

# FRIGIDAIRE

All about the

# Use & Care

of your Gas Range



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## PRODUCT RECORD AND REGISTRATION

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### 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**.

### Product Registration

Registering your product with Frigidaire enhances our ability to serve you. Register online at [www.frigidaire.com](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**

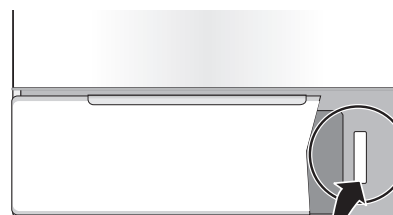
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**Frigidaire model number**

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**Frigidaire serial number**

**Serial Plate Location-** Left side of oven frame



### 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>.

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

**FOR YOUR SAFETY:** Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

#### **WHAT TO DO IF YOU SMELL GAS:**

- Do not try to light any appliance.
- Do not touch any electrical switch.
- Do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, servicer or the gas supplier.

## IMPORTANT SAFETY INSTRUCTIONS

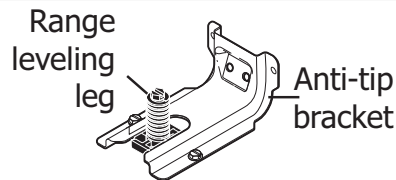
### WARNING



#### **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 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.

### WARNING

Air curtain or other overhead range hoods which operate that operate by blowing a downward air flow onto a range or cooktop, shall not be used in conjunction with gas ranges or cooktops other than when the range or cooktop and hood have been designed, tested, and listed by an independent test laboratory for use in combination with each other.

### **GROUNDING INSTRUCTIONS**

#### WARNING

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

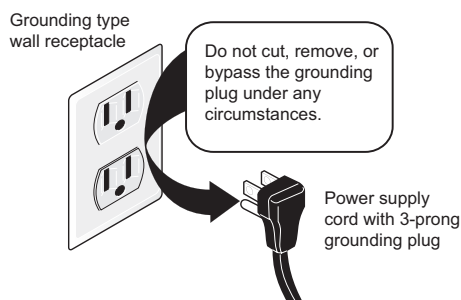
Avoid fire hazard or electrical shock. Do not use an adapter plug, use an extension cord, or remove grounding prong from the power cord. Failure to follow this warning may cause serious injury, fire, or death.

## IMPORTANT SAFETY INSTRUCTIONS

**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.



This appliance is equipped with a 3-prong grounding plug for your protection against shock hazard and should be plugged directly into a properly grounded receptacle. Do not cut or remove the grounding prong from this plug.

For personal safety, the appliance must be properly grounded. For maximum safety, the power cord must be plugged into an electrical

outlet that is correctly polarized and properly grounded.

If a 2-prong wall receptacle is the only available outlet, it is the personal responsibility of the consumer to have it replaced with a properly grounded 3-prong wall receptacle, installed by a qualified technician.

### Conversion to (L.P.) Gas

This appliance allows for conversion to Liquefied Petroleum (L.P.) Gas.

#### **! WARNING**

Personal injury or death from electrical shock may occur if the conversion to L.P. gas is not made by a qualified installer or electrician. Any additions, changes or conversions required in order for this appliance to satisfactorily meet the application needs must be made by a qualified technician.

If L.P. conversion is needed, contact your local L.P. Gas provider for assistance.

See the installation instructions packaged with this appliance for complete installation and grounding instructions.

## 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 back-guards 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.

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.

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 SAFETY INSTRUCTIONS

### IMPORTANT INSTRUCTIONS FOR USING YOUR GAS COOKTOP

#### CAUTION

Use Proper Flame Size — Adjust flame size so it does not extend beyond the edge of the utensil. The use of undersized utensils will expose a portion of the burner flame to direct contact and may result in ignition of clothing. Proper relationship of utensil to flame will also improve efficiency.

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.

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 heating element. The use of undersized cookware may expose a portion of the flame to direct contact and may result in the ignition of clothing or other items. Using the proper cookware on the cooking areas will improve efficiency.

Always turn knob to the full LITE position when igniting top burners. Visually check that burner has lit. Then adjust the flame so it does not extend beyond the edge of the utensil.

To reduce the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the utensil, the handle of the utensil should be positioned so that it is turned inward, and does not extend over adjacent surface burners

Never leave surface burners unattended at high heat settings — Boil overs cause smoking and greasy spill overs that may ignite, or a pan that has boiled dry may melt.

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

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

## IMPORTANT SAFETY INSTRUCTIONS

### IMPORTANT INSTRUCTIONS FOR USING YOUR OVEN

Protective liners—Do not use aluminum foil, after-market 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 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 SAFETY INSTRUCTIONS

### 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.


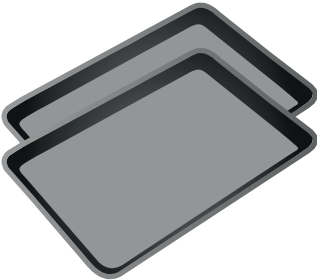

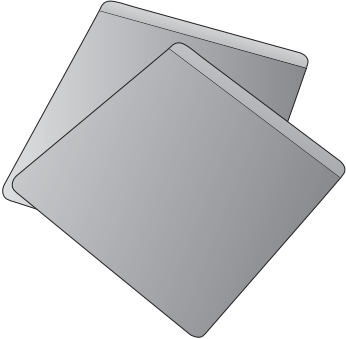
Do not touch a hot oven light bulb with a damp cloth. Doing so could cause the bulb to break. Handle halogen lights (if equipped) with paper towels or soft gloves. Disconnect the appliance or shut off the power to the appliance before removing and replacing the bulb.

