

CONSERVATOR®

Thermostat Gas Ranges

Owner's Manual

Model: VGBS100

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Write the model and serial numbers here:

Model # _____

Serial # _____

You can find the rating label on the front behind the range drawer.

Español

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

Visit **Conservatorappliances.com** for more information about your Conservator appliance.

CONSERVATOR®

IMPORTANT SAFETY INFORMATION

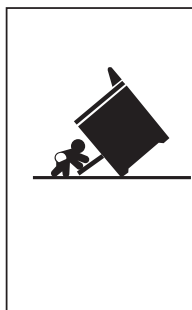
READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

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

⚠ WARNING If the information in this manual is not followed exactly, a fire or explosion may result, causing property damage, personal injury or death.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS**
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

ANTI-TIP DEVICE



⚠ WARNING

Tip-Over Hazard

- A child or adult can tip the range and be killed.
- Install the anti-tip bracket to the wall or floor.
- Engage the range to the anti-tip bracket by sliding the range back such that the foot is engaged.
- Re-engage the anti-tip bracket if the range is moved.
- Failure to do so can result in death or serious burns to children or adults.

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.

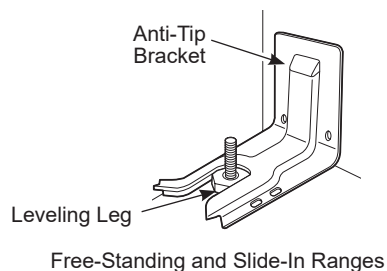
For Free-Standing and Slide-In Ranges

To check if the bracket is installed and engaged properly, look underneath the

range to see that the rear leveling leg 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.



Free-Standing and Slide-In Ranges

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

⚠ WARNING GENERAL SAFETY INSTRUCTIONS

⚠ WARNING NEVER use this appliance as a space heater to heat or warm the room. Doing so may result in carbon monoxide poisoning and overheating of the oven.

- Use this appliance for its intended purpose as described in this owner's manual.
- Have your range installed and properly grounded by a qualified installer in accordance with the provided installation instructions.
- Any adjustment and service should be performed only by a qualified gas range installer or service technician. Do not attempt to repair or replace any part of your range unless it is specifically recommended in this manual.
- Your range is shipped from the factory set for use with natural gas. It can be converted for use with propane gas. If required, these adjustments must be made by a qualified technician in accordance with the installation instructions and local codes. The agency performing this work assumes responsibility for the conversion.
- Have the installer show you the location of the range gas shut-off valve and how to turn it off if necessary.
- Plug your range into a 120-volt grounded outlet only. Do not remove the round grounding prong from the plug. If in doubt about the grounding of the home electrical system, it is your responsibility and obligation to have an ungrounded outlet replaced with a properly grounded, three prong outlet in accordance with the National Electrical Code. Do not use an extension cord with this appliance.
- 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.
- Be sure all packing materials are removed from the range before operating to prevent ignition of these materials.
- Avoid scratching or impacting glass doors, cooktops, 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.
- Do not leave children 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 in cabinets above an oven - children climbing on the oven to reach items could be seriously injured.
- Never block the vents (air openings) of the range. They provide the air inlets and outlets that are necessary for the range to operate properly with correct combustion. Air openings are located at the rear of the cooktop, at the top and bottom of the oven door, and at the bottom of the range under the warming drawer, lower oven drawer or kick panel.
- 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 surface burners, burner grate, or oven heating element. Do not use a towel or other bulky cloth in place of pot holders.
- Do not touch 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 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 burners, grates, 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.
- Cook food thoroughly to help protect against foodborne illness. Minimum safe food temperature recommendations can be found at IsItDoneYet.gov and fsis.usda.gov. Use a food thermometer to take food temperatures and check several locations.
- Do not allow anyone to climb, stand or hang on the oven door, drawer or cooktop. They could damage the range or tip it over causing severe injury or death.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

▲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.

▲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 burners unattended at medium or high heat settings. Foods, especially oily foods, may ignite resulting in fire that could spread to surrounding cabinets.
- 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 the minimum amount of oil when using a shallow pan-frying and avoid cooking frozen foods with excessive amounts of ice.
- Use proper pan size and avoid pans that are unstable or easily tipped. Select cookware that is matched to the size of the burner. Burner flames should be adjusted so that they do not extend beyond the bottom of the pan. Excessive flame may be hazardous.
- Always use the LITE position when igniting the top burners and make sure the burners have ignited.
- When using glass/ceramic cookware, make sure it is suitable for cooktop service; others may break because of 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 burners.
- Do not use a wok with a round metal support ring. The ring may trap heat and block air to the burner resulting in a carbon monoxide hazard.
- Do not attempt to lift the cooktop. Doing so may damage the gas tubing to the surface burners resulting in a gas leak and risk of fire.
- When disabling Lock Control (on some models), make sure the surface controls are set to the OFF position. This will prevent unintended gas flow from the burners.
- Do not use aluminum foil to cover the grates or line any part of the cooktop. Doing so may result in carbon monoxide poisoning, overheating of the cooktop surfaces, or a potential fire hazard.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

⚠ WARNING OVEN SAFETY INSTRUCTIONS

⚠ WARNING NEVER cover any slots, holes, or passages in the oven bottom or cover an entire rack with materials such as aluminum foil or oven liners. Doing so blocks air flow through the oven and may cause carbon monoxide poisoning. Never place foil or oven liners on the oven bottom. They can trap heat causing risk of smoke or fire.

