

USING THE RANGE

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.

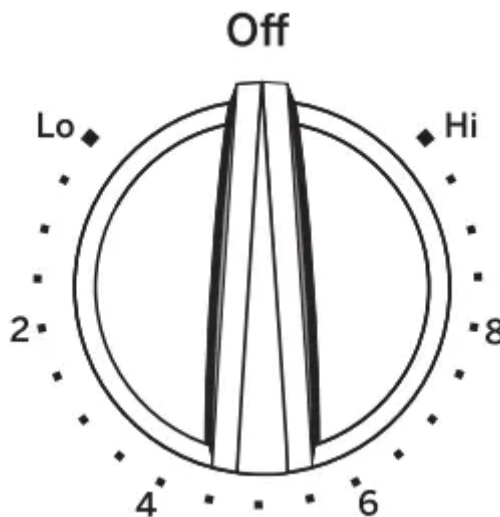
NOTE: Before using the cooktop for the first time, clean it with CERAMA BRYTE® Ceramic Cooktop Cleaner. This helps protect the top and makes cleanup easier.

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

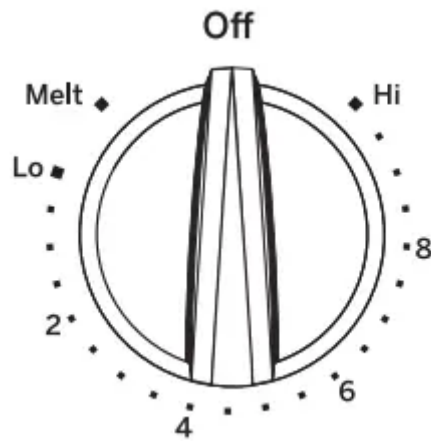
For glass cooktop surfaces: A HOT COOKTOP indicator light will:

- 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.

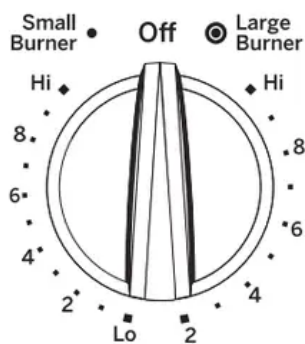
Be sure you turn the control knob to OFF when you finish cooking.



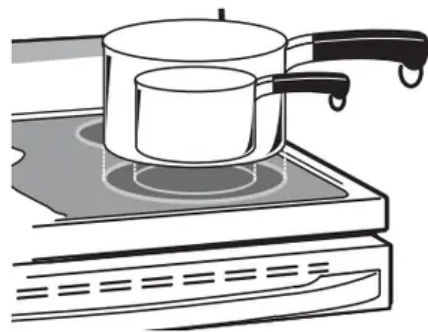
Melt setting (on some models) will melt chocolate or butter.

Dual 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



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.

To turn the **WARMING ZONE** on, press **Warming Zone ON/OFF**, select **Lo**, **Med** or **Hi** with the number pads, and press **Start**.

To turn the **WARMING ZONE** off, press the **Warming Zone ON/OFF** pad.

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.

NOTE: The Cancel/Off pad does not turn off the Warming Zone



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.

Radiant Glass Cooktop



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.

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.

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:

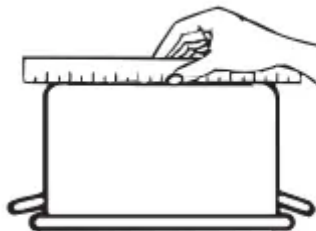
- the pan boils dry.
- the pan bottom is not flat.
- the pan is off-center.
- there is no pan on the unit.

Cookware for Radiant Glass Cooktop

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

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

Recommended



Check pans for flat bottoms by using a straight edge.

Stainless Steel 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:

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.

Enamel (painted) on Cast Iron:

recommended if bottom of pan is coated

Avoid/Not Recommended



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

Enamel (painted) on Steel:

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

Glass-ceramic:

Poor performance. Will scratch the surface.

Stoneware:

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.

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.