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

## 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 under cooked, 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.

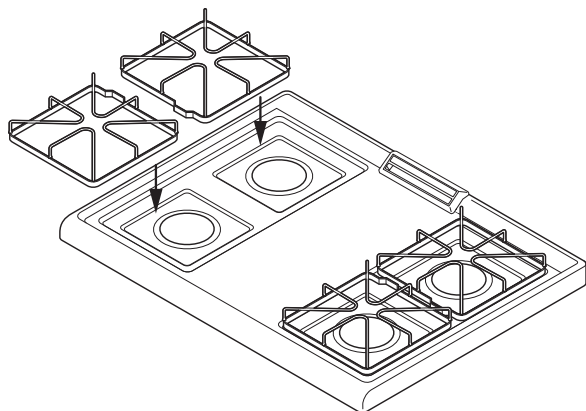
Cooking	Tips
<b>Baking</b>	
Rack placement	Follow the instructions in Oven Controls on starting on page 18. When using only one rack, place the rack so the food is in the center of the oven.
Preheat	Fully preheat the oven before baking items like cookies, cakes, biscuits and breads. Insert food immediately after the beep.
Checking food	Use the window and oven light when checking food. Opening the door may reduce baking performance.
Food placement	Allow at least 2 inches (5 cm) of space between bakeware for proper air circulation.

# COOKING RECOMMENDATIONS

Cooking	Tips
Broiling / Roasting	
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>

## BEFORE SETTING SURFACE CONTROLS

### Grate installation



**Figure 1: Grate installation**

To install burner grates, place the grates flat-side down and align them into the cooktop recess.

### → IMPORTANT

- Missing pieces or improper installation may lead to spills, burns, or damage to your range and cookware.
- Make sure the burner grates are properly placed on the cooktop before using the surface burners (Figure 1). Grates should rest flush against each other and against the sides of the recess.
- Do not line the area underneath the grates or any part of the cooktop with aluminum foil or with any other lining.
- Never place flammable items on the cooktop.

### Gas surface burners

The cooktop is equipped with four gas surface burners and grates to support cookware over the burners.

Always select cookware that is suitable for the amount and type of food being prepared. Set the flame size appropriately for the pan. Never allow flames to extend beyond the outer edge of the pan.

### ⚠ CAUTION

Do not allow spills, food, cleaning agents, or any other material to enter the gas burner opening.

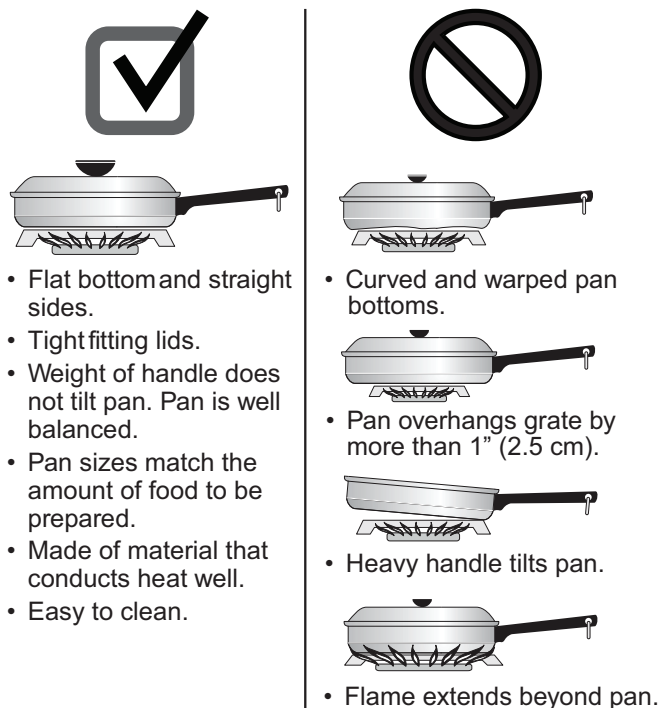
### Using Proper Cookware

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 2 and Figure 3.



**Figure 2: Testing cookware**

Check for flatness by rotating a ruler across the bottom of the cookware (See Figure 2). Cookware should have flat bottoms that make good contact with the burner grate (See Figure 3).



**Figure 3: Proper cookware**

## BEFORE SETTING SURFACE CONTROLS

### Cookware Material Types

The cookware material determines how evenly and quickly heat is transferred from the surface burner 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).
- **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.
- **Porcelain-enamel on metal** - Heating characteristics will vary depending on base material.
- **Glass** - Slow heat conductor.

### CAUTION

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 range cooktop.

### IMPORTANT

Do not place aluminum foil, or ANY material that can melt on the range cooktop. If these items melt they may damage the cooktop.

### CAUTION

Do not straddle cookware over two burner areas unless the cookware is specifically designed for that purpose.



## SETTING SURFACE CONTROLS

### Setting surface controls

Your gas appliance is equipped with four burners.