- 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.
- Never place cooking utensils, pizza or baking stones, or any type of foil or liner on the oven floor. These items can trap heat or melt, resulting in damage to the product and risk of shock, smoke or fire.
- Place oven racks in desired location while oven is cool. If rack must be moved while oven is hot, be careful to avoid touching hot surfaces.
- 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 leave items on the cooktop near the oven vent. Items may overheat resulting in a risk of fire or burns.
- Never broil with door open. Open-door broiling is not permitted due to overheating of control knobs.

⚠ 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 porcelain-coated oven racks may be left in the oven.
- 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 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.
- 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.
- **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.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

⚠ WARNING**BROIL COMPARTMENT SAFETY INSTRUCTIONS**

- Do not leave paper products, plastics, canned food, or combustible materials in the compartment. They may ignite.
- Do not touch the heating element or the interior surface of the compartment. These surfaces may be hot enough to cause burns.
- Use care when opening the compartment. Open the compartment a crack, and let hot air or steam escape before removing or replacing food. Hot air or steam that escapes can cause burns to hands, face, and/or eyes.
- Do not use aluminum foil to line the warming compartment. Foil is an excellent heat insulator and will trap heat beneath it. This will upset the performance of the compartment and potentially cause a fire hazard.

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.

READ AND SAVE THESE INSTRUCTIONS

In Case of a Power Failure

In the event of a power failure, the oven is inoperable and no attempt should be made to operate it. However, the surface burners may be lit with a match. Using extreme caution, hold a lit match near the ports beneath the surface burner cap, then slowly turn the knob to the LITE position. Once lit, surface burners will continue to operate normally.

Surface Burners

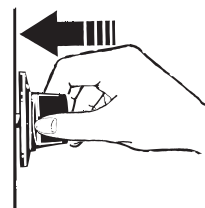
Lighting a Surface Burner

⚠ WARNING Burners should be operated only when covered by cookware. Burner flames not covered by cookware present a risk of fire or clothing ignition. Never let flames extend beyond the sides of the cookware. Failure to comply may result in serious injury.

Make sure all burners are in their correct locations and fully assembled before attempting to operate any burner.

Select a burner and find its control knob. Push the knob in and turn it to the LITE position.

You will hear a clicking noise—the sound of the electric spark igniting the burner. When one burner is turned to LITE, all burners will spark. Sparking will continue as long as the knob remains at LITE. Once gas is ignited, turn the knob to adjust the flame size.



Push the control knob in and turn it to the LITE position.

Selecting a Flame Size

Watch the flame, not the knob, as you adjust heat. When rapid heating is desired, the flame size should match the size of the cookware you are using. Flames larger than the bottom of the cookware will not heat faster and may be hazardous.



These flames are too large for the pot

Using the Surface Burners

NOTES:

- Do not operate the burner for an extended period of time without cookware on the grate. The finish on the grate may discolor or chip without cookware to absorb the heat.
- Do not attempt to disassemble any burner while another burner is on. Damage to the product may occur.
- Be sure the burners and grates are cool before you place your hand, a pot holder or cleaning materials on them.

Your rangetop offers convenience, cleanability and flexibility for a wide range of cooking applications.

The smallest burner is the simmer burner. A simmer burner turned down to LO provides precise cooking performance for foods such as delicate sauces that require low heat for a long cooking time.

Surface Burners (Cont.)

Top-of-Range Cookware

Aluminum: Medium-weight cookware is recommended because it heats quickly and evenly. Most foods brown evenly in an aluminum skillet. Use saucepans with tight-fitting lids when cooking with minimum amounts of water.

Stainless Steel: This metal alone has poor heating properties and is usually combined with copper, aluminum or other metals for improved heat distribution. Combination metal skillets usually work satisfactorily if they are used with medium heat or as the manufacturer recommends.

Cast-Iron: If heated slowly, most skillets will give satisfactory results.

Enamelware: Under some conditions, the enamel of some cookware may melt. Follow the cookware manufacturer's recommendations for cooking methods.

Glass: There are two types of glass cookware—those for oven use only and those for top-of-range cooking (saucepans, coffee and teapots). Glass conducts heat very slowly.

Heatproof Glass Ceramic: Can be used for either surface or oven cooking. It conducts heat very slowly and cools very slowly. Check the cookware manufacturer's directions to be sure it can be used on gas ranges.

Stove Top Grills

Do not use an after-market stove top grill on your gas surface burners. A stove top grill will cause incomplete combustion resulting in carbon monoxide levels above allowable standards. This could be hazardous to your health.



Do not use stove top grills

Using a Wok

Use only a flat-bottomed wok with a diameter of 14 inches or less. Make sure the wok bottom sits flat on the grate.

Do not use a wok support ring. Placing the ring over the burner or grate may cause the burner to work improperly, resulting in carbon monoxide levels above allowable standards. This could be hazardous to your health.



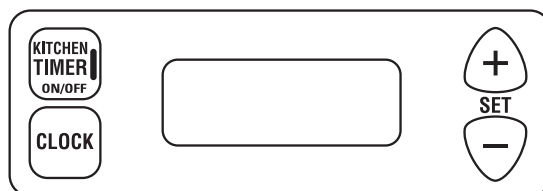
Use a flat-bottomed wok.



