



Electric Range

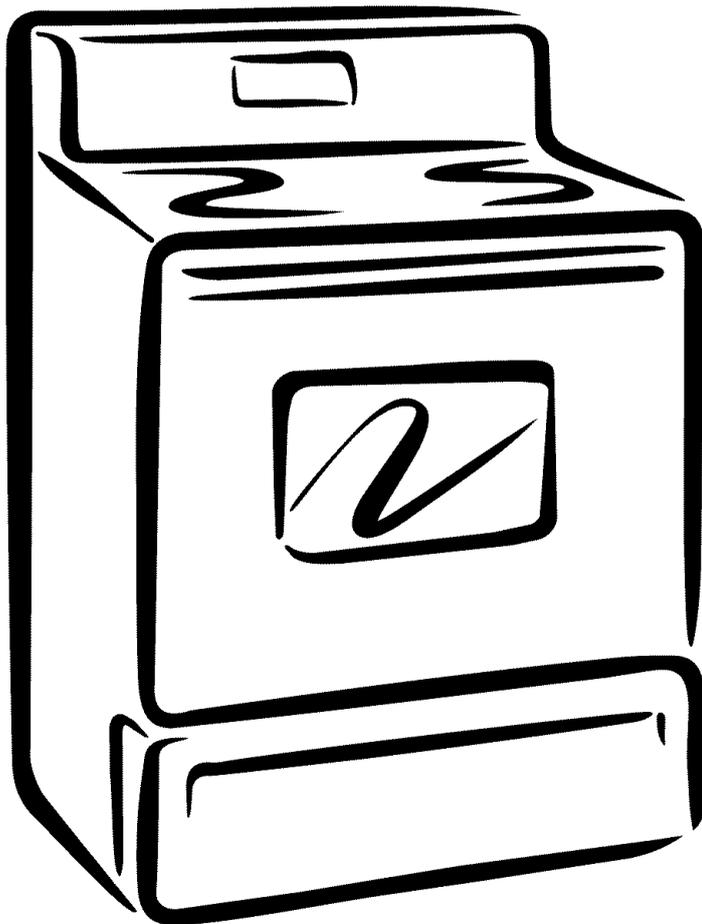
Use & Care Guide

Estufa eléctrica

Guía para el Uso y Cuidado

Models, Modelos **790.9621***, 9622*, 9623*, 9631*, 9632*, 9633*,
9634*, 9641*, 9642*, 9643*

* = 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.

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.

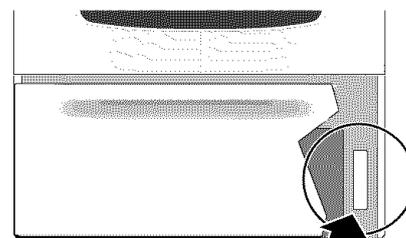
Sears, Roebuck and Co., Dept. 817WA, Hoffman Estates, IL 60179

Serial Plate Location

You will find the model and serial number printed on the serial plate. The serial plate is located on the right side of the oven front frame in the storage or warmer drawer compartment.

Please see the illustration for exact location.

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



Serial plate location; Open the Warmer Drawer (some models) or storage drawer (some models).

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.

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

⚠ 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.**

SELF CLEANING OVENS

- **Clean in the self-cleaning cycle only the parts listed in this Use & Care Manual.** Before self cleaning the oven, remove the broiler pan and any utensils or foods from the oven.
- **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 oven.
- **Do Not Clean Door Gasket**—The door gasket is essential for a good seal. Care should be taken not to rub, damage or move the gasket.
- The health of some birds is extremely sensitive to the fumes given off during the self-cleaning cycle of any range. Move birds to another well-ventilated room.

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.

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 (some models).** 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.

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.

PROTECTION AGREEMENTS

In the U.S.A.

Master Protection Agreements

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

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 product. 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 four or more 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** – phone support from a Sears technician on products requiring in-home repair, 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 professional installation of home appliances, garage door openers, water heaters, and other major home items, 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 more than a million parts and accessories, we have the tools, parts, knowledge and skills to ensure our pledge: We Service What We Sell.

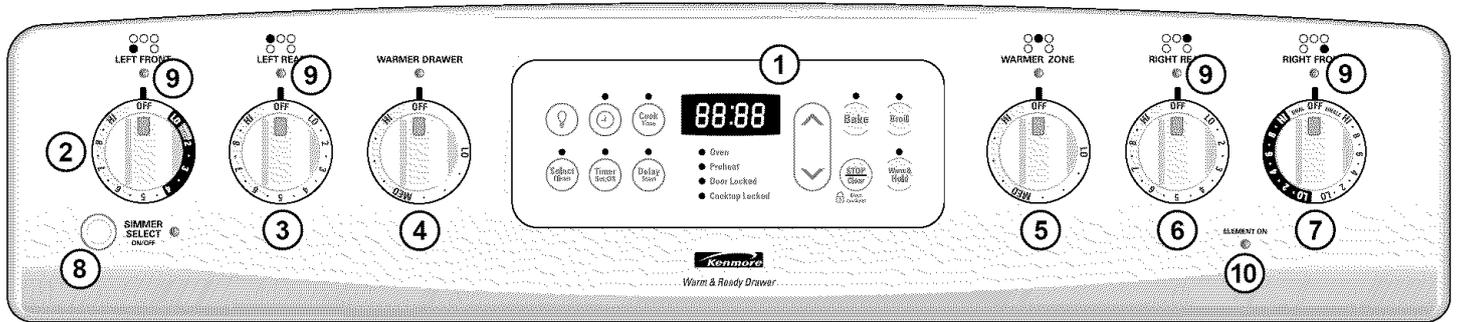
Your Kenmore® product is designed, manufactured and tested to provide years of dependable operation. But like all products, it may require service from time to time. The Sears Maintenance Agreement offers you an outstanding service program, affordably priced.

