

**Use & Care Guide**  
**Guía de uso y cuidada**  
**English / Español**

**Model/Modelos: 790.9419\*, 9405\*, 9618\*, 9619\***

# Kenmore<sup>®</sup>

## Electric Range

## Estufa eléctrica

\* = color number, número de color

P/N 807190801 Rev D

Sears Brands Management Corporation  
Hoffman Estates, IL 60179 U.S.A.

[www.kenmore.com](http://www.kenmore.com)  
[www.sears.com](http://www.sears.com)



# Table of Contents

Kenmore Limited Warranty.....	2	Turbo Boil Feature (some models) .....	12
Before Setting Oven Controls .....	9	Home Canning .....	12
Oven vent location .....	9	Setting Surface Controls .....	13
Before Setting Surface Controls.....	10	Radiant Surface Element Settings .....	13
Using proper cookware .....	10	Oven Controls .....	16
Cookware Material Types .....	10	Minimum and Maximum Control Settings .....	16
About the Ceramic Glass Cooktop .....	10	Self Clean .....	24
About the Radiant Surface Elements .....	11	Care & Cleaning .....	27
Element On and Hot Surface Indicator Lights .....	11	Before You Call .....	31
Types of Cooktop Surface Elements .....	11	Oven Baking .....	31
		Solutions to Common Problems .....	32

---

## Please carefully read and save these instructions

This Use & Care Guide contains operating instructions for your appliance and feature information for several models. Your product may not have all the described features. The graphics shown are representative. The graphics on your appliance may not look exactly like those shown. Common sense and caution must be practiced with installing, operating and maintaining any appliance.

## Kenmore Limited Warranty

FOR ONE YEAR from the date of sale this appliance is warranted against defects in material or workmanship when it is correctly installed, operated and maintained according to all supplied instructions.

WITH PROOF OF SALE, a defective appliance will receive free repair or replacement at option of seller.

For warranty coverage details to obtain free repair or replacement, visit the web page: [www.kenmore.com/warranty](http://www.kenmore.com/warranty)

This warranty applies for only 90 DAYS from the sale date in the United States, and is void in Canada, if this appliance is ever used for other than private household purposes.

This warranty covers ONLY defects in material and workmanship, and will NOT pay for:

1. Cracks in a ceramic glass cooktop that are not a result of thermal shock.
2. Stains and scratches on a ceramic glass cooktop resulting from accident or improper operation or maintenance.
3. Discoloration of cooktop surfaces resulting from normal use.
4. Expendable items that can wear out from normal use, including but not limited to filters, belts, bags or screw-in base light bulbs.
5. A service technician to clean or maintain this appliance, or to instruct the user in correct appliance installation, operation and maintenance.
6. Service calls to correct appliance installation not performed by Sears authorized service agents, or to repair problems with house fuses, circuit breakers, house wiring, and plumbing or gas supply systems resulting from such installation.
7. Damage to or failure of this appliance resulting from installation not performed by Sears authorized service agents, including installation that was not in accord with electrical, gas or plumbing codes.
8. Damage to or failure of this appliance, including discoloration or surface rust, if it is not correctly operated and maintained according to all supplied instructions.
9. Damage to or failure of this appliance, including discoloration or surface rust, resulting from accident, alteration, abuse, misuse or use for other than its intended purpose.
10. Damage to or failure of this appliance, including discoloration or surface rust, caused by the use of detergents, cleaners, chemicals or utensils other than those recommended in all instructions supplied with the product.
11. Damage to or failure of parts or systems resulting from unauthorized modifications made to this appliance.
12. Service to an appliance if the model and serial plate is missing, altered, or cannot easily be determined to have the appropriate certification logo.

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. Implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law. Seller shall not be liable for incidental or consequential damages. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitation on the duration of implied warranties of merchantability or fitness, so these exclusions or limitations may not apply to you.

This warranty applies only while this appliance is used in the United States or Canada\*.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

\* In-home repair service is not available in all Canadian geographical areas, nor will this warranty cover user or servicer travel and transportation expenses if this product is located in a remote area (as defined by Sears Canada Inc.) where an authorized servicer is not available.

**Sears Brands Management Corporation, Hoffman Estates, IL 60179**  
**Sears Canada Inc., Toronto, Ontario, Canada M5B 2C3**

All rights reserved. Printed in the USA.

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.


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

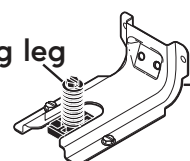


- A child or adult can tip the range and be killed.
- Verify the anti-tip device has been installed to floor or wall.
- Ensure the anti-tip device is re-engaged to floor or wall when the range is moved.
- Do not operate the range without the anti-tip device in place and engaged.
- Failure to follow these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



Range

leveling leg



Anti-tip  
bracket

To check if the anti-tip bracket is installed properly, use both arms and 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

Read all instructions before using this appliance.

## 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.

**⚠ WARNING** - 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.

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

Save these instructions for future reference.

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

## IMPORTANT INSTRUCTIONS FOR USING YOUR 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.

**⚠ WARNING** - 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.

**⚠ WARNING** - 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.

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

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

**⚠ WARNING** - 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 aftermarket oven liners. Aluminum foil and other liners may trap heat, causing a fire hazard.

**⚠ WARNING** - 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.

**⚠ CAUTION** - 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.

**⚠ CAUTION** - 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.

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

**⚠ CAUTION** - 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.

**⚠ CAUTION** - 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.

**⚠ 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.

Save these instructions for future reference.

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

## 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 INSTRUCTIONS FOR GLASS AND CERAMIC COOKTOPS ONLY

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.

Save these instructions for future reference.

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

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 OVEN

**⚠ CAUTION** CAUTION BOX - 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 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.

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

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

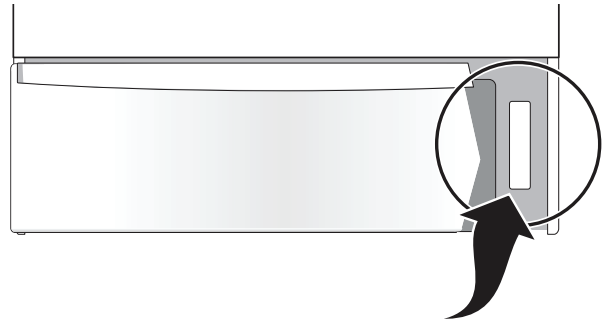
Do not touch a hot oven light bulb with a damp cloth. Doing so could cause the bulb to break. Handle halogen lights (if equipped) with paper towels or soft gloves. Disconnect the appliance or shut off the power to the appliance before removing and replacing the bulb.

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.

## Product Registration and Customer Information

The serial plate is located on the left side of the range's warmer door frame, and can be clearly viewed when the warmer drawer is open.

### Serial Plate Location



**Figure 1:** Open warmer drawer to view the serial plate information.

Record the date of purchase, model and serial number of your product in the corresponding space below.

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Save your sales receipt for future reference.

Save these instructions for future reference.



# Before Setting Oven Controls

## Oven vent location

The oven vent is located under the left side of the control panel. When the oven is on, warm air passes through this vent. This venting is necessary for proper air circulation in the oven and good baking results. Do not block oven vent.

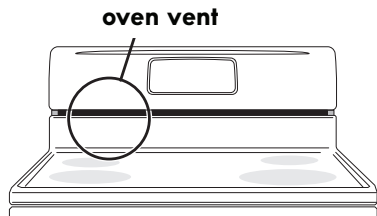


Figure 2: Do not block oven vent location

**⚠ 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.

**⚠ CAUTION** Always use pot holders or oven mitts when using the oven. When cooking, the oven interior and exterior, as well as the oven racks, will become very hot which can cause burns.

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

To Arrange - Always arrange the oven racks when the oven is cool (prior to operating the oven).

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.

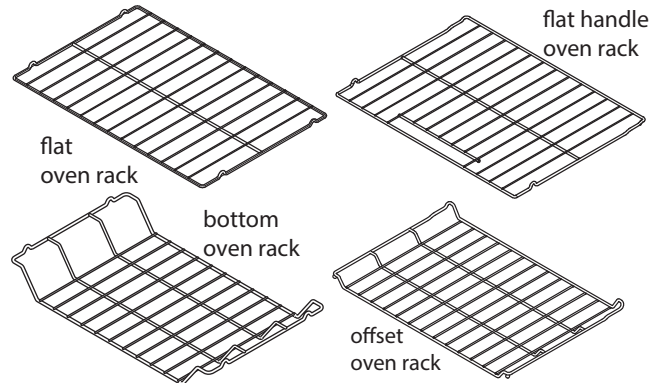


Figure 3: Oven rack types

## Oven Rack Descriptions

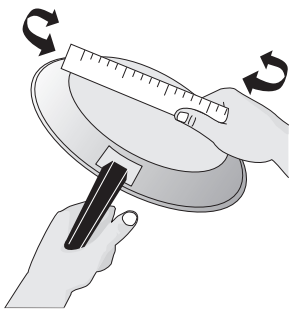
- Flat oven racks (or the flat handle oven rack) may be used for most cooking needs and may be placed in most oven rack positions.
- The offset oven rack (some models) provides additional stepdown positions from the standard flat rack design. The offset design positions the base of the rack about 1/2 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 (some models) in the lowest rack position for baking or roasting large cuts of meat.

## Air circulation in the oven

For best baking results allow 2-4" (5-10 cm) around the cookware for proper air circulation and be sure pans and cookware do not touch each other, the oven door, sides or back of the oven cavity. Hot air must be able to circulate around the cookware in the oven for even heat to reach around the food.

# Before Setting Surface Controls

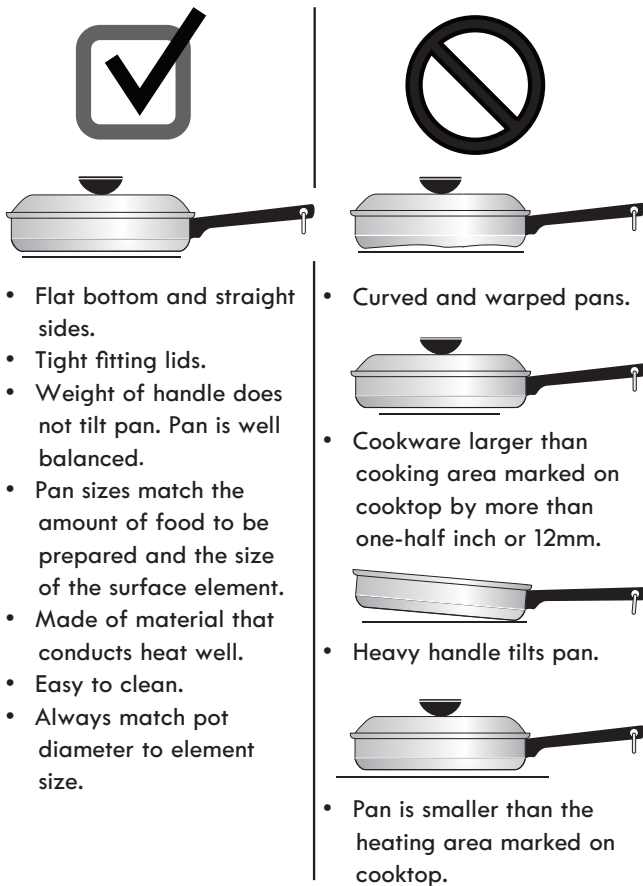
## Using proper cookware



The size and type of cookware used will influence the radiant element power level setting needed for best cooking results. Be sure to follow the recommendations for using proper cookware as illustrated in both [Figure 4](#) and [Figure 5](#).

