



# Electric Range

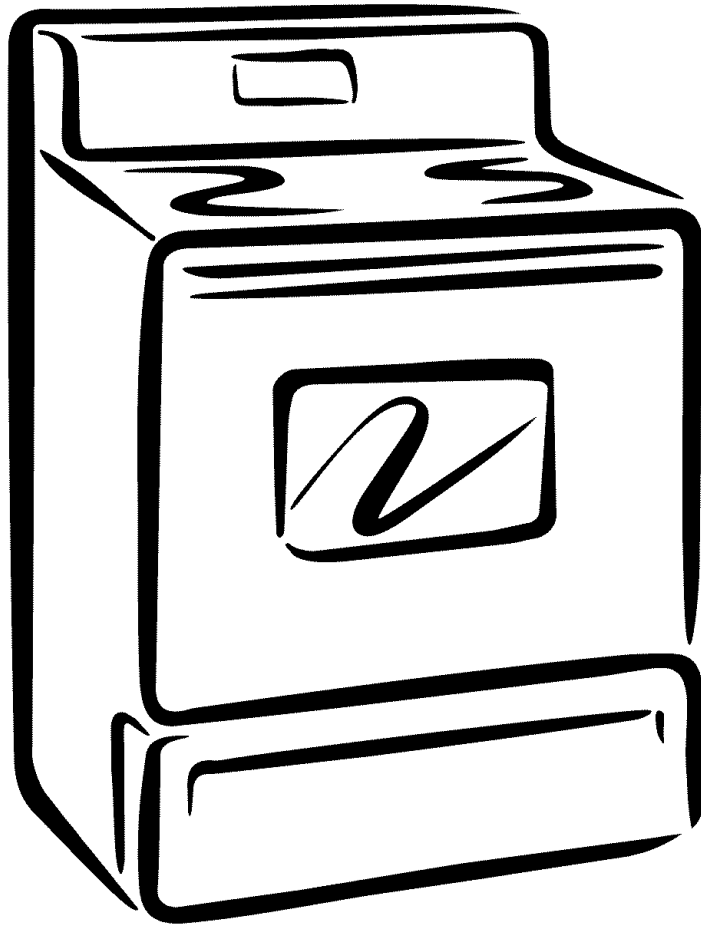
Use & Care Guide

# Estufa eléctrica

Guía para el Uso y Cuidado

Models, Modelos 790. 9503 \*, 9504 \*

\* = color number, número de color



ENGLISH

ESPAÑOL

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## Product Record

In this space below, record the date of purchase, model and serial number of your product. You will find the model and serial number printed on an identification plate. This serial plate is located on the right side of the oven front frame in the storage or warmer drawer compartment. **See bottom of this page** for the serial plate location.

Model No. 790.

Serial No. \_\_\_\_\_

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

Save these instructions and your sales receipt for future reference.

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## Free-Standing Range Warranty

### FULL ONE YEAR WARRANTY ON ALL PARTS

For one year from the date of purchase, when installed and operated according to the Installation Instructions and Use & Care Guide, if any part of this range fails due to a defect in material or workmanship, Sears will repair or replace it, at our option, free of charge.

### ADDITIONAL FOUR-YEAR LIMITED WARRANTY ON RANGE PARTS

For the second through the fifth year from the date of purchase, when installed and operated according to the Installation Instructions and Use & Care Guide, Sears will supply the following range parts free of charge if they fail for the reasons listed below. Customer must pay labor cost of installation.

- Cooktop glass if it fails due to thermal shock
- Cooking elements if they are defective
- Rubber seal if it cracks between the cooktop glass and the porcelain edge.

#### What Sears will not cover:

- Failure of the product if it is abused, misused, or used for other than the intended purpose.
- Damage to the cooktop glass caused by the use of cleaners or utensils other than the recommended cleaning cream and tools.
- Damage to the cooktop glass caused by hardened spills of sugary materials (including starches from vegetables or pastas) or melted plastic that are not cleaned according to the directions in the Use & Care Guide.
- Repairs to parts or systems resulting from unauthorized modifications made to the appliance.

If this product is subjected to other than private residential use, all warranty coverage is effective for only 90 days.

**WARRANTY SERVICE IS AVAILABLE BY CONTACTING SEARS AT  
1-800-4-MY-HOME®.**

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.  
Sears, Roebuck and Co., Dept. 817WA, Hoffman Estates, IL 60179

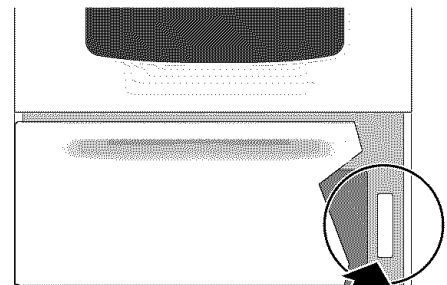
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## Serial Plate Location

You will find the model and serial number printed on a serial plate. This serial plate is located on the right side of the oven front frame behind the lower panel or storage drawer compartment.

Please see the illustration at right for the exact location.

Remember to record the serial number for future reference (See top of this page) under Product Record.



Serial plate location; remove lower panel (on some models) or storage drawer.

# Important Safety Instructions

Read all instructions before using this appliance.  
Save these instructions for future reference.

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

**⚠ WARNING** This symbol will help alert you to situations that may cause serious bodily harm, death or property damage.

**⚠ CAUTION** This symbol will help alert you to situations that may cause bodily injury or property damage.

- **Remove all tape and packaging before using the range.**  
Destroy the carton and plastic bags after unpacking the range. Never allow children to play with packaging material.
- **Proper Installation—Be sure your appliance is properly installed and grounded by a qualified technician in accordance with the National Electrical Code ANSI/NFPA No. 70 latest edition and local electrical code requirements.**  
Install only per installation instructions provided in the literature package for this range.  
Ask your dealer to recommend a qualified technician and an authorized repair service. Know how to disconnect the power to the range at the circuit breaker or fuse box in case of an emergency.
- **User servicing—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 may reduce the risk of personal injury and damage to the range.
- **Never modify or alter the construction of a range by removing leveling legs, panels, wire covers, anti-tip brackets/screws, or any other part of the product.**

## ⚠ WARNING

- All ranges can tip.
- Injury to persons could result.
- Install anti-tip device packed with range.
- See Installation Instructions.



**⚠ WARNING** To reduce the risk of tipping, the range must be secured by properly installed anti-tip bracket provided with the range. To check if the bracket is installed properly, visually check that rear leveling leg is inserted into and fully secured by the anti-tip bracket by removing lower panel or storage drawer. For models with a warmer drawer, grasp the top rear edge of the range and carefully attempt to tilt it forward. Refer to the Installation Instructions for proper anti-tip bracket installation.



**⚠ WARNING** Stepping, leaning or sitting on the doors or drawers of this range can result in serious injuries and also cause damage to the range. Do not allow children to climb or play around the range. The weight of a child on an open door may cause the range to tip, resulting in serious burns or other injury.