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 phone support from a Sears technician on products requiring in-home repair
- Even if you don't need repairs, provides an annual Preventive Maintenance Check, at your request, to ensure that your product is in proper running condition.

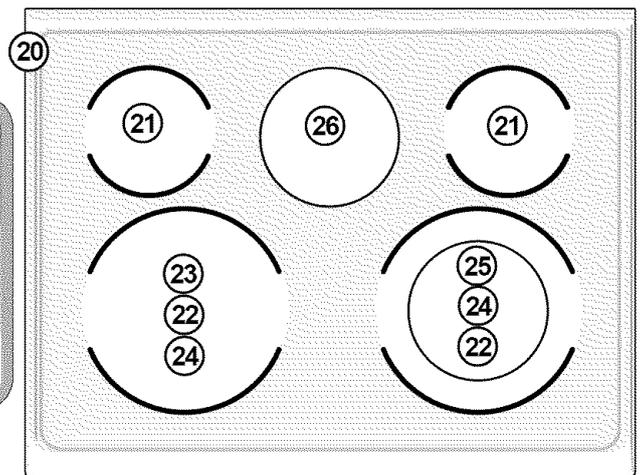
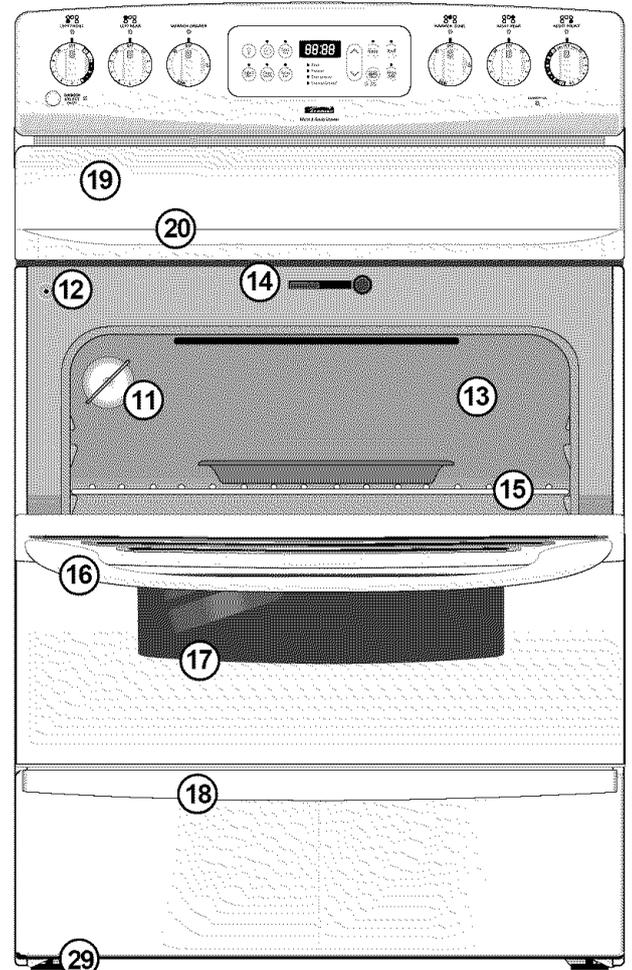
Some limitations apply. For more information about Sears Canada Maintenance Agreements, call 1-800-361-6665

Range Features

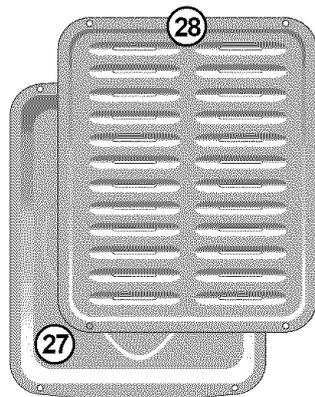


Your Electric Range Features Include:

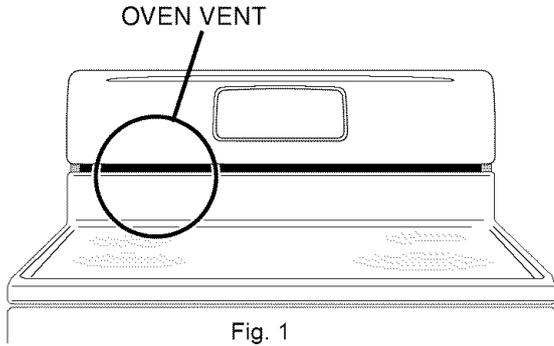
1. Electronic Oven Control with Kitchen Timer.
2. Simmer Select Element Control (some models) or Single Radiant Element Control (some models) or Single Radiant Power Boil Control (some models).
3. Single Radiant Element Control.
4. Warm & Ready Drawer Control & Indicator Light (some models).
5. Warm & Ready Zone & Surface Indicator Light (some models).
6. Single Radiant Element Control.
7. Single Radiant Element Control (some models) or Dual Element Radiant Control (some models).
8. Simmer Select Push Button & Indicator Light (some models).
9. HOT SURFACE Indicator Lights.
10. "ELEMENT ON" Indicator Light.
11. Oven Interior Light with removable Cover.
12. Automatic Oven Door Light Switch (some models).
13. Self-Cleaning Oven interior.
14. Self-Clean Door Latch.
15. Adjustable Oven Rack(s).
16. Large 1 piece Oven Door Handle.
17. Full width Oven Door with Window.
18. Warm & Ready Drawer (some models) or Storage Drawer with Drawer Handle.
19. Easy to clean upswept Cooktop.
20. Ceramic Smoothtop.
21. 6" Single Radiant Element(s).
22. 9" Single Radiant Element (some models).
23. 9" Single Radiant "Power Element" (some models).
24. 6-9" Dual Radiant Element (some models).
25. 9-12" Dual Radiant Element (some models).
26. Warm & Ready Zone Radiant Element (some models).
27. Broil Pan.
28. Broil Pan Insert.
29. Leveling Legs and Anti-tip Bracket (included).