**Figure 4: Testing cookware**

Check for flatness by rotating a ruler across the bottom of the cookware (See [Figure 4](#)). Cookware should have flat bottoms that make good contact with the entire surface heating element (See [Figure 5](#)). For detailed information about the ceramic cooktop, refer to the “[Cooktop Maintenance](#)” section starting on [page 28](#) of the Care & Cleaning chapter.



- Flat bottom and straight sides.
- Tight fitting lids.
- Weight of handle does not tilt pan. Pan is well balanced.
- Pan sizes match the amount of food to be prepared and the size of the surface element.
- Made of material that conducts heat well.
- Easy to clean.
- Always match pot diameter to element size.

- Curved and warped pans.
- Cookware larger than cooking area marked on cooktop by more than one-half inch or 12mm.
- Heavy handle tilts pan.
- Pan is smaller than the heating area marked on cooktop.

**Figure 5: Proper cookware placement**

## 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 however will retain heat very well. Cooks evenly once cooking temperature is reached. Not recommended for use on ceramic cooktops.

**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.

### Important note:

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! Be sure to follow all the cookware manufacturer’s suggestions when using any type of cookware on the ceramic cooktop.

## About the Ceramic Glass Cooktop

The ceramic cooktop has radiant surface elements located below the surface of the glass. The design of the ceramic cooktop outlines the area of the surface element underneath. Be sure to match the pan size with the diameter of the element outline on the cooktop and only flat-bottomed cookware should be used.

The type and size of cookware, the number of surface elements in use and their settings are all factors that will 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.

## 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 off the element several minutes before cooking is complete. This will allow residual heat to complete the cooking process.

**⚠ 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.

**⚠ CAUTION** Do not place plastic items such as 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.

**⚠ CAUTION** Do not allow aluminum foil, empty glass/porcelain cookware or any material that can melt to make contact with the ceramic cooktop. If these items melt on the cooktop they may damage the ceramic cooktop.

## Element On and Hot Surface Indicator Lights

Your appliance is equipped with two different types of surface control indicator lights that will glow on the control panel — the ELEMENT ON indicator light and the Hot Surface indicator lights.

The ELEMENT ON indicator lights are marked on the control panel and will glow when a surface cooking element is turned on. A quick glance at these indicator lights after cooking is an easy check to be sure all surface controls are turned off.

The Hot Surface indicator lights are located on the control panel just above each surface control knob. They will glow when any surface cooking area heats up and will remain on until the cooktop has cooled to a moderate level.

ELEMENT ON



Figure 6: Element indicator light

### Important notes:

- Never place or straddle a cooking utensil over two different surface cooking elements at the same time unless the utensil is designed for that purpose. This can cause uneven heating results. This can also cause the ceramic cooktop to fracture (for ceramic cooktop models only).
- Radiant elements have a limiter that allows the radiant heating element to cycle on and off, even at the HI setting. This helps to prevent damage to the ceramic smoothtop. Cycling at the HI setting is normal and will occur more often if the cookware is too small for the radiant element or if the cookware bottom is not flat.
- Be sure to read the detailed instructions for ceramic glass cooktop maintenance and cleaning in the Care & Cleaning and Before You Call checklist sections of this Use & Care Guide.

## Types of Cooktop Surface Elements

The ceramic glass cooktop has radiant surface elements located below the surface of the glass. The patterns on the ceramic glass will outline the size and type of element available. The single radiant element or elements will have one round outline pattern shown on the cooktop. The warmer zone feature (on some models) located on the center rear area of the cooktop uses one round outline and is designed to keep food warm only. A dual (on some models) radiant element allows the user to set the smaller inner portion as a single element or both inner and outer portions may be set to heat together (See Figure 7).

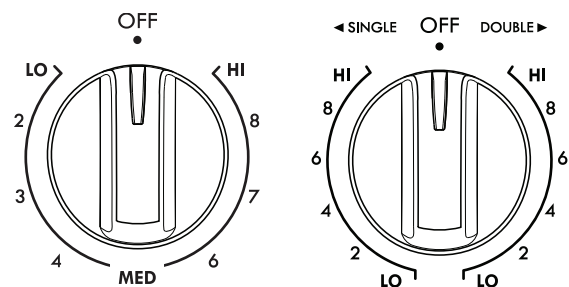


Figure 7: Single (L) and dual (R) radiant elements

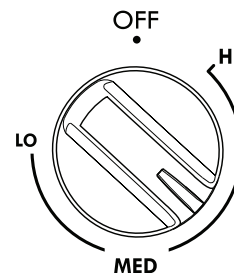


Figure 8: Warmer zone control (some models)

## Before Setting Surface Controls

### Turbo Boil Feature (some models)

Your appliance may be equipped with a special element on the ceramic cooktop marked TURBO BOIL.

These higher wattage radiant elements are best used when bringing larger quantities of liquid to temperature and when preparing larger quantities of food.

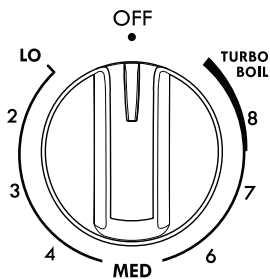


Figure 9: Turbo boil control (some models)



Figure 10: Turbo boil (some models)

### Home Canning

**CAUTION** Canning can generate large amounts of steam. Use extreme caution to prevent burns. Always raise the lid to vent steam away from you. Safe canning requires that harmful micro-organisms are destroyed and the jars are sealed completely. When canning in a water bath canner, a gentle but steady boil must be maintained continuously for the required time.

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 quality flat bottom canners when home canning. Use a straight-edge to check canner bottom.
- 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.
- 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.
- Alternate surface units between each batch to allow the units and surrounding surfaces to cool down. Try to avoid canning on the same burner unit all day.

# Setting Surface Controls

## Radiant Surface Element Settings

The size and type of utensil used, and the amount and type of food being cooked will influence the surface element power level setting needed for best cooking results.

The suggested settings found in [Table 1](#) are based when cooking with medium-weight aluminum pans with lids. Settings may vary when using other types of pans.

**Table 1: Suggested settings for single, dual, and triple radiant surface elements**

Settings	Type of cooking
High (HI)	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 (LO - 1)	Keep warm, melt, simmer

### Important notes:

- For efficient cooking, turn off the element 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. Refer to [Table 1](#) for suggested power level settings.
- Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking.
- Radiant elements have a limiter that allows the radiant heating element to cycle on and off, even at the HI setting. This helps prevent damage to the ceramic smoothtop. Cycling at the HI setting is normal and will occur more often if the cookware is too small for the radiant element or if the cookware bottom is not flat.
- 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.

## Single Radiant Surface Elements (all models)

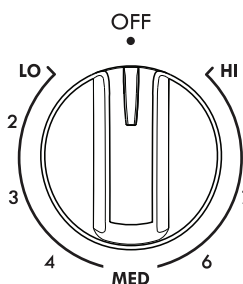
To operate the single radiant element (all models):

**⚠ 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.

**⚠ CAUTION** Do not place plastic items such as 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.

**⚠ CAUTION** Do not allow aluminum foil, empty glass/porcelain cookware or any material that can melt to make contact with the ceramic cooktop. If these items melt on the cooktop they may damage the ceramic cooktop.

1. Place correctly sized cookware on single radiant surface element.
2. Push in and turn the surface control knob in either direction to the desired setting (See [Figure 11](#)).
3. When cooking is complete, turn the radiant surface element OFF before removing the cookware.



**Figure 11: Single radiant element**

## Setting Surface Controls

### Dual Radiant Surface Element (some models)

To operate the dual radiant element:

**⚠ 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.

**⚠ CAUTION** Do not place plastic items such as 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.

**⚠ CAUTION** Do not allow aluminum foil, empty glass/porcelain cookware or any material that can melt to make contact with the ceramic cooktop. If these items melt on the cooktop they may damage the ceramic cooktop.

1. Place correctly sized cookware on single radiant surface element.
2. Push in and turn the surface control knob clockwise to begin heating both the inner and outer portions of the element (marked dual - See Figure 12). If only the inner heating portion is needed (marked single - See Figure 12) for smaller cookware, push in and turn the knob counter-clockwise to start.

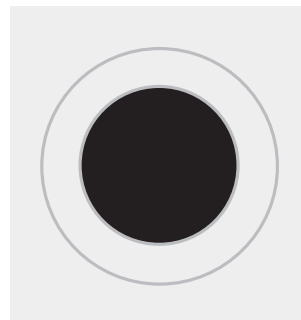
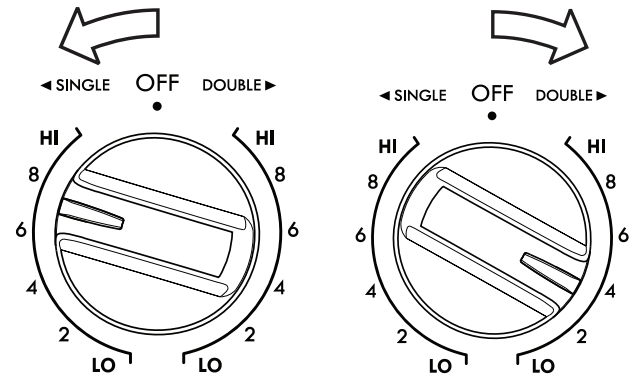
#### Important note:

Please note that you may switch from the single or dual settings at any time during cooking.

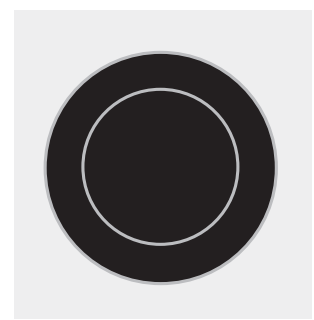
3. When cooking is complete, turn the radiant surface element off before removing the cookware.

#### Important notes:

- For efficient cooking, turn off the element 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. Refer to [Table 1](#) for suggested power level settings.
- Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking.
- Radiant elements have a limiter that allows the radiant heating element to cycle on and off, even at the HI setting. This helps prevent damage to the ceramic smoothtop. Cycling at the HI setting is normal and will occur more often if the cookware is too small for the radiant element or if the cookware bottom is not flat.
- 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.