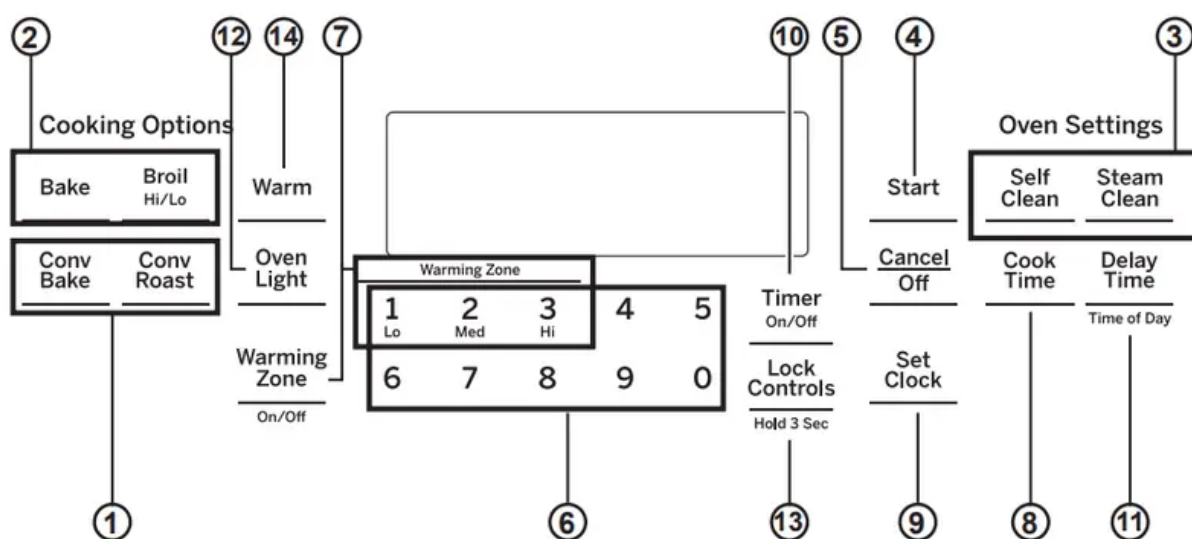


Do not use woks with support rings on the glass cooktop.



Use flat-bottomed woks on the glass cooktop.

Oven Controls



1. Convection Cooking (on some models):

Convection cooking modes use increased air circulation to improve performance. See the Cooking Modes section for more information.

2. Traditional Cooking Modes: Your oven has the following traditional cooking modes: Bake and Broil Hi/Lo. See the Cooking Modes section for more information.

3. Clean: Your oven has two cleaning modes:

Self Clean and Steam Clean. See the Cleaning the Oven section for important information about using these modes.

4. Start: Must be pressed to start any cooking, cleaning, or timed function.

5. Cancel/Off: Cancels ALL oven operations except the clock and timer.

6. Number Pad

7. Warming Zone: The Warming Zone, located in the back center of the glass surface, will keep hot, cooked food at serving temperatures. 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. See Warming Zone section for more information.

8. 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 Bake, Convection Bake, and Convection Roast (where available).

9. Clock: Sets the oven clock time.

Press the **Set Clock** pad twice and the **number** pads to program the clock. Press **Start** to save the time.

10. 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. The timer countdown is complete. To turn the timer off press the **Timer** pad.

11. 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 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.

12. Oven Light: Turns the oven light on or off.

13. Lock Controls: Locks out the control so that pressing the pads does not activate the controls.

Press and hold the number pads or the **Lock Controls** pad, for three seconds to lock or unlock the control. **Cancel/ Off** is always active, even when the control is locked.

14. Warm: Warm mode is designed to keep hot foods hot for up to 3 hours.

To use this mode, select WARM and then START. Cover foods that need to remain moist and do not cover foods that should be crisp. Preheating is not required. Do not use warm to heat cold food other than crisping crackers, chips or dry cereal. It is also recommended that food not be kept warm for more than 2 hours.

Special Features

There are several different special features on your range.

- To enter the Special Features menu, press the Bake and Broil pads at the same time and hold for three seconds. "OFFSEt" will appear in the display.
- Scroll through Special Features menu using the 8 pad for down and the 3 pad for up.
- To select a feature to change, or to confirm a change, press the 0 pad.
- To cancel a change and return to the Special Features menu, press the 6 pad. To exit the Special Features menu, press the 6 pad again.

Adjust the Oven Temperature (OFFSEt)

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.

Using the number pads to navigate as described above, select "OFFSEt". A number between positive and negative 35 will display. Use the 8 or 3 pads to increase or decrease the offset value. Save and confirm by pressing the 0 pad.

