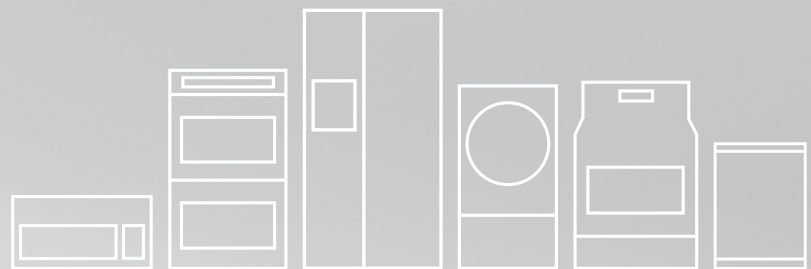


# FRIGIDAIRE

All about the

# Use & Care

of your Electric Range



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# PRODUCT RECORD AND REGISTRATION

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## Questions?

For toll-free telephone support in the U.S. and Canada call **1-800-944-9044**.

For online support and Internet production information visit <http://www.frigidaire.com>.

## Product Registration

Registering your product with Frigidaire enhances our ability to serve you. You can register online at <http://www.frigidaire.com> or by dropping your Product Registration Card in the mail.

### Record model & serial numbers here

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Purchase Date

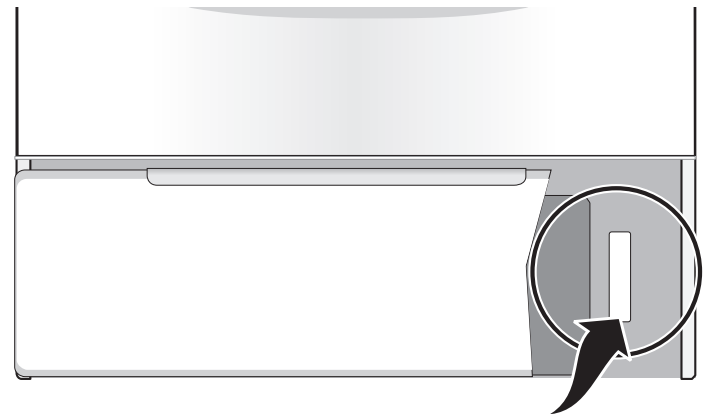
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Frigidaire model number

---

Frigidaire serial number

### Serial Plate Location



Serial plate location: open lower oven drawer (some models) or storage drawer (some models).

## Thank you for choosing Frigidaire.

**Important:** This Use and Care Guide is part of our commitment to customer satisfaction and product quality throughout the service life of your new appliance. We view your purchase as the beginning of a relationship. To ensure our ability to continue serving you, please use this page to record important product information.

## Need Help?

### Visit the Frigidaire web site at [www.frigidaire.com](http://www.frigidaire.com)

Before you call for service, there are a few things you can do to help us serve you better.

### Read this Use & Care Manual

This manual contains instructions to help you use and maintain your range properly.

### If You Received a Damaged Range...

Immediately contact the dealer (or builder) that sold you the range.

### Save Time and Money

Check the section title "Before You Call". This section helps step you through some common problems that might occur.

If you do need service, help is only a phone call away. Call Frigidaire Customer Services at **1-800-944-9044**.

## IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

This manual contains important safety symbols and instructions. Please pay attention to these symbols and follow all instructions given.

Do not attempt to install or operate your appliance until you have read the safety precautions in this manual. Safety items throughout this manual are labeled with a **WARNING** or **CAUTION** statement based on the risk type.

Warnings and important instructions appearing in this guide are not meant to cover all possible conditions and situations that may occur. Common sense, caution, and care must be exercised with installing, maintaining, or operating your appliance.

### DEFINITIONS

 This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

### **WARNING**

Indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.

### **CAUTION**

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

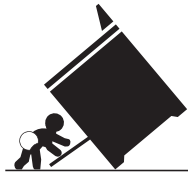
### **IMPORTANT**

Indicates installation, operation, maintenance, or valuable information that is not hazard related.

### **NOTE**

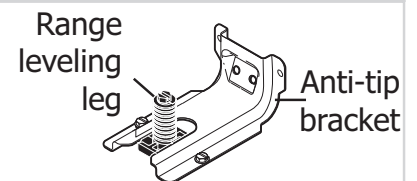
Indicates a short, informal reference – something written down to assist the memory or for future reference.

### **WARNING**



#### Tip Over Hazard

- **A child or adult can tip the range and be killed.**
- **Verify the anti-tip device has been installed to floor or wall.**
- **Ensure the anti-tip device is re-engaged to floor or wall when the range is moved.**
- **Do not operate the range without the anti-tip device in place and engaged.**
- **Failure to follow these instructions can result in death or serious burns to children and adults.**



To check if the anti-tip bracket is installed properly, use both arms to grasp the rear edge of the range back. Carefully attempt to tilt range forward. When properly installed, the range should not tilt forward.

Refer to the anti-tip bracket installation instructions supplied with your range for proper installation.

## IMPORTANT SAFETY INSTRUCTIONS

### IMPORTANT INSTRUCTIONS FOR UNPACKING AND INSTALLATION

**IMPORTANT** - Read and follow the below instructions and precautions for unpacking, installing, and servicing your appliance:

Remove all tape and packaging before using the appliance. Destroy the carton and plastic bags after unpacking the appliance. Never allow children to play with packaging material. Do not remove the wiring label and other literature attached to the appliance. Do not remove model/serial number plate.

Cold temperatures can damage the electronic control. When using this appliance for the first time, or when the appliance has not been used for an extended period of time, be sure the appliance has been in temperatures above 32°F (0°C) for at least 3 hours before turning on the power to the appliance.

Never modify or alter the construction of the appliance by removing the leveling legs, panels, wire covers, anti-tip brackets/screws, or any other part of the appliance.

Be sure to have an appropriate foam-type fire extinguisher available, visible, and easily accessible located near the appliance.

### GROUNDING INSTRUCTIONS

#### **WARNING**

Avoid fire hazard or electrical shock. Failure to follow this warning may cause serious injury, fire, or death.

Avoid fire hazard or electrical shock. Do not use an adapter plug, use an extension cord, or remove grounding prong from the power cord. Failure to follow this warning may cause serious injury, fire, or death.

**Proper Installation**—Be sure your appliance is properly installed and grounded by a qualified technician. In the United States, install in accordance with the National Fuel Gas Code ANSI Z223.1/NPFA No. 54, latest edition and National Electrical Code NFPA No. 70 latest edition, and local electrical code requirements. In Canada, install in accordance with CAN/CGA B149.1 and CAN/CGA B149.2 and CSA Standard C22.1, Canadian Electrical code, Part 1-latest editions and local electrical code requirements. Install only per installation instructions provided in the literature package for this appliance.

For personal safety, this appliance must be properly grounded. For maximum safety, the power cord must be securely connected to an electrical outlet or junction box that is the correct voltage, is correctly polarized and properly grounded, and protected by a circuit breaker in accordance with local codes.

It is the personal responsibility of the consumer to have the appropriate outlet or junction box with the correct, properly grounded wall receptacle installed by a qualified electrician. It is the responsibility and obligation of the consumer to contact a qualified installer to assure that the electrical installation is adequate and is in conformance with all local codes and ordinances.

## IMPORTANT SAFETY INSTRUCTIONS

### IMPORTANT INSTRUCTIONS FOR USING THE APPLIANCE

#### WARNING

**Storage In or On Appliance**—Flammable materials should not be stored in an oven or microwave, near surface burners or elements, or in the storage or warmer drawer (if equipped). This includes paper, plastic, and cloth items, such as cookbooks, plastic ware, and towels, as well as flammable liquids. Do not store explosives, such as aerosol cans, on or near the appliance.

**Do not leave children alone** - Children should not be left alone or unattended in the area where appliance is in use. They should never be allowed to sit or stand on any part of the appliance, including the storage drawer, lower broiler drawer, warmer drawer, or lower double oven.

Do not store items of interest to children in the cabinets above the appliance or on the backguards of ranges. Children climbing on or near the appliance to reach items could be seriously injured.

Do not allow children to climb or play around the appliance. The weight of a child on an open over door may cause the appliance to tip, resulting in serious burns or other injury. An open drawer when hot may cause burns.

Stepping, leaning, or sitting on the door or drawers of this appliance can result in serious injuries and also cause damage to the appliance.

Never cover any slots, holes, or passages in the oven bottom or cover an entire oven rack with any materials, such as aluminum foil or after-market oven liners. Aluminum foil and other liners may trap heat, causing a fire hazard.

Do not use oven or warmer drawer (if equipped) for storage.

#### WARNING

Never use your appliance as a space heater to heat or warm the room. Doing so may result in carbon monoxide poisoning and overheating of the appliance.

#### CAUTION

When heating fat or grease, watch it closely. Grease may catch fire if it becomes too hot.

Do not use water or flour on grease fires. Smother fire or flame or use dry chemical or foam-type extinguisher. Cover the fire with a pan lid or use baking soda.

Use dry potholders. Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholders touch hot cooking areas. Do not use towels or other bulky cloths.

Do not heat unopened food containers - Build-up of pressure may cause container to burst and result in injury.

Wear proper apparel - Loose-fitting or hanging garments should never be worn while using the appliance. Do not let clothing or other flammable materials contact hot surfaces.

Do not touch surface burners or elements, areas near these burners or elements, interior surfaces of the oven, or the warmer drawer (if equipped). Surface burners and elements may be hot even though they appear cool. Areas near surface burners and elements may become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials touch these areas until they are cool. These areas may include the cooktop, surfaces facing the cooktop, oven vent areas, oven door, and oven window.

## IMPORTANT SAFETY INSTRUCTIONS

### CAUTION

Do not attempt to operate the appliance during a power failure. If the power fails, always turn off the appliance. If the appliance is not turned off and the power resumes, electric surface elements may resume operation when power is restored. Once the power resumes, reset the clock and the oven function.

### IMPORTANT INSTRUCTIONS FOR USING YOUR RADIANT COOKTOP

Know which knob or key controls each surface heating area. Place cookware with food on the cooking area before turning it on. Turn the cooking area off before removing the cookware.

Cookware handles should be turned inward and not extend over adjacent surface elements — To reduce the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the utensil, the handle of the cookware should be positioned so that it is turned inward, and does not extend over other cooking areas.

Use proper pan size - This appliance is equipped with one or more surface units of different sizes. Select cookware with flat bottoms that match the surface unit size. Using the proper cookware on the cooking area will improve efficiency.

Glazed cooking utensils— Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for cooktop service without breaking due to the sudden change in temperature. Check the manufacturer's recommendations for cooktop use.

Improper cookware may break due to sudden changes in temperature. Check the cookware manufacturer's recommendations for cooktop use.

Never leave surface elements unattended. Boil-overs may cause smoking and greasy spills that may ignite. A pan that has boiled dry could be damaged and may damage the cooktop.

Do not use a searing grill meant for use with a broiler pan on the cooktop. The searing grill is not designed for use on the cooktop. Doing so may result in a fire.

When you are flaming foods under a ventilating hood, turn on the fan.

## IMPORTANT SAFETY INSTRUCTIONS

### IMPORTANT INSTRUCTIONS FOR GLASS AND CERAMIC COOKTOPS

Do Not Clean or Operate a Broken Cooktop. If cooktop should break, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. Contact a qualified technician immediately.

Clean cooktop glass with caution. If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid a steam burn. Some cleaners can produce harmful fumes if applied to a hot surface.

Avoid scratching the cooktop glass with sharp objects.

### IMPORTANT INSTRUCTIONS FOR USING YOUR OVEN

Protective liners—Do not use aluminum foil, aftermarket oven liners, or any other materials or devices to line oven bottom, oven racks, or any other part of the appliance. Only use aluminum as recommended for baking, such as lining cookware or as a cover placed on food. Any other use of protective liners or aluminum foil may result in a risk of electric shock or fire or a short circuit.

Use care when opening oven door, lower oven door, or warmer drawer (some models). Stand to the side of the appliance when opening the door of a hot oven. Let hot air or steam escape before you remove or replace food in the oven.

Keep oven vent ducts unobstructed. Touching surfaces in this area when the oven is on may cause severe burns. Do not place plastic or heat-sensitive items on or near the oven vent. These items can melt or ignite.

Placement of oven racks - Always place oven racks in desired location while oven is cool. If rack must be moved while oven is hot, do not let potholder contact hot burner or element in oven. Use potholders and grasp the rack with both hands to reposition. Remove all cookware and utensils before moving the rack.

Do not use a broiler pan without its insert. Broiler pans and inserts allow dripping fat to drain away from the high heat of the broiler. Do not cover the broiler insert with aluminum foil; exposed fat and grease could ignite.

Do not cook food on the oven bottom. Always cook in proper cookware and always use the oven racks.

### IMPORTANT INSTRUCTIONS FOR CLEANING YOUR APPLIANCE

#### CAUTION

Before manually cleaning any part of the appliance, be sure all controls are turned off and the appliance is cool. Cleaning a hot appliance can cause burns.

Clean the appliance regularly to keep all parts free of grease that could catch fire. Do not allow grease to accumulate. Greasy deposits in the fan could catch fire.

Always follow the manufacturer's recommended directions for use of kitchen cleaners and aerosols. Be aware that excess residue from cleaners and aerosols may ignite causing damage and injury.

Clean ventilating hoods frequently - Grease should not be allowed to accumulate on hood or filter. Follow the manufacturer's instructions for cleaning vent hoods.

## IMPORTANT SAFETY INSTRUCTIONS

### IMPORTANT INSTRUCTIONS FOR SELF CLEANING OVENS

Do not clean the oven door gasket. The door gasket is essential for a good seal. Care should be taken not to rub, damage, or move the gasket.

Do not use oven cleaners. No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the appliance.

Use the self clean cycle to clean only the parts listed in this manual.

Before using self clean, remove the broiler pan, any food, utensils, and cookware from the oven, storage drawer or warming drawer (if equipped). Remove oven racks unless otherwise instructed.

Some birds are extremely sensitive to the fumes given off during the self clean cycle of any oven. Move birds to another well-ventilated room.

### IMPORTANT INSTRUCTIONS FOR SERVICE AND MAINTENANCE

Do not repair or replace any part of the appliance unless specifically recommended in the manuals. All other servicing should be done only by a qualified technician. This reduces the risk of personal injury and damage to the appliance.

Always contact your dealer, distributor, service agent, or manufacturer about problems or conditions you do not understand.

Ask your dealer to recommend a qualified technician and an authorized repair service. Know how to disconnect the power to the appliance at the circuit breaker or fuse box in case of an emergency.

Remove the oven door from any unused oven if it is to be stored or discarded.

Do not touch a hot oven light bulb with a damp cloth. Doing so could cause the bulb to break. Handle halogen lights (if equipped) with paper towels or soft gloves. Disconnect the appliance or shut off the power to the appliance before removing and replacing the bulb.



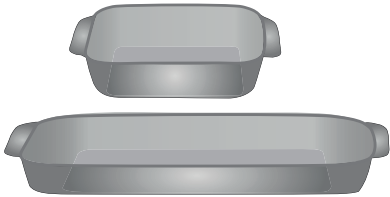
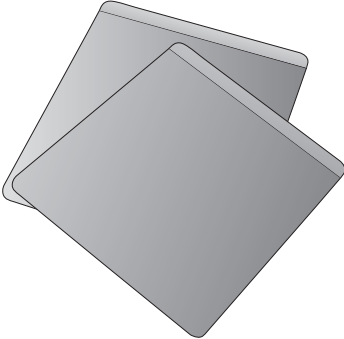
**Important Safety Notice** - The California Safe Drinking Water and Toxic Enforcement Act requires the governor of California to publish a list of substances known to cause cancer, birth defects, or other reproductive harms, and requires businesses to warn customers of potential exposures to such substances.



## COOKING RECOMMENDATIONS

### Bakeware

The material of bakeware affects how evenly and quickly it transfers heat from the pan to the food.

Material	Attributes	Recommendation
Shiny metal bakeware 	Shiny, aluminum, and non-coated bakeware is the best for even heating. It is suitable for all baked goods.	Recommended cooking temperatures and times are based on shiny metal bakeware.
Dark metal bakeware 	Dark bakeware cooks hotter than shiny bakeware.	Reduce the cooking temperature by 25° F (13-14° C) when using dark bakeware.
Glass bakeware 	Glass bakeware cooks hotter than shiny bakeware.  Glass is convenient, as the same piece of bakeware can be used for cooking, serving, and storing food.	Reduce the cooking temperature by 25° F (13-14° C) when using glass bakeware.
Insulated bakeware 	Insulated bakeware cooks cooler than shiny bakeware.  Insulated bakeware is designed for baking in gas ovens.	Increase the cooking temperature by 25° F (13-14° C) when using insulated bakeware.

# COOKING RECOMMENDATIONS

## Cooking Conditions

Conditions in your kitchen can affect the performance of your appliance when cooking food.

Condition	Attributes	Recommendation
Aging cookware	As pans age and become discolored, cooking times may need to be reduced slightly.	If food is too dark or overcooked, use the minimum cook time in the recipe or packaging. If food is too light or undercooked, use the middle to maximum cook time in the recipe or packaging.
High altitude	Air is drier and air pressure is lower.  Water boils at a lower temperature, and liquids evaporate faster.  Foods may take longer to bake.  Doughs may rise faster.	Adjust cooking temperature, cooking time, or recipes as needed.  Increase amount of liquid in baking recipes. Increase cook time on cooktop. Cover dishes to reduce evaporation.  Increase bake time or oven temperature.  Reduce amount of baking soda or baking powder in recipe. Reduce rising time or punch down dough and allow it to rise twice.