**⚠ WARNING** Do not use the oven or warmer drawer (if equipped) for storage.

**⚠ CAUTION** Do not store items of interest to children in the cabinets above a range or on the backguard of a range. Children climbing on the range to reach items could be seriously injured.

**⚠ WARNING** Never Use Your Appliance for Warming or Heating the Room.

- **Storage in or on Appliance—Flammable materials should not be stored in an oven, warmer drawer, near surface units or in the storage drawer.** This includes paper, plastic and cloth items, such as cookbooks, plasticware and towels, as well as flammable liquids. Do not store explosives, such as aerosol cans, on or near the range.
- **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.
- **DO NOT TOUCH SURFACE UNITS, AREAS NEAR THESE UNITS, HEATING ELEMENTS OR INTERIOR SURFACES OF THE OVEN.** Both surface units and oven heating elements may be hot even though they are dark in color. Areas near surface units 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 have had sufficient time to cool. Among these areas are the cook top, surfaces facing the cook top, the oven vent openings and surfaces near these openings, oven door and window.
- **Wear Proper Apparel—Loose-fitting or hanging garments should never be worn while using the appliance.** Do not let clothing or other flammable materials contact hot surfaces.
- **Do Not Use Water or Flour on Grease Fires—Smother the fire with a pan lid, or use baking soda, a dry chemical or foam-type extinguisher.**
- **When heating fat or grease, watch it closely.** Fat or grease may catch fire if allowed to become too hot.
- **Use Only Dry Potholders—Moist or damp potholders on hot surfaces may result in burns from steam.** Do not let potholders touch hot heating elements. Do not use a towel or other bulky cloth instead of a potholder.
- **Do Not Heat Unopened Food Containers—Buildup of pressure may cause container to burst and result in injury.**
- **Remove the oven door from any unused range if it is to be stored or discarded.**

**IMPORTANT—Do not attempt to operate the range during a power failure.** If the power fails, always turn off the range. If the range is not turned off and the power resumes, the range will begin to operate again. Once the power resumes, reset the clock and oven function.

# Important Safety Instructions

## IMPORTANT INSTRUCTIONS FOR USING YOUR COOKTOP

- **Know which knob controls each surface heating unit.** Place a pan of food on the unit before turning it on, and turn the unit off before removing the pan.
- **Use Proper Pan Size**—This appliance is equipped with one or more surface units of different sizes. Select utensils having flat bottoms large enough to cover the surface unit heating element. The use of undersized utensils will expose a portion of the heating element to direct contact and may result in ignition of clothing. Proper relationship of utensil to element will also improve efficiency.
- **Utensil 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 utensil should be positioned so that it is turned inward, and does not extend over adjacent surface units.
- **Never Leave Surface Elements Unattended at High Heat Settings**—Boilovers cause smoking and greasy spillovers that may ignite, or a pan that has boiled dry may melt.
- **Do Not Immerse or Soak Removable Heating Elements**—Heating elements should never be immersed in water. Heating elements clean themselves during normal operation.
- **Glazed Cooking Utensils**—Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for cook top service without breaking due to the sudden change in temperature. Check the manufacturer's recommendations for cook top use.
- **When flaming foods under a ventilating hood, turn the fan on.**

## IMPORTANT INSTRUCTIONS FOR CLEANING YOUR RANGE

- **Clean the range regularly to keep all parts free of grease that could catch fire.** Pay particular attention to the area underneath each surface element. Do not allow grease to accumulate.
- **Kitchen cleaners and aerosols**—Always follow the manufacturer's recommended directions for use. 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 the hood or filter. Follow manufacturer's instructions for cleaning.

## FOR CERAMIC-GLASS COOK TOP MODELS

- **Do Not Cook on Broken Cook Top**—If cook top should break, cleaning solutions and spillovers may penetrate the broken cook top and create a risk of electric shock. Contact a qualified technician immediately.
- **Clean Cook Top 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 noxious fumes if applied to a hot surface.

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## 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 the state to cause cancer, birth defects or other reproductive harm, and requires businesses to warn customers of potential exposure to such substances.

## IMPORTANT INSTRUCTIONS FOR USING YOUR OVEN

- **Use Care When Opening Oven Door or Warmer Drawer (if equipped)**—Stand to the side of the range 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.** The oven vent is located under the left rear surface element if your model is equipped with coil elements. The oven vent is located below the backguard for models equipped with ceramic-glass cook tops. Touching the surfaces in this area when the oven is operating may cause severe burns. Also, do not place plastic or heat-sensitive items on or near the oven vent. These items could melt or ignite.
- **Placement of Oven Racks.** Always place oven racks in desired location while oven is cool. If rack must be moved while oven is hot use extreme caution. Use potholders and grasp the rack with both hands to reposition. Do not let potholders contact the hot heating elements in the oven. Remove all utensils from the rack before moving.
- **Do not use the broiler pan without its insert.** The broiler pan and its insert allow dripping fat to drain and be kept away from the high heat of the broiler.
- **Do not cover the broiler insert with aluminum foil. Exposed fat and grease could ignite.**
- **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.

# **PROTECTION AGREEMENTS**

## **In the U.S.A.**

### **Master Protection Agreements**

Congratulations on making a smart purchase. Your new Kenmore® appliance 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.

*Purchase a Master Protection Agreement now and protect yourself from unexpected hassle and expense.*

The Master Protection Agreement also helps extend the life of your new appliance. Here's what's included in the Agreement:

- Expert service by our 12,000 professional repair specialists
- Unlimited service and no charge for parts and labor on all covered repairs
- "No-lemon" guarantee – replacement of your covered product if more than three product failures occur within twelve months
- Product replacement if your covered product can't be fixed
- Annual Preventive Maintenance Check at your request – no extra charge
- Fast help by phone – non-technical and instructional assistance on products repaired in your home, plus convenient repair scheduling
- Power surge protection against electrical damage due to power fluctuations
- Rental reimbursement if repair of your covered product takes longer than promised

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, or schedule a service appointment online.

Sears has over 12,000 professional repair specialists, who have access to over 4.5 million quality parts and accessories. That's the kind of professionalism you can count on to help prolong the life of your new purchase for years to come. 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 guaranteed professional installation of home appliances and items like garage door openers and water heaters, in the U.S.A. call 1-800-4-MY-HOME®

## **In Canada**

### **Maintenance Agreements**

Your purchase has added value because you can depend on Sears HomeCentral® for service. With over 2400 Service Technicians and access to over 900,000 parts and accessories, we have the tools, parts, knowledge and skills to ensure our pledge: We Service What We Sell.

Your Kenmore® appliance is designed, manufactured and tested to provide years of dependable operation. Yet any major appliance may require service from time to time. The Sears Maintenance Agreement offers you an outstanding service program, affordably priced.