Sound Volume (Sound)

This feature allows the oven tone volume to be adjusted between high (Hi), medium (rEg), low (Lo), and off (OFF). The control will sound the oven tone at the new volume level each time the sound level is changed.

End of Timer Signals (End tonE)

This is the tone that signals the end of a timer. The tone can be continuous (Cont) or one repeating beep (bEEP). A continuous setting will continue to sound a tone until a button on the control is pressed.

12-hour Shutoff (2H ShutoFF)

This feature shuts the oven down after 12 hours of continuous operation. It may be enabled or disabled.

Fahrenheit or Celsius Temperature Display (dEg Unit)

The oven control is set to use Fahrenheit temperatures (F), but you can change it to use Celsius temperatures (C).

Clock Display (Cloc diSP)

This feature specifies whether the clock appears in the display. It may be On or Off.

Clock Configuration (Cloc cFg)

This feature specifies how the time of day will be displayed. You can select a standard 12-hour clock (12) or 24-hour military time (24).

Auto Recipe Conversion (Auto rEciPE)

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. This feature may be turned On or Off.

Sabbath Mode

The Sabbath mode feature complies with standards set forth by Star K. Some of these standards that will be noticed by the consumer include the disabling of tones, disabling of oven lights, and

delays of about 30 seconds to one minute on display changes. Only continuous baking or timed baking is allowed in the Sabbath mode. Cooking in the Sabbath mode is a two-step process, first the Sabbath mode must be set and then the bake mode must be set.

Setting the Sabbath Mode

1. Press the **Bake** and **Broil** pads at the same time and hold until the special features menu is displayed.
2. Use the **3** or **8** number pads to scroll through the special features until "SAbbAth" is displayed and then press **0**. Refer to the graphic in the Special Features section to see how the number keys are mapped.
3. Use the **3** or **8** number pads to scroll through the options until "On" is shown in the display, then press the **0** number pad to save the setting. Press **6** to exit the Special Features menu. A single bracket "]" will appear in the display indicating that the Sabbath mode is set. The clock will not be displayed. Continuous bake or timed bake can now be programmed.

Starting a Continuous Bake

1. Press the **Bake** pad.
2. If the desired temperature is 350F, press **Start**. If a different cooking temperature is desired, use the **1** through **5** number pads or **Timer** pad to select a preset cooking temperature, then press **Start**. Refer to the graphic below to determine which pad sets the desired cooking temperature.

After a delay, a second bracket "]" [" will appear in the display indicating that the oven is baking.

Temperature (°F)					400
1	2	3	4	5	Timer
170	200	250	300	325	On/Off
6	7	8	9	0	Lock
2h	2.5h	3h	3.5h	4h	Controls
Time (hours)					Hold 3 Sec
					6h

1 = 170° F, 2 = 200° F, 3 = 250° F, 4 = 300° F, 5 = 325° F, Timer = 400° F

6 = 2 hours, 7 = 2.5 hours, 8 = 3 hours, 9 = 3.5 hours,
0 = 4 hours, Lock Controls = 6 hours

Adjusting the Temperature

1. Press **Bake**, use the **1** through **5** number pads and the **Timer** pad to select a different preset cooking temperature, and press **Start**.
2. Since no feedback is given during temperature change, an oven thermometer can be used to confirm temperature changes.

Starting a Timed Bake

1. Press the **Bake** pad.
2. If the desired temperature is 350F, use the **6** through **0** number pads or the **Lock Control** pad to select a cooking time. If a cooking temperature other than 350F is desired, use the **1** through **5** number pads or the **Timer** pad to select a preset cooking temperature, then select the cooking time. Refer to the graphic on this page to determine which pad sets the desired cooking temperature and cooking time.
3. Press **Start**.

After a delay, a second bracket "]" [" will appear in the display indicating that the oven is baking. When the cook time expires, the display will change back to a single bracket "]" indicating that the oven is no longer baking.

No tone will sound when the cook time is complete.

Exit the Sabbath Mode

Exiting the Sabbath mode should be done after the Sabbath is over.

1. Press **Cancel/Off** to end any bake mode that may be running.
2. Press **Bake** and **Broil** pads at the same time and hold until the Special Features menu is displayed.
3. Use the **3** or **8** number pads to scroll through the special features until "SAbbAth" is displayed, then press **0**.
4. Use the **3** or **8** number pads to scroll through the options until "OFF" is displayed and press **0** to save the setting. Press the **6** number pad to exit the Special Features menu.