## Cooking Results

Small adjustments may fix a problem with food not being as done as you like or more done than you like.

Result	Recommendation
Food too light	Use the middle to maximum cook time recommended on packaging or recipe.
Food too dark	Use the minimum cook time recommended on packaging or recipe.

## Cooking Tips

Use these additional tips to get the best results from your appliance.

Cooking	Tips
<b>Baking</b>	
Rack placement	Follow the instructions in Oven Controls on starting on page 25. When using only one rack, place the rack so the food is in the center of the oven.
Preheat	Fully preheat the oven before baking items like cookies, cakes, biscuits and breads. Insert food immediately after the beep.
Checking food	Use the window and oven light when checking food. Opening the door may reduce baking performance.
Bake or Convection Bake	Convection bake is the best function to use for baking on multiple racks.

## COOKING RECOMMENDATIONS

Cooking	Tips
Food placement	Allow at least 2 inches (5 cm) of space between bakeware for proper air circulation.
<b>Broiling / Roasting</b>	
Broiling pan	<p>For best results when broiling, use a broil pan with a broil pan insert designed to drain the fat from the food, help avoid spatter, and reduce smoking. The broiler pan will catch grease spills, and the insert helps prevent grease splatters.</p> <p>If a broiler pan and insert are not supplied with this appliance, they may be purchased from Frigidaire.com.</p>
<b>Convection Cooking</b>	
Convection attributes	<p>Convection cooking uses a fan to circulate hot air around the oven and food. It browns food more evenly and reduces hot spots in the oven.</p> <p>Convection saves time when using multiple racks or cooking several food items at once.</p>
Convection bake	<p>Reduce cooking temperature by 25° F (13-14° C) from the recipe unless the recipe is written for convection baking.</p> <p>Preheat the oven for best results.</p>
Convection broil	<p>Reducing the cooking temperature for convection broil is not recommended.</p> <p>Broiling is direct heat cooking and will produce some smoke. If smoke is excessive, move the food farther from the broiler element.</p>
Convection roast	<p>Convection roast is best for meats and does not require preheating for most meats and poultry.</p> <p>Reducing the cooking temperature for convection roast is not recommended. Carefully follow your recipe's temperature and time recommendations, adjusting the cooking time if the recipe does not specify convection roasting time.</p> <p>Since convection roast cooks faster, cook time may be reduced by 25% to 40% depending on food type. You can reduce cook times by 25% from the recommended time of your recipe, and check the food at this time. If needed, continue cooking until the desired doneness is obtained.</p> <p>Use a meat probe if available with your appliance. Meat probes are also available from most grocery and home goods stores.</p> <p>Arrange oven racks so large cuts of meat and poultry are on the lowest rack of the oven.</p> <p>Do not cover foods when dry roasting - covering will prevent the meat from browning properly.</p> <p>When cooking meats, use the broiler pan and insert or a roasting rack. The broiler pan will catch grease spills and the insert helps prevent grease splatters. If you do not have one of these accessories, they may be purchased from Frigidaire.com.</p>

# BEFORE SETTING SURFACE CONTROLS

## Using Proper Cookware

The size and type of cookware used will influence the heat setting needed for best cooking results. Be sure to follow the recommendations for using proper cookware as illustrated in Figure 1 and Figure 2.



Check for flatness by rotating a ruler across the bottom of the cookware (see Figure 1). Cookware should have flat bottoms that make good contact with the entire surface heating element (see Figure 2).

Figure 1: Testing cookware

## Cookware Material Types

The cookware material determines how evenly and quickly heat is transferred from the surface element to the pan bottom. The most popular materials available are:

- **Aluminum** - Excellent heat conductor. Some types of food will cause it to darken (Anodized aluminum cookware resists staining and pitting). If aluminum pans slide across the ceramic cooktop, they may leave metal marks which will resemble scratches. Remove these marks immediately.
- **Copper** - Excellent heat conductor but discolors easily (see Aluminum).
- **Stainless** - Slow heat conductor with uneven cooking results. Is durable, easy to clean and resists staining.
- **Cast Iron** - A slow heat conductor that will retain heat very well. Cooks evenly once cooking temperature is reached. If cast iron pans slide across the ceramic cooktop, they may leave metal marks which will resemble scratches. Remove these marks immediately.
- **Porcelain-enamel on metal** - Heating characteristics will vary depending on base material. Porcelain-enamel coating must be smooth to avoid scratching ceramic cooktops.
- **Glass** - Slow heat conductor. Not recommended for ceramic cooktop surfaces because it may scratch the glass.

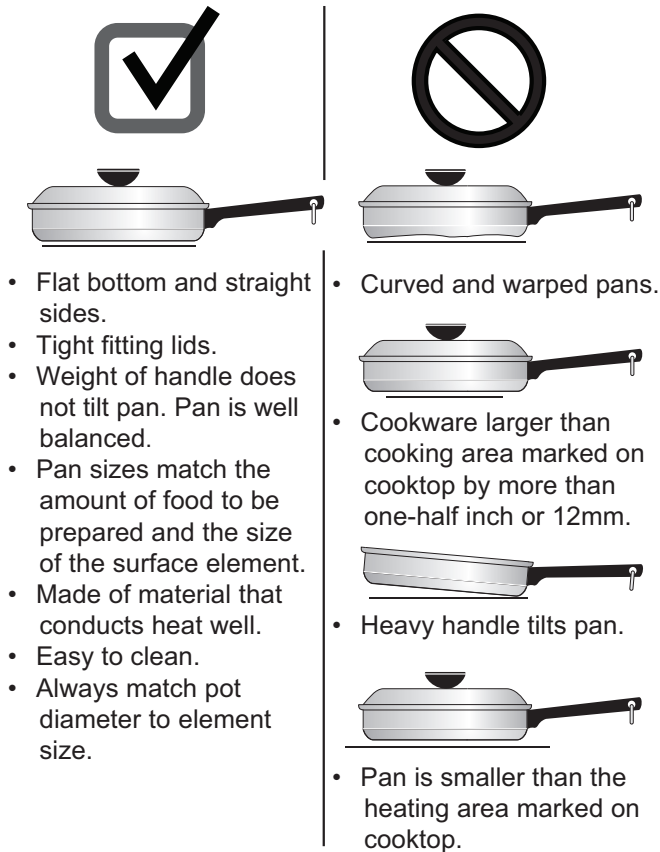


Figure 2: Proper cookware

## IMPORTANT

Do not place empty aluminum, glass, or porcelain-enamel coated cookware on the ceramic cooktop. The melting point of cookware made with these materials may be reached quickly, especially if left empty, and they may bond to the ceramic cooktop. If the cookware melts it will damage the cooktop. Follow all the cookware manufacturer's recommendations for use and care of cookware.

## BEFORE SETTING SURFACE CONTROLS

### About the Ceramic Glass Cooktop

The ceramic glass cooktop has heating elements below a smooth glass surface. The designs on the ceramic cooktop outline the areas of the surface elements underneath. Always match the pan size with the diameter of the element outline on the cooktop. Only flat-bottomed cookware should be used.

Prior to using your cooktop for the first time, apply a ceramic cooktop cleaning cream (available in most hardware, grocery and department stores) to the ceramic surface. Clean and buff with a clean paper towel. This will make cleaning easier when soiled from cooking. Cooktop cleaning creams leave a protective finish on the glass to help prevent scratches and abrasions.

The type and size of cookware, the number of surface elements in use, and their settings will all affect the amount of heat that will spread to areas beyond the surface elements. **The areas surrounding the elements may become hot enough to cause burns.**

### ➔ IMPORTANT

- The cooktop should not be used as a cutting board or work surface.
- Dropping heavy or hard objects on the cooktop may crack it.
- Placing food directly on the smoothtop surface (without a cooking utensil) is not recommended, as difficult cleaning will result, and foods may smoke and cause potential fire hazard.
- Always lift cookware before moving on the ceramic glass cooktop. Any cookware that has a rough or dirty bottom can scratch the ceramic cooktop. Always start with clean cookware.

### 📌 NOTE

White glass cooktops only - Due to the high intensity of heat generated by the surface elements, the glass surface may discolor when the element is turned off. This is normal and the glass will return to its original white color after it has completely cooled down.

### About the Radiant Surface Elements

The element temperature rises gradually and evenly. As the temperature rises, the element will glow red. To maintain the selected setting the element will cycle on and off. The heating element retains enough heat to provide a uniform and consistent heat during the off cycle.

For efficient cooking, turn the element off several minutes before cooking is complete. This will allow residual heat to complete the cooking process.

### ⚠ CAUTION

- Surface elements may appear to have cooled after they have been turned off. **The element surface may still be hot**, and burns may occur if the element or surrounding area is touched before it has cooled to a safe temperature.
- **Do not** place flammable items such as plastic salt and pepper shakers, spoon holders, or plastic wrapping on top of the range when it is in use. These items could melt or ignite. Potholders, towels, or wooden spoons could catch fire if placed too close to the surface elements.
- **Do not** allow aluminum foil, or any material that can melt, to make contact with the ceramic glass cooktop. If these items melt on the cooktop, they will damage the ceramic cooktop.

### 📌 NOTE

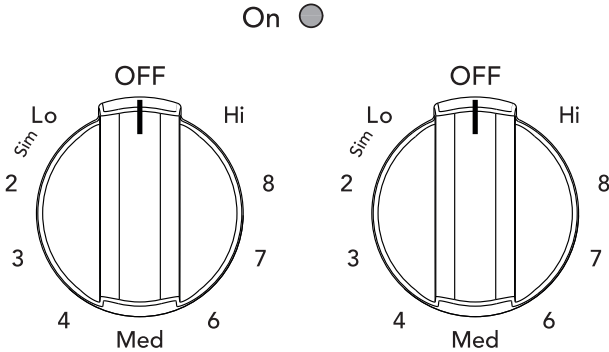
Radiant elements have a limiter that allows the element to cycle on and off, even at the HI setting. This helps to prevent damage to the ceramic smooth top. Cycling at the HI setting is normal and can occur if the cookware is too small for the radiant element or if the cookware bottom is not flat.

Be sure to read detailed instructions for ceramic glass cooktop cleaning in the Care and Cleaning section and Before You Call checklist section of this *Use and Care Guide*.

# BEFORE SETTING SURFACE CONTROLS

## Element On and Hot Surface Indicator Lights

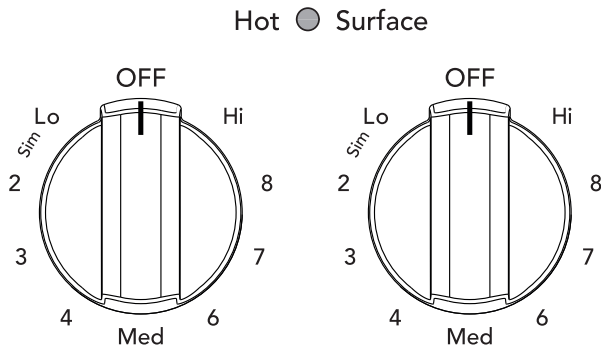
The ELEMENT ON indicator light will turn on when one or more elements are turned on.



**Figure 3: On indicator light**

A quick glance at this indicator light when cooking is finished is an easy check to be sure all surface elements are turned off.

The HOT SURFACE indicator light will turn on when the burner is hot enough to cause burns and will remain on after the burner is turned off until the surface has cooled to a safe temperature.

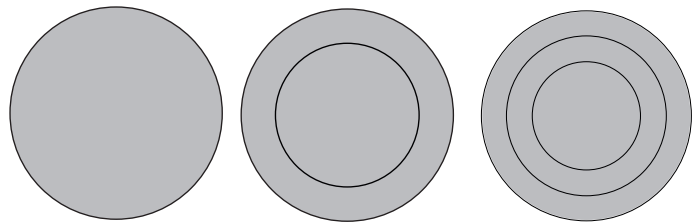


**Figure 4: Hot surface indicator light**

## Types of ceramic cooktop elements

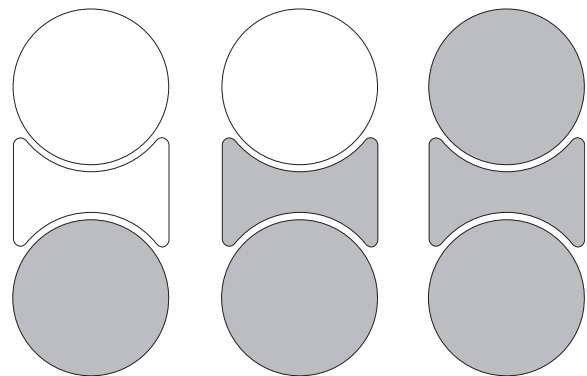
The circles on the ceramic glass cooktop outline the size and type of element underneath. The elements on your cooktop depend on the model.

- A single radiant element has one circle.
- A dual radiant element (some models) has two circles. The dual radiant element may be set using only the smaller inner element or both inner and outer elements may be set to heat together for a larger surface.
- A triple radiant element (some models) has three circles. The element may be set using only the inner element, the inner and middle elements, or all three elements together.
- Dual and triple elements allow more flexibility with the size of cookware.



**Figure 5: Single, double, and triple elements**

- A keep warm element (some models) has one small circle. It is used to keep food warm after cooking. The keep warm element is not designed to cook food.
- A bridge element (some models) creates a long heating area between two single elements. The bridge element is designed for use with a griddle accessory.



**Figure 6: Bridge element**

## SETTING SURFACE CONTROLS

### Single radiant surface elements (all models)

To operate the single radiant element:

1. Place correctly sized cookware on surface element.
2. Push in and turn the surface control knob in either direction (Figure 7) to the desired setting (refer to the “Suggested radiant surface element settings” in Table 1).
3. When cooking is complete, turn the radiant surface element OFF before removing the cookware.

Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking. The surface control knobs do not have to be set exactly on a particular spot. Use the graphics provided as a guide and adjust the control knob as needed (see Figure 7).

A glowing red surface heating area extending beyond the bottom edge of the cookware indicates the cookware is too small for the surface heating area.

### Suggested radiant surface element settings

The suggested settings found in Table 1 below are based on cooking with medium-weight aluminum pans with lids. Settings may vary when using other types of pans.

Settings	Type of Cooktop
High (HI - 9)	Start most foods, bring water to a boil, pan broiling
Medium High (7 - 8)	Continue a rapid boil, fry, deep fat fry
Medium (5 - 6)	Maintain a slow boil, thicken sauces and gravies or steam vegetables
Medium Low (2 - 4)	Keep foods cooking, poach, stew
Low (1)	Low temperature cooking
Low (LO)	Keep warm, melt

Table 1: Suggested radiant surface element settings

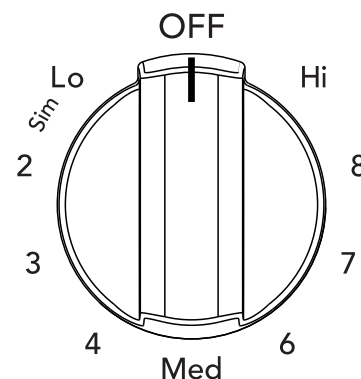


Figure 7: Single element knob

### CAUTION

- Radiant surface elements may appear to have cooled after they have been turned off. **The glass surface may still be hot** and burns may occur if the glass surface is touched before it has cooled sufficiently.
- **Do not** place flammable items such as plastic salt and pepper shakers, spoon holders, or plastic wrappings on top of the range when it is in use. These items could melt or ignite. Potholders, towels, or wooden spoons could catch fire if placed too close to the surface elements.

### NOTE

- The size and type of utensil used, and the amount and type of food being cooked will influence the setting needed for best cooking results.
- The Element ON indicator lights will turn on when one or more elements are turned ON. A quick glance at these indicator lights when finished cooking is an easy check to be sure all control knobs are turned OFF. The Hot Surface indicator light will remain on AFTER the control knob is turned to the “OFF” position and will stay on until the heating surface area has cooled sufficiently.

### IMPORTANT

Do not allow aluminum foil or ANY material that can melt to make contact with the ceramic glass cooktop. If these items melt on the cooktop, they will damage the ceramic cooktop.

## SETTING SURFACE CONTROLS

### Dual radiant surface elements (some models)

Symbols on the backguard will help choose which portion of the dual radiant element to set. The ○ symbol indicates a setting for the inner element only. The ⊙ symbol indicates a setting for both inner and outer elements.

#### To operate a dual radiant element:

1. Place correctly sized cookware on the surface element.
2. Push in and turn the surface control knob clockwise to begin heating both the inner and outer elements. If only the inner element is needed for smaller cookware, push in and turn the knob counter-clockwise (see Figure 8).
3. When cooking is complete, turn the knob to OFF before removing the cookware.

Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking. The surface control knobs do not have to be set exactly on a particular mark. Use the marks as a guide and adjust the control knob as needed.

A glowing red surface heating area extending beyond the bottom edge of the cookware indicates the cookware is too small for the surface heating area.

You may switch from either single or dual element setting at any time during cooking. See “Suggested radiant surface element settings” on page 15.