Using the Clock and Timer

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

You have the choice of having the timer show the time counting down or the time of day. In either case, the timer will signal at the end of the timer period to alert you that the time is up.



To Set the Clock

NOTE: When you first plug in the range or after a power failure, the entire Clock/Timer display will light up.

1. Press the **Clock** pad.
2. Press and hold the **+** or **-** pad and the time of day will change 10 minutes at a time. To change the time by single minutes, give the pads short taps.
3. Press the **Clock** pad to start the clock.



To Set the Kitchen Timer

1. Press the **Kitchen Timer On/Off** pad.
2. Use the **+** and **-** pads to set the timer. Short taps on the **+** or **-** pad change the timer's setting one minute at a time. Pressing and continuing to hold the **+** pad increases the setting 10 minutes at a time.
3. Once you have set your timer, press the **Kitchen Timer On/Off** pad to start timing.

As the timer counts down, a signal will indicate when one minute is left. After this signal, the display will count down in seconds. When time runs out, a final signal will sound. Press the **Kitchen Timer On/Off** pad to stop the signal.



To Change or Cancel the Kitchen Timer Setting

When the timer is counting down, use the **+** and **-** pad to change the remaining time, or press the **Kitchen Timer On/Off** pad to stop the timer. The timer cannot

be cancelled unless you have fully completed "set timer" instructions above.

Display Clock While Kitchen Timer Is Operating

Pressing the **Clock** pad while the timer is operating will not interfere with the timer's operation; the display will change to show the clock, but the timer will continue to

count down and will still signal when time is up. Press the **Kitchen Timer On/Off** pad again to change the display back to show the timer.

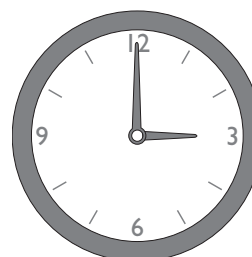
Clock (on some models)

The clock on your range is powered by the range itself. No batteries are necessary. The time is displayed with no timer or audible alarm.

To set the clock, turn the stem left or right.

To clean the clock, see instructions on page 23.

For any repairs, call a qualified service technician.



Oven Controls

Oven Temperature Knob (on some models)

Turn the **Oven Temp** knob to the setting you want.

- Preheat the oven for 10 minutes for baking.
- The "Oven Heating" light comes on when you set your oven temperature knob. The light will stay on until you set your knob back to the off position.

To Adjust the Thermostat (on models with an Oven Temp Knob):

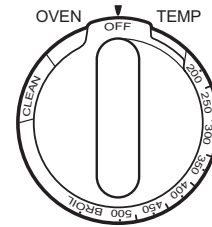
1. Pull the **Oven Temp** knob off the range and look at the back side. To make an adjustment, loosen (approximately one turn), but do not completely remove, the two screws on the back of the knob.
2. With the back of the knob facing you, hold the outer edge of the knob with one hand and turn the front of the knob with the other hand.

To increase the oven temperature, move the top screw toward the right. You'll hear a click for each notch you move the knob.

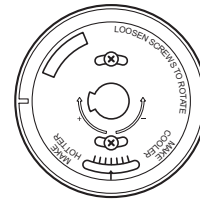
To decrease the oven temperature, move the top screw toward the left.

Each click will change the oven temperature approximately 10°F. (Range is plus or minus 60°F from the arrow.) We suggest that you make the adjustment one click from the original setting and check oven performance before making any additional adjustments.

3. After the adjustment is made, retighten screws so they are snug, but be careful not to overtighten.
4. Replace the knob, matching the flat area of the knob to the shaft, and check performance.



Front of OVEN TEMP knob
(knob appearance may vary)



Back of OVEN TEMP knob
(knob appearance may vary)

Sabbath Usage

Certain models comply with the Star-K Jewish Sabbath requirements for use during the Sabbath and holidays. For the latest list of models, see star-k.org.

Start a Baking

To start a baking, simply turn the thermostat knob to the desired temperature. Because a thermostat model will respond with a clicking sound when the thermostat knob is used to turn on the oven, this operation should take place before the Sabbath or Holidays begin.

Adjusting the Temperature

To adjust the oven temperature while in compliance with Sabbath requirements, the user must observe the orange glow through the oven bottom slots which are located at the left and right sides of the oven bottom. During normal operation, the orange glow cycles on and off every few minutes. The proper operating procedure to make an oven temperature adjustment while in compliance with Sabbath requirements is as follows:

- To adjust the oven temperature to a higher value, the user must first confirm a constant orange glow through the oven bottom slots. Only then, can the user turn the knob to a higher temperature than was previously set.

- To adjust the oven temperature to a lower value, the user must first confirm that there is no orange glow through the oven bottom slots. Only then, can the user turn the knob to a lower temperature than was previously set.

Stop Baking

To stop a baking, simply turn the thermostat knob to the off position. Because a thermostat model will respond with a clicking sound when the thermostat knob is used to turn off the oven, this operation should take place after the Sabbath or Holidays end.

Oven Light Operation

The oven light can be set to either on or off prior to the start of the Sabbath or the holiday. Opening and closing of the door will not change the state of the oven light.

Sabbath Mode Power Outage Note

If a power outage occurs during a Sabbath bake, the unit will return to Sabbath bake mode when power is restored and the oven will return to the same temperature as before the outage, without any intervention from the user.

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.