### **The Sears Maintenance Agreement**

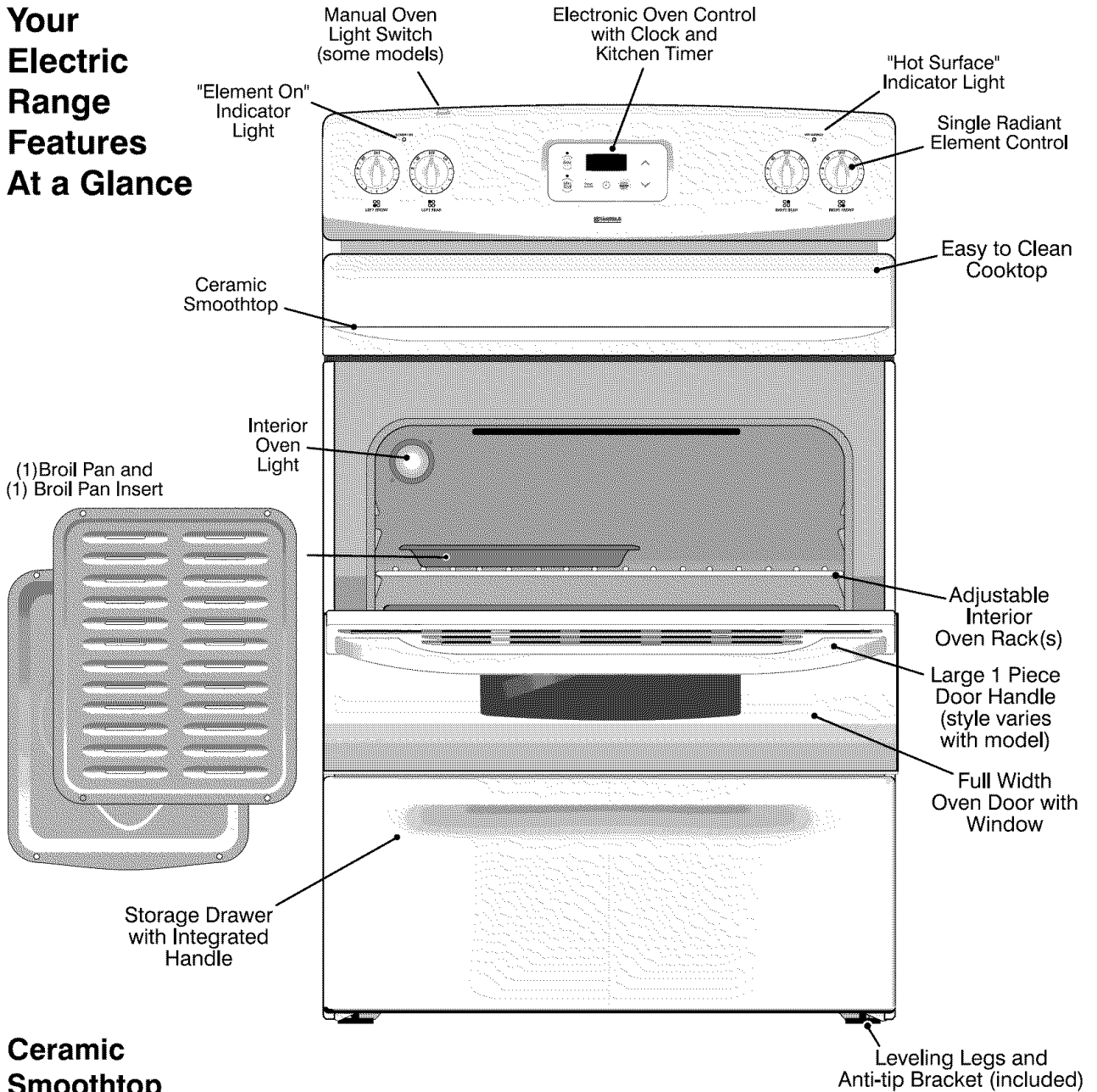
- Is your way to buy tomorrow's service at today's price.
- Eliminates repair bills resulting from normal wear and tear.
- Provides for non-technical and instructional assistance.
- Even if you don't need repairs, provides an annual Preventive Maintenance Check, at your request, to ensure that your appliance is in proper running condition.

**Some limitations apply. For information concerning Sears Canada Maintenance Agreements, call 1-800-361-6665.**

# Range Features

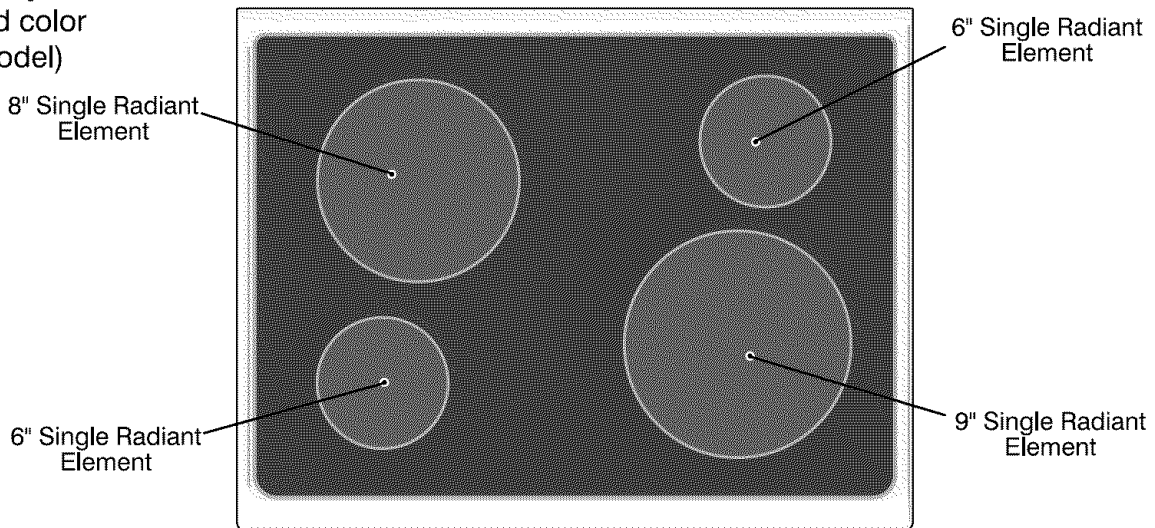
Note: The features of your range will vary according to model.

## Your Electric Range Features At a Glance

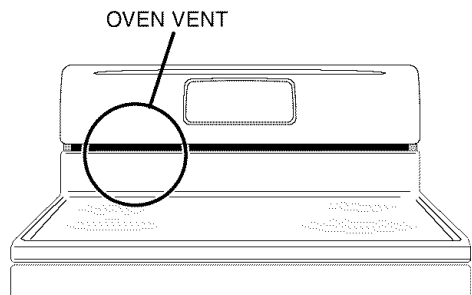


## Ceramic Smoothtop

(styles and color vary by model)



# Before Setting Oven Controls



## Oven Vent Location

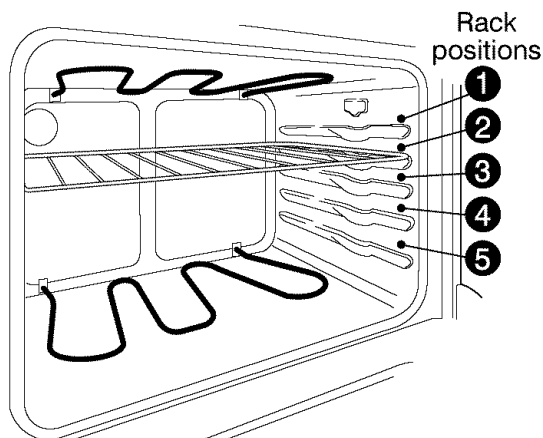
For models equipped with ceramic cooktops, the oven vent is located **under the left rear side of the control panel**. When the oven is on, warm air is released through the vent. This venting is necessary for proper air circulation in the oven and good baking results. **DO NOT BLOCK OVEN VENT.**

## Arranging Oven Racks

**ALWAYS ARRANGE OVEN RACKS WHEN THE OVEN IS COOL (PRIOR TO OPERATING THE OVEN).** Always use oven mitts when using the oven.