NOTE: The features of your range may vary according to model type & color.



Before Setting Oven Controls

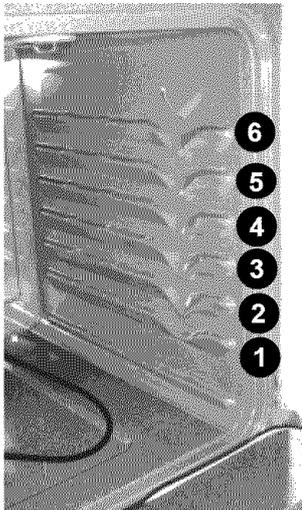


Oven Vent Location

The oven vent is located **under the left side of the control panel** (See Fig. 1). When the oven is on, warm air passes through the vent. This venting is necessary for proper air circulation in the oven and good baking results. **DO NOT BLOCK OVEN VENT.**

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.



Oven with visible Bake Element - Fig. 2

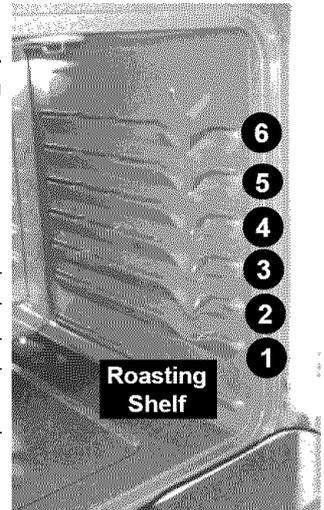
Arranging Oven Racks

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

For models with a visible Bake Element (Refer to Fig. 2)
 For models with a hidden Bake Element* (Refer to Fig. 3)

Recommended Rack Positions for Broiling, Baking & Roasting:

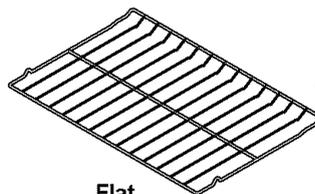
Food	Rack Position	Rack Position*
Broiling hamburgers & steaks	See Broil section	See Broil section
Broiling meats, chicken or fish	4, 5 or 6	4, 5, or 6
Cookies, cakes, pies, biscuits & Muffins	3 or 4	3 or 4
Frozen pies, angel food cake, yeast, bread, casseroles, small cuts of meat or poultry	1 or 2	1
Turkey, roast or ham	1	Roasting Shelf



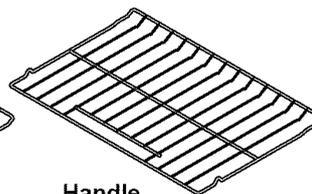
Oven with hidden Bake Element - Fig. 3*

Types of Oven Racks

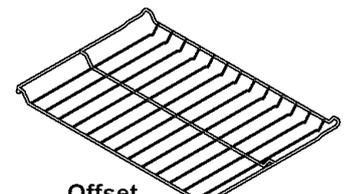
Your range may be equipped with one or more of the oven rack types shown; **Flat Rack**, **Handle Rack** and **Offset Rack**. To maximize cooking space the Offset rack can be used in the lowest rack position to roast large cuts of meat and poultry.



Flat Oven Rack



Handle Oven Rack



Offset Oven Rack

Baking Layer Cakes with 1 or 2 Oven Racks

For best results when baking cakes using 2 oven racks, place cookware on rack positions 2 & 5 as shown (for models with a visible bake element). For models with a hidden bake element place oven racks in positions 3 (Flat rack) & 6 with the Offset rack if equipped (Refer to Fig. 4).

For best results when using a single oven rack, place cookware on rack positions 3 or 4 (for all models - Refer to Fig. 5).

Air Circulation in the Oven

For best air circulation and 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. The hot air must be able to circulate around the pans and cookware in the oven for even heat to reach around the food.

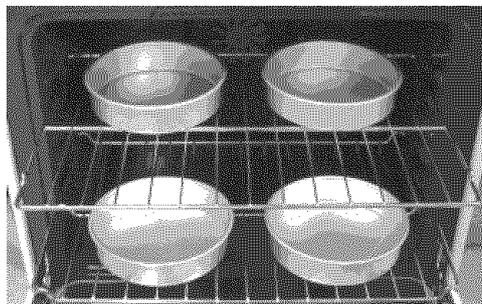


Fig. 4

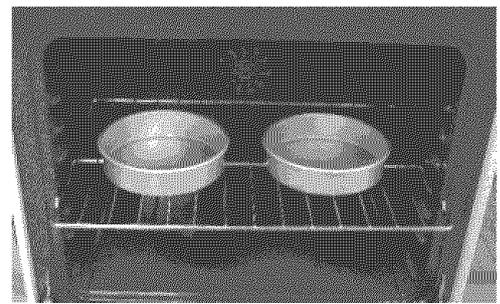


Fig. 5

Before Setting Oven Controls (cont'd)

About the Ceramic Glass Cooktop

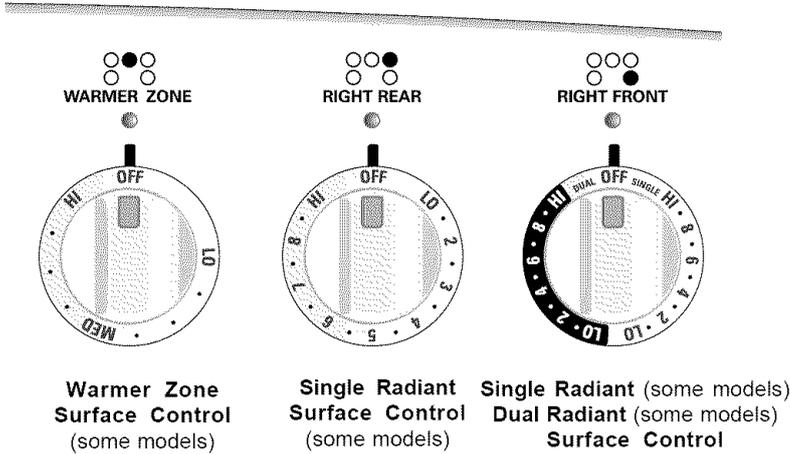
The ceramic cooktop has radiant surface elements located below the surface of the glass. The design of the ceramic cooktop outlines the area of the surface element underneath. **Be sure** to match the pan size with the diameter of the element outline on the cooktop. Heat is transferred up through the 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.