Heating with inner (small) element only\*



Heating with both elements\*

\* Areas that heat are shown darkened.

**Figure 12: Dual radiant surface element operation**

## Warm & Ready Zone (some models)

The purpose of the warmer zone is to keep hot cooked foods at serving temperature. Use the warmer zone feature (See [Figure 13](#)) to keep cooked foods hot such as; vegetables, gravies, casseroles, soups, stews, breads, pastries and oven-safe dinner plates.

Always start with hot food. Do not heat cold food with the warmer zone. All food placed on the warmer 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. Use only dishware, utensils and cookware recommended for oven and cooktop use on the warmer zone.

### Setting warmer zone control:

**⚠ CAUTION** Unlike other radiant surface elements, the warmer zone will not glow red when it is hot. The glass surface may still be hot and burns can occur if the glass surface is touched before it has cooled sufficiently.

**⚠ CAUTION** Always use potholders or oven mitts when removing food from the warmer zone as cookware and plates will be hot.

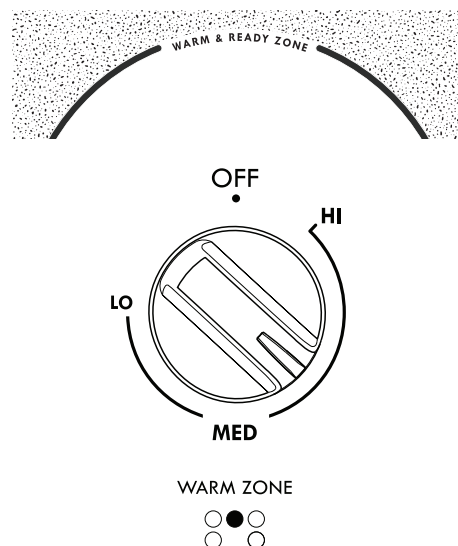
**⚠ CAUTION** Do not place flammable items such as plastic salt and pepper shakers, spoon holders or plastic wrappings on top of the range when it is in use. These items could melt or ignite. Potholders, towels or wooden spoons could catch fire if placed too close to the surface elements.

**⚠ CAUTION** Do not allow aluminum foil, empty glass/porcelain cookware or ANY material that can melt to make contact with the ceramic cooktop. If these items melt on the cooktop they may damage the ceramic cooktop.

1. Push in either direction and turn the warmer zone control knob to the desired temperature level (See [Figure 13](#)). The temperatures are approximate, and are designated by HI (high), MED (medium) and LO (low). 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 warmer zone control knob to OFF position. The warmer zone will remain hot until the hot surface indicator light turns off.

### Important notes:

- The warmer zone temperature level may be adjusted at any time when the warmer zone is turned on.
- Use only plates, utensils and cookware recommended for oven and ceramic cooktop use. Do not use plastic wrap or aluminum foil to cover food. Plastic or aluminum foil can melt onto the cooktop.



**Figure 13: Warm zone element**

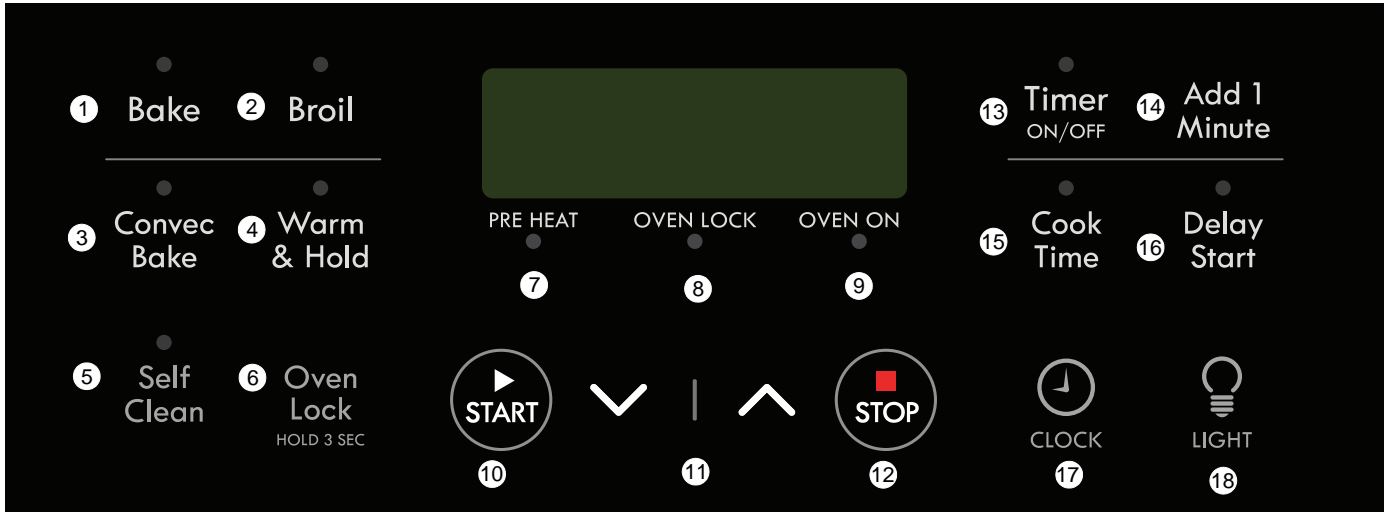
Temperature selection - Refer to the warmer zone recommended food settings (See [Table 2](#)). If a particular food is not listed, start with the medium level, and adjust as needed. Most foods can be kept at serving temperatures using the medium setting.

**Table 2: Warmer zone recommended food settings**

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)



# Oven Controls



1. **Bake** - Selects Bake function.
2. **Broil** - Selects Broil function.
3. **Convec Bake** - Use to set convection feature.
4. **Warm & Hold** - Use to keep cooked food warm and at serving temperature for up to 3 hours.
5. **Self Clean** - Use to select 2, 3, or 4hr Self-Clean cycle.
6. **Oven Lock** - Use to lock oven door and oven functions.
7. **PREHEAT indicator light** - Is on when oven is preheating. Stays on until the oven reaches the desired temperature.
8. **OVEN LOCK indicator light** - Is on when door locks or unlocks and when oven lockout is active.
9. **OVEN ON indicator light** - Glows each time the oven cycles on to maintain the set oven temperature.
10. **START** - Use to start all cooking functions.
11. **Up / Down arrows** - Use with the function keys to accept settings and adjust temperature and times.
12. **STOP** - Cancels any active oven function except clock and timer.
13. **Timer ON/Off** - Use to set and cancel the timer and to set the Continuous Bake feature.
14. **Add 1 Minute** - Use to add one minute to the timer. This works with the kitchen timer and does not affect any cook time or start time functions.
15. **Cook Time** - Use to set a specific amount of time needed for cooking. Automatically cancels cooking process at end of set time.
16. **Delay Start** - Use with Bake and Self Clean functions to program a delayed start bake or delayed start self clean cycle.
17. **CLOCK** - Use with arrow keys to set time of day.

18. **LIGHT** - Use to turn internal oven light on and off.

## Minimum and Maximum Control Settings

All of the features listed have minimum and maximum time and temperature settings that may be entered into the control. An entry acceptance beep will sound each time a key is touched (the Oven Lockout tone is delayed by 3 seconds). An entry error tone (three short beeps) will sound if the entry of the temperature or time is below the minimum or above the maximum settings for the feature.

**Table 3: Minimum and maximum control settings**



Feature	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	1 minute	11 hrs. 59 mins.
Self Clean	2 Hours	4 Hours
Warm & Hold	170°F (77°C)	3 Hours
Cook Time	1 Minute	11:59
Delay Time 12 Hr.	1:00	12:59
Delay Time 24 Hr.	0:00	23:59
Clock 12 Hr.	1:00	12:59
Clock 24 Hr.	0:00	23:59



## Setting Clock

When the appliance is first powered up or when the power supply to the appliance has been interrupted, **12:00** will flash in the display. The time of day must first be set before operating the oven.

### To set the clock

1. Press **CLOCK** once. **CLO** appears in display.
2. Press  or  and the time appears in the display. Continue to hold arrow key until the correct time of day appears in the display.
3. Press **START** to accept time of day.

### Important note:

The time of day cannot be changed when the oven is set for cooking.

## Oven Lock

The Oven Lock feature allows you to lock the oven portion of the appliance while the oven is not in use.

### To activate Oven Lock feature:

1. Be sure the door is completely closed.
2. Press and hold **Oven Lock** for 3 seconds. **Loc** will appear in the display. The OVEN LOCK indicator light will flash while the motor driven door latch begins locking the oven door. Do not open the door during this time. Allow 15 seconds for the door to completely lock. Once oven door is locked, the time of day will appear in the display.

### To cancel the Oven Lock feature:



1. Press and hold **Oven Lock** for 3 seconds. The OVEN LOCK indicator light will flash and the motor driven door latch will begin to unlock. Do not open the door at this time. The door will unlock completely in about 15 seconds.
2. The oven control keys will be available, and the oven door can be opened again.

### Important notes:

- To avoid possible damage to the oven door latch mechanism, do not attempt to open or close the oven door whenever the OVEN LOCK indicator light is flashing.
- If a control key is pressed when the OVEN LOCK is active, **Loc** will appear in the display as a reminder that the oven keys are inactive when the OVEN LOCK feature is active.

## Silent or audible control mode



The appliance may be set for silent or audible operation. If the silent mode is selected, most of the sounds associated with setting the controls will be silent. But, sounds will be heard when the timer ends, when a baking function ends, and when the set preheat temperature is reached.

1. Press and hold **Delay Start** until the control beeps once (about 3 seconds). The present mode appears as OFF (silent operation) or ON (for audible operation).
2. Use  or  to toggle between audible or silent modes. To save, press **START** when the desired mode of operation appears in the display.

## Changing Temperature Display to Fahrenheit (°F) or Celsius (°C)

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 **Broil**. **HI** appears in the display.
2. Press and hold **Broil** until **F** or **C** appears in the display.
3. Press either  or  to toggle between **F** or **C** mode choices.
4. Press **START** to accept change. The display will return to the time of day.

### Important note:

The temperature display mode cannot be changed when the oven is set for cooking.

## Add 1 Minute

Use the Add 1 Minute feature to set additional minutes to the timer. Each press of the key will add 1 additional minute. If **Add 1 Minute** 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 1 Minute** twice.

## Oven Controls

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

The oven control has a factory-preset 12-hour energy saving feature that will turn the oven off automatically if the oven is left on for more than 12 hours. The control may be programmed to override this feature to continuously bake.

#### To change to continuous bake mode:



Press and hold **Timer ON/OFF** until the control beeps once (about 6 seconds). **Cont** will appear in display. The control is set for continuous bake. Press **Self Clean** to toggle between continuous bake and 12hr energy saving. **12 Hr** will appear in display for energy saving mode.