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

Removing and Replacing Racks

When placing and removing cookware, pull the rack out to the bump (stop position) on the rack support.

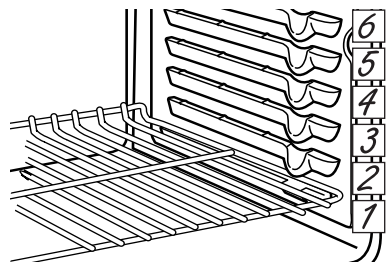
To remove a rack, pull it toward you until it reaches the stop position, tilt up the front of the rack and pull it out.

To replace a rack, place the curved end of the rack onto the rack supports. Tilt up the front of the rack and push the rack in until it stops. Then lay the rack flat and push it in until it is all the way into the oven.

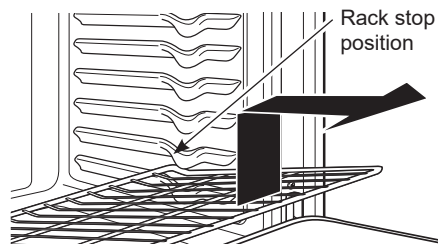
Racks may become difficult to slide, especially after a self-clean cycle. To improve sliding conditions, use a soft cloth or paper towel to rub vegetable oil on the left and right edges of the racks and/or rack supports.

NOTE: Remove unused racks when using the oven for faster preheat, improved efficiency and optimal cooking performance.

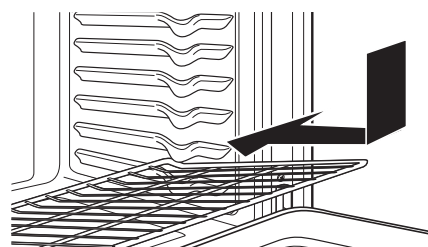
See the Assistance/Accessories section for instructions on ordering additional racks.



The number of rack positions may vary by model.



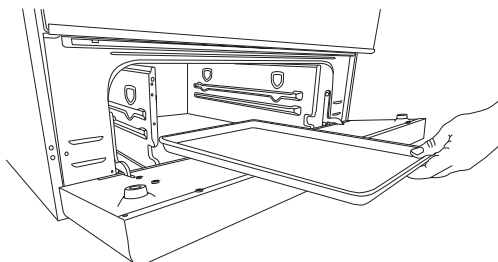
Removing racks



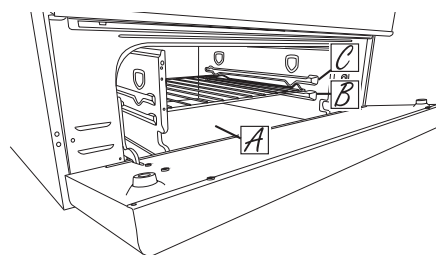
Replacing racks

Broil Compartment (on some models)

For better searing use the rack position that places food closest to the broil heater. Move food down or use Broil Lo mode for more doneness/less searing. In positions B and C, the broil pan (some models) or rack (some models) rests on the drawer side supports. In the bottom position (A), cookware sits directly on the compartment bottom. Take care not to touch the inner door when placing and removing food on the drawer bottom.



When placing cookware on the rack or compartment bottom, use front-to-back orientation for easier placement and better coverage.



Drop-down Broil Compartment (some models)

Aluminum Foil and Oven Liners

⚠ CAUTION Do not use any type of foil or oven liner to cover the oven bottom. These items can trap heat or melt, resulting in damage to the product and risk of shock, smoke or fire. Damage from improper use of these items 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.

Stoneware heats slowly and retains heat well. It is recommended to preheat this type of cookware if possible. Additional cook time may be required.

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 rack position and other recommendations for specific modes and foods.

Bake

The bake mode is for baking and roasting. When preparing baked goods such as cakes, cookies and pastries, always preheat the oven first. Turn knob to correct temperature setting.

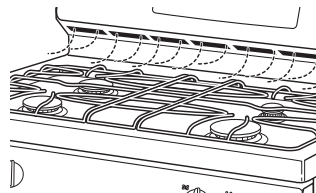
Broiling Modes

Broiling is done in either your oven cavity or broiling compartment depending on the features of your model. Always broil with the oven door/drawer closed. Monitor food closely while broiling. Use caution when broiling; placing food close to the broil element or burner increases smoking, spattering and the possibility of fats igniting. It is not necessary to preheat when using the Broil modes.

Oven Air Vents

Never block the vents (air openings) of the range. They provide the air inlet and outlet that are necessary for the range to keep cool and operate properly with correct combustion.

Air openings are located at the rear of the cooktop, at the top and bottom of the oven door, and at the bottom of the range.



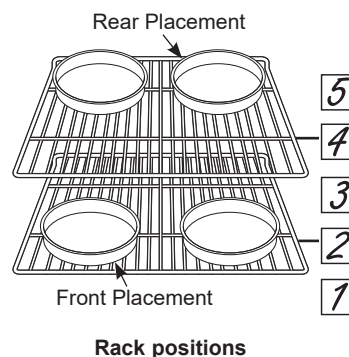
Vent appearance and location vary.