It is important to select cookware that is suitable for the amount and type of food being prepared. Select a flame size appropriate for the cookware size.

#### Setting a surface burner:

1. Place cooking utensil on center of surface burner grate. Be sure the cooking utensil rests stable on the burner grate.
2. Push the desired surface control knob in and turn counterclockwise out of the OFF position (Figure 4).
3. Release the surface control knob and rotate to the LITE position (🔥). Visually check that the burner has a steady gas flame.
4. Once the surface burner has a flame, push the surface control knob in and turn counterclockwise to the desired flame size setting. Adjust the flame as needed using the knob markings.

### ⚠ CAUTION

Do not place flammable items such as plastic wrappings, spoon holders, or plastic salt and pepper shakers 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 burners.

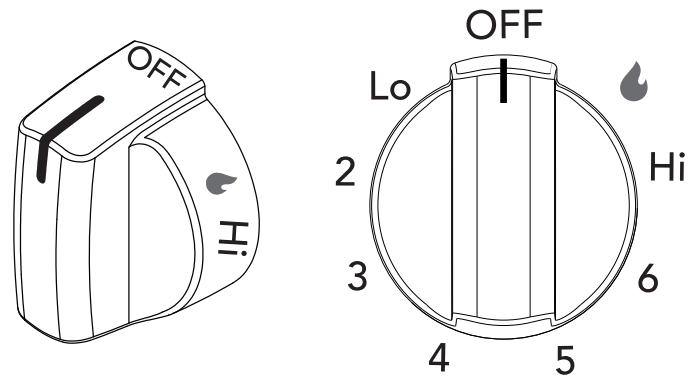


Figure 4: Surface control knob

### ➡ IMPORTANT

- NEVER place or straddle a cooking utensil over two different surface cooking areas at the same time unless the cookware is specifically designed for the purpose.
- DO NOT cook with a surface control knob left in the lite position (🔥). The electronic ignitor will continue to spark. Turn the control knob out of the lite position and adjust the flame size.
- Do not place aluminum foil, or ANY material that can melt on the range cooktop. If items melt, they may permanently damage the appearance of the cooktop.

### 📌 NOTE

- When setting a surface control knob to the lite position, all of the electronic surface ignitors will spark at the same time. However, only the surface burner you are setting will ignite.
- In the event of an electrical power outage, the surface burners may be lit manually. To light a surface burner, hold a lit match to the burner head, then slowly turn the surface control knob to lite. Once the burner ignites, push in and turn knob out of lite then to the desired flame setting. Use caution when lighting surface burners manually.

## SETTING SURFACE CONTROLS

### Set proper burner flame size

The gas flame should be clear, blue, and hardly visible in a well-lighted room. Each cone of flame should be steady and sharp. Adjust or clean burner if flame is yellow-orange.

**For most cooking:** start on the highest setting and then turn to a lower setting to complete the process. Use the recommendations below as a guide to setting flame size for various types of cooking (Figure 5).

**For deep fat frying:** use a thermometer and adjust the flame accordingly. If the fat is too cool, the food will absorb the fat and be greasy. If the fat is too hot, the food will brown so quickly that the center will be undercooked.

Do not attempt to deep fat fry too much food at once, as the food will neither brown or cook properly.

Flame size	Type of cooking
High flame	Start most foods; bring water to a boil; pan broiling
Medium flame	Maintain a slow boil; thicken sauces, gravies; steaming
Low flame	Keep foods cooking; poach; stewing
These settings are for medium-weight metal or aluminum pans with lids. Settings may vary when using other types of pans (see "Set proper burner flame size" on page 10).	

Figure 5: Recommended flame for cooking

### CAUTION

Never extend the flame beyond the outer edge of the cooking utensil. A higher flame wastes energy, and increases your risk of being burned (Figure 6).

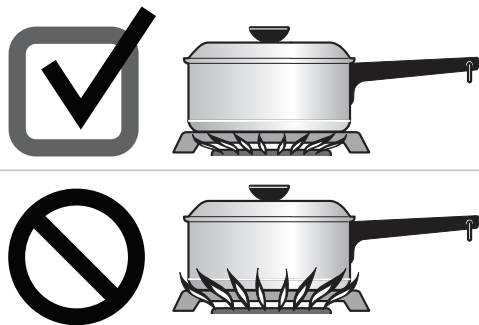


Figure 6: Flame settings

### 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.

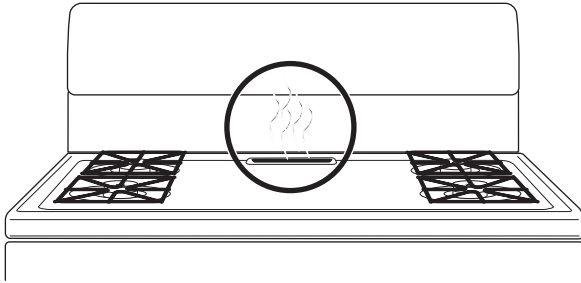


Figure 7: Oven vent

### ! 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.

### ! 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.
- 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.

### Types of oven racks

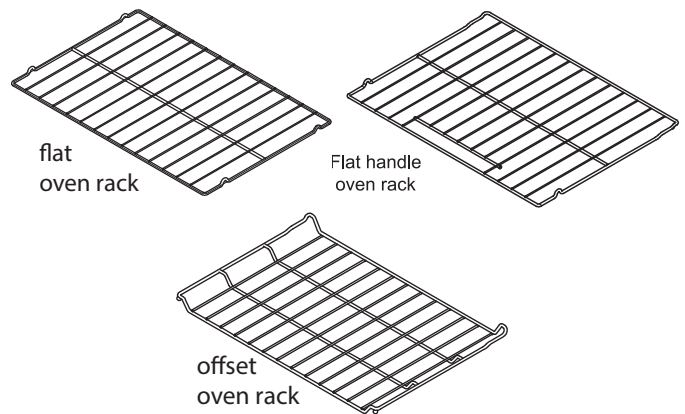


Figure 8: Oven rack types

- **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.