To save the selected mode, press **START**. The display will return to idle.

### Setting Timer

The timer may be set from 1 minute to 11 hours and 59 minutes.

#### To set the timer:

1. Press **Timer ON/OFF**.
2. Press and hold  to increase the time. Release  when the desired time appears in the display.
3. Press **START**, and the timer will begin to count down.
4. When the set time has run out, the timer will sound with three beeps and will continue to beep three times every 60 seconds until **Timer ON/OFF** is pressed.

To change time remaining in timer, press and hold  or  to increase or decrease any time remaining.

To cancel the timer before at any time, press **Timer ON/Off** once.

#### Important notes:





- The timer does not start or stop the cooking process. It serves as an extra timer in the kitchen that will beep when the set time has run out. The timer may be used alone or when any other oven function is active.
- The indicator light located above **Timer ON/OFF** will glow when the timer is active.
- The timer will display hours and minutes until 1 hour remains. When less than 1 hour remains, the display will count down in minutes and seconds. Once the timer has less than 1 minute remaining, only seconds will display.
- If the timer is active when oven cooking, the minute timer will show in the display by default. To view information of any other active oven function, press the key once for the active function to view status.


### Setting Bake

Use the bake function whenever the recipe calls for baking using normal temperatures. A reminder tone will sound when the set bake temperature is reached. Bake may be programmed for any temperature from 170°F to 550°F (77°C to 288°C). The factory preset bake temperature is 350°F (177°C).



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

#### To set Bake

1. Arrange oven racks and close oven door.
2. Press **Bake**. **350°** appears in display.
3. Within 15 seconds, press  or . The display will show the default oven temperature of **350°F (177°C)**. By pressing  or , the oven temperature may be adjusted in 5°F increments (1°C).
4. Press **START** when the desired temperature appears. The oven will begin heating to the selected temperature. When the oven temperature reaches the set temperature, the **PRE-HEAT** indicator light will turn off, and the oven control will beep three times.

To cancel bake at anytime, Press .

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

1. Press **Bake**. The current set oven temperature will display.
2. Press  or  to increase or decrease the current set temperature to the new oven temperature.

#### Important notes:

- The oven will bake no longer than 12 hours. If you wish to bake for a longer period, see [“Changing between continuous bake setting or 12-hour energy saving feature”](#) on [page 18](#) mode for detailed information.

### Baking tips

- Fully preheat the oven before cooking items like cookies, biscuits, and breads.
- When using any single rack, position the rack so that the food is in the center of the oven.
- For best results when baking cakes or cookies using two oven racks, place racks in positions 3 and 6 (See Figure 15).
- Dark or dull bakeware absorbs more heat than shiny bakeware. It may be necessary to reduce oven temperature and cook time to prevent overbrowning of some foods. Dark bakeware is recommended for pies. Shiny bakeware is recommended for cakes, cookies, and muffins.
- For best results when baking cakes or cookies using two oven racks, place pans as shown in Figure 14.

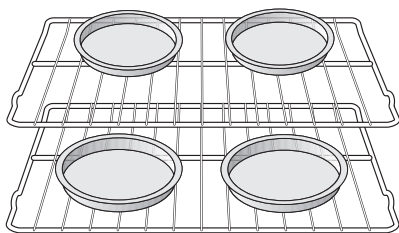


Figure 14: Baking on multiple levels

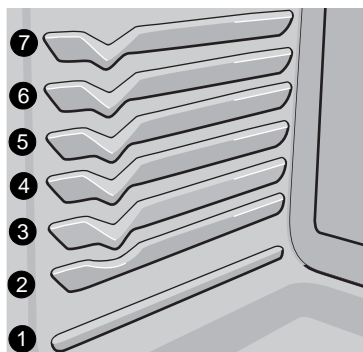









Figure 15: Oven rack positions

### Setting Cook Time

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



**⚠ 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.

#### To program the oven to begin baking immediately and to shut off automatically:

1. Be sure that the clock displays the correct time of day. Arrange oven racks and close oven door.
2. Press **Bake**. **350°** appears in display.
3. Within 15 seconds, press  or . The display will show the default oven temperature of **350°F (177°C)**. By pressing  or , the temperature may be adjusted in 5°F increments (1°C). Press **START** to accept.
4. Press **Cook Time**. **00** will appear in display.
5. Press  or  to reach the desired cook time.
6. Press **START** to accept. When the oven temperature reaches the set temperature, the PRE HEAT indicator light turns off and the oven control will beep once.
7. To cancel at anytime, press .

When the cook time runs out, **End** will appear in the display. The oven control will beep three times every minute as a reminder until **STOP** is pressed.

#### To change the oven temperature or cook time after baking has started:

1. Press **Bake** (for oven temperature) or **Cook Time**.
2. To adjust temperature or cook time, press  or  and release when the desired temperature or cook time setting appears in the display.

#### Important notes:

- Cook Time and Delay Start may be set with Bake but are not available for use with Broil.
- While baking with Cook Time, press **Cook Time** to display any cook time remaining.
- Cook Time and Delay Start can be set with Bake or Convection (on some models).
- The maximum Cook Time or Delay Start setting is 11 hours and 59 minutes.

## Oven Controls









### Setting Delay Start


Delay Start allows you to set a delayed starting time to the oven baking or cleaning functions.

**⚠ 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.



**⚠ CAUTION** Always use pot holders or oven mitts when using the oven. When cooking the oven interior, oven racks and cook-top will become very hot which can cause burn

**To program oven for a delayed starting time and to shut off automatically:**


1. Be sure that the clock displays the correct time of day.
2. Arrange oven racks and close oven door.
3. Press **Bake**. **350°** appears in display.
4. Within 15 seconds, press  or . The display will show the default oven temperature of **350°F (177°C)**. By pressing  or , the oven temperature may be adjusted in 5°F increments (1°C). When desired temperature is reached press **START** to accept.
5. Press **Cook Time**. **00** will appear in display.
6. Press the  or  to set the desired cook time. Then press **START** to accept.
7. Press **Delay Start**. The time of day will appear in the display. Press  or  until the desired starting time appears in the display and press **START**.
8. The oven will turn on at the set delayed starting time and begin heating. When the oven temperature reaches the set temperature, the PRE HEAT indicator light will turn off and the oven control will beep three times.

To cancel at anytime, press .

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

1. Press **Bake** (for oven temperature) or **Cook Time**.
2. Press  or  and release when the desired temperature or cook time setting appears in the display.

When the cook time runs out, **End** will appear in the display.

The oven control will beep three times every minute until  is pressed.

## Convec Bake

Benefits of convection cooking include:

- Foods cook up to 25 to 30% faster, saving time and energy.
- Multiple rack baking.
- No special pans or bakeware needed.



Convection functions use a fan to circulate the oven's heat uniformly and continuously around the oven. This improved heat distribution allows for fast, even cooking and browning results. It also gives better baking results when using two oven racks at the same time.


Heated air flows around the food from all sides, sealing in juices and flavors. Breads and pastry brown more evenly.

Most foods baked in a standard pan will cook faster and more evenly with the convection feature.

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

**To set Convec. Bake with a default oven set temperature of 350°F:**

1. Arrange oven racks and close oven door.
2. Press **Convec Bake. 350** will appear in the display.
3. By pressing  or , the oven temperature may be adjusted in 5°F increments (1°C). When setting for convection, be sure to set the oven temperature between 300°F (149°C) and 550°F (288°C).

To cancel Convec Bake at any time, press .

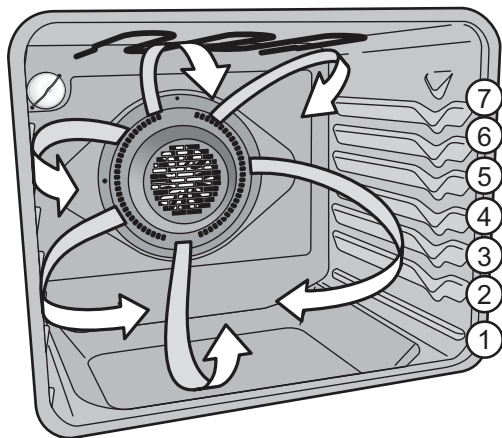


Figure 16: Air movement using convection

### Important notes:

- The convection fan will begin rotating once Convec Bake has been activated.
- If the oven door is opened when Convec Bake is active, the convection fan will stop rotating until the oven door is closed.
- When using Convec Bake, cook time reductions may vary depending on the amount and type of food being cooked.

### Suggestions for Convec Bake:

- For optimum cooking results, it is recommended to preheat the oven when baking foods such as cookies, biscuits, and breads.
- Reduce oven temperature 25°F from recipe's recommended oven temperature. Follow the remainder of the recipe's instructions using the minimum recommended cook time.
- For best results when using a single oven rack, place rack in position 4 or 5 (See [Figure 16](#)). When using two oven racks, place in positions 2 and 5. When using three oven racks, place in positions 2, 4, and 7 (use offset rack only in position 7).
- Dark or dull pans absorb more heat than shiny bakeware resulting in dark or overbrowning of foods. It may be necessary to reduce the oven temperature or cook time to prevent overbrowning of some foods. Dark pans are recommended for pies. Shiny pans are recommended for cakes, cookies, and muffins.
- When using any single rack, position the rack so that the food is in the center of the oven.
- For best results when baking cakes or cookies using two oven racks, place pans as shown in [Figure 17](#).

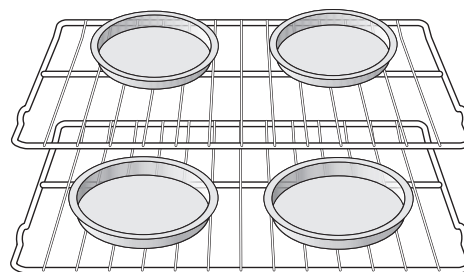


Figure 17: Baking on multiple levels

## Oven Controls

### Setting Broil

Use the broil function to cook meats that require direct exposure to flame heat for optimum browning results. The Broil function is factory preset to broil, shown as **Hi**. The suggested broil settings are recommendations only. Increase or decrease broiling times or move to a different rack position to suit for doneness.

#### To set Broil:

1. Arrange the oven racks when cool. For optimum browning results, preheat oven for 2 minutes before adding food.
2. Position cookware in oven. Leave door open at broil stop position.

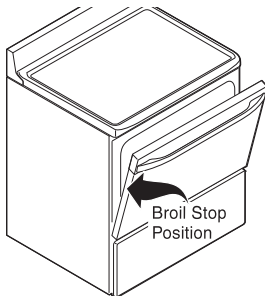


Figure 18: Door open for broiling





3. Press **Broil**. **HI** will appear in display.
4. Press  or  until the desired broil setting level appears in the display. Press  for HI broil or  for LO broil setting.
5. Press **START**. Broil on one side until food is browned. Turn and broil food on other side. When finished broiling, press **STOP**.