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 Guide.

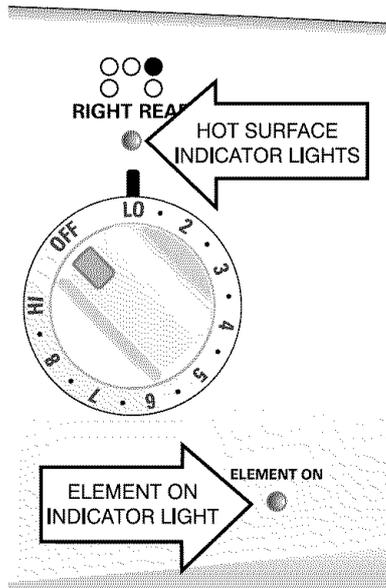
NOTE: Radiant elements have a limiter that allows the element to cycle ON and OFF, even at the HI setting. This helps to prevent damage to the ceramic smooth top. Cycling at the HI setting is normal and will occur more often if the cookware is too small for the radiant element or if the cookware bottom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

ELEMENT ON and Hot Surface Indicator Lights

Your range is equipped with two different types of radiant surface control indicator lights that will glow on your range—the **ELEMENT ON** indicator light and the **Hot Surface** indicator lights (See illustration at left).

The **ELEMENT ON** located on the control panel and will glow when a surface element is turned ON. A quick glance at this indicator light after cooking is an easy check to be sure ALL surface controls are turned OFF.

The **Hot Surface** indicator lights **located above each surface radiant control knob** 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 (all models)

To Operate a Single Radiant Element:

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 (See Fig. 1). 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 complete, 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 this indicator light 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.

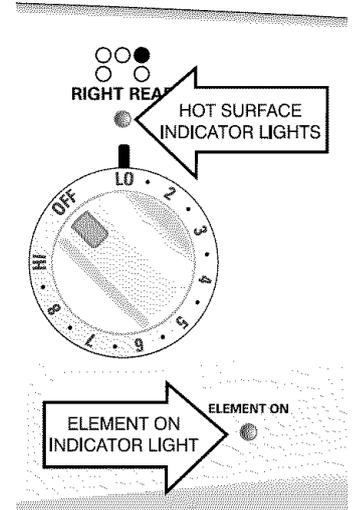


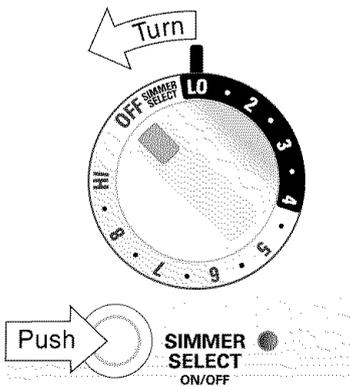
Fig. 1

To Operate Simmer Select Surface Element (some models)

The left front element control may be used as a normal element or as a simmer element. The "Simmer Select" feature heats the element at a much lower temperature than when used as a normal surface element. You may switch between normal cooking and the Simmer Select feature at any time during the cooking process. When using the element control for normal cooking all of the settings on the control knob (LO to HI) function as normal.

To Start Simmer Select:

1. Place correctly sized cookware on the radiant surface element.
2. Push in the Simmer button located below the left front control knob. The Simmer Select indicator light will glow and remain ON while simmering (See Fig. 2).
3. Turn the surface control knob to the desired simmer setting within the dark band on the control knob (LO to 4). Use the marks as a guide and adjust the control knob from LO to 4 as needed (see illustration below).
4. To return to normal cooking, push in and release the "Simmer Select" button and the indicator light will turn OFF. When cooking is complete, be sure to set the control knob to the OFF position.



Simmer Select Surface Control shown in LO setting

Fig. 2

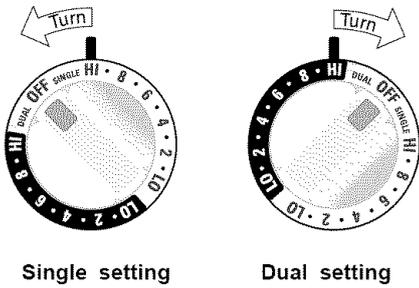
The suggested settings found in the table below are based on cooking in medium-weight aluminum pans with lids. Settings may vary when using other types of pans.

STANDARD SETTING FOR SURFACE ELEMENTS	
Setting	Type of Cooking
HIGH (HI - 9)	Start most foods, bring water to a boil, pan broiling
MEDIUM HIGH (7 - 8)	Continue a rapid boil, fry, deep fat fry
MEDIUM (5 - 6)	Maintain a slow boil, thicken sauces and gravies, steam vegetables
MEDIUM LOW (2 - 4)	Keep foods cooking, poach, stew
LOW (LO - 1)	Keep warm, melt, simmer
SIMMER SELECT SURFACE ELEMENT	
Max. Simmer (4)	Larger quantities of food, stews and soups
Min. Simmer (LO)	Smaller quantities of food, delicate foods, melting chocolate or butter

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.