## Removing & Replacing Oven Racks

**To remove**, pull the rack forward until it stops. Lift up front of rack and slide out. **To replace**, fit the rack onto the guides on the oven walls. Tilt the front of the rack upward and slide the rack back into place.



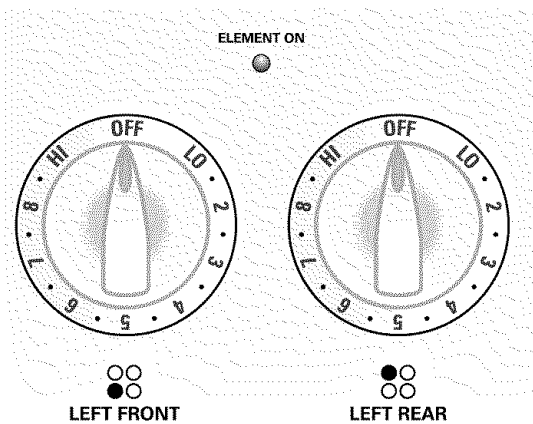
## RECOMMENDED RACK POSITIONS FOR BROILING, BAKING & ROASTING

Food	Rack Position
Broiling meats, chicken or fish	1, 2 or 3
Cookies, cakes, pies, biscuits & muffins	3 or 4
Frozen pies, angel food cake, yeast, bread, casseroles, small cuts of meat or poultry	5
Turkey, roast or ham	5

ENGLISH

## 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. **Make sure** the diameter of the pan matches the diameter of the element outline on the cooktop. Heat is transferred up through the surface of the cooktop to the cookware. 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**.



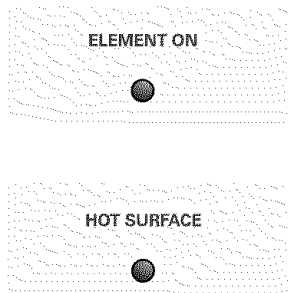
## About the Radiant Surface Elements

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. The ceramic fixture thermally insulates the heating element, concentrating heat in the heating zone. For efficient cooking, turn off the element several minutes before cooking is complete. This will allow residual heat to complete the cooking process.

**NOTE:** Please read detailed instructions for ceramic glass cooktop cleaning in the **General Care & Cleaning** and **Before You Call** checklist sections of this Use & Care Manual.

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

# Before Setting Oven Controls



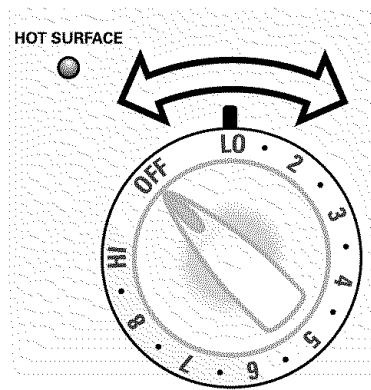
## Element On and Hot Surface Indicator Lights

Your range is equipped with two different surface control lights that will glow on your range—the **Element On** indicator light and a **Hot Surface** indicator light. The **Element On** located on the control panel, will glow when any surface element is turned on. A quick glance at this light after cooking is an easy check to be sure all surface controls are turned off.

The **Hot Surface** indicator light, located on the control panel, will glow as the surface cooking area heats up and will **REMAIN ON** until the glass cooktop has cooled to a **MODERATE** level.

# Setting Surface Controls

## To Operate Single Radiant Surface Elements



1. Place correctly sized cookware on the radiant surface element.
2. Push in and turn the surface control knob in either direction to the desired setting. Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking. The surface control knobs do not have to be set exactly on a particular mark. Use the marks as a guide and adjust the control knob as needed. Each surface element provides a constant amount of heat at each setting. 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.
3. When cooking is completed, turn the surface element off before removing the cookware. Note: the **Element On** indicator light will glow when one or more elements are turned on. A quick glance at the indicator light(s) when cooking is finished is an easy check to be sure all control knobs are turned off. The **Hot Surface** indicator light will continue to glow **AFTER** the control knob is turned to the "Off" position and will glow until the heating surface area has cooled sufficiently.

**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.

## Surface Cooking Using proper cookware

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

Be sure to follow the recommendations for using cookware as shown in Fig. 2.

**Note:** The size and type of cookware used will influence the setting needed for best cooking results.

**Deep fat frying** - Use a thermometer and adjust the surface control knob accordingly. If the fat is too cool, the food will absorb the fat and be greasy. If the fat is too hot, the food will brown so quickly that the center will be undercooked. Do not attempt to deep fat fry too much food at once as the food will neither brown or cook properly.