Table 4: Suggested Broil Settings<sup>1</sup>

Food	Rack Position	Setting	Cook time in minutes		Doneness
			1st side	2nd side	
Steak, 1 inch thick	6th or 7th*	Hi	8	6	Medium
Steak, 1 inch thick	5th or 6th*	Hi	10	8	Medium-well
Steak, 1 inch thick	5th or 6th*	Hi	11	10	Well
Pork Chops, 3/4 inch thick	5th	Hi	12	8	Well
Chicken, bone-in	5th	Lo	25	15	Well
Chicken, boneless	5th	Lo	10	8	Well
Fish	5th	Hi	as directed		Well
Shrimp	4th	Hi	as directed		Well
Hamburger, 1 inch	5th or 6th	Hi	12	10	Medium

1. For steaks, cook times are suggestions and should only be used as a guide.

**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.

**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.

#### 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. To purchase them, call Sears at 1-800-4-MY-HOME (1-800-4663) and order broil pan kit 5304442087.
- When broiling, always pull the oven rack out to the stop position before turning or removing food.

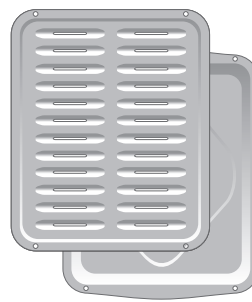


Figure 19: Broiler pan and insert

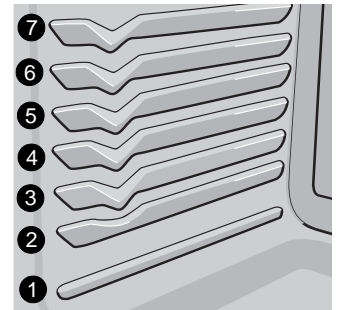



Figure 20: Rack positions

## Warm & Hold™





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

### To set Warm & Hold:

1. If needed, arrange oven racks and place cooked food in oven.
2. Press **Warm & Hold**. **Hld** will appear in the display. If no other keys are touched within 25 seconds, the request for Warm & Hold will clear.
3. Press **START**.
4. Warm & Hold will automatically turn off after 3 hours.

To turn Warm & Hold off at any time, press .

### To set Warm & Hold to start after a Timed Bake automatically:

1. Press **Bake**. Press  or  to set temperature.
2. Press **START**.
3. Press **Cook Time**. Press  or  to set time.
4. Press **START**.
5. Press **Warm & Hold**.
6. Press **START**. Warm & Hold is set to turn on automatically after the Timed Bake or Delay Timed Bake has finished. The Warm & Hold indicator light will glow indicating that the Warm & Hold feature is set to start when the timed bake is finished.

## Operating Oven Light

The oven light will automatically turn on when the oven door is opened.

Press **LIGHT** to turn the oven light on or off whenever the oven door is closed. The oven light will not operate during the self clean operation.

The oven light is located at the upper left rear wall of the oven interior and is covered with a glass shield held in place by a wire holder. The glass shield protects the bulb from high temperatures and should always be in place when the oven is in use.



To replace the interior oven light, see [“Replacing oven light \(some models\)”](#) on page 29.

## Adjusting oven temperature



The appliance has been factory calibrated and tested to ensure an accurate baking temperature, known as the User Preference Offset (UPO). 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.

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 adjust oven temperature:

1. Press **Bake** and hold for 3 seconds. The UPO value will appear in the display with a degree sign.
2. The display now indicates the amount of degrees offset from the original factory temperature setting. If the control still has the original factory calibration, the display will read **0**.
3. The temperature may be adjusted up or down 35°F (19°C), in 1°F increments by pressing and holding  or . Adjust until the desired amount of temperature offset appears in the display and press **START** to save.
4. If the **STOP** key is pressed during the programming mode, the UPO value will remain unchanged.

### Important notes:

- Oven temperature adjustments made will not change the Broil or Self-Clean operating temperatures.
- 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°F to 40°F degrees from actual temperatures.
- The oven temperature adjustment may be made if your oven control has been set to display °C temperatures. Minimum and maximum settings for °C is plus (+) or minus (-) 19°C.
- If the display mode is set for °C, adjustments made will be in 1°C increments on each press of  or .



## 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.

The Self Clean function allows you to select three different cleaning times from 2, 3, or 4 hours. A 3-hour cleaning time is best used for normal cleaning; 2-hour time for light soils, and a 4-hour clean time for heavier stubborn soils.

**Read before starting Self Clean.** Be sure to 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.

**⚠ CAUTION** 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.

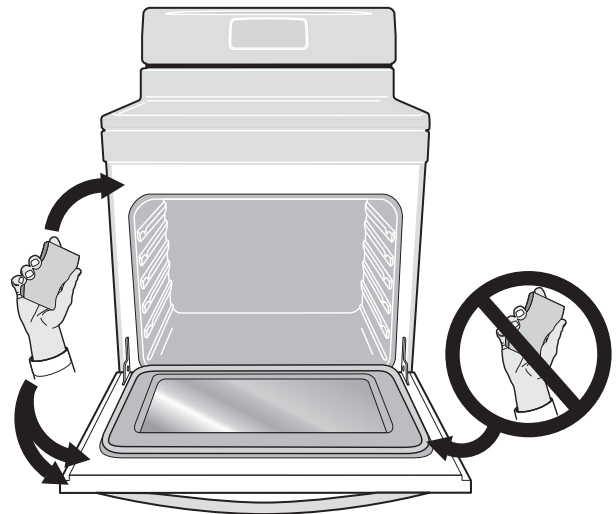
**⚠ CAUTION** Do not force the oven door open. This will damage the automatic door locking system. Use caution when opening the oven door after the self clean cycle ends. The oven may still be very hot and cause burns. To avoid possible burns, stand to side of oven when opening door to allow steam or hot air to escape.

**⚠ CAUTION** 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 use 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 (See Figure 21). 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.



**Figure 21: Areas to clean and to avoid**

- 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.

#### Important notes:



- 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.

**⚠ CAUTION** Radiant surface elements will operate when an oven is in Self Clean mode IF the range is equipped with knobs. If this is the case, it is NOT advisable to use the surface elements when using the Self Clean function. The oven reaches very high temperatures and you could be burned.



## Setting Self Clean

### To set Select Clean to start immediately:

1. Be sure the oven is empty and all oven racks are removed. Remove all items from the cooktop. Be sure the oven door is completely closed.
2. Press **Self Clean**. **3:00** appears in the display.
3. To change to a 2 hour clean time, press . **2:00** appears in the display. To select a 4 hour clean time, press . **4:00** appears in the display.
4. After selecting the clean time, press **START** to activate Self Clean. The **OVEN LOCK** indicator light will light, and **CLn** will appear in the display.

When Self Clean begins the cleaning cycle, the motorized door latch mechanism will automatically start to lock the oven door, and the **OVEN LOCK** indicator light will flash. Do not open the oven door when the **OVEN LOCK** indicator light is flashing. Allow about 15 seconds for the oven door to completely lock.

Once the oven door has locked, the **OVEN LOCK** indicator light will glow steady. When **CLn** will appear in the display, Self Clean is active.




### When Self Clean is finished:

**⚠ CAUTION** Use caution when opening the oven door after self cleaning. The oven may still be very hot and can cause burns. To avoid possible burns, stand to the side of the oven when opening the oven door to allow hot air or steam to escape.


1. The time of day will appear in the display window, and the **OVEN LOCK** indicator light will continue to glow.
2. Once the oven has cooled down (about 1 hour) and the **OVEN LOCK** indicator light has turned off, 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.

## Delayed Start Self Clean

### To start Delay Start Self Clean:

1. Be sure the oven is empty and all oven racks are removed. Remove all items from the cooktop. Be sure oven door is completely closed.
2. Be sure the clock shows the correct time of day.
3. Press **Delay Start**.
4. Press and hold  to scroll to the time desired to start the self clean cycle. Press **START** when the desired start time is displayed.
5. Press **Self Clean**. **3:00** appears in the display.
6. To select a 2 hour clean time, press . **2:00** appears in the display. To select a 4 hour clean time, press . **4:00** appears in the display.
7. After selecting the desired clean time, press **START**. Self Clean is set to activate. The **OVEN LOCK** indicator light will turn on, and the oven door will lock in advance of the starting time. Once the starting time is reached, **CLn** will appear in the display.

### If it becomes necessary to stop Self Clean when active:

1. Press .
2. If Self Clean has heated the oven to a high temperature, allow enough time for the oven to cool and for the **OVEN LOCK** indicator light to turn off. When this indicator light turns off, the oven door may be opened.
3. Restart Self Clean, if needed.

### Important notes:

- If Self Clean is active and a power failure occurs, the oven may not have thoroughly cleaned. This would depend on how much cleaning time had elapsed before the power failure. If needed after power is restored, set Self Clean again.

## Oven Controls

### Steam Clean

Steam cleaning works best for spot cleaning and light soils on the oven bottom. Steam clean may also be used before manually cleaning the oven or before Self Clean to help loosen soils on the oven bottom.

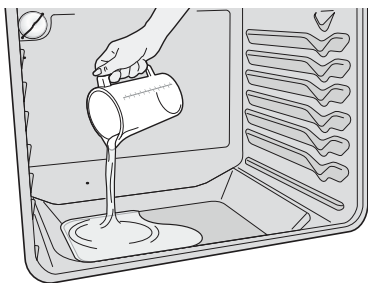
**⚠ WARNING** Do not set the cleaning temperature higher than the temperature listed in these instructions. Higher temperatures will dry the steam too soon and may lead to burns or serious injury when cleaning.

**⚠ WARNING** Do not attempt to wipe out the oven before the cooling off period or attempt to shorten the cooling off period. Doing so may lead to burns or other serious injury when cleaning.

**⚠ CAUTION** Do not add ammonia, oven cleaners, or any other household cleaners or chemicals to the water used for steam cleaning.

#### To set the controls for steam clean:

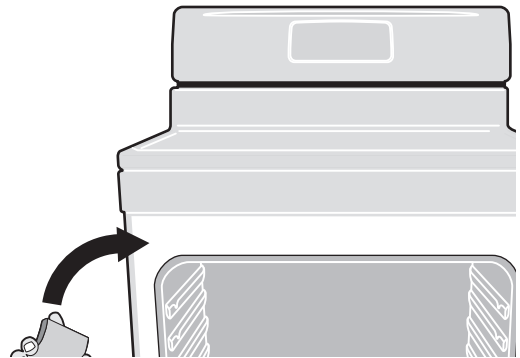
1. Oven should be at room temperature. Remove all racks and oven accessories.
2. Scrape or wipe loose debris from the oven bottom.
3. Pour 8 oz (235 ml) of distilled or filtered water onto the oven bottom (See [Figure 22](#)). Close the oven door.



