fuse or reset the circuit breaker.
	Cooktop controls improperly set.	Check to see the correct control is set for the surface unit you are using.
Surface unit stops glowing when turned to a lower setting	The unit is still on and hot.	This is normal.
Scratches (may appear as cracks) on cooktop glass surface	Incorrect cleaning methods being used.	Scratches are not removable. Tiny scratches will become less visible in time as a result of cleaning.
	Cookware with rough bottoms being used or coarse particles (salt or sand) were between the cookware and the surface of the cooktop. Cookware has been slid across the cooktop surface.	To avoid scratches, use the recommended cleaning procedures. Make sure bottoms of cookware are clean before use, and use cookware with smooth bottoms.
Areas of discoloration on the cooktop	Food spillovers not cleaned before next use.	See the Cleaning the glass cooktop section.
	Hot surface on a model with a light-colored cooktop.	This is normal. The surface may appear discolored when it is hot. This is temporary and will disappear as the glass cools.
Plastic melted to the surface	Hot cooktop came into contact with plastic placed on the hot cooktop.	See the Glass surface—potential for permanent damage section in the Cleaning the glass cooktop section.
Pitting (or indentation) of the cooktop	Hot sugar mixture spilled on the cooktop.	Call a qualified technician for replacement.
Frequent cycling off and on of surface units	Improper cookware being used.	Use only flat cookware to minimize cycling.
My new oven doesn't cook like my old one. Is something wrong with the temperature settings?	Your new oven has a different cooking system from your old oven and therefore may cook differently than your old oven.	For the first few uses, follow your recipe times and temperatures carefully. If you still think your new oven is too hot or too cold, you can adjust the temperature yourself to meet your specific cooking preference. NOTE: This adjustment affects Bake, and Convection Bake temperatures; it will not affect Convection Roast, Broil or Clean.
Food does not bake properly	Oven controls improperly set.	See the Cooking Modes section.
	Rack position is incorrect or rack is not level.	See the Cooking Modes section and Cooking Guide.
	Incorrect cookware or cookware of improper size being used.	See the Cookware section.
	Oven temperature needs adjustment.	See the Special Features section.
	Ingredient substitution	Substituting ingredients can change the recipe outcome.

Troubleshooting tips (Cont.) ... Before you call for service

Problem	Possible Cause	What To Do
Food does not broil properly	Oven controls improperly set.	Make sure you select the appropriate broil mode.
	Improper rack position being used.	See Cooking Guide for rack location suggestions.
	Food being cooked in a hot pan.	Make sure cookware is cool.
	Cookware not suited for broiling.	Use a pan specifically designed for broiling.
	Aluminum foil used on the broiling pan and grid has not been fitted properly and slit as recommended.	If using aluminum foil conform to pan slits.
	In some areas the power (voltage) may be low.	Preheat the broil element for 10 minutes.
Oven temperature too hot or too cold	Oven temperature needs adjustment.	See the Special Features section.
Oven does not work or appears not to work	A fuse in your home may be blown or the circuit breaker tripped.	Replace the fuse or reset the circuit breaker.
	Oven controls improperly set.	See the Using the Oven section.
	Oven is in Sabbath Mode.	Verify, that the oven is not in Sabbath Mode. See the Special Features section.
"Crackling" or "popping" sound	This is the sound of the metal heating and cooling during both the cooking and cleaning functions.	This is normal.
Why is my range making a "clicking" noise when using my oven?	Your range cycles the heating elements by turning relays on and off to maintain the oven temperature.	This is normal.
Clock and timer do not work	A fuse in your home may be blown or the circuit breaker tripped.	Replace the fuse or reset the circuit breaker.
	Plug on range is not completely inserted in the electrical outlet.	Make sure electrical plug is plugged into a live, properly grounded outlet.
	Oven controls improperly set.	See the Using the kitchen timer section.
Oven door is crooked	The door is out of position.	Because the oven door is removable, it sometimes gets out of position during installation. To straighten the door, push down on the high corner.
Oven light does not work	Light bulb is loose or defective.	Tighten or replace bulb.
	Pad operating light is broken.	Call for service.
Oven will not self-clean	The temperature is too high to set a self-clean operation.	Allow the oven to cool and reset the controls.
	Oven controls improperly set.	See the Cleaning the Oven section.
Excessive smoking during clean cycle	Excessive soil or grease.	Press the Cancel/Off pad. Open the windows to rid the room of smoke. Wait until the LOCKED light goes off. Wipe up the excess soil and reset the clean cycle.
Excessive smoking during broiling	Food too close to burner element.	Lower the rack position of the food.
Oven door will not open after a clean cycle	Oven too hot.	Allow the oven to cool below locking temperature.
Oven not clean after a clean cycle	Oven controls improperly set.	See the Cleaning the Oven section.
	Oven was heavily soiled.	Clean up heavy spillovers before starting the clean cycle. Heavily soiled ovens may need to self-clean again or for a longer period of time.
"LOCK DOOR" flashes in the display	The self-clean cycle has been selected but the door is not closed.	Close the oven door.
DOOR LOCK  light is on when you want to cook	The oven door is locked because the temperature inside the oven has not dropped below the locking temperature.	Press the Cancel/Off pad. Allow the oven to cool.