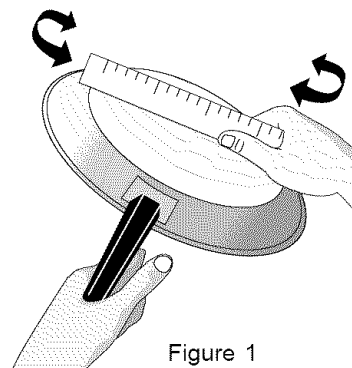


Figure 1

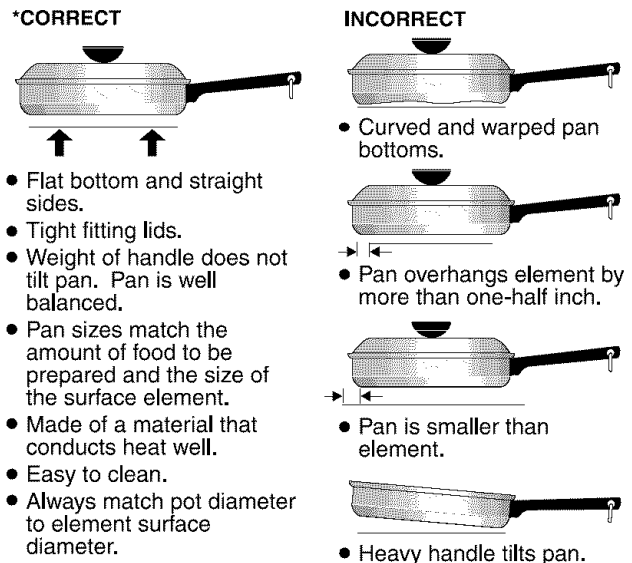
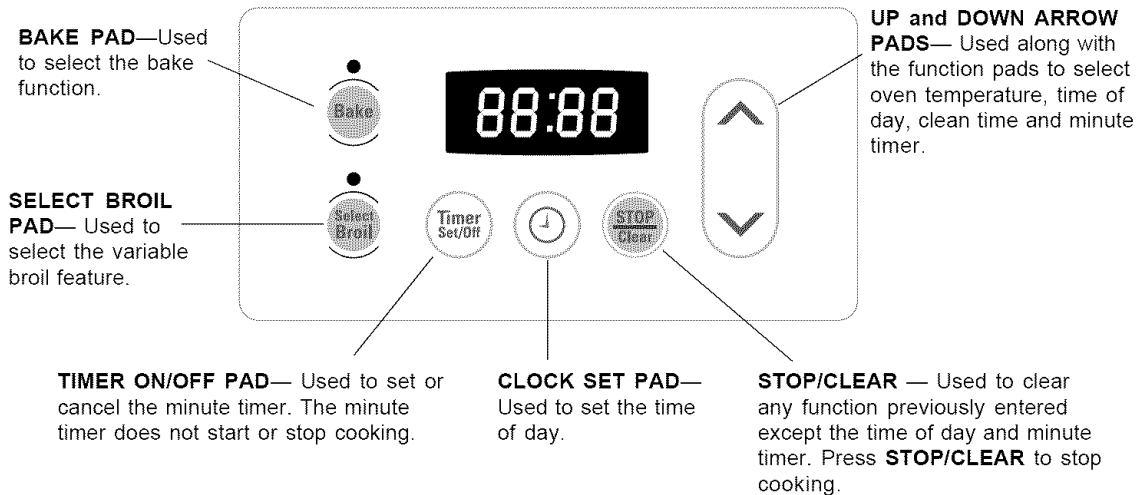


Figure 2



# Oven Control Functions

**READ THE INSTRUCTIONS CAREFULLY BEFORE USING THE OVEN.** For satisfactory use of your oven, become familiar with the various functions of the oven as described below.






## Setting Oven Controls




**Note:** The time of day must first be set in order to operate the oven.


### To Set the Clock


When the range is first plugged in, or when the power supply to the range has been interrupted, the display will flash "12:00".

1. Press .
2. Within 5 seconds, press and hold the  or  until the correct time of day appears in the display.

### To Set the Minute Timer:



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


**Note:** If you press the  first, the timer will advance to 11 hours and 59 minutes.

3. The display shows the timer count down in minutes until one minute remains. Then the display will count down in seconds.
4. When the set time has run out, the timer will sound a 3 second beep. 0:00 will appear in the display until  is pressed.

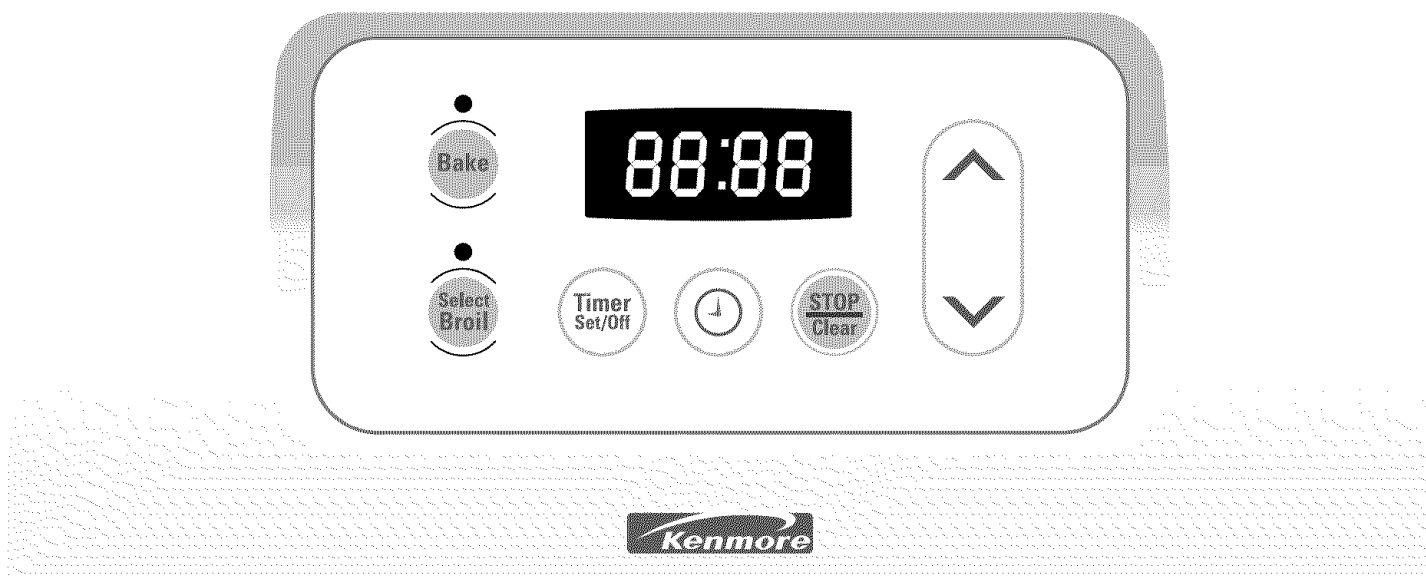
**Note:** While the minute timer is counting down, the ":" will flash. The minute timer does not start or stop cooking. It serves as an extra timer in the kitchen that will beep when the set time has run out. The minute timer can be used alone or during any of the other oven functions. When the minute timer is in use with any other function, the minute timer will be shown in the display. To view other functions, press the pad for that function.

### To Change the Minute Timer while it is in use:

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

**To Cancel the Minute Timer before the set time has run out:** Press .

# Setting Oven Controls



## To Set or Change the Temperature for Baking

The oven can be programmed to bake at any temperature from 170°F to 500°F.

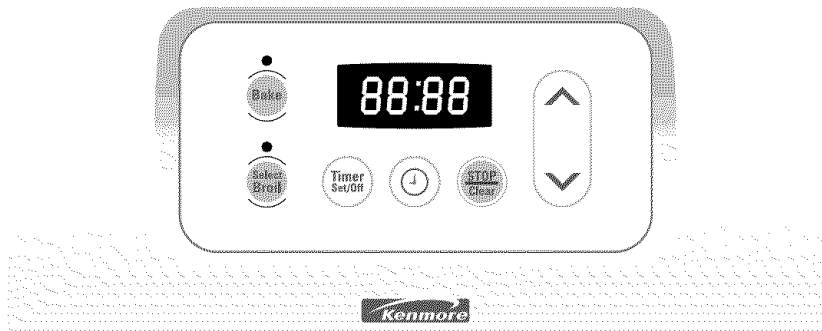
### To Set the Controls for Baking:

1. Press **Bake**. "— — —°" appears in the display.
2. Within 5 seconds, press the **^** or **v**. The display will show "350°F." By pressing and holding the **^** or **v**, the temperature can then be adjusted in 5°F increments.
3. When the **^** or **v** is released, the oven will begin heating to the selected temperature. When the displayed temperature reaches the desired baking temperature, the control will beep one (1) time.
4. To cancel the baking function, press **STOP Clear**.