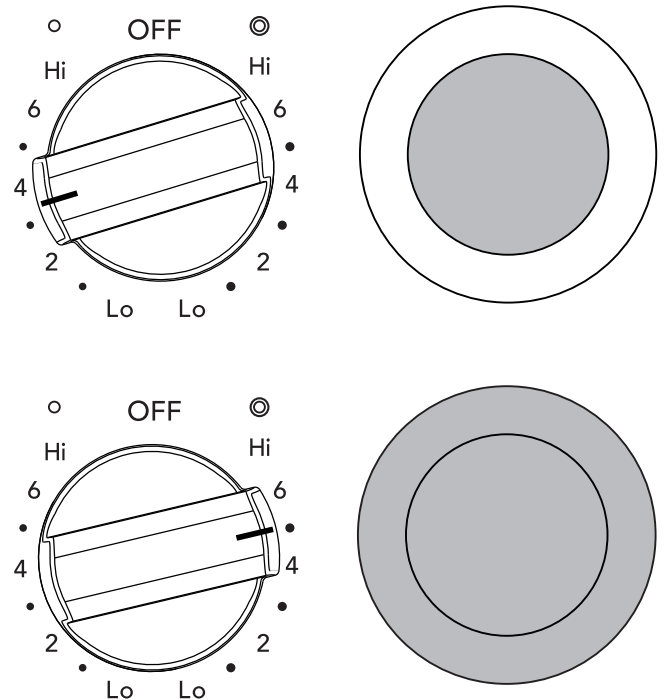


Figure 8: Dual element knob settings

### CAUTION

- Radiant surface elements may appear to have cooled after they have been turned off. **The glass surface may still be hot** and burns may occur if the glass surface is touched before it has cooled sufficiently.
- **Do not** place flammable items such as plastic salt and pepper shakers, spoon holders or plastic wrappings on top of the range when it is in use. These items could melt or ignite. Potholders, towels or wooden spoons could catch fire if placed too close to the surface elements.

### IMPORTANT

Do not allow aluminum foil or ANY material that can melt to make contact with the ceramic glass cooktop. If these items melt on the cooktop, they will damage the ceramic cooktop.

### NOTE

- The size and type of utensil used and the amount and type of food being cooked will influence the setting needed for best cooking results.
- The Element ON indicator lights will turn on when one or more elements are turned ON. A quick glance at these indicator lights when finished cooking is an easy check to be sure all control knobs are turned OFF. The Hot Surface indicator light will remain on AFTER the control knob is turned to the “OFF” position and will stay on until the heating surface area has cooled sufficiently.



## SETTING SURFACE CONTROLS

### Triple Surface Radiant Element (some models)

Symbols around the knob are used to indicate which element of the triple radiant element will heat. The ○ symbol indicates that only the inner element will heat. The ◎ symbol indicates that the inner and middle elements will heat. The ⊙ symbol indicates that the inner, middle and outer elements will heat (Figure 9). You may switch the element setting at any time during cooking.

#### To Operate the Triple Surface Element

1. Place correctly sized cookware on the triple surface element.
2. Push in and turn the control knob to the inner element symbol for smaller cookware or to the inner and middle element symbol for average cookware or to the inner, middle, and outer element symbol for large cookware (Figure 9). Turn the knob to adjust the setting if needed.
3. When cooking has completed, turn the surface control knob to OFF before removing the cookware.

Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking.

A glowing red surface heating area extending beyond the bottom edge of the cookware indicates the cookware is too small for the surface heating area.

You may switch to the single, dual, or triple element setting at any time during cooking. See “Suggested radiant surface element settings” on page 15.

### CAUTION

- Radiant surface elements may appear to have cooled after they have been turned off. **The glass surface may still be hot** and burns may occur if the glass surface is touched before it has cooled sufficiently.
- **Do not** place flammable items such as plastic salt and pepper shakers, spoon holders, or plastic wrappings on top of the range when it is in use. These items could melt or ignite. Potholders, towels, or wooden spoons could catch fire if placed too close to the surface elements.

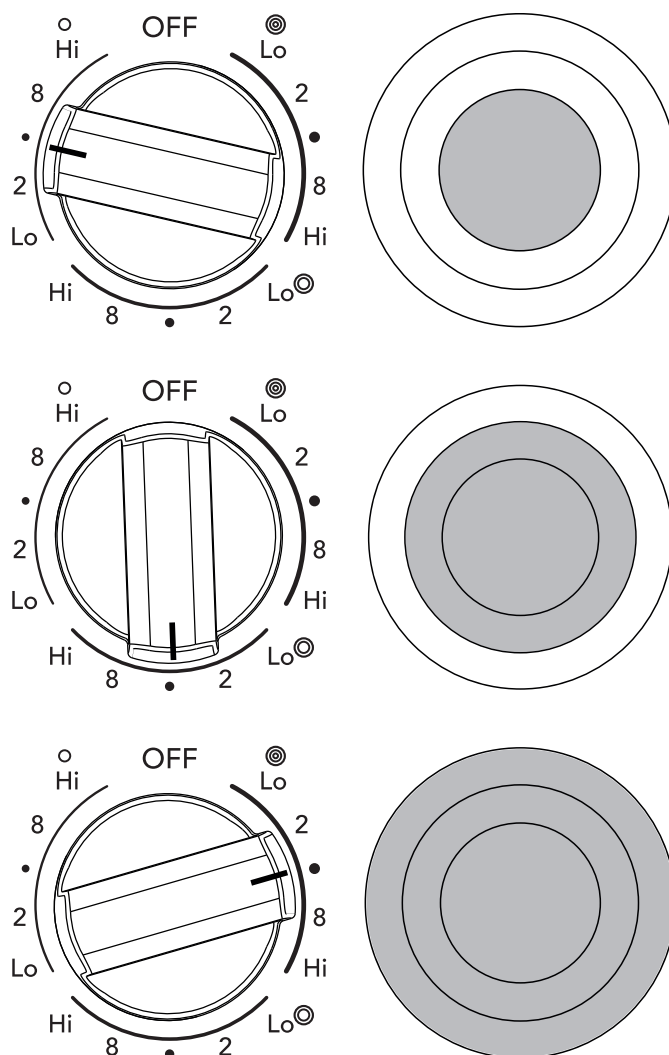


Figure 9: Triple element knob settings

### IMPORTANT

Do not allow aluminum foil or ANY material that can melt to make contact with the ceramic glass cooktop. If these items melt on the cooktop, they will damage the ceramic cooktop.

## SETTING SURFACE CONTROLS

### Bridge Radiant Element (some models)

Some models include a bridge element for long cookware (such as a griddle, see [Figure 11](#)) to extend across two circular surface elements. Symbols around the knob are used to indicate whether the single element or the single element and bridge element will heat.

- The ○ symbol indicates that only the front circular element will heat.
- The ☺ symbol indicates that the front element and the bridge element will both heat.

You may switch the element setting at any time during cooking.

#### To Operate the Bridge Element

1. Place correctly sized cookware (griddle) on the cooktop with the bridge element under the middle.
2. Push in and turn the control knob to the circular element symbol for regular cookware or to element and bridge symbol for extended cookware designed for use on multiple elements (see [Figure 10](#)).
3. Allow the griddle to heat for a few minutes when cooking items that require a preheated surface such as pancakes and eggs. The two elements will work together with the bridge element to provide even heating.
4. When cooking has completed, turn the surface control knob to OFF before removing the cookware.

Turn the knob to adjust the setting if needed. Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking.

A glowing red surface heating area extending beyond the bottom edge of the cookware indicates the cookware is too small for the surface heating area.

### NOTES

The bridge element knob controls one element and the bridge element. It does not control the adjacent single element. The adjacent element must be adjusted with its own knob.

See [“Suggested radiant surface element settings”](#) on [page 15](#).

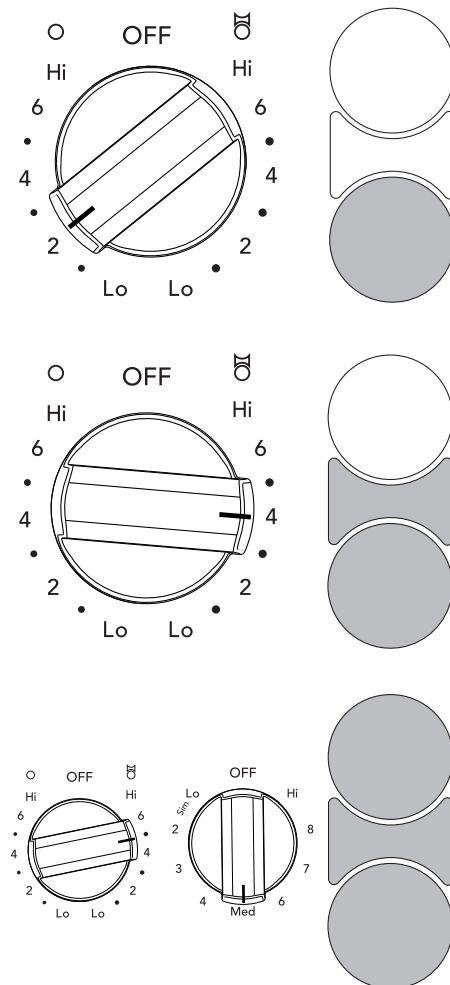


Figure 10: Bridge element knob settings

### ➔ IMPORTANT

NEVER place or straddle a cooking utensil over two different surface cooking areas at the same time unless the cooktop has a bridge element and the cookware is specifically designed for the purpose. Incorrect use may cause the ceramic cooktop to fracture.

Do not allow aluminum foil or ANY material that can melt to make contact with the ceramic glass cooktop. If these items melt on the cooktop, they will damage the ceramic cooktop.

## SETTING SURFACE CONTROLS

### Using bridge element with griddle (some models)

A griddle is a versatile accessory that is perfect for cooking foods that require large flat surfaces such as pancakes, French toast, grilled sandwiches, bacon, and also for cooking different foods at the same time.

If your appliance came with a griddle you can use this accessory to cook by using the bridge control that links the circular elements. This will provide even heating over the entire griddle surface when the rear single element is also activated.

Preheat the griddle for 5 minutes on medium to medium low setting. Slow preheat ensures even heat distribution during the cooking process. **DO NOT** preheat the griddle on HI setting. Preheating on HI may warp the griddle and prevent even heat distribution.

After use, let the griddle cool before washing. Hand wash with hot soapy water. Do not soak. Dry thoroughly. Do not put a griddle in a dishwasher.

If you would like to purchase a griddle, you can order one from Frigidaire.com.

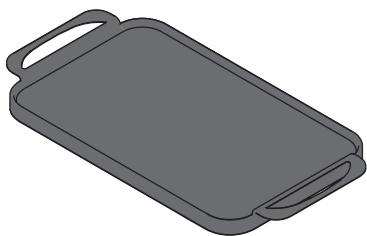


Figure 11: Griddle

### ! CAUTION

- The griddle should be placed carefully over the bridge elements. When the bridge control is activated along with the rear single element, they combine to heat the whole surface of the griddle.
- **The griddle will be very hot.** Always use oven mitts when handling the griddle during and after cooking. The griddle may appear to have cooled, but the residual heat can cause burns. Allow the griddle to cool for several minutes after the bridge has been turned off.

### ➔ IMPORTANT

Do not allow aluminum foil or ANY material that can melt to make contact with the ceramic glass cooktop. If these items melt on the cooktop, they will damage the ceramic cooktop.

#### Important notes:

- Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking.
- For efficient cooking, turn the element off several minutes before cooking is complete. This will allow residual heat to complete the cooking process.
- The surface control knobs do not have to be set exactly on a particular spot. Use the graphics provided as a guide and adjust the control knob as needed. Each surface element provides a constant amount of heat at each setting.

### ! CAUTION

Radiant surface elements may appear to have cooled after they have been turned off. **The glass surface may still be hot** and burns may occur if the glass surface is touched before it has cooled sufficiently.

**Do not** place flammable items such as plastic salt and pepper shakers, spoon holders, or plastic wrappings on top of the range when it is in use. These items could melt or ignite. Potholders, towels, or wooden spoons could catch fire if placed too close to the surface elements.

## SETTING SURFACE CONTROLS

### Keep warm (some models)

Use the keep warm feature to keep cooked foods hot.

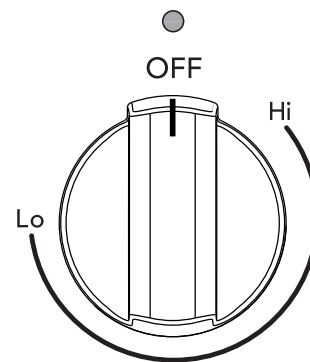
**Always start with hot food.** It is not recommended to heat cold food on the keep warm zone. All food placed on the warming zone should be covered with a lid to maintain quality.

For best results, when warming pastries or breads, the cover should have an opening to allow moisture to escape.

**Do not use plastic wrap to cover food. Plastic may melt onto the surface and be very difficult to clean.** Use only dishware, utensils, and cookware recommended for oven and cooktop use on the keep warm zone.

#### Setting the keep warm control:

1. Push in the knob and turn in either direction (see [Figure 12](#)). The temperatures are designated by hi and lo. However, the control can be set at any position between hi and lo for different levels of warming.
2. When ready to serve, turn the control to OFF. The hot surface indicator light will remain on until the warm zone cools.



**Figure 12: Keep warm knob**

**Temperature selection** - Refer to the recommended keep warm zone settings table (see [Table 2](#)). If a particular food is not listed, start with the medium level and adjust as needed. Most foods can be kept at serving temperatures by using the medium level.

Food Item	Heating Level
Breads/Pastries	LO (Low)
Casseroles	LO (Low)
Dinner Plates with Food	LO (Low)
Eggs	LO (Low)
Gravies	LO (Low)
Meats	MED (Medium)
Sauces	MED (Medium)
Soups (cream)	MED (Medium)
Stews	MED (Medium)
Vegetables	MED (Medium)
Fried Foods	HI (High)
Hot Beverages	HI (High)
Soups (liquid)	HI (High)

**Table 2: Recommended keep warm zone settings**

### CAUTION

- Unlike the surface elements, the keep warm zone will not glow red when it is hot. To avoid burns always use potholders or oven mitts when removing food from the cooktop, including the keep warm zone, as cookware and plates will be hot.
- Radiant surface elements may appear to have cooled after they have been turned off. **The glass surface may still be hot** and burns may occur if the glass surface is touched before it has cooled sufficiently.
- **Do not** place flammable items such as plastic salt and pepper shakers, spoon holders, or plastic wrappings on the cooktop when it is in use. These items could melt or ignite. Potholders, towels, or wooden spoons could catch fire if placed too close to the surface elements.

### IMPORTANT

Do not allow aluminum foil or ANY material that can melt to make contact with the ceramic glass cooktop. If these items melt on the cooktop, they will damage the ceramic cooktop.

### Home Canning

Be sure to read and observe all the following points when home canning with your appliance. Check with the USDA (United States Department of Agriculture) Web site and be sure to read all the information they have available as well as follow their recommendations for home canning procedures.

- Use only a completely flat bottom canner with no ridges that radiate from the bottom center when home canning. Heat is spread more evenly when the bottom surface is flat. Use a straight-edge to check canner bottom.
- Make sure the diameter of the canner does not exceed 1 inch beyond the surface element markings or burner.
- It is recommended to use smaller diameter canners on electric coil and ceramic glass cooktops and to center canners on the burner grates.
- Start with hot tap water to bring water to boil more quickly.
- Use the highest heat setting when first bringing the water to a boil. Once boiling is achieved, reduce heat to lowest possible setting to maintain that boil.
- Use tested recipes and follow instructions carefully. Check with your local Cooperative Agricultural Extension Service or a manufacturer of glass jars for the latest canning information.
- It is best to can small amounts and light loads.
- Do not leave water bath or pressure canners on high heat for an extended amount of time.

## BEFORE SETTING OVEN CONTROLS

### Oven Vent Location

The oven is vented as shown below. When the oven is on, warm air is released through the vent. This venting is necessary for proper air circulation in the oven and good baking results. Do not block oven vent. Never close off the openings with aluminium foil or any other material. Steam or moisture may appear near the oven vent. This is normal.

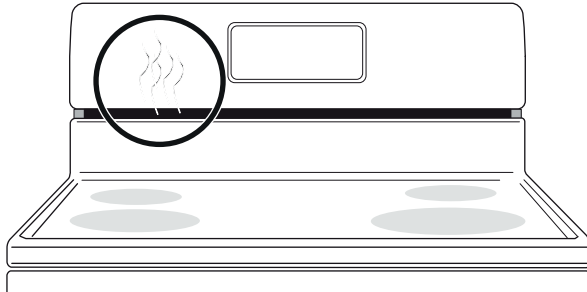


Figure 13: Oven vent

### Types of oven racks

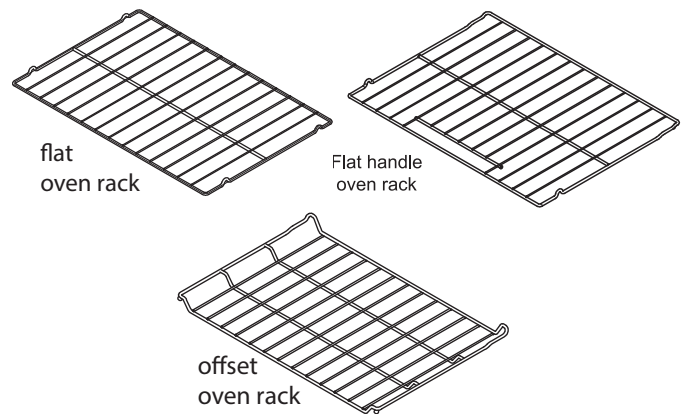


Figure 14: Oven rack types

- **Flat oven racks** may be used for most cooking needs and may be placed in most oven rack positions.
- The **offset oven rack** (some models) provides additional step down positions from the standard flat rack design. The offset design positions the base of the rack about  $\frac{1}{2}$  of a rack position lower than the flat rack and may be used in most oven rack positions. To maximize oven cooking space, place the bottom oven rack in the lowest rack position for baking or roasting large cuts of meat.