Troubleshooting tips (Cont.) ... Before you call for service

Problem	Possible Cause	What To Do
“F— and a number or letter” flash in the display	You have a function error code.	Press the Cancel/Off pad. Allow the oven to cool for one hour. Put the oven back into operation.
	If the function code repeats.	Disconnect all power to the oven for at least 30 seconds and then reconnect power. If the function error code repeats, call for service.
Display goes blank	A fuse in your home may be blown or the circuit breaker tripped.	Replace the fuse or reset the circuit breaker.
	The clock is turned off.	See the Special features section.
	Oven is in Sabbath Mode.	Verify that the oven is not in Sabbath Mode. See the Special Features section.
Power outage, clock flashes	Power outage or surge	Reset the clock. If the oven was in use, you must reset it by pressing the Cancel/Off pad, setting the clock and resetting any cooking function.
“Burning” or “oily” odor emitting from the vent	This is normal in a new oven and will disappear in time.	To speed the process, set a self-clean cycle for a minimum of 3 hours. See the Cleaning the Oven section.
Strong odor	An odor from the insulation around the inside of the oven is normal for the first few times the oven is used.	This is temporary and will go away after several uses or a self-clean cycle.
Fan noise (on some models)	A convection fan may automatically turn on and off.	This is normal. The fan is designed to operate intermittently to maximize cooking evenness. The convection fan will operate during preheat of the bake cycle. The fan will turn off after the oven is heated to the set temperature. This is normal.
My oven door glass appears to be “tinted” or have a “rainbow” color. Is this defective?	No. The inner oven glass is coated with a heat barrier to reflect the heat back into the oven to prevent heat loss and keep the outer door cool while baking.	This is normal. Under certain light or angles, you may see this tint or rainbow color.
Sometimes the oven takes longer to preheat to the same temperature	Cookware or food in oven.	The cookware or food in the oven will cause the oven to take longer to preheat. Remove items to reduce preheat time.
	Number of racks in oven.	Adding more racks to the oven will cause the oven to take longer to preheat. Remove some racks.
	Different cooking modes.	The different cooking modes use different preheat methods to heat the oven for the specific cooking mode. Some modes will take longer than others (i.e. convection bake).
Display flashes	Power failure.	Reset the clock.
Unable to get the display to show “SF”	Oven control pads were not touched properly.	The BROIL HI/LO and BAKE pads must be touched at the same time and held for 3 seconds.
Control signals after entering cooking time or start time	You forgot to enter a bake temperature or cleaning time.	Touch the BAKE pad and desired temperature or the SELF CLEAN pad and desired clean time.
Oven racks are difficult to slide	The shiny, silver-colored racks were cleaned in a self-clean cycle.	Apply a small amount of vegetable oil to a paper towel and wipe the edges of the oven racks with the paper towel. Do not spray with Pam® or other lubricant sprays.
Steam from the vent	When using the ovens, it is normal to see steam coming out of the oven vents. As the number of racks or amount of food being cooked increases, the amount of visible steam will increase.	This is normal.