**Figure 22: Pour water onto the oven bottom**

4. Press **Bake**.
5. Enter **170°F (77°C)** using the arrow keys and press **START**.
6. Set the minute timer for **10** minutes.
7. Allow the oven to heat. Do not open the oven door while the oven is heating.
8. An alert will sound when the timer is finished. Press **Timer ON/Off** to stop the timer and press **STOP** to return to the clock.
9. Set the minute timer for **10** minutes to allow for a cool-down period. Do not attempt to wipe out the oven before a 10 minute cool-down period.
10. An alert will sound when the timer is finished. Press **Timer ON/Off** to stop the timer.

11. Stand to the side of the range out of the way of escaping vapor when opening the oven door.
12. Wipe oven cavity and bottom. Do not clean oven door gasket (See [Figure 23](#)).



**Figure 23: Do not clean the oven door gasket**

To stop the steam cleaning cycle at any time, press **STOP**.

#### Important notes:

- Always stay close to the oven when steam cleaning, so you can hear the timer alert.
- For best results, wipe out oven immediately after the cool-down period is complete.
- Removal of especially stubborn or baked-on soils may require a manual cleaning or a self clean cycle. See instructions in the “Self Clean” section on [page 24](#).
- Some condensation or water vapor may appear close to the oven vent, and some water may remain on the oven bottom. This is normal. Wipe with a soft cloth or sponge when the cool-down period is complete.
- The oven gasket may become damp; do not wipe dry. Open door to broil position and allow to air dry.
- Local water sources often contain minerals (hard water) and will leave deposits on the oven cavity surfaces. If this occurs, wipe cavity surfaces with diluted vinegar or lemon juice. Use distilled or filtered water.
- If the door is opened during steam cleaning or cool-down period, steam will escape and the oven may be more difficult to clean. Keep oven door closed during steam cleaning.

# Care & Cleaning

**Table 5: Cleaning recommendations**

Surface Type	Recommendation
Control knobs Painted body parts Painted decorative trim Aluminum, plastic or vinyl trim	For general cleaning, use hot, soapy water and a cloth. For more difficult soils and built-up grease, apply a liquid detergent directly onto the soil. Leave on soil for 30-60 minutes. Rinse with a damp cloth and dry. Do not use abrasive cleaners on any of these materials; they can scratch. To remove control knobs, turn to OFF position. Grasp firmly and pull straight off the shaft. To replace knobs after cleaning, line up the flat sides of both knob and shaft, then push knob into place.
Control panel Control keypad membrane Decorative trim (some models)	Before cleaning the control panel, turn all controls off, activate oven lockout (on some models), and if needed remove any knobs from panel. Do not use abrasive cleaners on any of these materials; they can scratch. Clean using hot, soapy water and a cloth or sponge. Be sure to squeeze excess water from cloth or sponge before wiping control panel, especially when wiping around the controls area. Excess water in or around the controls may cause damage to the appliance. When rinsing, use clean water and a cloth or sponge and be sure to squeeze excess water from cloth or sponge before wiping the control panel.
Porcelain enamel parts and door liner	Gentle scrubbing with a soapy non-abrasive scouring pad will remove most spots. Rinse with a 1:1 solution of clear water and ammonia. If necessary, cover difficult spots with an ammonia-soaked paper towel for 30 to 40 minutes. Rinse with clean water and a damp cloth, and then scrub with a soap-filled non-abrasive scouring pad. Rinse and wipe dry with a clean cloth. Do not allow food spills with high sugar or acid content (milk, tomatoes, sauerkraut, fruit juices, or pie filling) to remain on the surface; they may cause a dull spot even after cleaning.
Oven interior	For oven interior remove excessive spillovers from oven cavity bottom before starting Self Clean. Clean any soils from oven frame and door liner outside the oven door gasket. For very important cleaning precautions be sure to read all the instructions in the "Self Clean" section of the Oven Controls chapter on <a href="#">page 28</a> .
Oven racks	Remove oven racks from oven cavity before starting Self Clean. Clean by using a mild, abrasive cleaner following manufacturer's instructions. Rinse with clean water, dry, and then replace in oven.
Oven door	Use soap and water to thoroughly clean the top, sides, and front of the oven door. Rinse well. You may use a glass cleaner on the outside glass of the oven door. Do not immerse the door in water. Do not spray or allow water or the glass cleaner 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.
Ceramic cooktop	Do not use spray oven cleaners on the cooktop. See " <a href="#">Cooktop Maintenance</a> " on <a href="#">page 28</a> .
Stainless Steel (some models)	Always rub in direction of metal grain to avoid damaging. Do not use cleaners with high concentrations of chlorides or chlorine. Do not use harsh scrubbing cleaners. Polish with a lint-free cloth. Always be sure to wipe excess cleaner/polish off from the metal surface as bluish stains may occur during future oven heating that cannot be removed. Clean heavier soils with hot, soapy water and a cloth or sponge. Rinse and dry using clean water and a cloth.
Black Stainless Steel (some models)	Clean stainless steel with warm soapy water using a clean sponge or cloth. Rinse with clean water and dry with a soft, clean cloth. Do not use any store bought cleaners like stainless steel cleaners or any other types of cleaners containing abrasives, chlorides, chlorine, or ammonia. It is recommended to use mild dish soap and water or a 50/50 solution of water and vinegar.

## Care & 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 the recommended CookTop® Cleaning Creme to the ceramic surface (on the web visit [www.sears.com](http://www.sears.com) for replacement cooktop cleaner, item number 40079). Buff with a non-abrasive cloth or sponge. This will make cleaning easier when soiled from cooking. The special cooktop cleaning cream leaves a protective finish on the glass to help prevent scratches and abrasions.

Sliding aluminum or copper clad bottom pans on the cooktop can cause metal markings on the cooktop surface. These marks should be removed immediately after the cooktop has cooled using the 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 bottom; replace with clean cookware before using.
- 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.

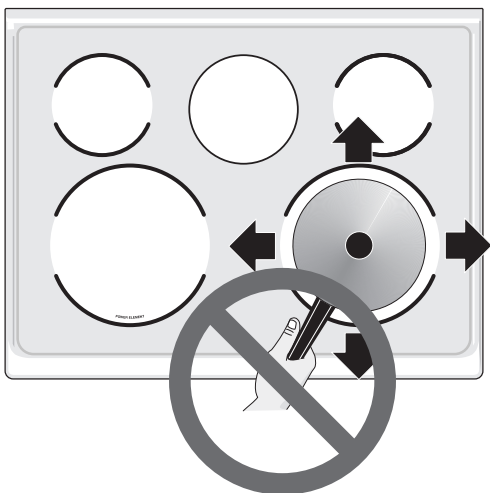


Figure 24: Cooktop care

### 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:

Apply a few drops of CookTop® Cleaning Creme directly to the cooktop. Use a paper towel or use a non-abrasive cloth or sponge to clean the entire cooktop surface. Make sure the cooktop is cleaned thoroughly, leaving no residue.

#### For heavy, burned on soil:

Apply a few drops of CookTop® Cleaning Creme 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 surface clean.

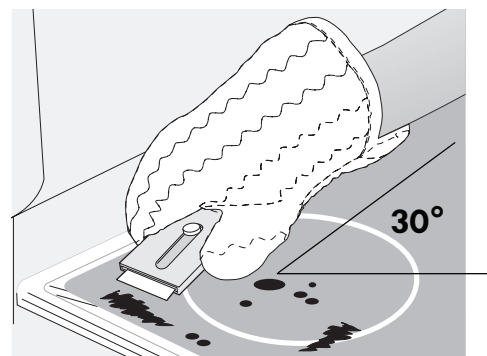


Figure 25: Cooktop cleaning

Plastic or foods with a high sugar content need be removed immediately if spilled or melted onto the ceramic cooktop surface. Permanent damage (such as pitting of the cooktop surface) may occur if not removed immediately. After turning the surface elements off, use a razor blade scraper or a metal spatula with a mitt and scrape the soil from the hot surface (as illustrated). Allow the cooktop to cool, and use the same method for heavy or burned on soils.

Do not use the following on the cooktop:

- Do not use abrasive cleaners and scouring pads, such as metal and some nylon pads. They may scratch the cooktop, making it more difficult to clean.
- Do not use harsh cleaners, such as chlorine bleach, ammonia or oven cleaners, as they may etch or discolor the cooktop.
- Do not use dirty sponges, cloths or paper towels, as they can leave soil or lint on the cooktop which can burn and cause discoloration.

**Important note:**

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.



**Figure 26: Cleaning products to avoid**

**General Cleaning**

Refer to [Table 5](#) 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.

**CAUTION** Ammonia 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.

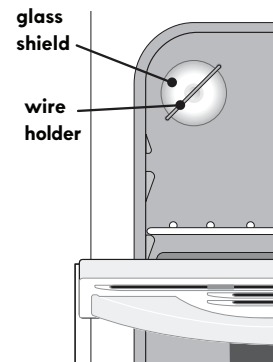
**WARNING** Protective Liners — Do not use aluminum foil to line the oven bottom. Only use aluminum foil as recommended in this manual. Improper installation of these liners may result in risk of electric shock, or fire.

- 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.

**Replacing oven light (some models)**

**To replace the interior oven light bulb:**

The oven light is located at the rear of the oven cavity and is covered with a glass shield held by a wire holder. The glass shield protects the light bulb and must be in place whenever the oven is in use.



**Figure 27: Replacing the oven light**

**CAUTION** Be sure the range is unplugged and all parts are cool before replacing oven light. Wear a leather-faced glove for protection against possible broken glass.

1. Turn electrical power off at the main source or unplug the range.
2. Press wire holder to one side to release the glass shield that covers the light bulb.
3. Replace light with a new 40 watt appliance bulb.
4. Replace glass shield over bulb and snap wire holder back into place.
5. Turn power on at the main source (or plug the appliance in).
6. The clock will then need to be reset. To reset, see [“Setting Clock”](#) on [page 17](#).

## Care & Cleaning

### Removing and replacing the lift-off oven door

**⚠ CAUTION** To avoid possible injury when removing or replacing the oven door, follow the instructions below carefully and always hold the oven door with both hands positioned away from the door hinge area.

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

#### To remove the oven door:

1. Open oven door completely (horizontal with floor - [Figure 28](#)).
2. Pull the door hinge locks on both left and right door hinges down from the oven frame completely towards the oven door ([Figure 29](#)). 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 - [Figure 30](#)).
4. Close the door to the broil stop position (the oven door will stop into this position just before fully closing).
5. With the oven door in the broil stop position, lift the oven door hinge arms over the roller pins located on each side of the oven frame ([Figure 30](#)).