### Removing, replacing, and arranging flat or offset oven racks

Always arrange the oven racks when the oven is cool.

**To remove** - Pull the oven rack straight forward until it reaches the stop position. Lift up front of oven rack slightly and slide out.

**To replace** - Place the oven rack on the rack guides on both sides of oven walls. Tilt the front of oven rack upward slightly and slide the oven rack back into place. Be sure oven racks are level before using.

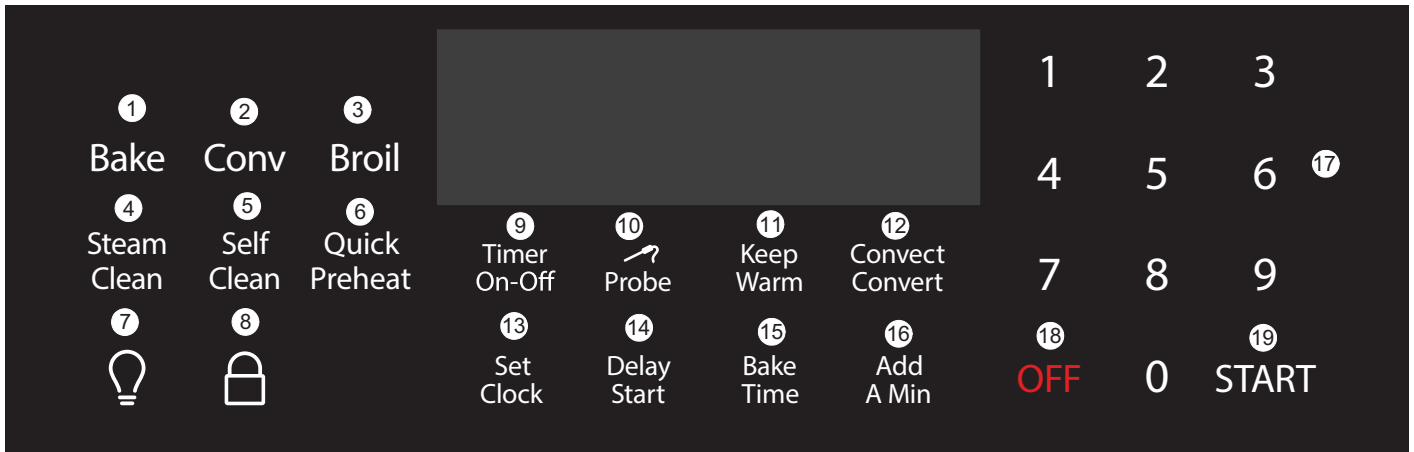
### WARNING

Protective Liners — **Do not** use aluminum foil or any other material or liners to line the oven bottom, walls, racks or any other part of the range. Doing so will alter the heat distribution, produce poor baking results, and possibly cause permanent damage to the oven interior. Improper installation of these liners may result in risk of electric shock or fire. During self clean, temperatures in the oven will be hot enough to melt foil.

### CAUTION

- Always use pot holders or oven mitts when using the oven. When cooking, the oven interior, oven exterior, oven racks, and cooktop will become very hot which can cause burns.
- Remove all oven racks before starting a self clean cycle. If oven racks are left inside the oven during a cleaning cycle, the slide ability of the oven racks may be damaged and all of the oven racks will lose their shiny finish.
- To prevent possible damage to the oven, do not attempt to close the oven door until all the oven racks are fully positioned back inside the oven cavity.

## SETTING OVEN CONTROLS



### Oven Control Features

1. **Bake** - Use to select bake feature.
2. **Conv** - Use to set convection bake, convection roast, or convection broil.
3. **Broil** - Use to set Broil feature.
4. **Steam Clean** - The Steam Clean feature offers a time saving method for cleaning light soils.
5. **Self Clean** - Use with arrow keys to set self-clean cycle of 2, 3, or 4hrs.
6. **Quick Preheat** - Use to preheat oven before baking.
7. **Oven Light** - Use to turn on internal light. Will turn on when the oven door is open.
8. **Oven Lock** - Use to lock out oven controls.
9. **Timer on-off** - Use to set or cancel the minute timer. The minute timer does not start or stop any cooking function.
10. **Probe** - Use to set and adjust temperatures when using probe.
11. **Keep Warm** - Use to keep cooked foods at serving temperature.
12. **Convection Convert** - Use to change standard bake recipe to a convection bake recipe.
13. **Set Clock** - Use set the time of day
14. **Delay Start** - Add to quick preheat, bake, Conv (bake, roast, and broil), Convection Convert and Self Clean to program a Delay Start.

15. **Bake Time** - Use to set length of baking time desired.
16. **Add A Min** -Use to add additional minutes to the timer.
17. **OFF** - Use to clear any feature except the time of day and minute timer.
18. **0 through 9 keys** - Use to set temperature and time.
19. **START** - Use to start most oven features..

Feature	Mode	Min.Temp. / Time	Max Temp. /Time
Preheat		170°F (77°C)	550°F (288°C)
Bake		170°F (77°C)	550°F (288°C)
Broil		400°F (205°C)	550°F (288°C)
Conv Broil		400°F (205°C)	550°F (288°C)
Conv Bake		170°F (77°C)	550°F (288°C)
Conv Roast		300°F (148°C)	550°F (288°C)
Probe		140°F (60°C)	210°F (99°C)
Timer		0:01 Min. 0:01 Min	11:59 Hr./Min. 11:59 Hr./Min.
Clock Time	12 Hr. 24 Hr.	1:00 Hr./Min. 0:00 Min	12:59 Hr./Min. 23:59 Hr./Min.
Delay Start	12 Hr. 24 Hr.	1:00 Hr./Min. 0:00 Min	12:59 Hr./Min. 23:59 Hr./Min
Bake Time	12 Hr. 24 Hr.	0:01 Min 0:01 Min	5:59 Hr./Min. 23:59 Hr./Min.
Self Clean		2 hours	4 hours

**Note:** An entry acceptance tone (1beep) will sound each time a key is touched (the oven lock key is delayed 3 seconds). An entry error tone (3 short beeps) will sound if the entry of the temperature or time is below the minimum or above the maximum settings for the feature.

## SETTING OVEN CONTROLS

### Setting the Clock

When the appliance is first powered up, **12:00** will flash in the display (Figure 15). The time of day must first be set before operating the oven.



Figure 15: 12:00 in display before setting the clock

#### To Set Clock to 1:30:

1. Press **Set Clock**.
2. Enter **1 3 0** using numeric keys.
3. Press **START**.

#### Important note:

The clock cannot be changed when a Bake Time, Self Clean, Delay Start, or cooking feature is active.

### Setting 12 Hour or 24 Hour display mode

The clock display mode allows you to select 12 hr or 24 hr modes. The factory pre-set clock display mode is 12 hours.

#### To set 12 hr or 24 hr display mode:

1. Press and hold **Set Clock** for 6 seconds.
2. Press **self clean** to toggle between **12 Hr day** or **24 Hr day** display modes (Figure 16).
3. Press **START** to accept the choice.



Figure 16: 12 Hr dAY and 24 Hr dAY settings

### Setting Timer

The minute timer allows you to track your cooking times without interfering with the cooking process. The timer may be set from a minimum time of 1 minute to a maximum of 11 hours and 59 minutes.

#### To set timer for 5 minutes:

1. Press **Timer on-off**.
2. Enter 5 using numeric keypad.
3. Press **START** to start the timer. When set time ends, **END** will show in the display and the control will sound a beep three times every 30 seconds until **Timer on-off** key is pressed.

To cancel the timer when active, press **Timer on-off** again.

#### Important note:

- The timer does not start or stop the cooking process. It serves as an extra minute timer that will beep when the set time has run out. The timer may be used alone or while using any of the other oven functions.
- When timer is set for more than 1 hour it will display hours and minutes until 1 hour remains. When less than 1 hour remains, the display counts down in minutes and seconds. With less than 1 minute remaining, only seconds will display.
- If the timer is active during a cooking process, the timer will show in the display. To view the status of any other active oven function, press the key of the cooking function once and it will appear in the display for a few seconds.

#### Add a Min

Use the **add a min** feature to set additional minutes to the timer. Each press of the key will add 1 additional minute. If **add a min** is pressed when the timer is not active, the timer will activate and begin counting down from 1 minute.

#### To add 2 minutes to the timer:

Press **Add a Min** twice.



## SETTING OVEN CONTROLS

### Changing between continuous bake setting or 6 hour energy saving

The oven control has a factory preset built-in 6 Hour Energy Saving feature that will turn off the oven if the oven is left on for more than 6 hours. The control may be programmed to override this feature to bake continuously.

#### To change between continuous bake or 6 hour energy saving feature:

1. Press and hold **Timer on-off** for 6 seconds
2. Press **Self Clean** to toggle between **6 Hour OFF** or **Stay On** feature (Figure 17).
3. Press **START** to accept choice.



Figure 17: 6 hr energy saving (L) and continuous setting (R)

### Changing temperature display from Fahrenheit to Celsius

The electronic oven control is set to display °F when shipped from the factory. The display may be changed to show either °F or °C oven temperatures.

#### To change temperature display mode from °F to °C or from °C to °F:

1. Press and hold **broil** for 6 seconds.
2. Once **F (or C)** appears in the display, press **Self Clean** to toggle between Fahrenheit and Celsius temperature display modes (Figure 18).
3. Press **START** to accept the choice.

#### Important note:

The oven temperature display cannot be changed during the cooking process or if a delay start has been set or self clean is active.



Figure 18: Display showing Fahrenheit and Celsius

### Setting Silent or Audible Control mode

Silent mode allows the oven control to operate without audible tones. The control may be programmed for silent operation and later reset to operate with all the normal audible tones.

#### To set for silent or audible mode:

1. Press and hold **Delay Start** for 6 seconds.
2. Press the **Self Clean** key to toggle between **bEEP On** or **bEEP OFF** (Figure 19).
3. Press **START** to accept the choice.



Figure 19: Display showing audible and silent operation

### Setting Oven Lockout

The control can be programmed to lock the oven door and lockout the oven control keys.

#### To activate the oven lockout features:

1. Be sure oven door is completely closed.
2. Press and hold the lock key for 3 seconds. The motor driven door latch mechanism will begin locking the oven door automatically. Do not open the oven door. Allow about 15 seconds for the oven door to completely lock. Once door is locked, the word **DOOR** with a lock icon will appear in the display.

#### To cancel the oven lockout feature:

1. Press and hold the lock key for 3 seconds. The motor door latch will begin unlocking the oven door automatically. Do not open the oven door. Allow about 15 seconds for the oven door to completely unlock.
2. When the word **DOOR** with a lock icon no longer displays, the oven door may be opened, and the oven control keypad will be available for use.


#### Important note:

- If a control key is pressed when oven lockout is active, the control will triple beep indicating the key action is not available when the oven lockout feature is active.

## SETTING OVEN CONTROLS

### Operating Oven Lights

The interior oven lights will automatically turn on when the oven door is opened. Oven lights will not operate during a self clean cycle. For best baking results, do not leave oven light on while cooking.

Press  to turn the interior oven lights on and off whenever the oven door is closed.

The interior oven lights are located on the side wall of the oven interior and are covered with a glass shield. The glass shield protects the bulb from high temperatures and should always be in place whenever the oven is in use.

To replace the interior oven light, see [“Replacing Oven Lights”](#).

### Quick Preheat

Quick Preheat is available for single rack baking with packaged and convenience foods and can be programmed for temperatures between 170°F and 550°F. Follow the recipe or package directions for food preparation time and temperature. When quick preheat is complete, a reminder tone will sound and food should be placed in the oven.

### CAUTION

Always use pot holders or oven mitts when using the oven. When cooking the oven interior, oven racks, and cooktop will become very hot which can cause burns.

During quick preheat function, the bake burner will cycle on and off. The convection fan will turn on and stay on until quick preheat is canceled. Depending on your preference for doneness cooking times may vary. Watch food closely.

### Important:

- Always place food in center of the oven on rack position 4 ([Figure 21](#)). Place the food as shown in [Figure 20](#).
- For best results when baking batter and dough-based items such as cookies and pastries, use convection bake function and place food in oven when the reminder tone sounds signaling the oven is fully preheated.
- Food may need to be removed early and should be checked at minimum recommended bake time.

To set the preheat temperature for 350°F:

1. Arrange the interior oven racks.
2. Press **Quick Preheat**. 350 will appear in the display.
3. Press **START**.
4. 350 and PREHEAT will be displayed while the oven is preheating.
5. Press **OFF** when baking is complete or to cancel the preheat feature.

To change preheat temperature while oven is preheating (ex: changing from 350°F to 425°F):

1. Press **Quick Preheat**. 350 will appear in the display.
2. Enter the new preheat temperature. Press **4 2 5**.
3. Press **START**. 425 will show in the display.
4. When baking is complete, press **OFF**.

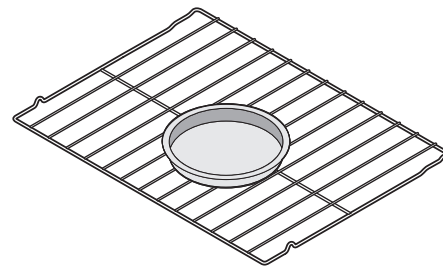


Figure 20: Single rack baking for convenience foods

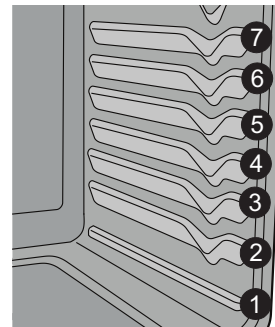


Figure 21: Oven rack position (4) best for cooking convenience foods

## SETTING OVEN CONTROLS

### Setting Bake

Bake cooks with heat that rises from the oven bottom. The heat and air circulate naturally in the oven. A reminder tone will sound indicating when the set bake temperature is reached and to place the food in the oven.

Bake may be set for any oven temperature between 170°F (77°C) to 550°F (288°C).

### CAUTION

Always use pot holders or oven mitts when using the oven. When cooking the oven interior, oven racks, and cooktop will become very hot which can cause burns.

### Baking tips

- Fully preheat the oven before baking items like cookies, cakes, biscuits and breads.
- Use the convection bake function for best results when baking cookies on multiple racks.
- Bake is the best function to use for baking cakes.
- For best results when baking layer cakes using two oven racks, place racks in positions 3 and 5 and place pans as shown in [Figure 22](#).
- When using any single rack for baking cookies, cakes, biscuits, or muffins use rack position 4.
- Allow at least 2 inches (5 cm) of space between bakeware for proper air circulation.

**Important:** The oven will bake no longer than 6 hours. If you wish to bake for a longer period, see [“Changing between continuous bake setting or 6 hour energy saving”](#) on [page 25](#) for detailed information.

To set Bake for (default) oven temperature of 350°F:

1. Press **Bake**.
2. **350°** will appear in the display.
3. Press **START**.

To cancel Bake at any time, press **OFF**.

To change the oven temperature to 425°F when the oven is baking:

1. Press **Bake**.
2. Enter new temperature of **4 2 5** using numeric keys.
3. Press **START**.
4. To cancel Bake at any time, press **OFF**.

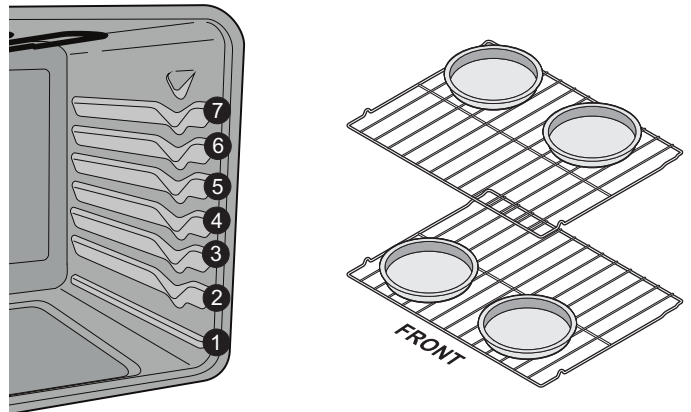


Figure 22: Rack positions and pan placement

## SETTING OVEN CONTROLS

### Convection Bake

Convection Bake uses a fan to circulate the oven's heat uniformly around the oven. This improved heat distribution allows for even cooking and browning results. Heated air flows around the food from all sides.

Convection bake may be set for any oven temperature between 300°F (148°C) and 550°F (288°C).

Benefits of convection cooking include:

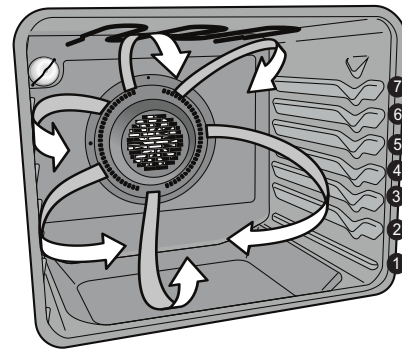
- Multiple rack baking.
- Foods may cook faster, saving time and energy.

### Baking tips

- Fully preheat the oven before baking items like cookies, cakes, biscuits and breads.
- When baking cakes using two oven racks place bakeware in positions 3 and 5 and place bakeware as shown in [Figure 24](#).
- When using any single rack for baking cookies, cakes, biscuits or muffins, use rack position 4.
- Unless the recipe is written for convection cooking, reduce oven temperature 25°F from recipe's recommended oven temperature. Follow the remainder of the recipe's instructions.