Sabbath Mode Power Outage Note

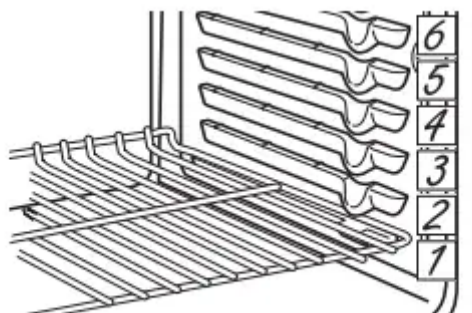
If a power outage occurs while the oven is in Sabbath Mode, the unit will return to Sabbath Mode when power is restored, however the oven will return to the off state even if it was in the middle of a bake cycle when the power outage occurred.

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 1/2" 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.



The number of rack positions may vary by model.

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.

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.

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

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

The Convection Bake mode is intended for baking on multiple racks at the same time. This mode uses 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 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

Always broil with the door closed. 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 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 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 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

To use this mode, press the **Warm** pad then press **Start**. Cover foods that need to remain moist and do not cover foods that should be crisp. Preheating is not required.

Do not use warm to heat cold food other than crisping crackers, chips or dry cereal. It is also recommended that food not be kept warm for more than 2 hours.

CARE AND CLEANING

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.

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 and Black Stainless Steel

Painted surfaces include the sides of the range and the door, top of control panel, maintop trims 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.

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.

Cleaning the Range - Interior

Be sure all controls are off and all surfaces are cool before cleaning any part of the range. The interior of your new oven can be cleaned manually or by using Steam Clean or Self Clean modes.

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 soap and water or vinegar and water solution. Rinse with liquid cleansers, steel wool, scouring pads, or cleaning clean water and dry with a soft cloth. When cleaning powders on the interior of the oven. Clean with a mild surfaces, make sure that they are at room temperature.

Steam Clean Mode

Steam clean is intended to clean light soils using water and a lower cleaning temperature than Self-Clean.

To use the Steam Clean feature, wipe grease and soils from the oven. Pour one cup of water into the bottom of the oven. Close the door. Press the **Steam Clean** pad and then press **Start**. The door will lock. You can not open the door during the 30 minute steam clean as this will decrease the steam clean performance. When the cycle completes, soak up remaining water and wipe the oven walls and door.

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, the meat probe, 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 selfclean. Put some vegetable oil on a soft cloth or paper towel and rub onto the left and right edges.

NOTE: Using other cooking oils will cause a discoloring or a rust like color residue on the racks and cavity sides. To clean this residue, use a soap and water or a vinegar and water solution. Rinse with clean water and dry with a soft cloth.

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. On some models, the bake element is not exposed and is under the oven floor. Clean the oven floor with warm, soapy water.



Gently lift the bake element



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.





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

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.
6. Do not use CERAMA BRYTE®

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

Burned-On Residue

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

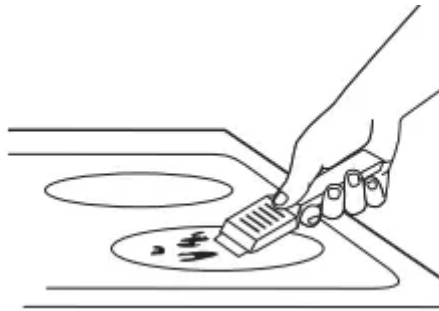
1. Allow the cooktop to cool.
2. Spread a few drops of CERAMA BRYTE® Ceramic Cooktop Cleaner on the entire burned residue area.
3. Using a CERAMA BRYTE® Cleaning Pad for Ceramic Cooktops, rub the residue area, applying pressure as needed.
4. If any residue remains, repeat the steps listed above as needed.
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 a 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 the Accessories and Consumer Support sections at the end of this manual.

NOTE: Do not use a dull or nicked blade.

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:
 1. Use a single-edge razor blade scraper to move the spill to a cool area on the cooktop.
 2. 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.