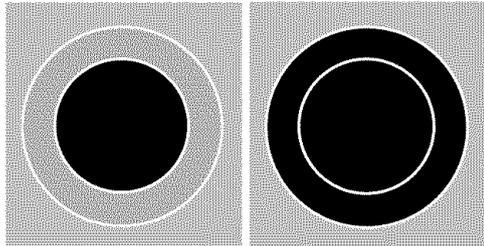
Setting Surface Controls (cont'd)



To Operate Dual Radiant Surface Element (some models)

The right front control knob offers flexibility for different sized cookware with the Dual Radiant surface element. The inner element alone can be used for smaller or both the inner and outer in combination for larger cookware.

To operate the Dual Radiant surface element push in the control knob and turn counterclockwise to operate the small inner coil or turn clockwise to operate both the inner and outer portions of the element together (See Fig 1).



Dual Radiant heating areas on ceramic smooth top (shown in black)

Fig. 1

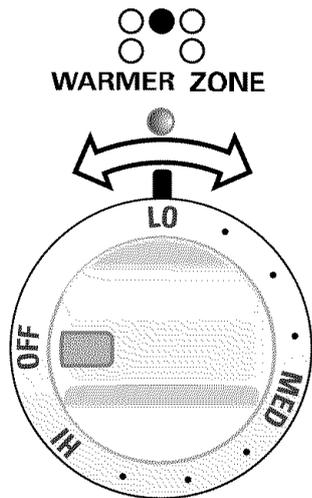


Fig. 2

SINGLE AND DUAL RADIANT SURFACE ELEMENTS

Setting	Type of Cooking
HIGH (HI - 9)	Start most foods, bring water to a boil, pan broiling
MEDIUMHIGH (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

Note: The size and type of utensil used, and the amount and type of food being cooked will influence the setting needed for best cooking results.

Setting the Warmer (Warm & Ready™) Zone (some models)

The purpose of the Warmer Zone is to *keep hot cooked foods at serving temperature*. Always start with hot food. It is not recommended to heat cold food on the Warmer Zone.

All food placed on the Warmer Zone should be covered with a lid or aluminum foil to maintain quality. For best results, when warming pastries or breads, the cover should have an opening to allow moisture to escape. **Do not use plastic wrap to cover food. Plastic may melt onto the surface and be very difficult to clean.**

Use only dishware, utensils and cookware recommended for oven and cooktop use on the Warmer Zone.

CAUTION Unlike the surface elements, the Warmer Zone will not glow red when it is hot.

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

Warmer Zone Recommended Food Settings Table	
Food Item	Heating Level
Breads/Pastries	LO
Casseroles	LO
Dinner Plates with Food	LO
Eggs	LO
Gravies	LO
Meats	MED
Sauces	MED
Soups (cream)	MED
Stews	MED
Vegetables	MED
Fried Foods	HI
Hot Beverages	HI
Soups (liquid)	HI

Setting the Warmer (Warm & Ready™) Zone Control

- To set the control, push in either direction and turn the knob (See Fig 2). The temperatures are approximate, and are designated by HI, MED and LO. However, the control can be set at any position between HI and LO for different levels of heating.
- When ready to serve, turn the control to OFF. The Warmer Zone will remain warm until the **indicator light** goes OFF.

Temperature Selection - Refer to the chart at the side column for recommended heating levels. If a particular food is not listed, start with the medium level, and adjust as needed. Most foods can be kept at serving temperatures by using the medium level.

Note: Use the Warmer Zone to keep cooked foods hot such as; vegetables, gravies, casseroles, soups, stews, breads, pastries and oven-safe dinner plates.

Surface Cooking

To Set the Cooktop Lockout Feature (some models) Cooktop Lockout

The  pad is used to activate the Cooktop Lockout feature which will lock all surface elements from being accidentally turned ON. This feature will only lock the cooktop.

To turn the Cooktop Lockout Feature ON:

1. BE SURE ALL surface element controls are set to the OFF position.
2. Press and hold  until one beep is heard (after 3 seconds). If a triple beep sounds instead, check all surface elements and turn them to the OFF position and repeat this step. The Cooktop Locked indicator light will turn ON and the cooktop controls and functions are locked out until the cooktop is unlocked.

To turn the Cooktop Lockout Feature OFF:

1. BE SURE ALL surface element controls are set to the OFF position.
2. Press and hold  until one beep is heard (after 3 seconds). If a triple beep sounds instead, check all surface elements and turn them to the OFF position and repeat this step. The Cooktop Locked indicator light will turn OFF and the cooktop may be used normally. **Note:** Starting a Self-Clean cycle will also turn ON the Cooktop Lockout feature. The cooktop will remain locked until the Self-Clean cycle has completed and the oven door has unlocked. If a power failure occurs after the Cooktop Lockout has been activated, you must turn OFF the Cooktop Lockout feature before being able to use the cooktop features again.

Using proper cookware

The size and type of cookware used will influence the setting needed for best cooking results. Cookware should have flat bottoms that make good contact with the entire surface heating element (See Fig. 2). Check for flatness by rotating a ruler across the bottom of the cookware (See Fig. 3).

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 & pitting). If aluminum pans slide across the ceramic cooktop, they may leave metal marks which will resemble scratches. Remove these marks immediately.