To set convection bake with a default oven set temperature of 350°F:

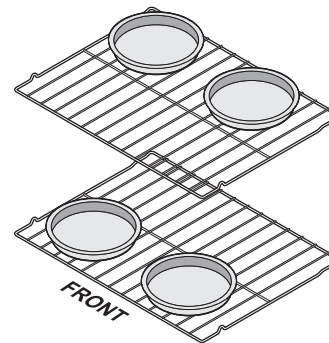
1. Press **Conv** key once.
2. **Conv bake** and 350° will appear in the display.
3. Press **START**.
4. The convection fan will turn on and stay on during the cooking process.
5. To cancel convection bake at any time, press **OFF**.



**Figure 23:** Rack positions

#### Important notes:

- If the oven door is opened when convection bake is active, the convection fan will stop rotating until the oven door is closed.



**Figure 24:** Pan positions for best results

## SETTING OVEN CONTROLS

### Setting Convection Convert

Pressing the **Convect Convert** key automatically converts the cooking temperature entered for any standard baking recipe to the lower temperature required for convection baking.

When first set, convection convert will briefly display a **CF** message. The CF message will appear again in the display as a reminder to check food when the bake time is 75% complete (Figure 25). During this time the oven control will sound one long beep at regular intervals until the set bake time has finished.



Figure 25: Check Food reminder shown in display.

**To add convection convert to convection bake using default oven temperature of 350°F:**

1. Press **Conv** key once for convection bake.
2. Press **START**.
3. Press **Convect Convert**.
4. To cancel convection convert at any time, press **OFF**.

**To program oven for convection convert with oven default temperature of 350°F and to shut-off after 30 minutes:**

1. Press **Conv** key once for convection bake.
2. Press **START**.
3. Press **Bake Time**.
4. Enter **3 0** using numeric keypad.
5. Press **START**.
6. Press **Convect Convert**.
7. To cancel Convection Convert at any time, press **OFF**.

### Important note:

- Convection convert may only be used with the Convection Bake function.
- When using convection convert feature, bake time reductions may vary depending on the oven set temperature.
- The convection fan will begin rotating after Convection Bake, Convection Roast, or Quick Preheat has been activated.
- If the oven door is opened when any convection function is active, the convection fan will stop rotating until the oven door is closed.
- Do not open the oven door often. Opening the door will reduce the temperature in the oven and may increase the cooking time necessary for best results.

**To set the oven for convection bake with a standard baking recipe temperature of 400°F:**

1. Arrange interior oven racks.
2. Press **Conv**. **Conv** and **bake** will flash and **350** will appear in the display.
3. Press **4 0 0**. **Conv** and **bake** will keep flashing and **400°** will appear in the display.
4. Press **START**.
5. Set **Bake Time** or **Delay Start** if needed. For Delay Start or Bake Time instructions, see [page 30](#).
6. Press **Conv Convert**, and the oven temperature displayed will be 25°F lower than the original set temperature of 400°F. The actual oven temperature and the fan icon will be displayed. A beep will sound once the oven temperature reaches 375°F.
7. Place food in the oven.

### NOTE

Pressing **OFF** will stop the feature at any time.

## SETTING OVEN CONTROLS

### Setting Bake Time

Use Bake Time to set the amount of time needed for baking. The oven will turn on immediately and stop automatically after the set bake time ends.

**To program oven to bake with oven default temperature of 350°F and to shut-off after 30 minutes:**

1. Press **Bake Time**.
2. Enter **3 0** using numeric keypad.
3. Press **START** to accept.
4. Press **Bake**.
5. Press **START**.

**When the programmed bake time ends:**

**End** will appear in the display window, and the oven will shut-off automatically (Figure 26). The oven control will beep three times every 30 seconds as a reminder until **OFF** is pressed.



Figure 26: Display showing End

#### Important note:

- The Bake Time feature may be set with Bake, convection bake, and convection roast. Bake Time or Delay Start will not operate with the broil function.
- The maximum bake time setting is 5 hours and 59 minutes unless oven is set for continuous cooking.

**To change the oven temperature or bake time after baking has started:**

1. Press **Bake** (for oven temperature) or **Bake Time**.
2. Press **numeric keys** to enter new temperature or bake time.
3. Press **START** to accept change.

### CAUTION

Always use pot holders or oven mitts when using the oven. When cooking the oven interior, oven racks, and cooktop will become very hot which can cause burns.

### Setting Delay Start

Delay Start sets a delayed starting time to oven cooking or cleaning functions. Prior to setting a delay start, be sure the time of day is set correctly.

### WARNING

**Food Poisoning Hazard.** Do not let food sit for more than one hour before or after cooking. Doing so can result in food poisoning or sickness.

**To program oven for a delay start beginning at 5:30, to shut-off automatically after 50 minutes and for baking at 375°F:**

1. Press **Bake Time**.
2. Enter **5 0** using numeric keypad until **5 0** appears in the display.
3. Press **START** to accept.
4. Press **Delay Start**.
5. Enter **5 3 0** using numeric keypad until **5 3 0** appears in the display.
6. Press **START** to accept.
7. Press **Bake**.
8. Enter **3 7 5** using numeric keypad.
9. Press **START**.

**When the programmed bake time ends:**

**End** will appear in the display window, and the oven will shut off automatically. The oven control will beep three times every 30 seconds as a reminder until the **OFF** key is pressed.

#### Important note:

Delay Start may be set using a 24 hr clock. To set clock for 24 Hr operation, See "[Setting 12 Hour or 24 Hour display mode](#)" on [page 24](#) for more information. The Delay Start feature may be used with Convection Bake, Convection Roast, Convection Convert, Bake, Slow Cook, and Self Clean functions. Delay Start or Bake Time will not operate with the broil function.

## SETTING OVEN CONTROLS

### Setting Broil

Use the broil function to cook foods that require direct exposure to radiant heat for optimum browning results. Broiling may produce smoke. If smoke is excessive, place food further away from the flames.

The broil feature preset to 550°F. Broil may be set at any temperature between 400°F (205°C) and 550°F (288°C).

#### **WARNING**

Should an oven fire occur, leave the oven door closed and turn off the oven. If the fire continues, use a fire extinguisher. Do not put water or flour on the fire. Flour may be explosive and water can cause a grease fire to spread and cause personal injury.

#### **CAUTION**

Always use pot holders or oven mitts when using the oven. When cooking, the oven interior, oven racks, and cooktop will become very hot which can cause burns.

**Important:** Broiler pans and inserts allow the grease to drain away from the high heat of the broiler. Do not use the pan without the insert. Do not cover the insert with foil – the exposed grease could ignite.

**To set broil with the default broil oven temperature of 550°F:**

1. Arrange the oven racks when cool. For optimum browning results, preheat oven for 5 minutes before adding food.
2. Press **broil**.
3. Position bakeware in oven.
4. Press **START**. To adjust the broil temperature, press **broil** again and then enter the new temperature using the number keys. Press **START**.
5. Leave door open to broil stop position. Broil on one side until food is browned; turn an broil other side until done to your satisfaction.
6. When finished broiling, press **OFF**.

To cancel broil at any time, press **OFF**.

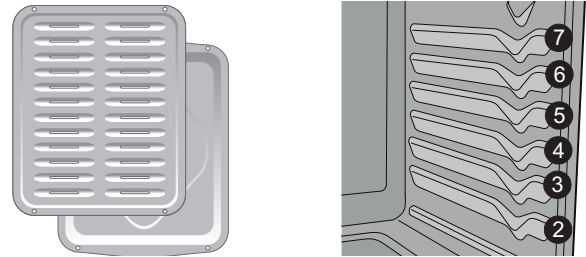


Figure 27:

### Convection Broil (some models)

Use the convection broil feature to cook thicker cuts of meats that require direct exposure to radiant heat and the convection fan for optimum browning results.

#### Suggestions for convection broil:

- Be sure to carefully follow all the recommended broil pan and insert instructions and the directions for placing the oven racks as provided in the broil suggestion table on the next page.
- Since convection broil cooks food faster, reduce the cook time by 25% from the recommended cook time of your recipe (check the food at this time).
- If necessary, increase cook time until the desired doneness is obtained.

**Important:** Close the oven door when using convection broil.

**To set convection broil with a default of 550°F:**

1. Press **Conv** key three times.
2. Press **START** to accept.



Figure 28: Oven set for convection broiling

3. To stop convection broil at any time press **OFF**.

## SETTING OVEN CONTROLS

### Important notes:

- Always arrange oven racks when the oven is cool.
- For best results when broiling, use a broil pan with broil pan insert designed to drain the fat from the food and help avoid spatter and reduce smoking.
- When broiling, always pull the oven rack out to the stop position before turning or removing food.
- If a broiler pan and insert are not supplied with this appliance they may be purchased from frigidaire.com.

Fig. 29 Broil Suggestions

Food	Rack Position	Temperature	Cook time (minutes)		Internal Temperature	Doneness
			1st side	2nd side		
Steak 1" thick	7th**	550°F (288°C)	5	4	140°F (60°C)	Rare*
Steak 1" thick	6th or 7th**	550°F (288°C)	6	4	145°F (63°C)	Medium
Steak 1" thick	6th or 7th**	550°F (288°C)	8	7	170°F (77°C)	Well
Pork Chops 3/4" thick	6th	550°F (288°C)	12	10	170°F (77°C)	Well
Chicken bone-in	5th	450°F (232°C)	20	10	170°F (77°C)	Well
Chicken boneless	6th	450°F (232°C)	8	6	170°F (77°C)	Well
Fish	6th	550°F (288°C)	as directed		170°F (77°C)	Well
Shrimp	5th	550°F (288°C)	as directed		170°F (77°C)	Well
Hamburger 1" thick	7th**	550°F (288°C)	9	7	145°F (63°C)	Medium
Hamburger 1" thick	6th	550°F (288°C)	10	8	170°F (77°C)	Well

\* The U.S. Department of Agriculture states, "Rare fresh beef is popular, but you should know that cooking it to only 140°F (60°C) means some food poisoning organisms may survive." (Source: Safe Food Book, Your Kitchen Guide) The lowest temperature recommended by the USDA is 145°F (63°C) for medium rare fresh beef. For well done 170°F (77°C).

\*\*Use the offset or half-racks (if available) only in the top position,

NOTE: Broiling is direct heat cooking and will produce some smoke. If smoke is excessive, place food further away from element. Always watch foods carefully to prevent burning.



## SETTING OVEN CONTROLS

### Convection Roast

Convection roast combines a cook cycle with the convection fan and element to rapidly roast meats and poultry. Heated air circulates around the meat from all sides, sealing in juices and flavors. Meats cooked with this feature are crispy and brown on the outside while staying moist inside.

#### **WARNING**

Should an oven fire occur, close the oven door and turn the oven off. If the fire continues, use a fire extinguisher. Do not put water or flour on fire. Flour may be explosive.

#### **CAUTION**

Always use pot holders or oven mitts when using the oven. When cooking, the oven interior, oven racks, and cooktop will become very hot which can cause burns.

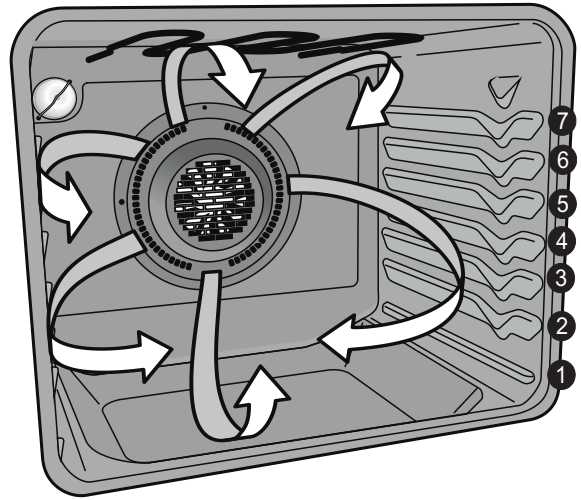


Figure 30: Convection roasting on lower oven racks

To use convection roast at a temperature of 350°F (177°C):

1. Place oven rack on 1, 2, or 3 rack position.
2. Place the meat on the broiler pan and insert.
3. Make sure the insert is securely seated on top of the broiler pan. Do not use the broiler pan without the insert.
4. Place meat (fat side up) on insert
5. Place prepared food on oven rack and slide into oven.
6. Close the door.
7. Press the **Conv** key twice. **Roast** will appear in the display.
8. Press **START**.
9. When cooking is completed or to cancel convection roast press **OFF**.

## SETTING OVEN CONTROLS

### Convection Roasting tips:

- Preheating for convection roast is not necessary for most meats and poultry.
- Arrange oven racks so large cuts of meat and poultry are on the lowest rack of the oven.
- Smaller roasts and poultry should be cooked using rack position 2 or 3.
- Since convection roast cooks faster, may be able to reduce cook times as much as 25% from the recommended time of your recipe (check the food at this time). Then if needed, increase cook time until the desired doneness is obtained.
- Carefully follow your recipe's temperature and time recommendations or refer to the convection roast recommendations for additional information.
- Do not cover foods when dry roasting - covering will prevent the meat from browning properly.
- When cooking meats use the broiler pan and insert. The broiler pan will catch grease spills and the insert helps prevent grease splatters.

**Table 3: Convection roasting temperature and time recommendations**

Meat		Weight	Oven Temp	Internal Temp	Mins per lb.
Beef	Standing rib roast*	4 to 6 lb.	350°F (177°C)	*160°F (71°C)	25-30
	Rib eye roast*	4 to 6 lb.	350°F (177°C)	*160°F (71°C)	25-30
	Tenderloin roast	2 to 3 lb.	400°F (204°C)	*160°F (71°C)	15-25
Poultry	Turkey whole**	12 to 16 lb.	325°F (163°C)	180°F (82°C)	8-10
	Turkey whole**	16 to 20 lb	325°F (163°C)	180°F (82°C)	10-15
	Turkey whole**	20 to 24 lb.	325°F (163°C)	180°F (82°C)	12-16
	Chicken	3 to 4 lb.	350°F-375°F (177°C-191°C)*	180°F (82°C)	12-16
Pork	Ham roast, fresh	4 to 6 lb.	325°F (163°C)	160°F (71°C)	30-40
	Shoulder blade roast	4 to 6 lb.	325°F (163°C)	160°F (71°C)	20-30
	Loin	3 to 4 lb.	325°F (163°C)	160°F (71°C)	20-25
	Pre-cooked ham	5 to 7 lb.	325°F (163°C)	160°F (71°C)	30-40

\* The U.S. Department of Agriculture states, "Rare fresh beef is popular, but you should know that cooking it to only 140°F (60°C) means some food poisoning organisms may survive." (Source: Safe Food Book, Your Kitchen Guide) The lowest temperature recommended by the USDA is 145°F (63°C) for medium rare fresh beef. For well done 170°F (77°C)\*\* Stuffed turkey requires additional roasting time. Shield legs and breast with foil to prevent over browning and drying of the skin.

## SETTING OVEN CONTROLS

### Cooking with Meat Probe

Use the probe feature for best results when cooking foods such as roasts, hams, or poultry.

The probe feature, when set correctly, will signal an alert when the internal food temperature reaches the desired set target temperature.

When active, the probe displays the internal food temperature which is visible in the display during the cooking process. This eliminates any guesswork or the need to open the oven door to check the thermometer.

For meats like poultry and roasts, using a probe to check internal temperature is the safest method to ensure properly cooked food.

### CAUTION

Do not use kitchen utensils to pull on the probe cable or handles. Always insert and remove the probe using the provided handles, as shown in [Figure 31](#), and always use a pot holder to protect hands from possible burns.

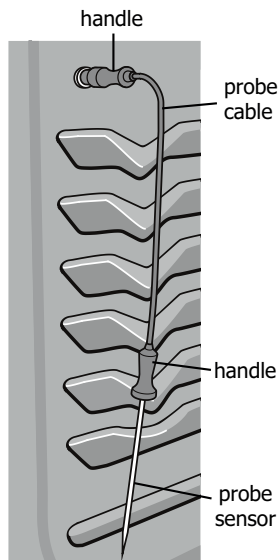


Figure 31: Using the probe

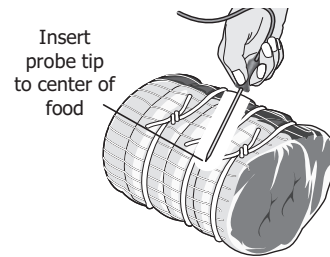
### IMPORTANT

Do not store the probe inside the oven. Use only the original probe provided. Connecting any other probe or device could result in damage to the oven control, electronics, and the receptacle.

Before starting self clean, double check that the probe is removed from the oven interior. Defrost frozen foods completely before inserting the probe.

### Proper placement of probe in food.

Insert the probe so that the probe tip rests inside the center of the thickest part of meat or food (See [Figure 32](#)). For best results, do not allow the probe temperature sensor to contact bone, fat, gristle, or the cookware.



### Figure 32: Probe in thickest area of food

- For bone-in ham or lamb, insert the probe into the center of lowest large muscle or joint.
- For meat loaf or casseroles, insert the probe into center of food.
- When cooking fish, insert meat probe just above the gill.
- For whole poultry or turkey, fully insert the probe sensor into the thickest part of the breast (See [Figure 33](#)).