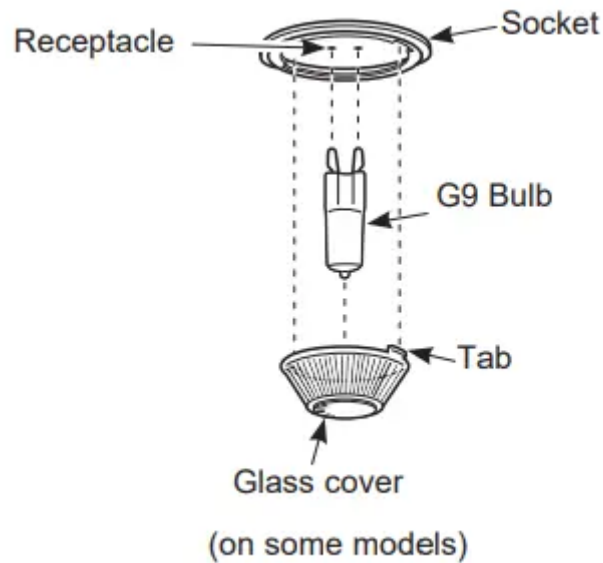
Oven Light

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.

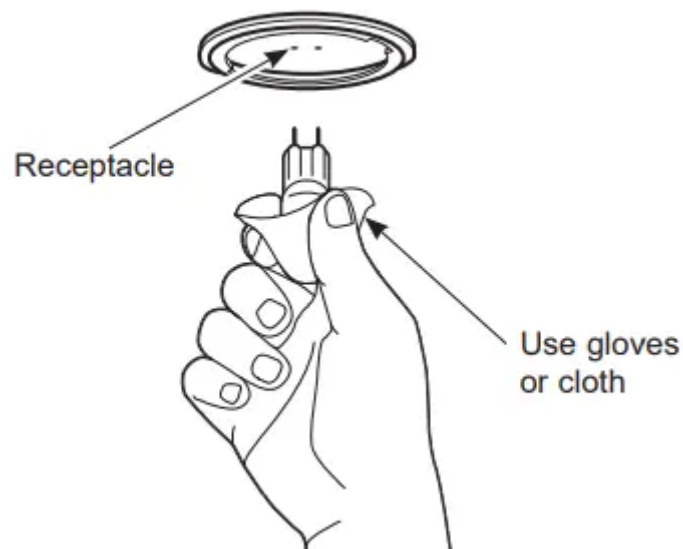
Oven Light Replacement (on some models)

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.

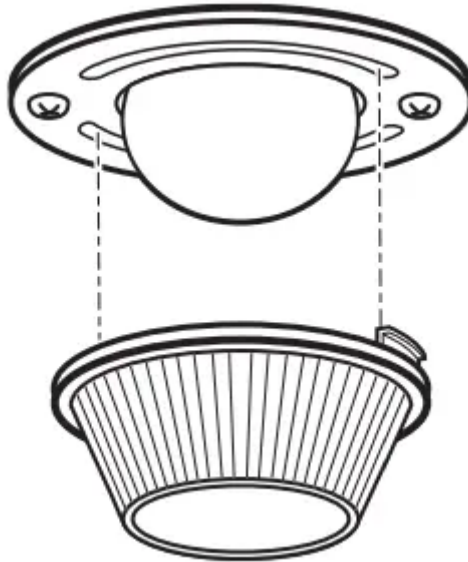
To replace:



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 (on some models)



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.

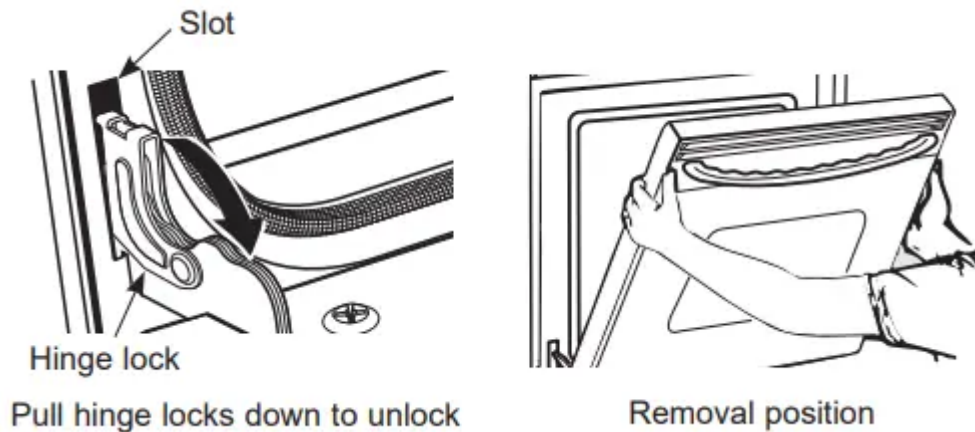
Oven Door

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:

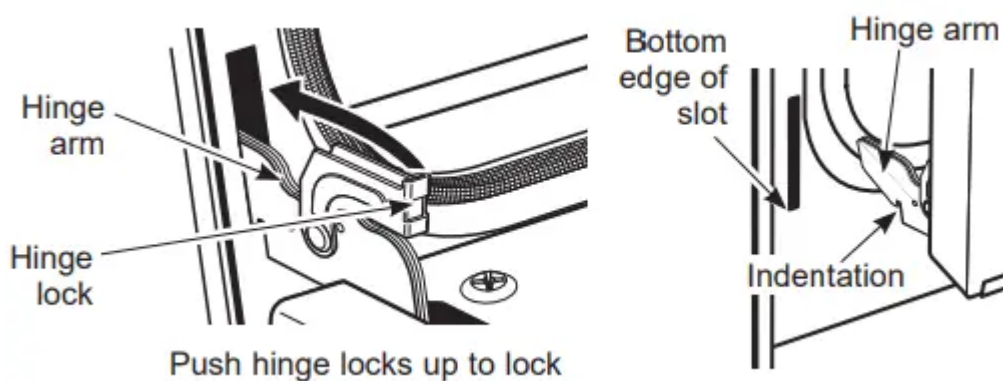
1. Fully open the door.

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.



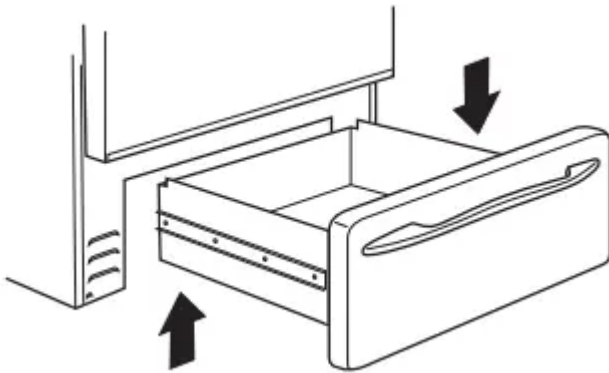
Removable Storage Drawer

The storage drawer is a good place to store cookware and bakeware. Do not store plastics or flammable material in the drawer.

The storage drawer may be removed for cleaning under the range. Clean the storage drawer with a damp cloth or sponge. Never use harsh abrasives or scouring pads.

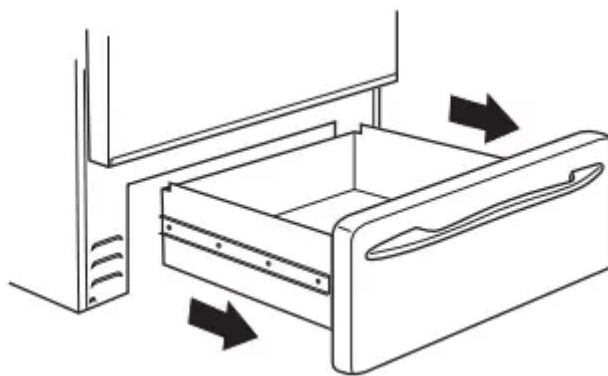
Removing the Storage Drawer (for models that have release tabs):

1. Pull the drawer straight out until it stops.
2. While pulling the drawer forward, press the left rail release lever up and the right rail release lever down.
3. Continue to pull the drawer forward until completely detached from the unit.

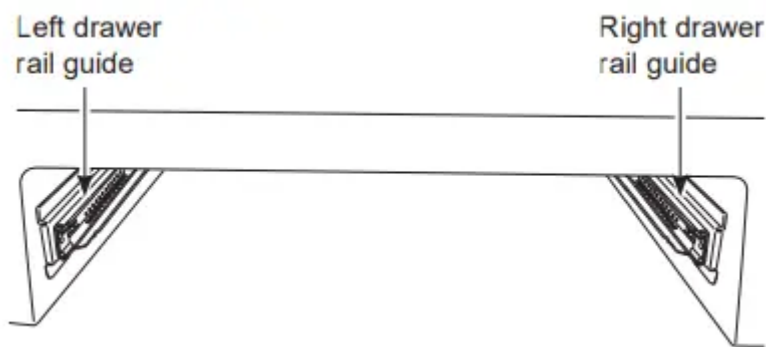


Removing the Storage Drawer (for models that do not have release tabs):