### To Change the Oven Temperature after Baking has Started:

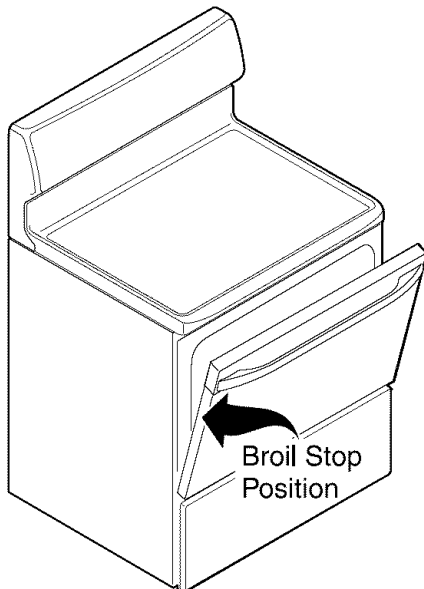
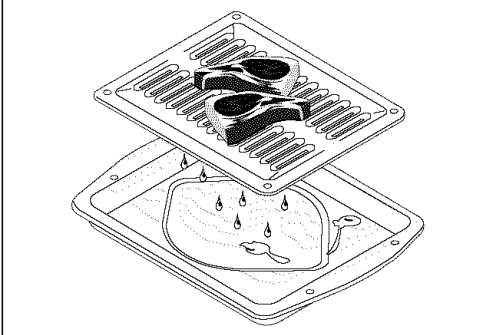
1. Press **Bake** and make sure the bake temperature is displayed.
2. Press the **^** or **v** to increase or decrease the set temperature.

# Setting Oven Controls



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

The broiler pan and the insert allows grease to drain and be kept away from the high heat of the broiler. **DO NOT** use the pan without the insert. **DO NOT** cover the insert with foil; the exposed grease could ignite.



## To Broil:

1. Arrange the oven rack while oven is still cool. Position the rack and adjust the Broil settings as suggested in the chart provided below:

<u>Food</u>	<u>Desired Doneness</u>	<u>Setting</u>	<u>Rack Position</u>
Steak	Rare	Hi	2nd
	Medium	Normal	2nd
Hamburger patties	Well	Hi	3rd
Pork chops	Well	Normal	3rd
Chicken	Well	Lo	3rd
Fish	Well	Lo	3rd

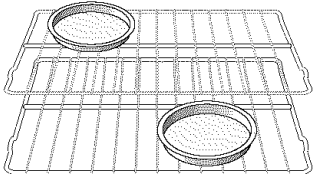
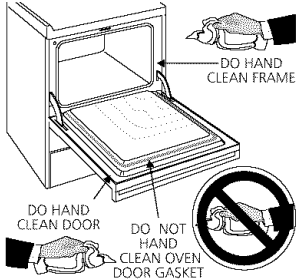
2. Press **Select Broil**. “ - - ” will appear in the display.
3. Press **^** or **v** once to Broil with a normal setting (**nor** will appear in the display).
4. To Broil with a high setting press **^** twice (**hi** will appear in the display). To Broil with a low setting press the **v** arrow twice (**lo** will appear in the display).
5. The oven is properly set for Broil when the indicator light over the **Select Broil** pad stops flashing and glows steady. Broil may be canceled at anytime by pressing **STOP Clear** at anytime.

Note: The Broil level setting may be changed anytime while broiling. To change the level press **Select Broil** and press **^** one time for each increment of higher levels or **v** for each desired lower level increment. Select the **lo** broil setting to avoid excess browning or drying of foods that should be broiled to the well-done stage.

6. Place the insert on the broil pan, then place the food on the insert. **DO NOT** use the broiler pan without the insert or cover the insert with aluminum foil. The exposed grease could ignite.
7. Place the pan on the oven rack. **Open the oven door to the broil stop position when broiling** (see illustration).
8. Broil on one side until food is browned; turn and cook on the 2nd side. **Note:** Always pull the oven rack out to the stop position before turning or removing food.
9. When broiling is finished, press **STOP Clear**.
10. When removing broiler pan from the oven always use pot holders.

# General Care & Cleaning

## Cleaning Table

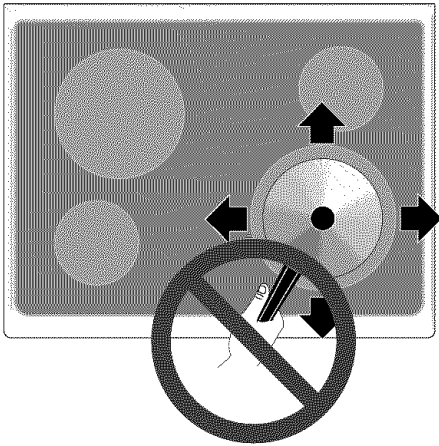
Surfaces	How to Clean
Aluminum (Trim Pieces) & Vinyl	Use hot, soapy water and a cloth. Dry with a clean cloth.
Painted and Plastic Control Knobs, Body Parts, and Decorative Trim	<p><i>For general cleaning</i>, use hot, soapy water and a cloth. <i>For more difficult soils and built-up grease</i>, apply a liquid detergent directly onto the soil. Leave on soil for 30 to 60 minutes. Rinse with a damp cloth and dry. <b>DO NOT</b> use abrasive cleaners on any of these materials; they can scratch. To remove control knobs, turn to the OFF position; grasp firmly and pull straight off the shaft. To replace knobs after cleaning, line up the flat sides of both the knob and the shaft; then push the knob into place.</p>
Stainless Steel, Chrome Control Panel, Decorative Trim	<p><i>Before cleaning the control panel</i>, turn all controls to OFF and remove the control knobs. To remove, pull each knob straight off the shaft. Clean using hot, soapy water and a dishcloth. Rinse with a clean water using a dishcloth. Be sure to squeeze excess water from the cloth before wiping the panel; especially when wiping around the controls. Excess water in or around the controls may cause damage to the appliance. To replace knobs after cleaning, line up the flat sides of both the knob and the shaft; then push the knob into place.</p> <p>Clean <b>stainless steel</b> with hot, soapy water and a dishcloth. Rinse with clean water and a cloth. <b>Do not use cleaners with high concentrations of chlorides or chlorines.</b> Do not use harsh scrubbing cleaners. Only use kitchen cleaners that are especially made for cleaning stainless steel. Always be sure to rinse the cleaners from the surface as bluish stains may occur during heating that cannot be removed.</p>
Porcelain Enamel Broiler Pan and Insert, Door Liner, Body Parts, Warmer Drawer (if equipped)	Gentle scouring with a soapy scouring pad will remove most spots. Rinse with a 1:1 solution of clear water and ammonia. <i>If necessary</i> , 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 scouring pad. Rinse and wipe dry with a clean cloth. Remove all cleaners or the porcelain may become damaged during future heating. <b>DO NOT</b> use spray oven cleaners on the cooktop.
Oven Racks 	Remove racks. See "Removing and Replacing Oven Racks" under <b>Before Setting Oven Controls</b> . Use a mild, abrasive cleaner, following manufacturer's instructions. Rinse with clean water and dry. After cleaning the racks, rub the sides of the racks with wax paper or a cloth containing a small amount of salad oil (this will make the racks glide easier into the rack positions).
Oven door 	<p>To clean oven door, wash with hot, soapy water and a clean cloth. <b>DO NOT</b> immerse the door in water.</p> <p><b>DO NOT</b> clean the oven door gasket. The oven door gasket is made of a woven material, on self cleaning models, which is essential for a good seal. Care should be taken not to rub, damage or remove the gasket.</p>
Ceramic Cooktop	See <b>Cooktop Cleaning &amp; Maintenance</b> in the <b>General Care &amp; Cleaning</b> section.