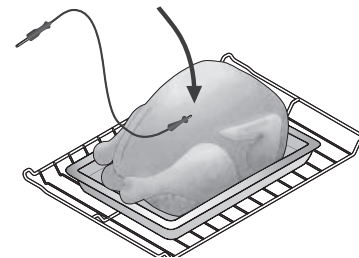


Figure 33: Probe in thickest part of breast

## SETTING OVEN CONTROLS

### To set probe:

1. Insert the probe into the food. Place prepared food on the desired oven rack position and slide into the oven.
2. Plug the connector end of the probe all the way into the probe receptacle while the oven is still cool. The receptacle is located on the upper left front oven cavity wall (See [Figure 31](#)).
3. When the probe is set, an acceptance tone will sound, the probe icon will illuminate, and the actual probe temperature appears in the display (See [Figure 34](#)). Close the oven door.



**Figure 34: Probe set showing probe temperature**

4. Press **probe** key once. Enter the desired target food temperature using the numeric keys and set temperature for food type.

**Note:** The minimum setting is 140°F (60°C); the maximum is 210°F (99°C). Default is 170°F (77°C).

5. Press **START** to accept the target temperature.
6. Set for **Quick Preheat, Bake, convection bake, or convection roast** and if necessary adjust the oven temperature accordingly.
7. The control will provide three beeps when the internal target temperature is reached.
8. The oven will automatically change to a Keep Warm setting and the actual probe temperature will remain in the display. Keep Warm will maintain the oven temperature at 170°F (77°C) for 3 hours unless otherwise cancelled.
9. To stop cooking at any time, press **OFF**.

### NOTE

During cooking the internal food temperature will display by default. To see the target temperature press the probe key once. After 6 seconds the display will revert to the internal food temperature. To assure accuracy, do not remove the probe from the food or receptacle until the desired internal temperature is reached.

If the probe is removed from the receptacle only, the probe feature will cancel but the oven will continue to cook. If the probe is removed from the food only, the probe feature will remain active and may eventually generate a probe too hot message.

To change the target temperature while cooking, press the probe key once. Use the numeric keys to change the temperature. Press the **START** key to accept any change.

**Table 4: USDA recommended minimum internal cooking temperatures**

Food Type	Internal Temp.
<b>Ground meat and meat mixtures</b>	
Beef, Pork, Veal, Lamb	160°F (71°C)
Turkey, Chicken	165°F (74°C)
<b>Fresh beef, veal, lamb</b>	
Medium rare +	145°F (63°C)
Medium	160°F (71°C)
Well Done	170°F (77°C)
Chicken and Turkey, whole	165°F (74°C)
Poultry Breasts, Roasts	165°F (74°C)
Poultry Thighs, Wings	165°F (74°C)
Stuffing (cooked alone or in bird)	165°F (74°C)
Ham Fresh (raw)	160°F (71°C)
Ham Pre-cooked (to reheat)	140°F (60°C)
Eggs dishes	160°F (71°C)
Leftovers and Casseroles	165°F (74°C)

The U.S. Department of Agriculture states, "Rare fresh beef is popular, but you should know that cooking it to only 140°F (60°C) means some food poisoning organisms may survive." (Source: *Safe Food Book, Your Kitchen Guide*, USDA) Visit the USDA Food Safety and Inspection website at [www.fsis.usda.gov](http://www.fsis.usda.gov)

## SETTING OVEN CONTROLS

### To set how the oven will operate once the probe reaches the target temperature:

The oven is preset to automatically stop cooking and start the warm feature when probe sensor reaches the target temperature. This may be set to continue cooking if desired. Setting the options must be done when the oven is inactive. The probe is not required to be connected to the probe receptacle when setting this option.

### To set the oven to continue cooking after reaching the target temperature:

1. Press **probe** key and hold for 6 seconds.
2. Press **Self Clean** key and toggle until **Continu:** appears, as shown in [Figure 35](#), then press **START** to accept.



Figure 35: Probe set to continue cooking

### To set the oven to automatically stop cooking and start warm once reaching target temperature:

1. Press **probe** key and hold for 6 seconds.
2. Press the **Self Clean** key and toggle until **CANCEL** appears, as shown in [Figure 36](#), then press **START** to accept



Figure 36: Probe set to cancel cooking

### Probe too hot message:

When the message **Prob... Too... Hot...** flashes in the display, the probe temperature has exceeded 250°F (121°C). If the probe is not removed, this message may continue until the sensor reaches 300°F (149°C) or higher, and oven will automatically turn off. Be sure the probe sensor is fully covered by the food.

### Keep Warm

Keep Warm should only be used with foods that are already at serving temperatures. Keep warm will keep cooked foods warm and ready for serving for up to 3 hours after cooking has finished. After 3 hours the keep warm will shut-off automatically. Keep warm will keep the oven temperature at 170° F (77°C).

### To set Keep Warm:

1. If needed, arrange oven racks and place cooked food in oven.
2. Press **Keep Warm: KEEP WARM** will appear in the display. (If no other keys are touched within 25 seconds the request for keep warm will clear.)
3. Press **START**. **Keep Warm** will automatically turn on and then turn off after 3 hours unless cancelled.

**Note:** To turn Keep Warm off at any time, press **OFF**.

### WARNING

Food poisoning hazard. Do not let food sit for more than one hour before or after cooking. Doing so can result in food poisoning or sickness.

### To add Keep Warm to turn ON after baking 45 minutes with a set temperature of 425°F:

1. Press **Bake Time**.
2. Enter **45** using numeric keypad.
3. Press **START**.
4. Press **Bake** and enter **425** on numeric keypad.
5. Press **START** to accept.
6. Press **Keep Warm**. **KEEP WARM** will appear in the display.
7. Press **START**. When the bake time is over, Keep Warm will automatically turn ON. The Keep Warm function will automatically turn OFF after 3 hours.

### Important note:

- Keep Warm will maintain the oven temperature at 170° F (77°C) for 3 hours. Keep Warm may be set when finished cooking or may be added to automatically turn on after cooking using bake time.

## SETTING OVEN CONTROLS

### Setting the Sabbath Feature (for use on the Jewish Sabbath and Holidays)



For further assistance, guidelines for proper usage, and a complete list of models with the Sabbath feature, please visit the web at [www.star-k.org](http://www.star-k.org).

This appliance provides special settings for use when observing the Jewish Sabbath/Holidays. Sabbath mode disables all audible tones or visual display changes on the oven control. Bake heating is the only cooking feature available while in the Sabbath mode. Oven controls are locked during Sabbath mode.

You must first set the Bake feature and temperature(s) needed for the oven, the Bake Time, and Delay Start options (if needed). Any settings made prior to setting the Sabbath mode will be visible in the displays. The Bake Time option, if set prior to the Sabbath mode, will give one audible alert at the end of Bake Time.

The Sabbath mode will override the factory preset 6 hour energy saving mode, and the appliance will stay on until the cooking features are cancelled. If any of the cooking features are cancelled when the appliance is in the Sabbath mode, no audible or visual indicators will be available to verify the cancellation.

If the oven interior lights are needed, be sure to activate them prior to setting the Sabbath mode. Once the oven light is turned on and the Sabbath mode is active, the oven light will remain on until the Sabbath mode is turned off and the oven lights are turned off. The oven door will not activate the interior oven lights when the oven door is opened or closed.

It is recommended that any oven temperature modification made within an active Sabbath mode be followed with two presses of the **START** key. This will insure the oven remains on even if an attempt is made to set the oven temperature outside of its temperature range.

If the oven temperature is set outside of the temperature range, the oven will default to the nearest available temperature. Try to set the desired oven temperature again.

### **WARNING**

Food poisoning hazard. Do not let food sit for more than one hour before or after cooking. Doing so can result in food poisoning or sickness. Foods that can easily spoil such as milk, eggs, fish, meat or poultry, should be chilled in the refrigerator first. Even when chilled, they should not stand in the oven for more than 1 hour before cooking begins, and should be removed promptly when finished cooking.

#### **Important:**

- Do not attempt to activate any other oven function except Bake while the Sabbath feature is active. The following keys will function correctly when the Sabbath feature is active: 0-9 number keypad, Bake, **START**, and **OFF**. All other keys should not be used once the Sabbath feature is active.
- You may change the oven temperature once baking has started. Press **bake**, use the numeric keypad to enter the oven temperature change (170°F to 550°F), and press **START** (for Jewish Holidays only).
- Remember that the oven control will no longer provide audible tones or display any further changes when the Sabbath feature is active.
- The oven will shut-off automatically after completing a Bake Time, Delay Start, or Keep Warm and therefore may only be used once during the Sabbath/Jewish Holidays.
- If a delay start time longer than 11 hours and 59 minutes is desired, set the oven control for the 24 hour day display mode setting. See "[Setting 12 Hour or 24 Hour display mode](#)" on [page 24](#) for more information.

## SETTING OVEN CONTROLS

### To program oven to Bake with default oven temperature of 350°F and activate the Sabbath feature:

1. Be sure the clock is set with the correct time of day.
2. Arrange oven racks, place bakeware in oven, and close oven door. Press **Bake**.
3. Press **START**.
4. Note: If a Bake Time or Delay Start are desired enter the times at this point. See “[Setting Bake Time](#)” and “[Setting Delay Start](#)” on [page 30](#) for detailed instructions.
5. Press and hold **Bake Time** and **Delay Start** simultaneously for about 3 seconds to set the Sabbath feature. Once the feature is set, **SAb** will appear in the display indicating the oven is properly set for the Sabbath feature ([Figure 37](#)).



**Figure 37: Oven set for Sabbath baking**

### To turn the oven off and keep the Sabbath feature active:

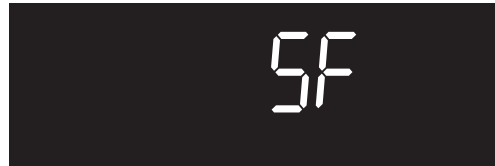
1. Press **OFF**.

### To turn off the Sabbath feature:

Press and hold both **Bake Time** and **Delay Start** simultaneously for at least 3 seconds to turn the Sabbath feature off. The control will provide an acceptance tone, and **SAb** will disappear from the display. The oven is no longer programmed for the Sabbath feature.

### What to do during a power failure or power interruption after the Sabbath feature was activated:

Should you experience a power failure or interruption, the oven will shut-off. When power is restored the oven will not turn back on automatically. The oven will remember that it is set for the Sabbath, and the oven display will show the message **SF** for Sabbath failure ([Figure 38](#)).



**Figure 38: Display showing Sabbath failure**

The food may be safely removed from the oven while still in the Sabbath feature, however the oven cannot be turned back on until after the Sabbath/Holidays. After the Sabbath observance turn off the Sabbath feature.

Press and hold both **Bake Time** and **Delay Start** keys for at least 3 seconds simultaneously to turn the Sabbath feature off. **SF** will disappear from the display, and the oven may be used with all normal functions.

## SETTING OVEN CONTROLS

### Setting Warmer Drawer (some models)

The purpose of the warmer drawer is to keep hot cooked foods at serving temperatures. Examples are vegetables, gravies, meats, casseroles, biscuits, rolls and pastries. It is not recommended to heat cold food in the warmer drawer; always start with hot food.

The warmer drawer may also be used to warm dinner plates. All food placed in the warmer drawer should be covered with a lid or aluminum foil to maintain quality.

### WARNING

Food poisoning hazard. Do not let food sit for more than one hour before or after cooking. Doing so can result in food poisoning or sickness.

Do not leave children alone. Children should not be left alone or unattended in the area where appliance is in use. They should never be allowed to sit or stand on any part of the appliance, including the warmer drawer.

Flammable materials should not be stored in a warmer drawer. This includes paper, plastic and cloth items, such as cookbooks, plastic ware and towels, as well as flammable liquids.

**Important:** Do not use plastic wrap to cover food. Plastic wrap can melt onto the drawer surfaces and be very difficult to clean up afterwards. Use only cooking utensils and cookware recommended by the manufacturer for use in a warmer drawer.

### NOTE

- Always start with hot food when using the warmer drawer. Do not heat cold food in the warmer drawer.
- The warmer drawer is equipped with a catch that may require extra force when opening or closing the drawer.
- Self clean can not be set when the warmer drawer is turned on.

### Warmer drawer rack positions

The warmer drawer rack may be positioned in the drawer two ways:

In the upright position (Figure 39) to allow low profile food items to be placed both under and on top of the rack (for example, rolls or biscuits on top of rack and a casserole dish underneath).

In the downward position (Figure 40) to allow for light weight food items and empty cookware on rack (for example, rolls or pastries and dinner plates).

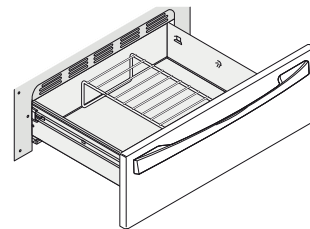


Figure 39: Upright position

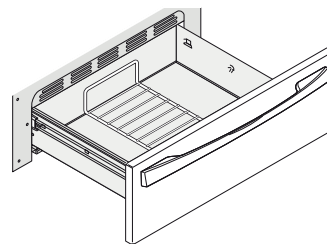


Figure 40: Downward position



## SETTING OVEN CONTROLS

### Warmer drawer recommended food settings

Recommended warmer drawer food settings are shown below. If a particular food is not listed, start with the medium setting. If more crispness is desired, remove the lid or aluminum foil from the food.

Most foods can be kept at serving temperatures on the medium setting. When a combination of foods are to be kept warm (for example, a meat with 2 vegetables and rolls) use the hi setting. To avoid heat loss, do not open the warmer drawer often while in use.

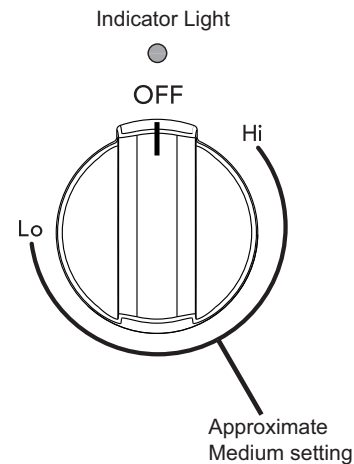
### Warmer drawer recommended settings

Food	Setting
Bacon	hi (high)
Hamburger patties	hi (high)
Poultry	hi (high)
Pork chops	hi (high)
Fried foods	hi (high)
Pizza	hi (high)
Gravies	medium
Casseroles	medium
Eggs	medium
Roasts (beef, pork, lamb)	medium
Vegetables	medium
Biscuits	medium
Rolls (hard)	medium
Pastries	medium
Rolls (soft)	lo (low)
Empty dinner plates	lo (low)

### Warmer drawer control knob

Use the thermostat control knob to select the desired temperature setting for the warmer drawer. It is located on the control panel. The heat settings are marked **OFF**, **lo** and **hi**. Please note that the approximate medium setting is shown on illustration (Figure 41).

The indicator light is located above the warmer drawer thermostat control and turns on when the control is set, and stays on until the heat setting is turned OFF.



**Figure 41: Warmer drawer thermostat control knob**

#### To set warmer drawer:

1. Open warmer drawer when cool and arrange warmer drawer rack as needed.
2. For best results, close the warmer drawer and preheat the drawer before adding food items. An empty warmer drawer will fully preheat in approximately 15 minutes.
3. Push in and turn the warmer drawer control knob in either direction to the desired heat setting and release
4. Only hot food that has already reached serving temperature should be placed in the warmer drawer. Position on rack and close warmer drawer. Dinner plates may be warmed also.
5. When finished, turn the warmer drawer heat setting knob to OFF position. Carefully remove items and close warmer drawer.

## SETTING OVEN CONTROLS

### Restoring Factory Default Settings

Your appliance was set with predetermined (default) oven control settings. Over time, users may have made changes to these settings. The following options may have been modified since the appliance was new:

- 12 or 24 hr display mode
- All Meat Probe settings
- Continuous bake or 6 hour energy savings mode
- Silent or audible control
- Oven temperature display (Fahrenheit or Celsius)
- Oven temperature adjustments (UPO)

### CAUTION

All of the above user settings will be restored to the factory default settings.

### To restore oven control to factory default settings:

1. Press and hold **7** on numeric keypad until acceptance tone sounds (about 6 seconds).
2. Press **START**. The control has been reset with the default settings.

### Adjusting Oven Temperatures

Your appliance has been factory calibrated and tested to ensure accurate baking temperatures. For the first few uses, follow your recipe times and temperature recommendations carefully. If you think the oven is cooking too hot or too cool for your recipe times, you may adjust the control so the oven cooks hotter or cooler than the oven temperature displayed.

**Important:** Do not use oven thermometers such as those found in grocery stores to check the temperature settings inside your oven. These oven thermometers may vary as much as 20 to 40°F degrees from actual temperatures.

The oven temperature may be increased as much as +35°F (+19°C) or decreased -35°F (-19°C) from the factory calibrated settings.

### To increase or decrease the oven temperature by 20°F:

1. Press and hold **Bake** until the control produces an audible tone (about 6 seconds). The factory offset temperature of 0 (zero) should appear in the display.
2. Enter **2 0** using numeric keypad.
3. To offset the oven by -20°F, press **self clean** to toggle between + and -.
4. Press **START** to accept change.

### Important note:

- Oven temperature adjustments will not change the Broil, Self Clean, or Keep Warm temperatures.
- The oven temperature adjustment may be made if your oven control is set to display temperatures in °C (Celsius). Minimum and maximum settings for Celsius range from plus (+)19°C to minus (-) 19°C.

## SETTING OVEN CONTROLS

### Self Clean

A self cleaning oven cleans itself with high temperatures (well above normal cooking temperatures), which eliminate soils completely or reduces them to a fine powdered ash you can wipe away afterwards with a damp cloth. This function can be programmed for clean times between 2 and 4 hours.