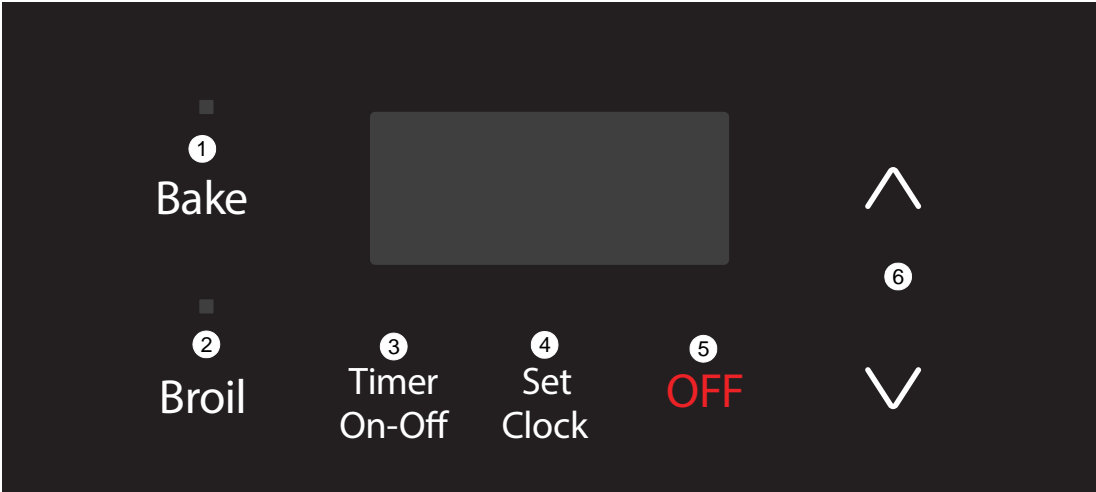
### Removing, replacing, and arranging flat or offset oven racks

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.

OVEN CONTROLS





Oven Control Features


- 1. **Bake** - Use to select for all baking.
- 2. **Broil** - Use to select the broil feature. When broil is active the indicator light above the broil key will glow.
- 3. **Timer On-Off** - Use to set or cancel the minute timer. The minute timer does not start or stop cooking.
- 4. **Set Clock** - Use with up or down arrows to set the time of day.
- 5. **OFF** - Use to stop or to clear any feature previously entered except time of day and minute timer. Press OFF to stop cooking.
- 6. **Up and Down arrow keys** - Use with the feature or function pads to set oven temperature or to adjust the clock or minute timer.

Setting the Clock

When the appliance is first plugged in or when the power supply to the appliance has been interrupted, the display will flash **12:00**. It is recommended to always set the clock for the correct time of day before using the appliance.

To set the clock:

- 1. Press **Set Clock** once (do not hold clock key down).
- 2. Within 5 seconds, press and hold  or  until the correct time of day appears in the display.

 **NOTE**

The clock cannot be changed when the oven is set for cooking.

Minimum and Maximum Settings



Feature	Mode	Min Temp or Time	Max.Temp or Time
Bake		170°F (77°C)	550°F (288°C)
Broil		LO 400°F (205°C)	HI 550°F (288°C)
Timer	12 Hr. Mode 24 Hr. Mode	1 minute	11 hrs 59 mins
Clock Time	12 Hr. Mode 24 Hr. Mode	1:00 Hr./Min. 0:00 Min	12:59 Hr./Min. 23:59 Hr./Min.

## OVEN CONTROLS

### Temperature display (Fahrenheit/Celsius)

The electronic oven control is set to operate in Fahrenheit (°F) at the factory. The oven may be programmed for any temperature from 170°F to 550°F (77°C to 288°C).

**To change the temperature to Celsius (°C) or from °C to °F:**

1. Press **Broil** until F or C appears in the display.
2. Press  or  to change °F to °C or °C to °F. To accept the change, wait 6 seconds until the oven control provides an acceptance beep.
3. The display will return to the time of day.

### Changing between continuous bake setting or 12-hour energy saving feature

The oven control has a built-in 12-hour energy saving feature that will shut off the oven if the oven is left on for more than 12 hours. The oven control can be programmed to override this feature for continuous baking.

**To change the continuous bake setting:**



1. Press and hold **Timer on-off** for 6 seconds until a tone sounds. — — **hr** will appear in the display for continuous cooking. The current time of day will return to the display.
2. To cancel the continuous bake setting, press **Timer on-off** and hold for 6 seconds until a tone sounds. **12 hr** will appear in display indicating that the control has returned to the 12-hour energy saving feature.