Cooking Guide

FOOD TYPE	RECOMMENDED MODE(S)	RECOMMENDED RACK POSITION(S)	ADDITIONAL SUGGESTIONS
Baked Goods			
Layer cakes, sheet cakes, bundt cakes, muffins, quick breads, biscuits, scones on a Single Rack	Bake	2 or 3	Use shiny cookware.
Layer cakes* on Multiple Racks	Bake	2 and 4	Ensure adequate airflow (see illustration below).
Chiffon cakes (angel food)	Bake	1	Use shiny cookware.
Cookies, biscuits, scones on a Single Rack	Bake	3	Use shiny cookware.
Cookies, biscuits, scones on Multiple Racks	Bake	2 and 4	Ensure adequate airflow. Switch food location partially through cooking for more even cooking results.
Beef & Pork			
Hamburgers	Broil Hi	C	Use a broil pan; move food down for more doneness/less searing. Watch food closely when broiling. Center food under burner.
Steaks & Chops	Broil Hi	C	Use a broil pan; move food down for more doneness/less searing. Watch food closely when broiling. Center food under burner.
Roasts	Bake	1 or 2	Leave uncovered, use a low sided pan such as a broil pan. Preheating is not necessary.
Poultry			
Whole chicken	Bake	1 or 2	Leave uncovered, use a low sided pan such as a broil pan.
Bone-in chicken breasts, legs, thighs	Broil Hi Bake	B	Broil skin side down first. Watch food closely when broiling.
Boneless chicken breasts	Broil Hi Bake	B	Move food down for more doneness/less searing and up for greater searing/browning when broiling.
Whole turkey	Bake	R or 1	Leave uncovered, use a low sided pan such as a broil pan.
Turkey Breast	Bake	1 or 2	Leave uncovered, use a low sided pan such as a broil pan.
Fish	Broil Hi	B (>1/2 inch)	Watch food closely when broiling.
Casseroles	Bake	2 or 3	
Frozen Convenience Foods			
Pizza, french fries, tator tots, chicken nuggets, appetizers on a Single Rack	Bake	3	Use shiny cookware.
Pizza, french fries, tator tots, chicken nuggets, appetizers on Multiple Racks	Bake	2 and 4	Use shiny cookware. Switch food location partially through cooking for more even cooking results.

*When baking four cake layers at a time use racks 2 and 4. 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 IsItDoneYet.gov. Make sure to use a food thermometer to take food temperatures.



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 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, including Black Stainless Steel.

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 door, top of control panel and the drawer front. 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, including Black Stainless Steel.

Stainless Steel excluding Black Stainless Steel (on some models)

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

Cleaners with oxalic acid such as Bar Keepers Friend Soft Cleanser™ will remove surface rust, tarnish and small blemishes. Use only a liquid cleanser free of grit and rub in the direction of the brush lines with a damp, soft sponge.

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, see the Accessories and Consumer Support sections at the end of this manual.

Range – Interior

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

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, strong liquid cleansers, steel wool, or scouring pads on the interior of the oven. For soils on the oven bottom and other enameled surfaces, use a gentle abrasive containing oxalic acid, such as Bar Keepers Friend®, with a non-scratch sponge. Take care not to apply any abrasive cleaners or sponges to

the door glass, as it will scratch the reflective coating. The oven interior and door glass may be cleaned using a soft cloth with a mild soap and water, or vinegar and water solution. After cleaning, rinse with clean water and dry with a soft cloth.

Self Clean Mode

Read Self-Cleaning Oven Safety Instructions at the beginning of this manual before using the Self Clean Mode. Self Clean uses very high temperatures to clean the oven interior. Only self-clean (black) racks and grates may remain in the oven during the self-clean cycle. All other items, including nickel plated (silver) racks, should be removed. If nickel plated (silver) racks are left in the oven during a self-clean cycle, the racks will tarnish. If either type of rack is left in the oven during a self-clean cycle, the rack may become difficult to slide. See the Oven Racks section for instructions on how to improve.

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.

To use the Self Clean feature:

1. Start with the oven at room temperature.
2. Wipe excess grease and soils from the oven and interior door.
3. Remove all items. See Cleaning the Cooktop to determine if your grates may be self-cleaned and for important details regarding grate placement.
4. Close the door. Slide the door latch handle to the left as far as it will go.
5. Turn Oven Knob to Self Clean.

You cannot open the door during the self-clean cycle. The door will remain locked after the self-clean cycle until the oven cools below the unlocking temperature. At the end of the self-clean cycle, allow the oven to cool and wipe any ash out of the oven.

Racks

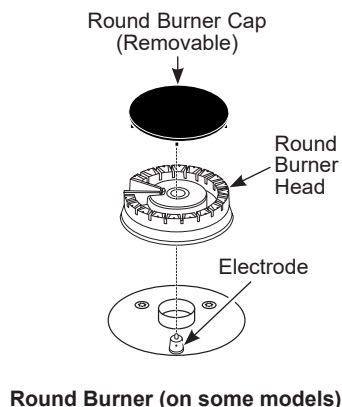
All racks can be washed with warm, soapy water. Enameled (not shiny) racks can be left in the cavity during self clean.

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.

Cooktop

Removal of Surface Burners for Cleaning

Turn all controls OFF. Allow cooktop to cool before removing grates and burner parts. When removing the burner caps and heads, remember their size and location. Replace them in the same location after cleaning.



Cleaning the Surface Burners

Cleaning the Burner Caps

Wash burner caps in hot, soapy water and rinse with clean water. You may scour with a plastic scouring pad to remove burned-on food particles. The round burner caps may also be cleaned in your dishwasher.