#### To replace oven door:

1. Firmly grasp both sides of oven door along the door sides (Do not use the oven door handle - [Figure 30](#)).
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 ([Figure 31](#)). The hook of the hinge arms must be fully seated onto the roller pins.
3. Fully open the oven door (horizontal with floor - [Figure 28](#)).
4. Push the door hinge locks up towards and into the oven frame on both left and right oven door hinges ([Figure 29](#)) to the locked position; then, close the oven door.

### Special care instructions

Most oven doors contain glass that can break. Follow these recommendations:

- Do not close the oven door until all the oven racks are fully in place inside the oven cavity.
- 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.

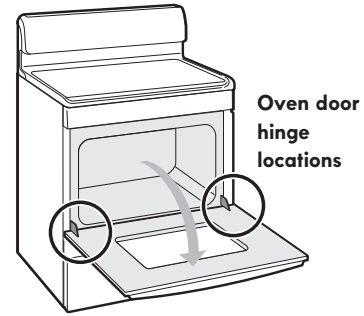


Figure 28: Oven hinge locations

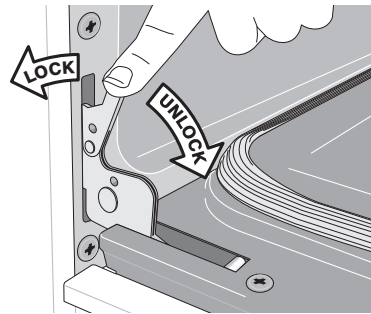


Figure 29: Hinge lock/unlock positions

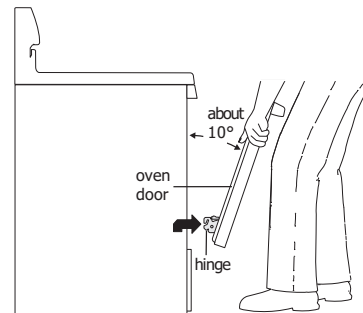


Figure 30: How to remove door

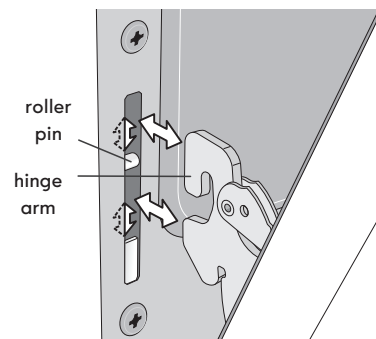


Figure 31: Hinge pin locations






# Before You Call

## Oven Baking

For best cooking results, heat the oven before baking cookies, breads, cakes, pies, pastries, et cetera. 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 the preheating time is completed.</li> <li>• Oven rack is overcrowded.</li> <li>• Dark pans absorb 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 2" to 4" of air space (5.1 cm or 10.2 cm) on all sides when placed in the oven.</li> <li>• Use a medium weight baking sheet.</li> </ul>
Cakes too dark on top or bottom 	<ul style="list-style-type: none"> <li>• Cakes put in oven before preheating time is completed.</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> </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 is 5.1 cm to 10.2 cm (2" to 4") of space on all sides of pan.</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 during 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>• Be sure to allow 5.1 cm to 10.2 cm (2" to 4") of clearance on all sides of each pan in the oven.</li> <li>• Do not use pans that are dented or warped.</li> <li>• Do not leave 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 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	Solution
Poor baking results	<ul style="list-style-type: none"><li>• Many factors affect baking results. Make sure the proper oven rack position is used. Center food in the oven and space pans to allow air to circulate. Allow the oven to preheat to the set temperature before placing food in the oven. Try adjusting the recipe's recommended temperature or baking time. If you feel the oven is too hot or cool, see <a href="#">"Adjusting oven temperature"</a> on <a href="#">page 23</a>.</li></ul>
Appliance is not level.	<ul style="list-style-type: none"><li>• Be sure floor is level, strong, and stable enough to adequately support range.</li><li>• If floor is sagging or sloping, contact a carpenter to correct the situation.</li><li>• Poor installation. Place oven rack in center of oven. Place a level on the oven rack. Adjust leveling legs at base of appliance until the rack is level.</li><li>• Kitchen cabinet alignment may make range appear not level. Be sure cabinets are square and have sufficient room for appliance clearance.</li></ul>
Cannot move appliance easily. Appliance must be accessible for service.	<ul style="list-style-type: none"><li>• Cabinets not square or are built in too tightly. Contact builder or installer to make appliance accessible.</li><li>• Carpet interferes with appliance. Provide sufficient space so appliance can be lifted over carpet.</li></ul>
Entire appliance does not operate.	<ul style="list-style-type: none"><li>• Make sure power cord is plugged properly into outlet.</li><li>• Electrical power outage. Check house lights to be sure. Call your local electric company for service outage information.</li><li>• Service wiring is not complete. Call 1-800-4-MY-HOME® for assistance (See back cover).</li></ul>
Oven portion of appliance does not operate.	<ul style="list-style-type: none"><li>• The time of day is not set. The time of day must first be set in order to operate the oven. See <a href="#">"Setting Clock"</a> on <a href="#">page 17</a>.</li><li>• Be sure the oven controls are set properly for the desired function. See the <a href="#">"Oven Controls"</a> chapter starting on <a href="#">page 16</a> and review instructions for the desired cooking function in this manual or see "Entire appliance does not operate" in this checklist.</li></ul>
Surface element is too hot or not hot enough.	<ul style="list-style-type: none"><li>• Incorrect surface control setting. Adjust power level setting.</li></ul>
Surface element does not heat or does not heat evenly.	<ul style="list-style-type: none"><li>• Be sure the correct surface control knob is turned on for element needed.</li><li>• Lightweight or warped pans used. 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.</li></ul>
Oven light does not work.	<ul style="list-style-type: none"><li>• Be sure the oven light is secure in the socket. Also see <a href="#">"Replacing oven light (some models)"</a> on <a href="#">page 29</a>.</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	Solution
Oven smokes excessively when broiling.	<ul style="list-style-type: none"> <li>• Incorrect setting. Follow the “<a href="#">Setting Broil</a>” instructions in Oven Controls chapter on <a href="#">page 22</a>.</li> <li>• Be sure oven door is opened to broil stop position when broiling.</li> <li>• Meat too close to the broil element. Reposition the broil rack to provide proper clearance between the meat and the element. Preheat the broil element for searing.</li> <li>• Meat not properly prepared. Remove excess fat from meat. Cut remaining fatty edges to prevent curling, but do not cut into lean.</li> <li>• Grease has built up on oven surfaces. Regular cleaning is necessary when broiling frequently. Old grease or food spatters cause excessive smoking.</li> </ul>
Flames inside oven or smoking from oven vent.	<ul style="list-style-type: none"> <li>• Excessive spillovers in oven. For example, this will happen for pie spillovers or large amounts of grease left on the oven bottom. Wipe up excessive spillovers before starting oven. If flames or excessive smoke are present, follow the “<a href="#">Setting Broil</a>” instructions in Oven Controls chapter on <a href="#">page 22</a>.</li> </ul>
Oven control panel beeps and displays any F code error.	<ul style="list-style-type: none"> <li>• Oven control has detected a fault or error condition. Press <b>STOP</b> to clear the error code. Try Bake or Broil function. If the F code error repeats, remove power from appliance, wait 5 minutes, and then repower appliance and set clock with the correct time of day. Try Bake or Broil function again. If the fault recurs, press <b>STOP</b> to clear and call 1-800-4-MY-HOME® for assistance (See back cover).</li> </ul>
Self Clean does not work.	<ul style="list-style-type: none"> <li>• Oven control not set properly. Review the “<a href="#">Self Clean</a>” instructions in Oven Controls chapter on <a href="#">page 24</a>.</li> </ul>
Soil not completely removed after Self Clean.	<ul style="list-style-type: none"> <li>• Self Clean was interrupted. Review the “<a href="#">Self Clean</a>” instructions in Oven Controls chapter on <a href="#">page 24</a>.</li> <li>• Excessive spillovers on oven bottom. Remove before starting Self Clean.</li> <li>• 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 the self-cleaning cycle is started. 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.</li> </ul>
Oven racks discolored.	<ul style="list-style-type: none"> <li>• Oven racks left in oven cavity during Self Clean. Always 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.</li> </ul>
Convection fan does not rotate.	<ul style="list-style-type: none"> <li>• Oven door is open. Convection fan will turn off if oven door is opened when Convection is active. Close oven door.</li> </ul>
Scratches or abrasions on cooktop surface.	<ul style="list-style-type: none"> <li>• Coarse particles such as salt or hardened soils between cooktop and utensils can cause scratches. Be sure cooktop surface and bottoms of utensils are clean before usage. Small scratches do not affect cooking and will become less visible with time.</li> <li>• Cleaning materials not recommended for ceramic-glass cooktop have been used. Apply the recommended CookTop® Cleaning Creme to the ceramic surface (on the web visit <a href="http://www.sears.com">www.sears.com</a> for replacement cooktop cleaner, item number 40079). Buff with a non-abrasive cloth or sponge. For more information see “<a href="#">Cooktop Maintenance</a>” on <a href="#">page 28</a>.</li> <li>• Cookware with rough bottom was used. Use smooth, flat-bottomed cookware.</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:

<b>Problem</b>	<b>Solution</b>
Metal marks on the cooktop.	<ul style="list-style-type: none"><li>Sliding or scraping of metal utensils on cooktop surface. Do not slide metal utensils on cooktop surface. Apply the recommended CookTop® Cleaning Creme to the ceramic surface (on the web visit <a href="http://www.sears.com">www.sears.com</a> for replacement cooktop cleaner, item number 40079). Buff with a non-abrasive cloth or sponge. For more information see “Cooktop maintenance” and “Cooktop cleaning” in the Care and Cleaning section of this Use &amp; Care Guide.</li></ul>
Brown streaks or specks on cooktop surface.	<ul style="list-style-type: none"><li>Boilovers are cooked onto surface. Use razor blade scraper to remove soil. For more information see “Cooktop maintenance” and “Cooktop cleaning” in the Care and Cleaning section of this Use &amp; Care Guide.</li></ul>
Areas of discoloration with metallic sheen on cooktop surface.	<ul style="list-style-type: none"><li>Mineral deposits from water and food. Remove using the recommended CookTop® Cleaning Creme to the ceramic surface (on the web visit <a href="http://www.sears.com">www.sears.com</a> for replacement cooktop cleaner, item number 40079). Buff with a non-abrasive cloth or sponge.</li></ul>

### Master Protection Agreements

Congratulations on making a smart purchase. Your new Kenmore Elite® product is designed and manufactured for years of dependable operation. But like all products, it may require preventive maintenance or repair from time to time. That's when having a Master Protection Agreement can save you money and aggravation.