**Important:** Before starting self clean read all following caution and important statements before starting a self clean cycle

### CAUTION

- Do not leave small children unattended near appliance. During self clean cycle, the outside of the oven can become very hot and cause burns if touched.
- Do not line the oven walls, racks, oven bottom, or any part of the range with aluminum foil. This will cause permanent damage to the oven interior and destroy heat distribution, and will melt to the oven interior.
- Do not force the oven door open. This will damage the automatic door locking system. Use caution when opening the oven door after the self clean cycle ends. The oven may still be very hot and cause burns. To avoid possible burns, stand to side of oven when opening door to allow steam or hot air to escape.
- The health of some birds is extremely sensitive to fumes given off during the self clean cycle of any range. Move birds to a well ventilated room.

### Important notes:

- Completely remove all oven racks and any accessories from oven cavity to avoid damage to oven racks. If the oven racks are not removed they may discolor.
- Remove all items from the oven and cooktop including cookware, utensils, and any aluminum foil. Aluminum foil will not withstand high temperatures from a self clean cycle and will melt.
- Do not spray oven cleaners or oven protective coatings in or around any part of the oven interior. Clean any soil from the oven frame, the door liner outside the oven door gasket, and the small area at the front center of the oven bottom (Figure 42). These areas heat sufficiently to burn soil on. Clean using soap and water prior to starting Self Clean.

- Remove any excessive spills. Any spills on the oven bottom should be wiped up and removed before starting a self clean cycle. To clean use hot, soapy water and a cloth. Large spills can cause heavy smoke or fire when subjected to high temperatures.
- Do not allow food spills with high sugar or acid content (such as milk, tomatoes, sauerkraut, fruit juices, or pie fillings) to remain on the surface as they may leave a dull spot even after cleaning.
- Do not clean the oven door gasket. The woven material in the gasket is essential for a good seal. Care should be taken not to rub, damage, or remove the oven door gasket. Doing so could cause damage to the door gasket and compromise the performance of the oven.

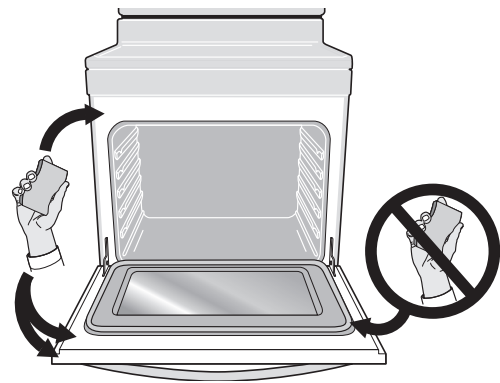


Fig. 42 Areas to clean and areas to avoid (gasket)

- The kitchen area should be well ventilated using an open window, ventilation fan, or exhaust hood during the first self clean cycle. This will help eliminate the normal odors.
- Do not attempt to open the oven door when the OVEN LOCK indicator light is flashing. Allow about 15 seconds for the motorized door latch mechanism to completely lock or unlock the oven door.
- When the clean time finishes, the oven door will remain locked until the range has cooled sufficiently. In addition to the clean time that was programmed, you must allow about 1 additional hour for the oven to cool before you will be able to open the oven door.

## SETTING OVEN CONTROLS

### Setting Self Clean

#### To set self clean:

1. Be sure the oven is empty and all oven racks are removed. Remove all items from the oven. Be sure oven door is completely closed.
2. Press **Self Clean** and the default 3 hour clean time will appear in the display. You may accept the default 3 hour clean time or choose a different clean time by pressing the Self Clean key to toggle between 2, 3, and 4 hours clean time. Once you have the desired clean time selected proceed to Step 3.
3. Press **START** to activate self clean.

When the oven is set to run a self-clean cycle, the motor door lock will begin locking the oven door. Do not open the oven door while the lock motor is running or when any locking indicators or displays are showing. The oven door is completely locked in about 15 seconds. Once the oven door has locked, **CLEAN** will appear in the display indicating self clean has started.

Do not force the oven door open when self-clean is active. This can damage the automatic door-locking system. Use caution when opening the door after self-clean cycle is complete; the oven may still be very hot.

#### When self clean is finished:

1. **CLEAN** message will turn off, and **Hot** will appear in display window.
2. Once the oven has cooled down (about 1 hour) and **Hot** is no longer displayed, the oven door may be opened.
3. When the oven interior has completely cooled, wipe away any residue or powdered ash with a damp cloth or paper towel.

### CAUTION

To avoid possible burns, use care when opening the oven door after the self-cleaning cycle. Stand to the side of the oven when opening the door to allow hot steam and air to escape.

### Setting Delay Start Self Clean

#### To start a delay self clean with default clean time of 3 hours and a start time of 9:00 o'clock:

1. Be sure the clock is set with the correct time of day, the oven is empty, and all oven racks are removed. Be sure oven door is completely closed.
2. Press **Delay Start**.
3. Using numeric keypad, enter **9 0 0**.
4. Press **START** to accept
5. Press **Self Clean**.
6. Press **START**.

#### If it becomes necessary to stop self clean when active:

1. Press **OFF**.
2. If self clean has heated the oven to a high temperature, allow enough time for the oven to cool.
3. Before restarting self clean, be sure to read important notes below.

#### Important note:

- If your clock is set with the (default) 12 hr display mode, the delay start for a self clean can only be programmed to start up to 11 hours and 59 minutes after the time showing in the display (be sure to set the clock to current time before programming a Delay Start). To set a Delay Start self clean to begin 12 or more hours (maximum is 23 hours and 59 minutes) after the time of setting, be sure to first set the control in the 24 Hr display mode.
- If self clean was active and then interrupted by a power failure or cancelled before the oven was thoroughly cleaned, it may be necessary to run another self clean cycle.
- If the oven temperature was high enough when self clean was interrupted the oven control may not allow another self clean cycle to be set for up to 4 hours.

## SETTING OVEN CONTROLS

### Steam Clean

The Steam Clean feature offers a chemical free and time saving method to assist in the routine cleaning of small and light soils. For heavier baked on soils use the Self Clean feature.

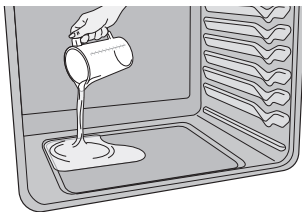
#### CAUTION

- Do not add bleach, ammonia, oven cleaner, or any other abrasive household cleaners to the water used for Steam Clean.
- Before cleaning any part of the oven, be sure all controls are turned off and the oven is cool. The oven may be hot and can cause burns.

Be sure the oven is level and cool before starting Steam Clean. If the oven temperature is above room temperature a triple beep will be heard and the function will not start. Steam Clean produces best results when started with a cool oven

#### To set a Steam Clean cycle:

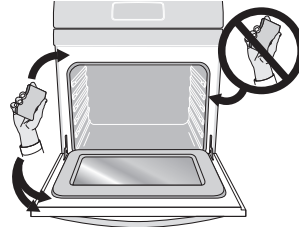
1. Remove all racks and oven accessories.
2. Scrape or wipe loose debris and grease from the oven bottom.
3. Pour 1 cup of tap water onto the oven bottom. (Figure 43) Close oven door.



**Figure 43: Add 1 cup of tap water**

4. Press **Steam Clean**.
5. Press **START**.  
**St Cn** will appear in the display.
6. The time remaining in the Steam Clean cycle is shown in the display. Do not open the door during this time. If door is open while in Steam Clean (d-O) will appear in the display.
7. When the steam clean cycle is complete an alert will sound and the END message will show in the display. Press off to return to the clock.

8. Take care opening the door when the steam clean is finished. Stand to the side of the oven out of the way of escaping vapor.
9. Wipe oven cavity and bottom. Do not clean oven door gasket (Figure 44). Avoid leaning or resting on the oven door glass while cleaning cavity.
10. To cancel Steam Clean at any time press **OFF**.



**Figure 44: Clean around the oven door gasket**

#### Notes:

- Opening oven door during Steam Clean cycle prevents the water from reaching the temperature needed to clean.
- For best results, clean oven immediately after the cycle is complete. Steam clean works best for soils on the oven bottom.
- Place a paper towel or cloth in front of the oven to capture any water that may spill while wiping out.
- A non abrasive scouring pad, stainless steel sponge, plastic scraper, or eraser style cleaning pad (without cleaner) can be used for difficult soils. Moisten pads with water before use.
- Do not leave the residual water in the oven for any length of time.
- Some condensation or water vapor may appear close to the oven vent. This is normal. The oven gasket may become damp; do not wipe dry.
- Local water sources often contain minerals (hard water). If hard water deposits occur, wipe cavity with a 50/50 solution of water and vinegar or 50/50 solution of lemon juice and water.
- Steam clean cannot be programmed with a delay start.
- If Steam Clean results are not satisfactory, run a Self Clean. See "[Self Clean](#)" on [page 43](#).

## CARE AND CLEANING

Remove spills and any heavy soiling as soon as possible. Regular cleaning will reduce the difficulty of major cleaning later.

### CAUTION

- Before cleaning any part of the appliance, be sure all controls are turned off and the appliance is cool.
- If ammonia or appliance cleaners are used, they must be removed and the appliance must be thoroughly rinsed before operating. Follow manufacturer's instructions and provide adequate ventilation.

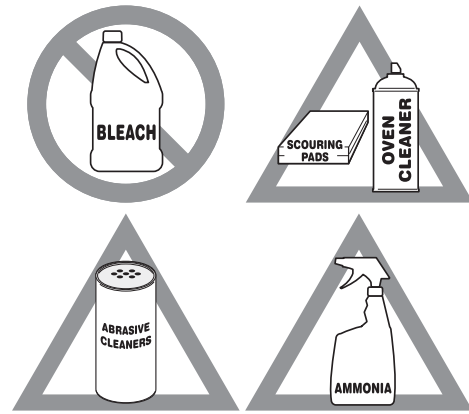


Figure 45: Use cleaners with caution

Surface or Area	Cleaning Recommendation
Aluminum and vinyl	Using a soft cloth, clean with mild dish detergent and water. Rinse with clean water, dry and polish with a soft, clean cloth.
Painted and plastic control knobs Painted body parts Painted decorative trims	Using a soft cloth, clean with mild dish detergent and water or a 50/50 solution of vinegar and water. Rinse with clean water, dry and polish with a soft, clean cloth. Glass cleaners may be used, but do not apply directly to surface; spray onto cloth and wipe.
Control panel	Using a soft cloth, clean with mild dish detergent and water or a 50/50 solution of vinegar and water. Do not spray liquids directly on the oven control and display area. Do not use large amounts of water on the control panel - excess water on the control area may cause damage to the appliance. Do not use other liquid cleaners, abrasive cleaners, scouring pads, or paper towels - they will damage the finish.
Control knobs	Using a soft cloth, clean with mild dish detergent and water or a 50/50 solution of vinegar and water. To remove control knobs: turn to the OFF position, grasp firmly, and pull off the shaft. To replace knobs after cleaning, line up the OFF markings and push the knobs into place.
Stainless Steel	Using a soft cloth, clean with mild dish detergent and water or a 50/50 solution of vinegar and water. Rinse with clean water, dry with a soft clean cloth. Do not use cleaners containing abrasives, chlorides, chlorine, or ammonia.
Smudge Proof™ Stainless Steel Black Stainless Steel	Using a soft cloth, clean with mild dish detergent and water or a 50/50 solution of vinegar and water. Rinse with clean water, dry with a soft clean cloth. Do not use appliance cleaner, stainless steel cleaner, or cleaner containing abrasives, chlorides, chlorine, or ammonia. These cleaners may damage the finish.

## CARE AND CLEANING

Porcelain-enameled broiler pan and insert	Rinse with clean water and a damp cloth. Scrub gently with a soapy, non-abrasive scouring pad to remove most spots. Rinse with a 50/50 solution of clean water and ammonia. If necessary, cover difficult spots with an ammonia-soaked paper towel for 30 to 40 minutes. Rinse and wipe dry with a clean cloth. Remove all cleaners or future heating could damage the porcelain. Do not allow food spills with a high sugar or acid content (milk, tomatoes, sauerkraut, fruit juices or pie filling) to remain on porcelain surfaces. These spills may cause a dull spot even after cleaning.
Porcelain door liner	
Porcelain body parts	
Self-cleaning oven interior	Before setting a self-clean cycle, clean soils from the oven frame, areas outside the oven door gasket, and the small area at the front center of the oven bottom. See "Self Clean" on page 23.
Oven door	Use mild dish detergent and water or a 50/50 solution of vinegar and water to clean the top, sides, and front of the oven door. Rinse well. Glass cleaner may be used on the outside glass of the door. Ceramic smoothtop cleaner or polish may be used on the interior door glass. Do not immerse the door in water. Do not spray or allow water or cleaners to enter the door vents. Do not use oven cleaners, cleaning powders, or any harsh abrasive cleaning materials on the outside of the oven door.  Do not clean the oven door gasket. The oven door gasket is made of a woven material which is essential for a good seal. Do not rub, damage, or remove this gasket.
Ceramic cooktop	See " <a href="#">Cooktop Maintenance</a> " on <a href="#">page 48</a> .

## CARE AND CLEANING

### Cooktop Maintenance

Consistent and proper cleaning is essential to maintaining your ceramic glass cooktop.

Prior to using your cooktop for the first time, apply a ceramic cooktop cleaning cream (available in most hardware, grocery, and department stores) to the ceramic surface. Clean and buff with a clean paper towel. This will make cleaning easier when soiled from cooking. Cooktop cleaning creams leave a protective finish on the glass to help prevent scratches and abrasions.

Sliding aluminum, cast iron, or copper bottomed pans on the cooktop can cause metal markings on the cooktop surface. These marks should be removed immediately after the cooktop has cooled using cooktop cleaning cream. Metal marks can become permanent if not removed prior to future use.

Cookware (cast iron, metal, ceramic, or glass) with rough bottoms can mark or scratch the cooktop surface.

#### Do not:

- Slide anything metal or glass across the cooktop.
- Use cookware with dirt or dirt build up on the bottom; always use clean cookware.
- Use your cooktop as a cutting board or work surface in the kitchen.
- Cook foods directly on the cooktop surface without a pan.
- Drop heavy or hard objects on the ceramic glass cooktop; they may cause it to crack.

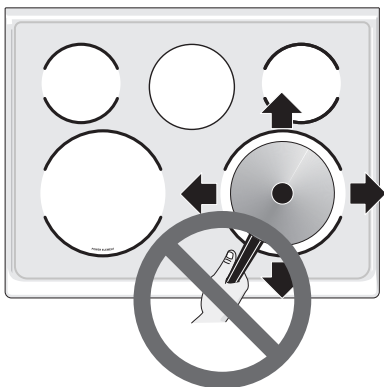


Figure 46: Cooktop care

### Cooktop Cleaning

#### ! WARNING

Do not use a cooktop cleaner on a hot cooktop. The fumes can be hazardous to your health, and can chemically damage the ceramic-glass surface.

#### ! CAUTION

Before cleaning the cooktop, be sure the controls are turned to OFF and the cooktop is cool. The glass surface could be hot and burns may occur if the glass surface is touched before it has cooled sufficiently.

#### For light to moderate soil:

For light to moderate soil: Apply a few drops of cooktop cleaning cream directly to the cooktop. Use a clean paper towel to clean the entire cooktop surface. Make sure the cooktop is cleaned thoroughly, leaving no residue. Do not use the towel you use to clean the cooktop for any other purpose.

#### For heavy, burned on soil:

Apply a few drops of cooktop cleaning cream directly to the soiled area. Rub the soiled area using a non-abrasive cleaning tool, applying pressure as needed. Do not use the pad you use to clean the cooktop for any other purpose.

If soils remain, carefully scrape soils with a metal razor blade scraper, holding scraper at a 30 degree angle to the surface. Remove loosened soils with cooktop cleaning cream and buff the surface clean.

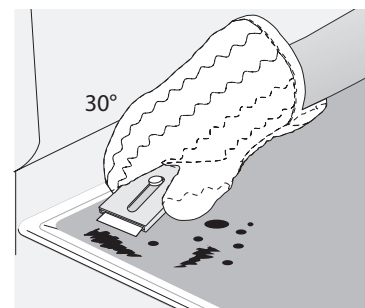


Figure 47: Cooktop cleaning



### Cooktop Maintenance (cont'd)

#### **IMPORTANT**

Damage to the ceramic glass cooktop may occur if you use an abrasive type cleaning pad. Only use cleaning products that have been specifically designed for ceramic glass cooktops.

### Aluminum Foil and Utensils

#### **WARNING**

Never cover any slots, holes, or passages in the oven bottom or cover an entire oven rack with materials such as aluminum foil. Aluminum foil linings may trap heat, causing a fire hazard.

#### **WARNING**

Protective Liners — Do not use aluminum foil to line the oven bottom. Improper installation of these liners may result in risk of electric shock or fire.

#### **IMPORTANT**

- Aluminum foil - Use of aluminum foil on a hot cooktop can damage the cooktop. Do not use thin aluminum cooking utensils or allow aluminum foil to touch the surface elements under any circumstances.
- Aluminum utensils - The melting point of aluminum is much lower than that of other metals. Care must be taken when aluminum pots or pans are used on the cooktop. If aluminum pans are allowed to boil dry when using the cooktop, not only will the utensil be damaged or destroyed, but it may fuse to, break, or mark the ceramic glass surface, permanently damaging the cooktop surface.

## CARE AND CLEANING

### Removing and Replacing the Oven Door

To remove oven door:

#### CAUTION

The door is heavy. For safe, temporary storage, lay the door flat with the inside of the door facing down.