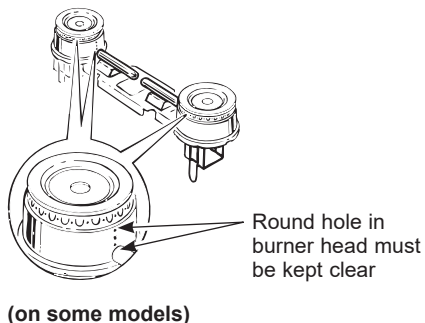
Cleaning the Burner Heads

Wash the burner heads routinely, especially after bad spillovers which could clog the burner openings. Lift burners off when cool. Wash with hot, soapy water. Rinse with clean water. For more stubborn stains, use a brush with plastic bristles.

NOTE: Do not use steel wool or scouring pads to clean the burner parts as these may clog the openings. Never wash burner heads in your dishwasher as dishwasher. Doing so may cause them to discolor.

The ports in the burner heads must be kept clean at all times for an even, unhampered flame.

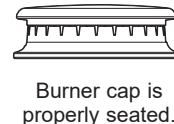
Clogged or dirty burner ports or electrodes will not allow the burner to operate properly.



Replacing Surface Burners

Before replacing the burner caps, heads and oval head/cap assembly, shake out excess water and allow them to dry thoroughly.

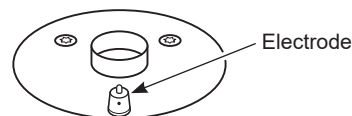
Replace burner heads in the correct locations according to size. Ensure each cap is properly seated on the burner head, as pictured below.



⚠ CAUTION

Do not operate the cooktop without all burner parts and grates in place.

Any spill on or around an electrode must be carefully cleaned. Avoid hitting the electrode with anything hard or it could be damaged.



The electrode of the spark igniter is exposed when the burner head is removed. When one burner is turned to LITE, all the burners spark. Do not attempt to disassemble or clean around any burner while another burner is on.

Cooktop (Cont.)

Burner Grates

Manual Cleaning

Grates should be washed in hot, soapy water and rinsed with clean water. To soften burned-on food, place grates in a solution containing ¼-cup of household ammonia for several hours. Afterward, scrub grates with a plastic scouring pad soaked in hot, soapy water. Rinse well and dry.

Self Clean Mode (on some models)

If your grates do not have rubber bumpers on their bottom surface, they may be cleaned in the oven using the self-clean cycle. Do not attempt to clean your grates in the oven if your grates have rubber bumpers. Doing so will destroy the rubber bumpers and may affect the function of your surface burners.

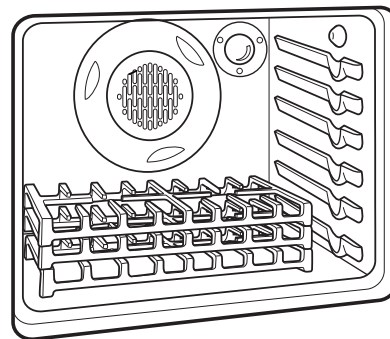
Porcelain-coated grates may gradually dull if continually exposed to self-clean temperatures.

Your oven is equipped with nickel-plated (silver) racks, it is recommended to follow the instructions for placing grates on the oven bottom. Nickel-plated racks should not remain in the oven during the self clean cycle. Doing so will tarnish the racks. If either type of rack is left in the oven during a self-clean cycle, the rack may become difficult to slide.

NOTE: When placing or removing grates from the oven, do not slide the grates on the racks or oven bottom. Doing so could damage the enamel on the racks or oven bottom.

To self clean your grates on the oven bottom:

1. Remove all oven racks.
2. Gently place one grate on the center of the oven bottom with the grate oriented in the upright position. Stack remaining grate(s) as shown below. Do not place or stack grates in any other configuration.



Once the grates are placed in the oven, operate the self-clean cycle per the instruction in the Cleaning the Oven section.

NOTE: Use caution when removing the grates from the oven after the self-clean cycle has ended. The grates may still be hot.

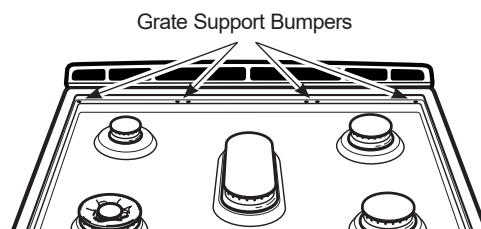
Once the self-clean cycle is complete, the grates may carefully be removed. You may notice a white residue on the grates. Wipe it off with a damp sponge. If white spots persist, wet the sponge with a 50/50 solution of vinegar and water and wipe the grates again.

When replacing the grates on the cooktop, be sure to locate them correctly. Grates should fit securely into the cooktop.

Grate Support Bumpers (on some models)

If any of the rubber grate support bumpers in the cooktop are missing or damaged, replacement parts can be obtained by calling 877.959.8688.

To insert the new bumpers, simply place the cone-shaped end of the bumper into the hole in the cooktop and push down while gently twisting the bumper.



Door and Drawer

Cleaning the Oven Door

Cleaning the Door Interior

Do not allow excess water to run into any holes or slots in the door.

Wipe dish soap over any baked-on spatters on the glass. Use a single sided safety razor blade to clean it off. Then wipe over the glass with a soapy cloth to remove any residue and dry off.

The area outside the gasket can be cleaned with a soap-filled plastic scouring pad. Do not rub or clean the door gasket - it has an extremely low resistance to abrasion.