### Operating oven light


The interior oven light will automatically turn ON when the oven door is opened. Press the oven light switch located on the upper left control panel to turn the interior oven light ON and OFF whenever the oven door is closed.



### Setting the minute timer

1. Press **Timer on-off**.
2. Press  to increase time in one-minute increments. Press and hold  to increase time in 10-minute increments. The timer can be set for any amount of time from 1 minute to 11 hours and 59 minutes.

#### **NOTE**



If  is pressed first, the timer will advance to 11 hours and 59 minutes.

When the set time ends, the timer will beep three times and will continue to beep three times every minute until **Timer on-off** is pressed.

#### **NOTE**

The minute timer will not start or stop the cooking process. The minute timer can be used alone or while using any of the other oven features. If another feature is active when the minute timer is active, the minute timer will show in the display. To view information about other active features, press the key for that feature.

### To change the timer while it is in use:

While the timer is active and shows in the display, press and hold  or  to increase or decrease the time remaining.

### To cancel the minute timer before the set time has run out:

1. Press **Timer on-off** once.

## OVEN CONTROLS

### Setting Bake

Bake cooks with heat that rises from the oven bottom. The heat and air circulate naturally in the oven. Follow baking recommendations for best results.

The oven can be programmed to bake at any temperature from 170°F to 550°F (77°C to 288°C). The factory preset automatic bake temperature is 350°F (177°C).

#### For best bake results:

- Fully preheat the oven before baking items like cookies, cakes, biscuits, and breads.
- Use rack position 3 when baking most items on a single oven rack.
- When baking a layer cake using a single oven rack, use rack position 4.
- When baking using two oven racks, position cookware to allow at least 2 inches (5 cm) of space between cookware for proper air circulation.
- For best results when baking layer cakes using 2 oven racks, place bakeware on rack positions 2 and 4. See [Figure 9](#).

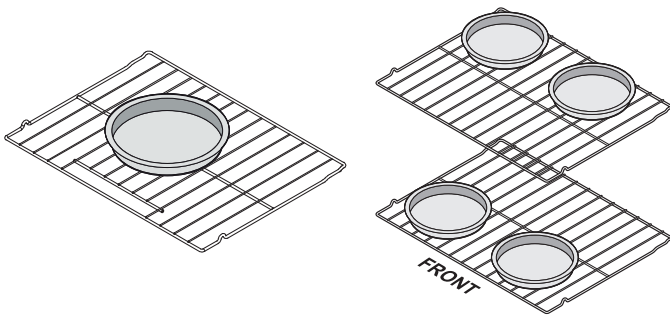






Figure 9: Pan spacing recommendations

#### To set Bake:

1. Press **Bake**. — — — appears in the display.
2. Within 5 seconds, press  or . The display will show **350°F** (177°C). The temperature can then be adjusted in 5°F (1°C) increments.
3. When a key is released, the oven will begin heating to the selected temperature. When the oven reaches the set temperature, the preheat indicator light will turn off and the control will beep three times.
4. To cancel the baking function, press **OFF**.

#### To change oven temperature after Bake has started:

1. Press **Bake**.
2. Press  or  to increase or decrease to a new temperature. The oven indicator light on the electronic display will turn on and off when using the bake feature and during preheat. This is normal and indicates that the oven is cycling to maintain the selected baking temperature. To cancel baking press **OFF**.

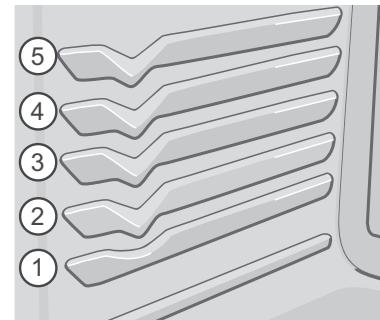


Figure 10: Rack positions



## OVEN CONTROLS

### Setting Broil

Broiling is direct heat cooking and will produce some smoke. If smoke is excessive, place food further away from the element. Watch food to prevent burning.

When broiling, always remember to arrange the oven racks while oven is still cool.

#### **! 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 the fire. Flour may be explosive.

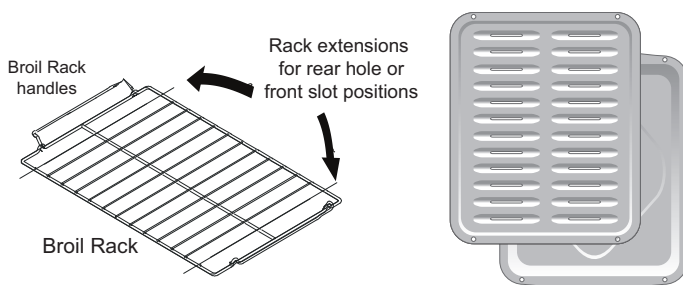
Do not use broiler drawer for storage. Items placed in broiler drawer will catch fire.

#### **! CAUTION**

Always wear oven mitts when using the oven or broiler drawer. When cooking, the oven, broiler drawer and racks will become very hot and could cause burns.