# General Care & Cleaning

## Cooktop Cleaning & 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 (P/N 22-40079) to the ceramic surface. Buff with a non-abrasive cloth or pad. 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. **Do not** use your cooktop as a cutting board or work surface in the kitchen. **Do not** cook foods directly on the cooktop surface without a pan. **Do not** drop heavy or hard objects on the glass cooktop, they may cause it to crack.

## Cleaning Recommendations for the Ceramic Glass Cooktop

**CAUTION** Before cleaning the cooktop, be sure the controls are turned to **OFF** and the cooktop is **COOL**.

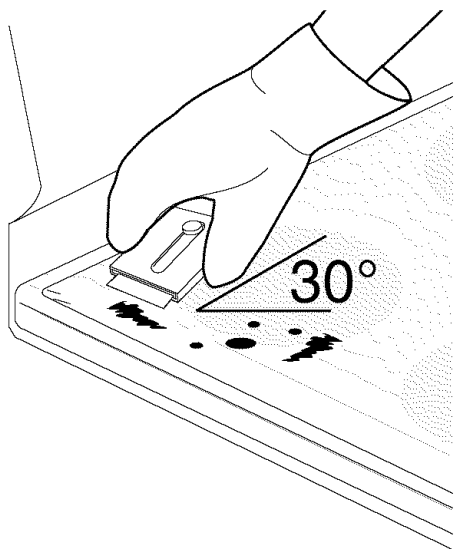
**WARNING** **DO NOT** use a cooktop cleaner on a hot cooktop. The fumes can be hazardous to your health, and can chemically damage the ceramic-glass surface.

### For light to moderate soil:

Apply a few drops of CookTop® Cleaning Creme directly to the cooktop. Use a paper towel or a 3M Scotch-Brite® Blue Multi-Purpose No Scratch Scrub 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 3M Scotch-Brite® Blue Multi-Purpose No Scratch Scrub Sponge, applying pressure as needed. Do not use the sponge 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.

**CAUTION** Damage to the ceramic glass cooktop may occur if you use any scrub pad other than a 3M Scotch-Brite® Blue Multi-Purpose No Scratch Scrub Sponge.

### Plastic or foods with a high sugar content:

These types of soils 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.

# General Care & Cleaning

## Cooktop Cleaning & Maintenance (continued)



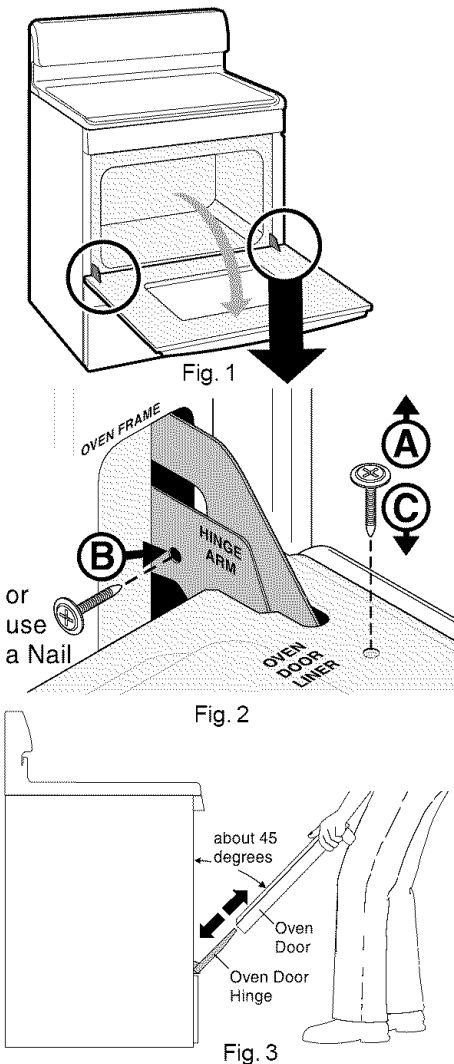
Do not use the following on the ceramic glass cooktop:

- 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.

## Care and Cleaning of Stainless Steel (some models)

Some models are equipped with stainless steel exterior parts. Special care and cleaning are **required** for maintaining the appearance of stainless parts. Please refer to the table provided at the beginning of the **Care & Cleaning** section in this Use & Care Manual.

## To Remove and Replace Oven Door



### Removing and Replacing the Oven Door

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

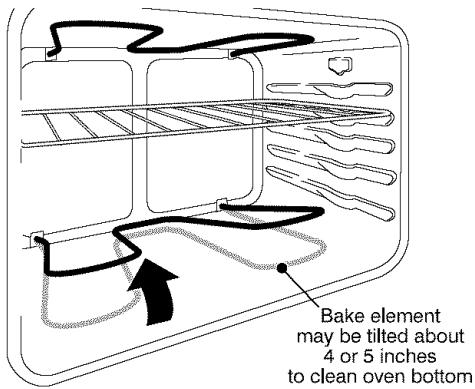
#### To Remove Oven Door:

1. Open oven door completely (horizontal with floor - See Fig. 1).
2. Remove 2 screws located on the inside of the oven door liner (See A Fig. 2)
3. Insert the 2 screws into the door hinge holes located on the side of the hinge arm, one into each hinge (See B Fig. 2).
4. Close oven door until the door stops, (Do not force the door to close any further). The placement of these screws should keep door open in about a 45 degree position.
5. Grasp oven door firmly on both sides and slide door up and off hinges at the same angle. (See Fig. 3)
6. To clean oven door, follow the instructions in the General Care & Cleaning table.