If you notice the gasket becoming worn, frayed or damaged in any way or if it has become displaced on the door, you should have it replaced.

Cleaning the Door Exterior

If a stain on the door vent trim is persistent, use a mild abrasive cleaner and a sponge-scrubber for best results. Do not use this method on any other 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.

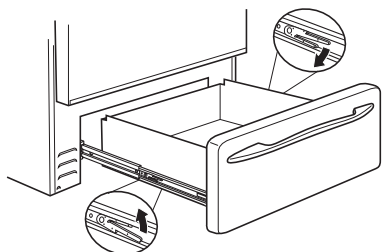
To inquire about purchasing cleaning products including stainless steel appliance cleaner or polish, see the Accessories and Consumer Support sections at the end of this manual.

Removable Drawer (on some models)

Most cleaning can be done with the drawer in place. However, the drawer may be removed if further cleaning is needed. Use soap and warm water to thoroughly clean.

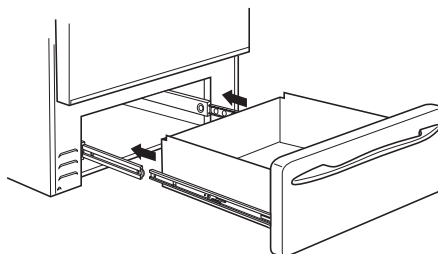
To remove the drawer:

1. Pull drawer straight out until it stops.
2. Press the left rail release up and press the right rail release down, while pulling the drawer forward and free.



To replace the drawer:

1. Place the left drawer rail around the inner left rail guide and slide it in slightly to hook it.
2. Place the right drawer rail around the inner right rail guide and slide it in slightly to hook it.
3. Slide the drawer all the way in.



Oven Light

⚠ 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.

NOTE: The glass cover should be removed only when cold. Wearing latex gloves may offer a better grip.

Before replacing the bulb, disconnect electrical power to the oven at the main fuse or circuit breaker panel. Let the bulb cool completely before removing it. For your safety do not touch a hot bulb with a damp cloth. If you do the bulb may break.

To remove:

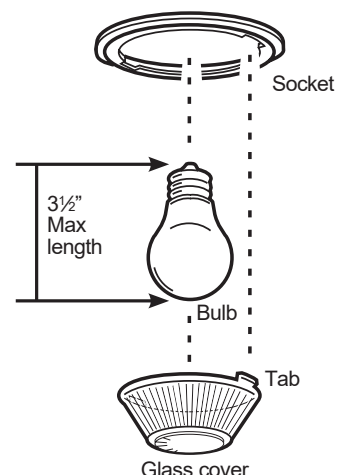
Turn the glass cover counterclockwise 1/4 turn until the tabs of the glass cover clear the grooves of the socket and pull the cover off. Remove the bulb.

To replace:

Put in a new 40-watt appliance bulb. Place the tabs of the glass cover into the grooves of the socket. Turn the glass cover clockwise 1/4 turn.

NOTE:

- A 40-watt appliance bulb is smaller than a standard 40-watt household bulb.
- Reconnect electrical power to the oven once the new bulb is installed.
- 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.



Oven Door

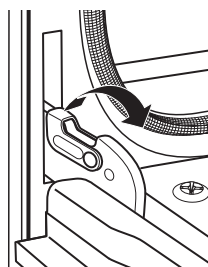
The door is very heavy. Be careful when removing and lifting the door. Do not lift door by the handle.

To Remove the Door:

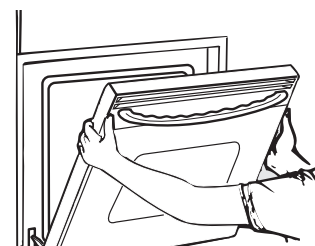
1. Fully open the door.
2. Pull the hinge locks up and away from the range frame to the unlocked position.
3. Firmly grasp both sides of the door near the top.
4. Close door until the top of the door is approximately 6" from the range frame.
5. Lift door up and away from the range until both hinge arms are clear of the slots in the range frame.

To Replace the Door:

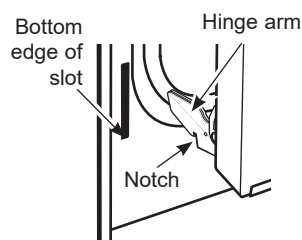
1. Firmly grasp both sides of the door near the top.
2. With the door at the same angle as the removal position, rest the notch on the underside of the left hinge arm on the bottom edge of the left hinge slot. The notch in the hinge arm must be fully seated into the bottom of the slot. Repeat for the right side.
3. Fully open the door. If the door will not fully open, the notches in the bottoms of the hinge arms have not seated correctly in the bottom edge of the slot. Lift the door off the range and repeat previous step.
4. Push the hinge locks toward the range cavity and down to the locked position.
5. Close the oven door.