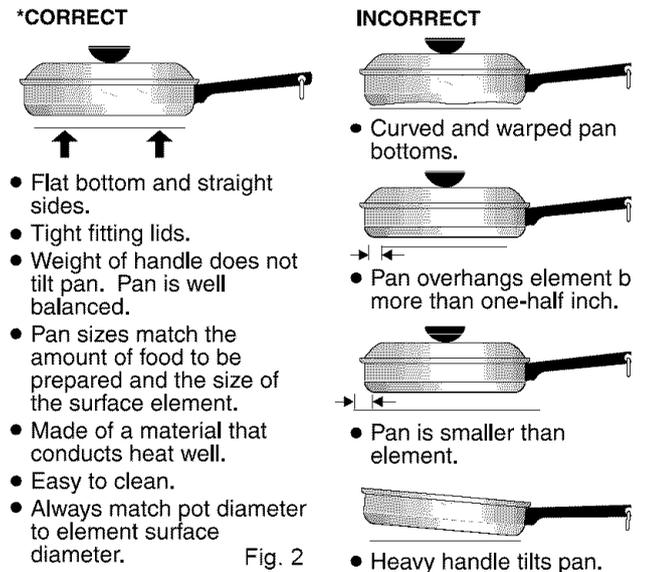
COPPER - Excellent heat conductor but discolors easily. May leave metal marks on ceramic glass (see Aluminum above).

STAINLESS STEEL - Slow heat conductor with uneven cooking results. Is durable, easy to clean and resists staining.

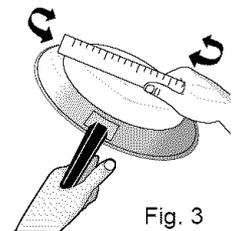
CAST IRON - A poor heat conductor however will retain heat very well. Cooks evenly once cooking temperature is reached. Not recommended for use on ceramic cooktops.

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.



Be sure to follow the recommendations for using proper cookware as illustrated in Figs. 2 & 3. For more information about the ceramic cooktop see "Cooktop Cleaning & Maintenance" in the **General Care & Cleaning** section.



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 & 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.

Surface Cooking (cont'd)

Using Power Element (some models)

The "Power Element" feature uses a higher wattage surface radiant element which can bring food items to boil much quicker. The left front radiant element will be clearly marked if this feature is available on your range (See Fig. 1). If equipped with the "Power Element" feature, place the cookware to boil on the left front surface element and follow the instructions "To Operate a Single Radiant Element" in the **Settings Surface Controls** section.

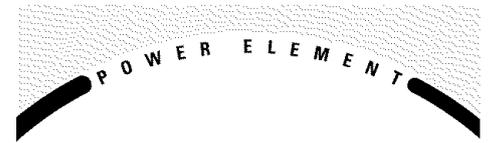
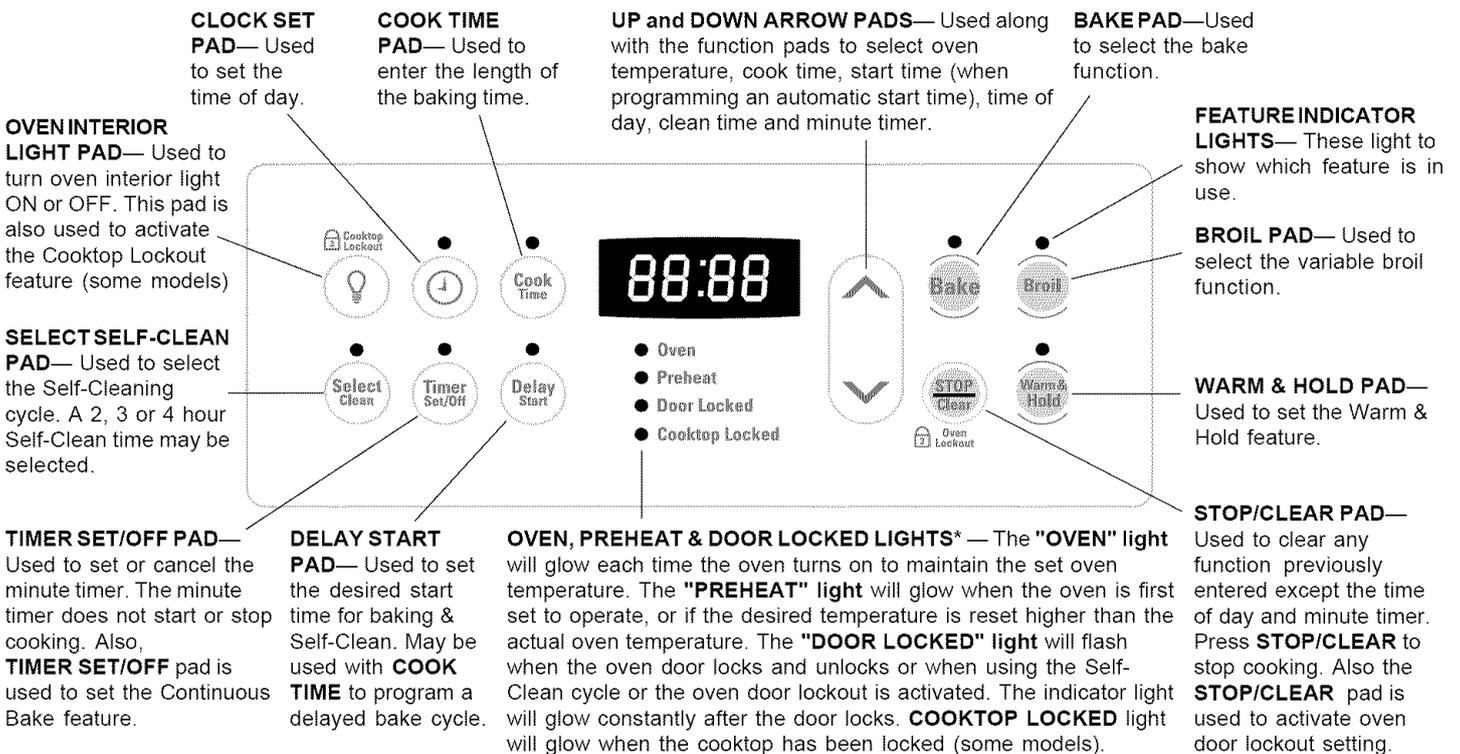


Fig. 1

Oven Control Functions

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



*Note: The **OVEN** indicator light on the electronic display will turn ON and OFF when using the Bake feature and during preheat. This is normal and indicates that the oven is cycling to maintain the selected baking temperature. When the preheat indicator light turns OFF, your oven is ready.