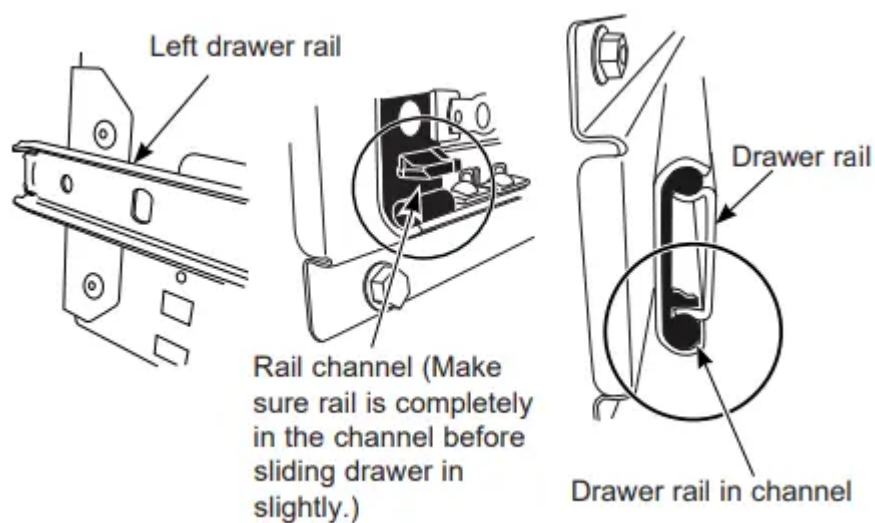
1. Pull drawer straight out until it stops.
2. Continue to pull the drawer until it is detached from the oven.



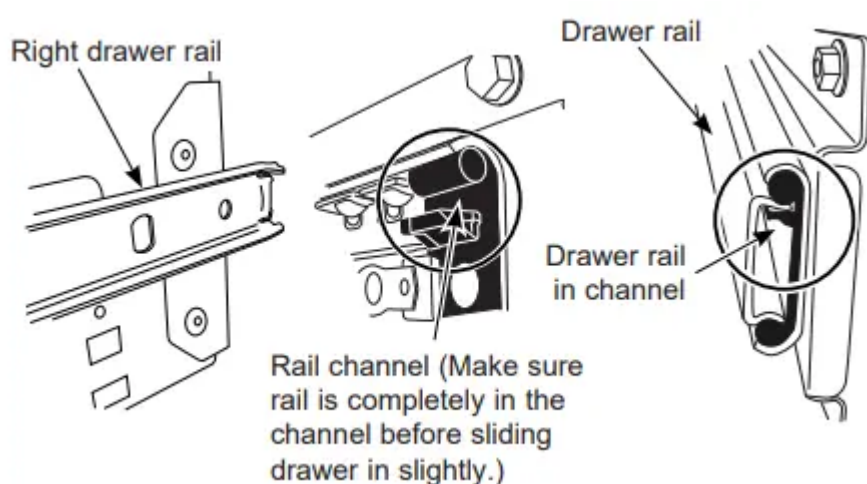
Replacing the Storage Drawer:



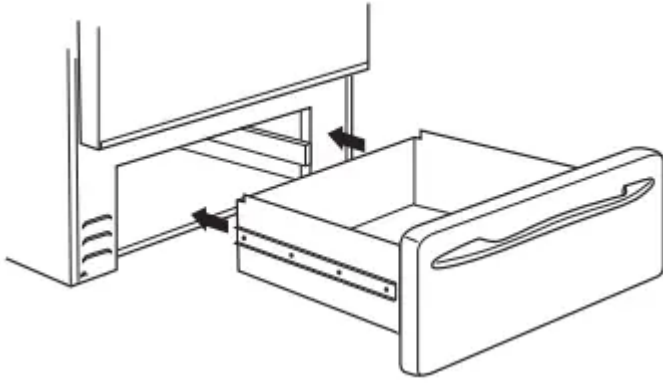
1. Rest the left drawer rail inside the inner left rail guide channel at the bottom and slide it in slightly.