### Broiling Suggestions:

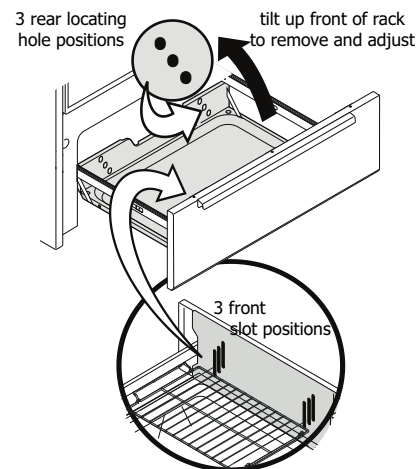
- For medium doneness, position the broiler rack in the top or middle locating hole positions. For well-done foods such as chicken or thick cuts of meat, use rack in the lowest position.
- For optimum browning, close broiler drawer and preheat broiler 5 minutes before adding food.



**Figure 11:** Broil rack (L) Broil pan and insert (R)

### Arranging the broil rack

1. Tilt rack slightly up.
2. Place extensions into the desired rear locating holes.
3. Lower front of rack into the slots in the front of the broiler drawer.
4. Make sure broil rack is level. (Figure 12)
5. Be sure rack is level before broiling.



**Figure 12:** Setting broil rack

### To set Broil

1. Slide broiler drawer out until drawer stops. Arrange the oven rack while oven is still cool.
2. Press **Broil**. — — will appear in display.
3. Press **HI** for HI broil or **LO** for LO broil.
4. If using a broiler pan and insert, place the insert on the broil pan then place the food on the broil pan insert. The broiler pan and the insert allow grease to drain and be kept away from the high heat of the broiler.
5. Place the broiler pan and insert on the broil rack.
6. Broil on one side until food is browned. Turn and broil food on second side.

#### **! NOTE**

Always pull the broiler drawer out to the stop position before turning or removing food.

7. When broiling is finished press **OFF**.


## OVEN CONTROLS


### Adjusting the oven temperature

Your appliance has been factory calibrated and tested to ensure an accurate baking temperature. 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 can adjust the control so the oven cooks hotter or cooler than the temperature displayed.

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 degrees from actual temperatures.

#### To adjust oven temperature:

1. Press and hold the **Bake** key and release when the display shows the factory temperature setting of **00**. If the oven temperature has been previously adjusted from the factory setting, the last adjusted value will appear in the display instead.
2. The temperature can now be adjusted up +35°F (+19°C), in 5°F increments with each press of the  key.

3. When lowering the oven temperature using the  key, minus sign (-) will appear before the number to indicate that the oven will be cooler by the displayed amount of degrees.
4. To accept the change, wait for the oven control to provide an acceptance beep.

#### NOTE

- Oven temperature adjustments made will not affect the Broil temperatures.
- If the display is set for Celsius, adjustments made will be in 1°C increments each press of arrow keys.
- If at any time during the process of adjusting the oven temperature feature you decide not to make the change, press the **OFF** key once before the acceptance beep.

## CARE AND CLEANING

### Cleaning various part of the oven

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.

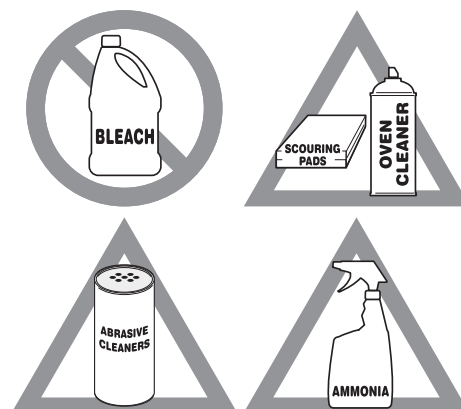


Figure 13: Use cleaners with caution

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 (some models)	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	
Manual clean oven interior	The oven interior is porcelain coated and safe to clean using oven cleaners. Always follow manufacturer's instructions for cleaners. After cleaning, remove any oven cleaner or the porcelain may become damaged during future heating. Do not spray oven cleaner on any electrical controls or switches. Do not spray or allow oven cleaner to build up on the oven temperature sensing probe. Do not spray cleaner on oven door trim, door gasket, plastic drawer glides, handles or any exterior surfaces of the appliance.
Oven door	<p>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.</p> <p>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.</p>
Gas cooktop surface burners	See <a href="#">“Cleaning the cooktop and surface burners”</a> instructions on <a href="#">page 25</a> .
Gas cooktop surface grates	Use a non-abrasive plastic scrubbing pad and mild abrasive cleanser. Do not allow food spills with a high sugar or acid content (milk, tomatoes, sauerkraut, fruit juices or pie filling) to remain on the burner grates. These spills may cause a dull spot even after cleaning. Clean these spills as soon as surfaces are cool. Thoroughly dry immediately following cleaning.

## CARE AND CLEANING

### General Cleaning

Refer to “[Cleaning various part of the oven](#)” on [page 23](#) for more detailed information about cleaning specific parts of the range.

#### CAUTION

Before manually cleaning any part of the range, be sure all controls are turned off and the range is cool. The range may be hot and can cause burns.

If ammonia is used, it must be rinsed before operating the oven. Provide adequate ventilation.

### 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. Only use aluminum foil as recommended in this manual. 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.