The Master Protection Agreement also helps extend the life of your new product. Here's what the Agreement\* includes:

- ☑ Parts and labor not just for repairing defects, but to help keep products operating properly under normal use. Our coverage goes well beyond the product warranty. No deductibles, no functional failure excluded from coverage— real protection.
- ☑ Expert service by experienced service technicians trusted in millions of homes every year.
- ☑ Unlimited service calls and nationwide service, as often as you want us, whenever you want us.
- ☑ “No-lemon” guarantee – replacement of your covered product after three separate product failures occur within twelve months and a fourth repair is required. Includes free delivery and installation, if necessary, of replacement product.
- ☑ Product replacement if your covered product can't be fixed.
- ☑ Annual Preventive Maintenance Check at your request – no extra charge.
- ☑ Fast help by phone – phone support from a service agent on all products to help troubleshoot problems. Think of us as a “talking owner’s manual.”
- ☑ Power surge protection against electrical damage due to power fluctuations.
- ☑ \$300 Food Loss Protection for any food spoilage that is the result of mechanical failure of any covered refrigerator or freezer.
- ☑ Service Promise: \$50 if first attempt repair of your covered product can't be accomplished and product is not usable while awaiting further repair service.
- ☑ 25% discount off the regular price of any non-covered repair service and related installed parts.

Once you purchase the Agreement, a simple phone call is all that it takes for you to schedule service. You can call anytime day or night.

The Master Protection Agreement is a risk free purchase. If you cancel for any reason during the product warranty period, we will provide a full refund. Or, a prorated refund anytime after the product warranty period expires. Purchase your Master Protection Agreement today!

**Some limitations and exclusions apply. For prices and additional information call 1-800-827-6655.**

### Sears Installation Service

For Sears professional installation of home appliances, garage door openers, water heaters, and other major home items, call 1-844-553-6667.

### Acuerdos principales de protección

Ehonorabuna por hacer una compra inteligente. Su nuevo producto Kenmore Elite® está diseñado y fabricado para disfrutar de años de funcionamiento confiable. Pero como todos los productos, puede requerir de mantenimiento preventivo o reparación de vez en cuando. Por ello, disponer de un Acuerdo de protección principal puede ahorrarle dinero y molestias.

El Acuerdo de protección principal también ayuda a prolongar la vida útil de su nuevo producto. Esto es lo que incluye el Acuerdo\*:

- ☑ No sólo las piezas y la mano de obra para la reparación de defectos, sino también para ayudar a mantener los productos funcionando correctamente en condiciones normales de uso. Nuestra cobertura va mucho más allá de la garantía del producto. Sin deducibles y sin insuficiencia funcional excluida de la cobertura. Protección real.
- ☑ Mantenimiento realizado por técnicos expertos con la confianza de millones de hogares cada año.
- ☑ Servicio de llamadas ilimitado y servicio a nivel nacional, tan a menudo como desee y siempre que quiera.
- ☑ Garantía sin sorpresas: sustitución del producto después de tres fallos independientes dentro de un plazo de doce meses y cuando se requiera una cuarta reparación. Incluye entrega gratuita y, si es necesario, la instalación del producto de reemplazo.
- ☑ Sustitución del producto si el producto cubierto no puede arreglarse.
- ☑ Mantenimiento preventivo anual a petición: sin cargo extra.
- ☑ Ayuda rápida por teléfono: asistencia telefónica de un técnico para ayudarle a resolver los problemas con todos los productos. Piense en nosotros como un manual del propietario "hablado".
- ☑ Protección contra los daños eléctricos por sobretensión debido a las fluctuaciones del suministro.
- ☑ Protección contra la pérdida de alimentos de 300 \$ por cualquier deterioro de los alimentos como resultado de una avería mecánica de cualquier refrigerador o congelador cubierto por la garantía.
- ☑ Promesa de servicio: 50 \$ si el primer intento de reparación de su producto cubierto por la garantía no tiene éxito y el producto no puede utilizarse mientras espera al servicio de reparación.
- ☑ 25% de descuento sobre el precio habitual de cualquier servicio de reparación no cubierto y en las piezas instaladas.

Una vez adquirido el Acuerdo, una simple llamada telefónica es todo lo que necesita para programar el servicio. Puede llamar a cualquier hora del día o de la noche.

El Acuerdo de protección principal es una compra libre de riesgo. Si lo cancela por cualquier motivo durante el período de garantía del producto, le proporcionaremos un reembolso completo. O bien, un reembolso prorrateado en cualquier momento después de la expiración del período de garantía del producto. Compre hoy su Acuerdo de protección principal.

**Se aplican algunas limitaciones y exclusiones. Para consultar los precios e información adicional llame al 1-800-827-6655.**

### Servicio de instalación de Sears

Para ponerse en contacto con el servicio profesional de Sears para la Instalación de electrodomésticos, abridores de puertas de garaje, calentadores de agua y otros importantes objetos para el hogar, llame al 1-844-553-6667.

## Master Protection Agreements

Congratulations on making a smart purchase. Your new Kenmore Elite® product is designed and manufactured for years of dependable operation. But like all products, it may require preventive maintenance or repair from time to time. That's when having a Master Protection Agreement can save you money and aggravation.

The Master Protection Agreement also helps extend the life of your new product. Here's what the Agreement\* includes:

- ☑ Parts and labor not just for repairing defects, but to help keep products operating properly under normal use. Our coverage goes well beyond the product warranty. No deductibles, no functional failure excluded from coverage— real protection.
- ☑ Expert service by experienced service technicians trusted in millions of homes every year.
- ☑ Unlimited service calls and nationwide service, as often as you want us, whenever you want us.
- ☑ "No-lemon" guarantee – replacement of your covered product after three separate product failures occur within twelve months and a fourth repair is required. Includes free delivery and installation, if necessary, of replacement product.
- ☑ Product replacement if your covered product can't be fixed.
- ☑ Annual Preventive Maintenance Check at your request – no extra charge.
- ☑ Fast help by phone – phone support from a service agent on all products to help troubleshoot problems. Think of us as a "talking owner's manual."
- ☑ Power surge protection against electrical damage due to power fluctuations.
- ☑ \$300 Food Loss Protection for any food spoilage that is the result of mechanical failure of any covered refrigerator or freezer.
- ☑ Service Promise: \$50 if first attempt repair of your covered product can't be accomplished and product is not usable while awaiting further repair service.
- ☑ 25% discount off the regular price of any non-covered repair service and related installed parts.

Once you purchase the Agreement, a simple phone call is all that it takes for you to schedule service. You can call anytime day or night.

The Master Protection Agreement is a risk free purchase. If you cancel for any reason during the product warranty period, we will provide a full refund. Or, a prorated refund anytime after the product warranty period expires. Purchase your Master Protection Agreement today!

**Some limitations and exclusions apply. For prices and additional information call 1-800-827-6655.**

### Sears Installation Service

For Sears professional installation of home appliances, garage door openers, water heaters, and other major home items, call **1-844-553-6667**.

## Acuerdos principales de protección

Enhorabuena por hacer una compra inteligente. Su nuevo producto Kenmore Elite® está diseñado y fabricado para disfrutar de años de funcionamiento confiable. Pero como todos los productos, puede requerir de mantenimiento preventivo o reparación de vez en cuando. Por ello, disponer de un Acuerdo de protección principal puede ahorrarle dinero y molestias.

El Acuerdo de protección principal también ayuda a prolongar la vida útil de su nuevo producto. Esto es lo que incluye el Acuerdo\*:

- ☑ No sólo las piezas y la mano de obra para la reparación de defectos, sino también para ayudar a mantener los productos funcionando correctamente en condiciones normales de uso. Nuestra cobertura va mucho más allá de la garantía del producto. Sin deductibles y sin insuficiencia funcional excluida de la cobertura. Protección real.
- ☑ Mantenimiento realizado por técnicos expertos con la confianza de millones de hogares cada año.
- ☑ Servicio de llamadas ilimitado y servicio a nivel nacional, tan a menudo como desee y siempre que quiera.
- ☑ Garantía sin sorpresas: sustitución del producto después de tres fallos independientes dentro de un plazo de doce meses y cuando se requiera una cuarta reparación. Incluye entrega gratuita y, si es necesario, la instalación del producto de reemplazo.
- ☑ Sustitución del producto si el producto cubierto no puede arreglarse.
- ☑ Mantenimiento preventivo anual a petición: sin cargo extra.
- ☑ Ayuda rápida por teléfono: asistencia telefónica de un técnico para ayudarle a resolver los problemas con todos los productos. Piense en nosotros como un manual del propietario "hablado".
- ☑ Protección contra los daños eléctricos por sobretensión debido a las fluctuaciones del suministro.
- ☑ Protección contra la pérdida de alimentos de 300 \$ por cualquier deterioro de los alimentos como resultado de una avería mecánica de cualquier refrigerador o congelador cubierto por la garantía.
- ☑ Promesa de servicio: 50 \$ si el primer intento de reparación de su producto cubierto por la garantía no tiene éxito y el producto no puede utilizarse mientras espera al servicio de reparación.
- ☑ 25% de descuento sobre el precio habitual de cualquier servicio de reparación no cubierto y en las piezas instaladas.

Una vez adquirido el Acuerdo, una simple llamada telefónica es todo lo que necesita para programar el servicio. Puede llamar a cualquier hora del día o de la noche.

El Acuerdo de protección principal es una compra libre de riesgo. Si lo cancela por cualquier motivo durante el período de garantía del producto, le proporcionaremos un reembolso completo. O bien, un reembolso prorrateado en cualquier momento después de la expiración del período de garantía del producto. Compre hoy su Acuerdo de protección principal.

**Se aplican algunas limitaciones y exclusiones. Para consultar los precios e información adicional llame al 1-800-827-6655.**

### Servicio de instalación de Sears

Para ponerse en contacto con el servicio profesional de Sears para la Instalación de electrodomésticos, abridores de puertas de garaje, calentadores de agua y otros importantes objetos para el hogar, llame al 1-844-553-6667.



# Kenmore®

For Sears Home Services in-home repair  
of all Kenmore major appliances.

For the replacement parts, accessories and  
Use & Care Guides that you need to do-it-yourself.

For professional installation of major home appliances  
and items like air conditioners and water heaters.

## 1-844-553-6667

[www.kenmore.com](http://www.kenmore.com)

In Canada 1-800-469-4663

[www.sears.ca](http://www.sears.ca)

---

Call anytime for the location of your nearest  
Sears Parts & Repair Service Center

1-800-488-1222 (U.S.A.)

1-800-469-4663 (Canada)

---

To purchase a protection agreement on a serviceable product :

1-800-827-6655 (U.S.A.)

1-800-361-6665 (Canada)

---

Para pedir servicio de reparación  
a domicilio, y ordenar piezas:

1-888-SU-HOGAR®

(1-888-784-6427)

[www.kenmore.com](http://www.kenmore.com)

Au Canada pour service en français:

1-800-LE-FOYER<sup>MC</sup>

(1-800-533-6937)

[www.sears.ca](http://www.sears.ca)