#### To Replace Oven Door:

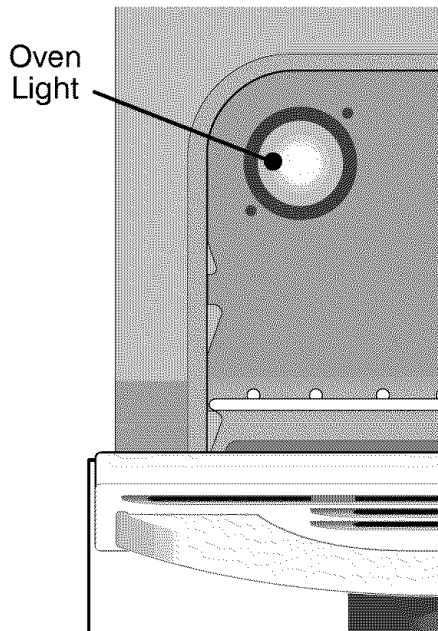
1. Be sure the hinge arms remain at the 45 degree angle position. Be sure the screws are still locking the hinge arms from moving. If the screws fall out of the hinge holes, the hinge(s) may snap back against the oven frame and could pinch fingers or chip the porcelain finish on the oven front frame.
2. Hold door at the sides near the top while resting the lower front of door on your knee. Insert the door channels at the bottom of door over the door hinges, (See Fig. 3).
3. Allow the door to slide down into the door hinges evenly at the same 45 degree angle. The hinge arms should be inserted into the bottom corners as far as they can go.
4. Open door completely (horizontal with floor) and remove both screws from holes in door hinges.
5. Reinstall the 2 screws into the door liner (See C Fig. 2).
6. If the door is not in alignment with the oven frame, remove door and repeat the above steps.

# General Care & Cleaning



## Cleaning Oven Bottom

The bake element is designed to be gently tilted up using your hand from the front of the bake element. This will allow easier access to the oven bottom for cleaning. Be careful not to raise the element more than 4 or 5 inches from the resting position. Cleaning Oven Bottom



## Changing the Oven Light (some models)

On some models, the oven light automatically turns on when the door is opened. Some models have a switch located on the control panel to turn on the light. The oven light is located at the rear of the oven.

### To replace the oven light:

1. Turn electrical power off at the main source or unplug the range.
2. Replace bulb with a new 40 watt appliance bulb.
3. Turn power back on again at the main source (or plug the range back in).
4. The clock will then need to be reset. To reset, see **Setting Oven Controls** in this Use & Care Manual.

**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.

# Before You Call

## Solutions to Common Problems

**Before you call for service**, review this list. It may save you time and expense. The list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

OCCURRENCE	POSSIBLE CAUSE/SOLUTION
Range is not level.	<p>Poor installation. Place oven rack in center of oven. Place a level on the oven rack. Adjust leveling legs at base of range until the oven rack is level.</p> <p>Be sure floor is level and is strong and stable enough to adequately support range.</p> <p>If floor is sagging or sloping, contact a carpenter to correct the situation.</p> <p>Kitchen cabinet alignment may make range appear unlevel. Be sure cabinets are square and have sufficient room for range clearance.</p>
Cannot move appliance easily. Appliance must be accessible for service.	<p>Cabinets not square or are built in too tightly. Contact builder or installer to make appliance accessible.</p> <p>Carpet interferes with range. Provide sufficient space so range can be lifted over carpet.</p>
Oven control beeps continuously with no indicator lights flashing (If model is equipped with a display F1 or F3 will show in the display).	<p>This oven is equipped with a state of the art electronic oven control. Among its many features is a full time oven circuit diagnostics system. The control constantly monitors its internal circuitry as well as several crucial oven circuits to insure they are all operating correctly. If at any time one of these systems fails, the control will immediately stop operation, and beep continuously (flashing an error code of F1 or F3 in the display window). Electronic control has detected a fault condition. Press <b>STOP/CLEAR</b> to clear the display and stop the beeping. Reprogram oven. If fault recurs, record fault number, press <b>STOP/CLEAR</b> and call Sears at <b>1-800-4-MY-HOME®</b> (see back cover).</p>
Surface element too hot or not hot enough.	<p>Incorrect control setting. Make sure the correct control is on for the surface unit to be used.</p>
Surface element does not heat.	<p>Lightweight or warped pans used. Use only flat, evenly balanced, medium or heavyweight 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.</p> <p>No power to the appliance. Check steps under "Entire Appliance Does Not Operate" in this <b>Before You Call</b> checklist.</p> <p>Incorrect control setting. Make sure the correct control is on for the surface unit to be used.</p>
Entire appliance does not operate.	<p>Make sure cord/plug is plugged tightly into outlet.</p> <p>Service wiring is not complete. Be sure to call Sears at <b>1-800-4-MY-HOME®</b> (See back cover).</p> <p>Power outage. Check house lights to be sure. Call your local electric company for service.</p>
Oven light does not work.	<p>Replace or tighten bulb. See "Changing Oven Light" in the <b>General Care &amp; Cleaning</b> section of this Use &amp; Care Guide for instructions.</p>



# Before You Call

Solutions to Common Problems

## OCCURRENCE

## POSSIBLE CAUSE/SOLUTION

<b>Oven smokes excessively during broiling.</b>	Control not set properly. Follow instructions under <b>Setting Oven Controls</b> .
	Make sure oven door is opened to <b>broil stop position</b> .
	Meat too close to the element. Reposition the rack to provide proper clearance between the meat and the element. Preheat broil element for searing.
	Meat not properly prepared. Remove excess fat from meat. Cut remaining fatty edges to prevent curling, but do not cut into lean.
	Insert on broiler pan wrong side up and grease not draining. Always place grid on the broiler pan with ribs up and slots down to allow grease to drip into pan.
	Grease has built up on oven surfaces. Regular cleaning is necessary when broiling frequently. Old grease or food spatters cause excessive smoking.
<b>Poor baking results.</b>	Many factors affect baking results. Make sure the proper 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 baking time. Try increasing or decreasing your baking temperature manually and check the condition of your bakeware.
<b>Flames inside oven or smoking from vent.</b>	Excessive spillovers in oven. This is normal, especially for high oven temperatures, pie spillovers or large amounts of grease on bottom of oven. Wipe up excessive spillovers.  For oven fire, see "Setting Surface & Oven Controls" in this Use & Care Guide.
<b>Scratches or abrasions on cooktop surface (Ceramic-Glass cooktop models).</b>	Coarse particles such as salt or sand 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.  Cleaning materials not recommended for ceramic-glass cooktop have been used. See "Cooktop Cleaning and Maintenance" in the <b>General Care &amp; Cleaning</b> section.  Cookware with rough bottom has been used. Use smooth, flat-bottomed cookware.
<b>Metal marks (Ceramic-Glass cooktop models).</b>	Sliding or scraping of metal utensils on cooktop surface. Do not slide metal utensils on cooktop surface. Use a ceramic-glass cooktop cleaning creme to remove the marks. See "Cooktop Cleaning and Maintenance" in the <b>General Care &amp; Cleaning</b> section.
<b>Brown streaks or specks (Ceramic-Glass cooktop models).</b>	Boilovers are cooked onto surface. See "Cooktop Cleaning & Maintenance" in the <b>General Care &amp; Cleaning</b> section in this Use & Care Guide for more detailed information.
<b>Areas of discoloration with metallic sheen (Ceramic-Glass cooktop models).</b>	Mineral deposits from water and food. Remove using a ceramic-glass cooktop cleaning creme. Use cookware with clean, dry bottoms.

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The Sears logo is centered at the bottom of the page. It features the word "Sears" in a bold, serif font. The letter "S" is significantly larger and more stylized than the other letters. A horizontal line is positioned below the "S", and a curved line arches under the "ears" portion of the logo.