### Cleaning the cooktop and surface burners

#### CAUTION

To avoid possible burns, DO NOT attempt any of the cleaning instructions provided below before turning OFF all of the surface burners and allowing them to cool. Any additions, changes or conversions required in order for this appliance to satisfactorily meet the application needs must be made by an authorized qualified Agency.

Routinely clean the cooktop. Wipe with a clean, damp cloth and wipe dry to avoid scratches.

Keeping the surface burner head ports clean will prevent improper ignition and an uneven flame.

#### To clean recessed and contoured areas of cooktop:

If a spill occurs on or in the recessed or contoured areas, blot up the spill with an absorbent cloth. Rinse with a clean, damp cloth and wipe dry.

## CARE AND CLEANING

### To clean the surface burner heads:

For proper gas flow, it may be necessary to clean the burner ports. Before cleaning be sure the gas burners are turned off. First use a clean DAMP cloth to soak up any spills. Remove any food from the burner ports using a small non-abrasive brush like a toothbrush, and afterwards wipe up using a damp cloth. For stubborn soils located in the burner ports, use a small gauge wire or needle to clean.

Any spill on or around the igniter must be carefully cleaned. Take care not to hit the igniter with anything hard, or it could be damaged.

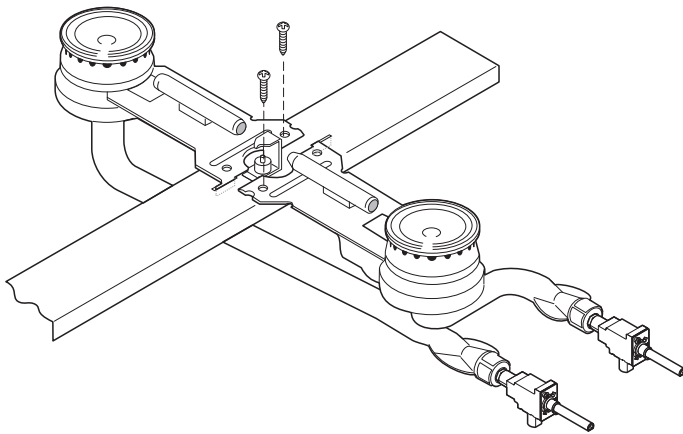


Figure 14: Burner shipping screws

### Removing and replacing surface burners

#### To remove burners:

1. Remove the shipping screws with a Phillips Head screwdriver. See [Figure 14](#) for screw locations.
2. Tilt the burner at the end closest to the support bar until the locator tab is released (front burners tilt right, rear burners tilt left). Move the burner towards the back of the range. This will separate it from the gas valve at the front of the range.

#### To replace burners:

1. Slide the burner tube over the gas valve at the front of the range (front burners fit over the right valve, rear burners fit over the left valve on each side of the range).
2. Tilt burner so that the locating tab will slide into the slot on the support bar. Make sure burners are properly seated on support bar and are level.
3. Replace the shipping screws.

### Cleaning under cooktop

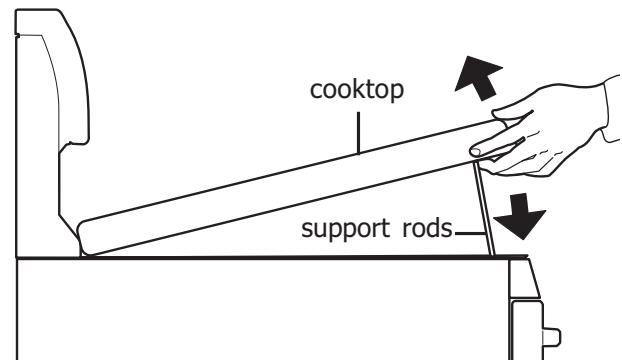


Figure 15: Raise cooktop

### ! WARNING

DO NOT turn the burners on when the cooktop is raised for cleaning. Be sure that the top is completely lowered and securely in place before turning on the surface burners.

#### To raise the cooktop for cleaning:

1. Remove burner grates when cool from cooktop and set aside.
2. Grasp the sides of the cooktop and then lift from the front (see [Figure 15](#)).
3. Lift the top high enough to allow the support rods to snap into place. The lift-up rods will support the cooktop in the raised position.
4. If necessary, clean underneath using hot, soapy water and a clean cloth; then, dry.
5. To lower the cooktop, grasp the front corner of each side of the top while pushing back on each rod with the heel of your hand. This will release the notched support. Hold the range top and gently slide the range top down to the range.

### ! CAUTION

When lowering the lift-up range cooktop, grasp the sides with finger-tips only. Be careful not to pinch fingers. Do not drop or bend the range cooktop when raising or lowering. This could damage 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 16](#)).
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 17](#)). 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 18](#)).
4. Close the door to approximately 10 degrees from the door frame (See [Figure 18](#)).
5. Lift the oven door hinge arms over the roller pins located on each side of the oven frame (See [Figure 19](#)).

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 18](#)).
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 18](#) and [Figure 19](#)). 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 16](#)).
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 17](#)).
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.