2. Place the right drawer rail inside the inner right rail guide channel at the top and slide it in slightly.



3. Keep the drawer straight (no need to tilt) and slide the drawer all the way in.



Troubleshooting Tips

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 surface unit selected.
	In some areas, the power (voltage) may be low.	Cover pan with a lid until desired h
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 circu
	Cooktop controls improperly set.	Check to see the correct control is 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 become less visible in time as a re
	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 recom procedures. Make sure bottoms of clean before use, and use cookwa bottoms.
Areas of discoloration on the cooktop	Food spillovers not cleaned before next use.	See the Cleaning the glass cooktop
	Hot surface on a model with a light-colored cooktop.	This is normal. The surface may when it is hot. This is temporary as the glass cools.



Plastic melted to the surface	Hot cooktop came into contact with plastic placed on the hot cooktop.	See the Cleaning the glass cooktop section. There is potential for permanent damage if not cleaned with proper care.
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's cooking temperatures carefully. If you still think the oven is too hot or too cold, you can adjust the temperature yourself by following the instructions for Special Features to meet your specific preference. NOTE: This adjustment applies to Convection Bake temperature, 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 the 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 cooking outcome.
Food does not broil properly	Oven controls improperly set.	Make sure you select the appropriate broil setting.
	Improper rack position being used.	See Cooking Guide for rack location.



	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 the manufacturer's instructions.
	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 properly grounded outlet.



	Oven controls improperly set.	See the Using the kitchen timer section.
	Clock display turned off	Check Clock Display settings in the Features section
Storage drawer won't close	Power cord may be obstructing drawer in the lower back of the range.	Reposition the drawer and power cord. Storage Drawer Removal instructions in the Care and Cleaning of the range section.
	Drawer slide or rail improperly aligned with support	Reposition the drawer. See the Storage Removal instructions in the Care and Cleaning of the range section.
Oven door is crooked	The door is out of position.	Because the oven door is removable, it gets out of position during installation. Remove the door, re-install the door. See the Lift-Off Oven Door section in the Care and Cleaning section.
Oven light does not work	Light bulb is loose or defective.	Tighten or replace bulb.
	Pad operating light is broken.	Call for service.
	Oven is in Sabbath mode	Verify that the oven is not in Sabbath mode. See the Sabbath Mode section in the Special Features section.
Oven will not self-clean	The temperature is too high to set a self-clean operation.	Allow the oven to cool and reset the temperature.
	Oven controls improperly set.	See the Cleaning the Oven section.
	Door not shut/closed	Close the oven door completely.



Excessive smoking during clean cycle	Excessive soil or grease.	Press the Cancel/Off pad. Open the room of smoke. Wait until the smoke goes off. Wipe up the excess soil. Restart 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 the next clean cycle. Heavily soiled ovens may require a second clean cycle 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. Latch the door if the oven has a manual latch.
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.
"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 30 seconds and then reconnect power. If the 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.



Power outage, clock flashes	Power outage or surge	Reset the clock. If the oven was in a power outage, you can reset it by pressing the Cancel/Off button. Press the clock and resetting any cooking functions.
“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 Clean 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 a few uses or a selfclean cycle.
Fan noise	A convection fan may automatically turn on and off.	This is normal on some models. The fan may turn on to operate intermittently to maximize heat distribution and evenness. The convection fan will operate during the preheat of the bake cycle. The fan will stop when the oven is heated to the set temperature and will resume normal operation when the oven is preheated.
	A cooling fan may automatically turn on	This is normal on some models. The fan may turn off and on to cool internal parts of the oven when the oven is turned off.
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 conditions, 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 may cause the oven to take longer to preheat. Remove the cookware or food 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 the racks to reduce preheat time.
	Different cooking modes.	The different cooking modes use different methods to heat the oven for the same temperature.



		mode. Some modes will take longer (convection bake).
Display flashes	Power failure.	Reset the clock.
Unable to get the display to show "oFFSEt"	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 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. Do not spray with Paraflex or other lubricant sprays.
Drawer does not slide smoothly or drags	The drawer is out of alignment.	Fully extend the drawer and push it back in. See the Care and cleaning of the oven for more information.
	Drawer is over-loaded or load is unbalanced.	Reduce weight. Redistribute drawer load.
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.
Water remaining on oven floor after Steam Clean cycle	This is normal.	Remove any remaining water with a sponge.
Oven will not steam clean	Display flashes HOT.	Allow the oven to cool to room temperature and then reset the controls.



	Oven controls improperly set.	See the Using Steam Clean section.
	Oven door is not closed.	Make sure you close the door to start the cycle.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