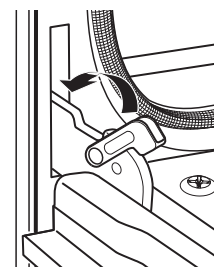
Pull hinge locks up to unlock



Removal position



Rest notch on bottom edge of hinge slot



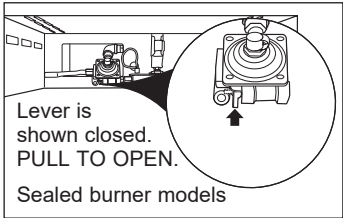
Push hinge locks down to lock

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
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 and use rack positions recommended in the Cooking Guide. 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. See the Special Features section.
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.
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.
	Cookware not suited for broiling.	Use a pan specifically designed for broiling.
	Aluminum foil on the broil pan has not been fitted properly or slit to drain grease.	If using aluminum foil on broil pan, wrap tightly and add slits conforming to those in the pan to allow grease to drain.
Oven temperature too hot or too cold	Oven temperature needs adjustment.	See the Cooking Modes section.
Oven 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.
"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 has been designed to maintain a tighter control over your oven's temperature. You may hear your oven's heating elements "click" on and off more frequently than in older ovens to achieve better results during baking, broiling, and self-clean cycles.	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.
Sometimes the oven takes longer to preheat to the same temperature	Cookware, food, and/or number of racks in oven.	Cookware, food, and racks in the oven will cause differences in preheat times. Remove excess items to reduce preheat time.
Oven light does not work	Light bulb is loose or defective.	Tighten or replace bulb. See the Maintenance section for instructions on how to replace the bulb.
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.

Troubleshooting Tips ... Before you call for service

Problem	Possible Cause	What To Do
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.
Strong "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. This is temporary.
Excessive smoking during broiling	Food too close to burner element.	Lower the rack position of the food.
Oven door will not open when you want to cook.	The oven door is locked because the temperature inside the oven has not dropped below the locking temperature.	Allow the oven to cool below the locking temperature.
Burners do not light	Plug on range is not completely inserted in the electrical outlet.	Make sure electrical plug is plugged into a live, properly grounded outlet.
	Gas supply not connected or turned on.	See the Installation Instructions that came with your range.
	A fuse in your home may be blown or the circuit breaker tripped.	Replace the fuse or reset the circuit breaker.
	Burner parts not replaced correctly.	See the Care and Cleaning of the range section.
	Burner slots near the electrode, or the round lighter port on the oval burner, may be clogged.	Remove the burners and clean them. Check the electrode area for burned-on food or grease. See the Care and Cleaning of the range section.
	Food residue on electrode	Lightly polish flat tip of electrode with nail file or sandpaper until shiny.
Top burners do not burn evenly	Improper burner assembly.	Make sure the burner caps are seated correctly. See the Care and Cleaning of the range section.
	Burner slots on the side of the burner may be clogged.	Remove the burners for cleaning. See the Care and Cleaning of the range section.
Burner flames are very large or yellow	Improper air to gas ratio.	If range is connected to Propane gas, contact the technician who installed your range or made the conversion.
Surface burners light but bake and broil burners do not.	Gas to the oven burners may have been shut off.	<p>The oven gas shut-off is located on the gas regulator near the gas line attachment to your range. Locate it and flip the lever.</p> 
My oven door glass appears to be "tinted" or have a "rainbow" color.	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.
Drawer does not slide smoothly or drags	The drawer is out of alignment.	Fully extend the drawer and push it all the way in. See the Care and Cleaning of the range section.
	Drawer is over-loaded or load is unbalanced.	Reduce weight or redistribute drawer contents.

Notes

Notes

Notes

Conservator® Gas Range Limited Warranty

Conservatorappliances.com

Your appliance is covered by a limited warranty, as listed below, by GE Appliances. All warranty service is provided by our GE Appliances Factory Service Centers, or an authorized service technician. To schedule service, call Crosley at 800.544.4780. Please have your serial number and your model number available when calling for service.

For the period of	GE Appliances will replace
One year From the date of the original purchase	Any part of the range which fails due to a defect in materials or workmanship. During this limited one-year warranty , GE Appliances will provide, free of charge , all labor and in-home service to replace the defective part.

This warranty 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.
- Replacement of house fuses or resetting of circuit breakers.
- Damage to the product caused by accident, fire, floods, or acts of God.
- Damage to finish, such as surface rust, tarnish, or small blemishes not reported within 48 hours of delivery.
- Incidental or consequential damage caused by possible defects with this appliance.
- Damage caused after delivery.
- Product not accessible to provide required service.
- Service to repair or replace light bulbs, except for LED lamps.

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

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

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

CONSERVATOR®

Accessories

Looking For Something More?

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

Refer to the Consumer Support page for phone numbers and website information.

The following products and more are available:

Accessories

Nickel Flat Rack

Reinforced Nickel Flat Rack

Self Clean Flat Rack

Nickel Extension Rack

Self Clean Extension Rack

Broiler Pan (12 $\frac{3}{4}$ " x 1 $\frac{1}{4}$ " x 16 $\frac{1}{2}$ ")

Roasting Rack Accessory

Cooktop Center Grate

Nonstick Aluminum Griddle

Reversible Cast-Iron Griddle

Cleaning Supplies

CitruShine™ Stainless Steel Wipes

CStainless Steel Polishing Cloth

CERAMA BRYTE® Burnt-On Grease Remover

Consumer Support

Conservator® Website

Have a question or need assistance with your appliance? Try the Conservator Website 24 hours a day, any day of the year at **Conservatorappliances.com**. You can also shop for more great Conservator products on our website.

Schedule Service

Crosley repair service is only one step away from your door. Call 800.544.4780 during normal business hours to schedule service.

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. Visit **GEApplianceparts.com** or by phone at 877.959.8688 during normal business hours.

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