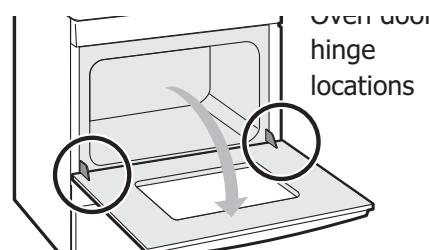


Figure 16: Door hinge location

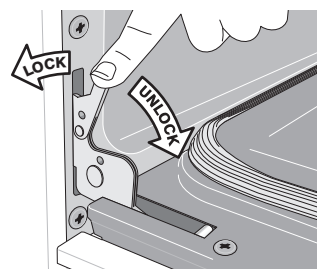


Figure 17: Door hinge locks

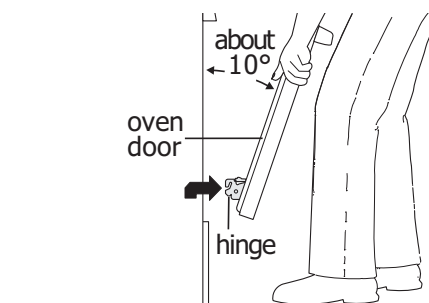


Figure 18: Holding door for removal

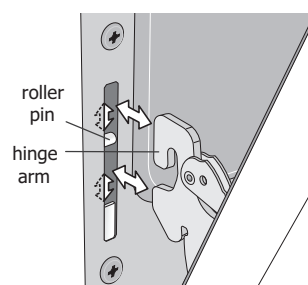


Figure 19: Replacement and location of hinge arm and roller pin

## 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 ([Figure 20](#)).

1. Turn electrical power off at the main source or unplug the appliance.
2. Replace the bulb with a new appliance bulb.
3. Turn the power back on again at the main source (or plug the appliance back in).
4. Be sure to reset the time of day on the clock.

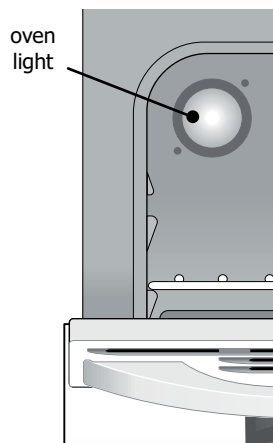







Figure 20: Oven light

## 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
Cookies and biscuits burn on the bottom. 	<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>
Cakes too dark on top or bottom 	<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>
Cakes not done in center 	<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>
Cakes not level. 	<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>
Foods not done when cooking time is over. 	<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>

## BEFORE YOU CALL

### 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 the oven temperature"</a> on <a href="#">page 22</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 21</a> .
Oven smokes excessively when broiling.	Incorrect setting. Follow the <a href="#">"Setting Broil"</a> instructions on <a href="#">page 21</a> .  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 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 18</a> .  Be sure the oven controls are set properly for the desired function. See <a href="#">"Oven Control Features"</a> starting on <a href="#">page 18</a> and review instructions for the desired cooking function in this manual or see "Entire Appliance Does not Operate" in this checklist.
<b>Gas Cooktop Problems</b>	
Surface burner flame uneven or only part way around burner cap.	Burner slots or ports are clogged. With the surface burner OFF and cool, clean ports with a small-gauge wire or needle. If moisture is present after cleaning, lightly fan the flame and allow the burner to operate until flame is full.  Burner caps are not seated properly. Check that all burner caps are level and seated correctly on the burner heads. See <a href="#">"Cleaning the cooktop and surface burners"</a> in the Care & Cleaning section on <a href="#">page 25</a> for additional cleaning instructions.

## BEFORE YOU CALL

Problem	Cause / Solution
Surface burners do not ignite.	<p>Surface control knob was not completely turned to LITE (☛). Push in and turn the surface control knob to LITE until the burner ignites and then turn the control knob to the desired flame size.</p> <p>Burner ports are clogged. With the burner OFF and cool, use a small-gauge wire or needle to clean the burner head slots and ignition ports. See <a href="#">“Cleaning the cooktop and surface burners”</a> in the Care &amp; Cleaning section on <a href="#">page 25</a> for additional cleaning instructions.</p> <p>Range power cord is disconnected from outlet (electric ignition models only). Be sure the power cord is securely plugged into the power outlet.</p> <p>Circuit is broken. Check breaker box or fuse box.</p> <p>Electrical power outage. Burners may be lit manually. See <a href="#">“Setting surface controls”</a> on <a href="#">page 15</a>.</p>
Surface burner flame is too high.	<p>Surface control knob is set too high. Adjust to a lower flame setting.</p> <p>Burner caps are not seated properly. Check that all surface burner caps are level and seated correctly on the surface burner heads. See <a href="#">“Cleaning the cooktop and surface burners”</a> in the Care &amp; Cleaning section on <a href="#">page 25</a> for additional cleaning instructions.</p> <p>Incorrect L.P. conversion. Refer to L.P. conversion kit instructions to correct.</p>
Surface burner flame is orange.	<p>Dust particles in main gas line. Allow the burner to operate a few minutes until flame turns blue. In coastal areas, a slightly orange flame is unavoidable due to salt content in the air.</p> <p>Incorrect L.P. conversion. Refer to L.P. conversion kit instructions to correct.</p>
<b>Other Problems</b>	
Appliance is not level.	<p>Be sure the floor is level, strong, and stable enough to adequately support the range.</p> <p>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 28</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.

USA  
1.800.944.9044  
Electrolux Home Products, Inc.  
10200 David Taylor Drive  
Charlotte, NC 28262



Canada  
1.800.265.8352  
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5855 Terry Fox Way  
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