1. Open oven door completely, horizontal with floor (See [Figure 48](#)).
2. Pull the door hinge locks on both left and right door hinges down from the oven frame completely towards the oven door (See [Figure 49](#)). A tool such as a small flat-blade screwdriver may be required.
3. Firmly grasp both sides of oven door along the door sides. Do not use the oven door handle (See [Figure 50](#)).
4. Close the door to approximately 10 degrees from the door frame (See [Figure 50](#)).
5. Lift the oven door hinge arms over the roller pins located on each side of the oven frame (See [Figure 51](#)).

To replace oven door:

1. Firmly grasp both sides of oven door along the door sides. Do not use the oven door handle (See [Figure 50](#)).
2. Holding the oven door at the same angle as the removal position, seat the hook of the hinge arm over the roller pins located on each side of the oven door frame (See [Figure 50](#) and [Figure 51](#)). The hook of the hinge arms must be fully seated onto the roller pins.
3. Fully open the oven door, horizontal with floor (See [Figure 48](#)).
4. Push the door hinge locks up towards and into the oven frame on both left and right oven door hinges to the locked position (See [Figure 49](#)).
5. Close the oven door.

#### IMPORTANT

Special door care instructions - Most oven doors contain glass that can break. Do not hit the glass with pots, pans, or any other object. Scratching, hitting, jarring, or stressing the glass may weaken its structure, causing an increased risk of breakage at a later time. Do not close the oven door until all of the oven racks are fully in place.

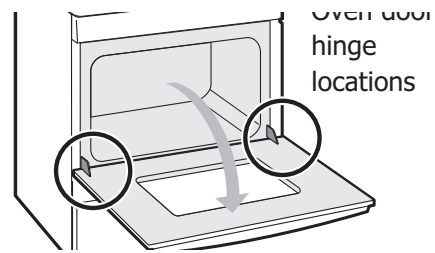


Figure 48: Door hinge location

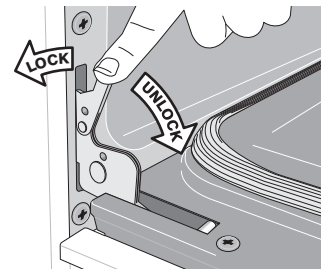


Figure 49: Door hinge locks

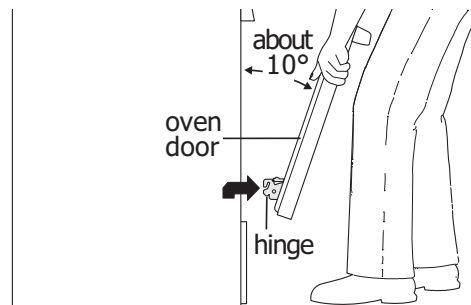


Figure 50: Holding door for removal

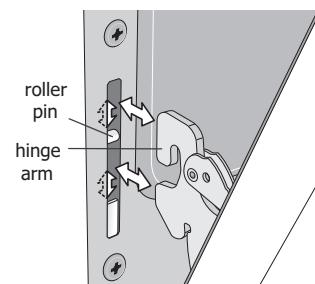


Figure 51: Replacement and location of hinge arm and roller pin

## CARE AND CLEANING

### Replacing the Oven Light

#### **CAUTION**

Be sure the oven is unplugged and all parts are cool before replacing the oven light.

#### Replacing the oven interior light bulb:

The interior oven light is located at the rear of the oven cavity and covered with a glass shield. The glass shield must be in place whenever the oven is in use (Figure 52).

1. Turn electrical power off at the main source or unplug the appliance.
2. Remove the interior oven light shield after removing the wire holder by carefully moving the wire to the side of the glass shield. The tension from the wire holds the glass shield in place.
3. Pull the shield straight out. Do not twist or turn.
4. Replace the bulb with a new appliance bulb.
5. Replace the glass oven light shield. Replace wire holder.
6. Turn the power back on again at the main source (or plug the appliance back in).
7. Be sure to reset the time of day on the clock.

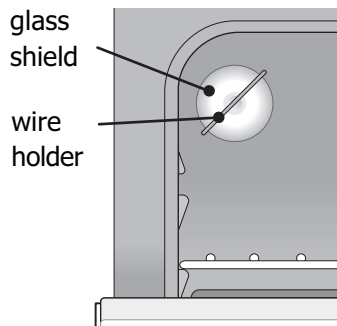


Figure 52: Oven light protected by glass shield

### Remove and replace storage drawer (some models)

Use the storage drawer for storing cooking utensils. The drawer can be removed to facilitate cleaning under the range. Use care when handling the drawer.

#### To remove the drawer:

1. Pull empty drawer out until it stops.
2. Tilt up the front of the drawer up and pull it out over the glide stop.

#### To replace the drawer:

1. Insert the back of the drawer into the opening.
2. Lift up the drawer and line up the drawer supports with the rails. Make sure to clear the glide stop.
3. Push in the drawer until it stops.

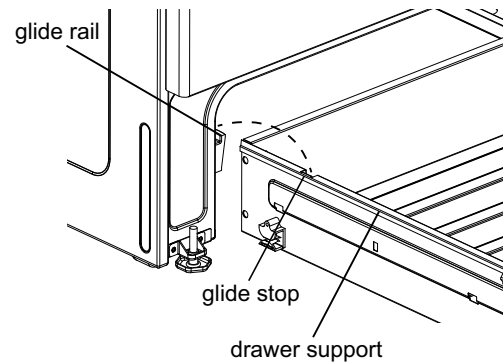







Figure 53: Parts of storage drawer

## BEFORE YOU CALL

### Oven Baking

For best cooking results, preheat the oven before baking cookies, breads, cakes, pies, pastries, etc. There is no need to preheat the oven for roasting meat or baking casseroles. The cooking times and temperatures needed to bake a product may vary slightly from your previously owned appliance.

#### Baking Problems and Solutions

Baking Problems	Causes	Corrections
<p>Cookies and biscuits burn on the bottom.</p> 	<ul style="list-style-type: none"> <li>• Cookies and biscuits put into oven before oven is preheated.</li> <li>• Oven rack is overcrowded.</li> <li>• Dark pan absorbs heat too fast.</li> </ul>	<ul style="list-style-type: none"> <li>• Allow oven to preheat to desired temperature before placing food in oven.</li> <li>• Choose pan sizes that will permit at least 2" of air space (5.1 cm) on all sides when placed in the oven.</li> <li>• Use a medium weight shiny baking sheet.</li> </ul>
<p>Cakes too dark on top or bottom</p> 	<ul style="list-style-type: none"> <li>• Cakes put in oven before oven is preheated.</li> <li>• Rack position too high or too low.</li> <li>• Oven too hot.</li> </ul>	<ul style="list-style-type: none"> <li>• Allow oven to preheat to the selected temperature before placing food in the oven.</li> <li>• Use proper rack position for baking needs.</li> <li>• Set oven temperature 25°F (13°C) lower than recommended.</li> </ul>
<p>Cakes not done in center</p> 	<ul style="list-style-type: none"> <li>• Oven too hot.</li> <li>• Incorrect pan size.</li> <li>• Pan not centered in oven.</li> <li>• Glass cookware slow heat conductor.</li> </ul>	<ul style="list-style-type: none"> <li>• Set oven temperature 25°F (13°C) lower than recommended.</li> <li>• Use pan size suggested in recipe.</li> <li>• Use proper rack position and place pan so there are at least 2" (5.1 cm) of space on all sides of pan.</li> <li>• Reduce temperature and increase cook time or use shiny bakeware.</li> </ul>
<p>Cakes not level.</p> 	<ul style="list-style-type: none"> <li>• Oven not level.</li> <li>• Pan too close to oven wall or rack overcrowded.</li> <li>• Pan warped.</li> <li>• Oven light left on while baking.</li> </ul>	<ul style="list-style-type: none"> <li>• Place a marked glass measuring cup filled with water on the center of the oven rack. If the water level is uneven, refer to the installation instructions for leveling the oven.</li> <li>• Use proper rack position and place pan so there are at least 2" (5.1 cm) of space on all sides of pan.</li> <li>• Do not use pans that are dented or warped.</li> <li>• Do not leave the oven light on while baking.</li> </ul>
<p>Foods not done when cooking time is over.</p> 	<ul style="list-style-type: none"> <li>• Oven too cool.</li> <li>• Oven overcrowded.</li> <li>• Oven door opened too frequently.</li> </ul>	<ul style="list-style-type: none"> <li>• Set oven temperature 25°F (13°C) higher than suggested and bake for the recommended time.</li> <li>• Be sure to remove all pans from the oven except the ones to be used for baking.</li> <li>• Open oven door only after the shortest recommended baking time.</li> </ul>

## Solutions to Common Problems:

Before you call for service, review the following list. It may save you time and expense. Possible solutions are provided with the problem listed.

Problem	Cause / Solution
Entire appliance does not operate.	Appliance not connected. Make sure power cord is plugged properly into outlet. Check your fuse box or breaker box to make sure the circuit is active.  Electrical power outage. Check house lights to be sure. Call your local electric company for service outage information.
<b>Oven Problems</b>	
Poor baking results.	Many factors affect baking results. Use proper oven rack position. Center food in the oven and space pans to allow air to circulate. Preheat the oven to the set temperature before placing food in the oven. Try adjusting the recipe's recommended temperature or baking time. See <a href="#">"Adjusting Oven Temperatures"</a> on <a href="#">page 42</a> if you feel the oven is too hot or too cool.
Flames inside oven or smoking from oven vent.	Excessive spills in oven. Grease or food spilled onto the oven bottom or oven cavity. Wipe up excessive spills before starting the oven. If flames or excessive smoke are present when using broil, see <a href="#">"Setting Broil"</a> on <a href="#">page 31</a> .
Oven smokes excessively when broiling.	Incorrect setting. Follow the Setting Broil instructions on page 32.  Meat too close to the broil element or burner. Reposition the broil pan to provide proper clearance between the meat and broil element or burner. Remove excess fat from meat. Cut remaining fatty edges to prevent curling, but do not cut into lean.  Grease build up on oven surfaces. Regular cleaning is necessary when broiling frequently. Grease or food splatters will cause excessive smoking.
Oven control panel beeps and displays any F or E code error.	Oven control has detected a fault or error condition. To clear the error, press the <b>OFF</b> key on the control panel. Once the error code is cleared, try the bake or broil function. If the F or E code error repeats, turn off the power to appliance, wait 5 minutes, and then repower the appliance. Set the clock with correct time of day. Try the bake or broil function again. If the fault recurs, press the <b>OFF</b> key to clear.
Oven portion of appliance does not operate.	The time of day is not set. The clock must be set in order to operate the oven. See <a href="#">"Setting the Clock"</a> on <a href="#">page 24</a> .  Be sure the oven controls are set properly for the desired function. See Oven Controls starting on page 25 and review instructions for the desired cooking function in this manual or see Entire appliance does not operate in this checklist.
Convection fan does not rotate.	Oven door is open. The convection fan will turn off if the oven door is opened when convection is active. Close the oven door..

## BEFORE YOU CALL

Problem	Cause / Solution
<b>Electric Cooktop Problems</b>	
Surface element is too hot or not hot enough.	Incorrect surface control setting. Adjust power level setting.
Surface element does not heat or does not heat evenly.	Be sure the correct surface control knob is turned on for the element needed. Cookware is light weight or warped. Use only flat, evenly balanced, medium or heavy-weight cookware. Flat pans heat better than warped pans. Cookware materials and weight of the material affect heating. Heavy and medium-weight pans heat evenly. Because lightweight pans heat unevenly, foods may burn easily.
<b>Smooth Cooktop Problems</b>	
Areas of discoloration with metallic sheen on cooktop surface.	Mineral deposits from water and food. Remove them using cooktop cleaning creme applied to the ceramic surface. Buff with a non-abrasive cloth or sponge.
Scratches or abrasions on cooktop surface.	Coarse particles such as salt or hardened soils between cooktop and utensils can cause scratches. Be sure the cooktop surface and bottoms of utensils are clean before use. Small scratches do not affect cooking and will become less visible with time.  Cleaning materials not recommended for ceramic-glass cooktop have been used. Apply cooktop cleaning creme to the ceramic surface. Buff with a non-abrasive cloth or sponge.  Cookware with a rough bottom was used. Use smooth, flat-bottomed cookware.
Metal marks on the cooktop.	Sliding or scraping of metal utensils on cooktop surface. Do not slide metal utensils on the cooktop surface. Apply cooktop cleaning creme to the ceramic surface. Buff with a non-abrasive cloth or sponge. For more information, see <a href="#">“Cooktop Maintenance”</a> on page 49.
Brown streaks or specks on cooktop surface.	Boil overs are cooked onto the surface. When cooktop is cool, use a razor blade scraper to remove soil. For more information see <a href="#">“Cooktop Maintenance”</a> on page 48.
<b>Self Clean Problems</b>	
Self clean does not work.	Oven control not set properly. See Setting Self Clean on page 45.
Oven racks discolored or do not slide easily.	Oven racks left in oven cavity during self clean. Remove oven racks from oven cavity before starting a self-clean cycle. Clean by using a mild abrasive cleaner following manufacturer's instructions. Rinse with clean water, dry, and replace in oven.
Soil not completely removed after self clean.	Self clean was interrupted. Review instructions on Self Cleaning on page 45.  Excessive spills on oven bottom. Remove excessive spills before starting self clean.  Failure to clean soil from the oven frame, the door liner outside the oven door gasket, and the small area at the front center of the oven bottom. These areas are not in the self-cleaning area, but get hot enough to burn on residue. Clean these areas before starting the self-cleaning cycle. Burned-on residue can be cleaned with a stiff nylon brush and water or a nylon scrubber. Be careful not to damage the oven gasket.

## BEFORE YOU CALL

<b>Problem</b>	<b>Cause / Solution</b>
Appliance is not level.	<p>Be sure the floor is level, strong, and stable enough to adequately support the range. If the floor is sagging or sloping, contact a carpenter to correct the situation.</p> <p>Poor installation. Place the oven rack in the center of the oven. Place a level on the oven rack. Adjust the leveling legs at the base of the appliance until the rack is level.</p> <p>Kitchen cabinet alignment may make range appear not level. Be sure cabinets are square and have sufficient room for appliance clearance.</p>
Cannot move appliance easily. Appliance must be accessible for service.	<p>Cabinets not square or are built in too tightly. Contact the builder or installer to make the appliance accessible.</p> <p>Carpet interferes with appliance. Provide sufficient space so the appliance can be lifted over carpet. Installation over carpet is not advised. See the installation instructions for guidelines specific to your appliance.</p>
Oven light does not work.	<p>Be sure the oven light is secure in the socket. See <a href="#">"Replacing the Oven Light"</a> on <a href="#">page 51</a>.</p>

# WARRANTY

Your appliance is covered by a one year limited warranty. For one year from your original date of purchase, Electrolux will pay all costs for repairing or replacing any parts of this appliance that prove to be defective in materials or workmanship when such appliance is installed, used and maintained in accordance with the provided instructions.

## Exclusions

This warranty does not cover the following:

1. Products with original serial numbers that have been removed, altered or cannot be readily determined.
2. Product that has been transferred from its original owner to another party or removed outside the USA or Canada.
3. Rust on the interior or exterior of the unit.
4. Products purchased "as-is" are not covered by this warranty.
5. Food loss due to any refrigerator or freezer failures.
6. Products used in a commercial setting.
7. Service calls which do not involve malfunction or defects in materials or workmanship, or for appliances not in ordinary household use or used other than in accordance with the provided instructions.
8. Service calls to correct the installation of your appliance or to instruct you how to use your appliance.
9. Expenses for making the appliance accessible for servicing, such as removal of trim, cupboards, shelves, etc., which are not a part of the appliance when it is shipped from the factory.
10. Service calls to repair or replace appliance light bulbs, air filters, water filters, other consumables, or knobs, handles, or other cosmetic parts.
11. Surcharges including, but not limited to, any after hour, weekend, or holiday service calls, tolls, ferry trip charges, or mileage expense for service calls to remote areas, including the state of Alaska.
12. Damages to the finish of appliance or home incurred during installation, including but not limited to floors, cabinets, walls, etc.
13. Damages caused by: services performed by unauthorized service companies; use of parts other than genuine Electrolux parts or parts obtained from persons other than authorized service companies; or external causes such as abuse, misuse, inadequate power supply, accidents, fires, or acts of God.

## DISCLAIMER OF IMPLIED WARRANTIES; LIMITATION OF REMEDIES

CUSTOMER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR OR REPLACEMENT AS PROVIDED HEREIN. CLAIMS BASED ON IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW, BUT NOT LESS THAN ONE YEAR. ELECTROLUX SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES SUCH AS PROPERTY DAMAGE AND INCIDENTAL EXPENSES RESULTING FROM ANY BREACH OF THIS WRITTEN LIMITED WARRANTY OR ANY IMPLIED WARRANTY. SOME STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES, SO THESE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WRITTEN WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

## If You Need Service

Keep your receipt, delivery slip, or some other appropriate payment record to establish the warranty period should service be required. If service is performed, it is in your best interest to obtain and keep all receipts. Service under this warranty must be obtained by contacting Electrolux at the addresses or phone numbers below.

This warranty only applies in the USA and Canada. In the USA, your appliance is warranted by Electrolux Major Appliances North America, a division of Electrolux Home Products, Inc. In Canada, your appliance is warranted by Electrolux Canada Corp. Electrolux authorizes no person to change or add to any obligations under this warranty. Obligations for service and parts under this warranty must be performed by Electrolux or an authorized service company. Product features or specifications as described or illustrated are subject to change without notice.

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1.800.944.9044  
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