For a silent control panel

When choosing a function, a beep will be heard each time a pad is pressed. If desired, the control can be programmed for silent operation. Press and hold . After 7 seconds, the control will beep once. This will block the controls from sounding when a pad is pressed. To return the sound, press and hold  again for 7 seconds until the control beeps once.

Temperature conversion

The electronic oven control is set to operate in °F (Fahrenheit) when shipped from the factory. The oven can be programmed for any temperature from 170°F to 550°F (77°C to 287°C).

To change the temperature to °C (Celsius) or from °C to °F (control should not be in a Bake or Clean mode):

1. Press . "—" appears in the display.
2. Press and hold the  until "HI" appears in the display.
3. Press and hold  until °F or °C appears in the display.
4. Press the  or  to change °F to °C or °C to °F.
5. Press any control pad to return to normal operating mode.

Setting Oven Controls

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  once (do not hold pad down).
2. Within 5 seconds, press and hold the  or  until the correct time of day appears in the display.

Note: The clock cannot be changed during any timed bake or Self-Clean cycle.

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 & 59 minutes.
Note: If the  pad is pressed first, the timer will advance to 11 hours & 59 minutes.
3. The display shows the timer countdown in minutes until 1 minute remains. Then the display will countdown in seconds.
4. When the set time has run out, the timer will beep 3 times and will continue to beep 3 times every 60 seconds until  is pressed.

Note: The indicator light located above the  pad will glow while the minute timer is active.

Note: 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 .

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

Note: To turn the **time of day** display **OFF** or **ON** in the display press  and hold for 15 seconds (the control will beep once) and then release. This feature does not remove the set time of day from the memory of the control. When the display is turned OFF the time of day will re-appear for a few seconds any time the  pad is touched.

To Set or Change the Temperature for Baking

The oven can be programmed to bake at any temperature from 170°F to 550°F (77°C to 287°C).

To Set the Controls for Baking:

1. Press . "— — —" appears in the display.
2. Within 5 seconds, press the  or . The display will show "350°F (177°C)." By pressing and holding the  or , the temperature can then be adjusted in 5°F increments (1°C if the control is set to display Celsius).
3. As soon as the  or  pad is released, the oven will begin heating to the selected temperature. When the displayed temperature reaches the desired baking temperature, the preheat indicator light will turn OFF and the control will beep 3 times.
4. To cancel baking, press .

To Change the Oven Temperature after Baking has Started:

1. Press  and make sure the bake temperature is displayed.
2. Press the  or  pad to increase or decrease the set temperature.

To Set Control for Continuous Bake or 12 Hour Energy Saving

The oven control has a built-in 12 Hour Energy Saving feature that will shut off the oven if the control is left on for more than 11 hours and 59 minutes. The oven can be programmed to override this feature for continuous baking.

To set control for continuous baking:

1. Press and hold  down for 5 seconds until tone is heard, "— — hr" will appear in display for continuous cooking. The current time of day will return to the display.
2. To cancel the Continuous Bake function, press  and hold for 5 seconds until tone is heard. "12hr" will appear in display indicating that the control has returned to the 12 Hour Energy Saving feature.

Setting Oven Controls (cont'd)

To Set Control for Oven Lockout

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

To set Control for Oven Lockout feature:

1. Press  and hold for 3 seconds. "Loc" will appear in display, the "Door Locked" indicator light will flash and the motor driven door lock will begin to close automatically. **DO NOT open the oven door** while the indicator light is flashing. Allow about 15 seconds for the oven door to lock. Once the oven door is locked, the current time of day will appear in the display.
2. To cancel the Oven Lockout feature, press  and hold for 3 seconds. The control will unlock the oven door and resume normal operation.

Note: If any control pad is pressed while in the Oven Lockout mode, "Loc" will appear in the display until the control pad is released.

To Set the Timed Bake & Delay Start Features

The  **COOK TIME** and  **DELAY START** pads operate the features that will turn the oven ON and OFF at the times you select in advance. The oven can be programmed to start immediately and shut off automatically (Timed Bake) or to begin baking at a later time with a delayed start time (Delay Start).

To Program the Oven to Begin Baking Immediately and To Shut Off Automatically (Timed Bake):

1. Be sure that the clock shows the correct time of day.
2. Place the food in the oven.
3. Press . " — — — ° " appears in the display.
4. Within 5 seconds, press the  or . The display will show "350°F (177°C)." By holding the  or , the temperature can then be adjusted in 5°F increments (1°C if the control is set to display Celsius).
5. Press . "0:00" will flash in the display (HR:MIN).
6. Press the  or  until the desired baking time appears in the display.
7. The oven will turn ON and begin heating.

To Program Oven for a Delayed Start Time and to Shut-Off Automatically (Delayed Start Bake):

1. Be sure that the clock shows the correct time of day.
2. Place the food in the oven.
3. Press . " — — — ° " appears in the display.

4. Within 5 seconds, press the  or . The display will show "350°F (177°C)." By holding the  or , the temperature can then be adjusted in 5°F increments (1°C if the control is set to display Celsius).
5. Press . "0:00" will flash in the display (HR:MIN).
6. Press the  or  until the desired baking time appears.
7. Press . The earliest possible start time will appear in the display.
8. Press the  or  until the desired start time appears in the display.
9. Once the controls are set, the control calculates the time when baking will stop in order to start at the time you have set.
10. The oven will turn ON at the delayed start time and begin heating.

When the Set Bake Time Runs Out:

- a. "END" will appear in the display window and the oven will shut-off automatically.
- b. The control will beep 3 times every 60 seconds until  is pressed.

To Change the Oven Temperature or Bake Time after Baking has Started:

1. Press the function pad you want to change.
2. Press the  or  to adjust the setting.

NOTE: During Timed Bake the preheat indicator light will not function.

CAUTION Use caution with the Timed Bake and Delayed Start features. 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 cooking is completed.

To Operate the Oven Light

The interior oven light will automatically turn ON when the oven door is opened. Press  to turn the interior oven light ON and OFF whenever the oven door is closed.

The interior oven light is located at the upper left rear wall of the oven interior and is covered with a glass shield held by a wire holder. The glass shield must be in place whenever the oven is in use. To change the interior oven light, see "Changing the Oven Light" in the **General Care & Cleaning** section.

Setting Oven Controls (cont'd)

To Set for Broiling:

1. Arrange the oven rack while oven is still cool. Position the rack as suggested in the **Broil Rack Position Table** below.
2. Press . " — — " will appear in display.
3. Press and hold the  or  until the desired broil setting level appears in the display. Press the  for **HI** broil or the  for **LO** broil. Most foods may be broiled at the **HI** broil setting. Select the **LO** broil setting to avoid excess browning or drying of foods that should be cooked to the well-done stage.
4. **For optimum browning, preheat broil element for 3 - 4 minutes before adding food.**
5. Place the insert on the broil pan, then place the food on the insert (See Fig. 1). **DO NOT** use the broil pan without the insert or cover the insert with **aluminum foil**. The exposed fat could ignite.
6. Place the pan on the oven rack. **Open the oven door to the broil stop position when broiling** (See Fig 2).
7. Broil on one side until food is browned. Turn and broil food on 2nd side. **Note:** Always pull the oven rack out to the stop position before turning or removing the food.
8. When broiling is finished, press .

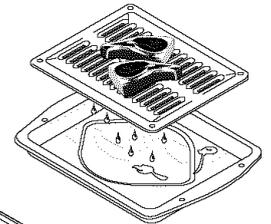


Fig. 1

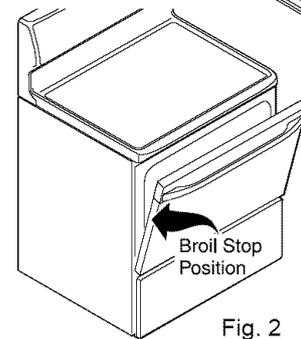


Fig. 2

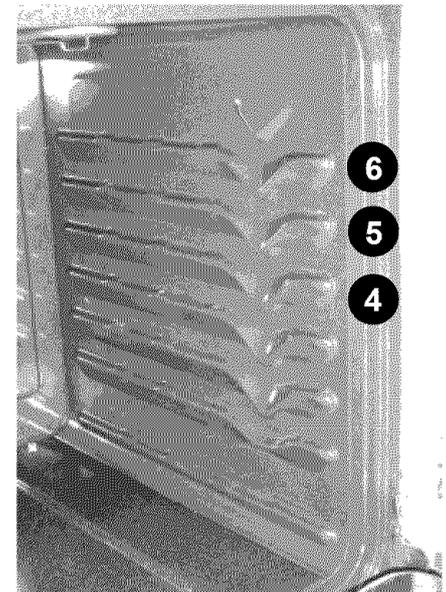


Fig. 3

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

Broil Rack Position Table (Refer to Fig. 3)

Position	Food category
6	Medium-rare steaks and medium-well hamburgers
5	Fish, medium steaks and pork chops
4	Well-done foods such as chicken and lobster

NOTE: The broiler pan and the insert (some models) 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.

Setting the Warm & Hold™ Feature

The  pad turns ON the Serve Warm & Hold feature and will maintain an oven temperature of 170° F. The **Warm & Hold** feature will keep oven baked foods warm for serving up to 3 hours after cooking has finished. After 3 hours the Warm & Hold feature will shut the oven OFF automatically. The Warm & Hold feature may be used without any other cooking operations or can be used after cooking has finished using **TIMED BAKE** or **DELAY START BAKE**.

To set Warm & Hold:

1. Arrange interior oven racks and place baked food in oven. If the food is already in the oven go to step 2.
2. Press . " — — " will appear in the display and the Warm & Hold indicator light above the pad will turn ON. Note: If no further pads are touched within 6 seconds the request to turn ON Warm & Hold will be cleared.
3. Press  or  to start.

4. To turn Warm & Hold OFF at any time press . The Warm & Hold indicator light above the pad will turn OFF.

To set Warm & Hold to turn ON automatically:

1. Arrange interior oven racks and place food in oven. Set the oven properly for **Timed Bake** or **Delay Start Bake**.
2. Press . " — — " will appear in the display and the Warm & Hold indicator light above the pad will turn ON.
3. Press  or  to start. Warm & Hold is set to turn ON automatically after Timed Bake or Delayed Start Bake has finished.
4. To turn Warm & Hold OFF at any time press . The Warm & Hold indicator light above the pad will turn OFF.

Setting Warmer Drawer Controls

Arranging Warmer Drawer (Warm & Ready™ Drawer) Rack Positions (some models)

Note: Use the warmer drawer to keep hot foods hot such as: vegetables, gravies, meats, casseroles, biscuits and rolls, pastries and heated dinner plates.

The rack can be used in 2 ways:

- In the **upright position** to allow low profile food items to be placed both under and on top of the rack (for example, rolls or biscuits on top of the rack and a casserole dish under - See Fig. 1).
- In the **downward position** to allow you to place light weight food items and empty dishware (for example, rolls or pastries and dinner plates - See Fig. 2).

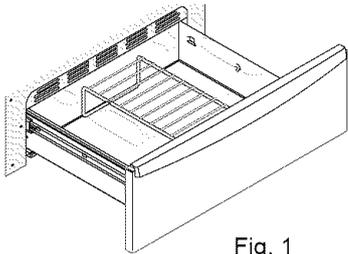


Fig. 1

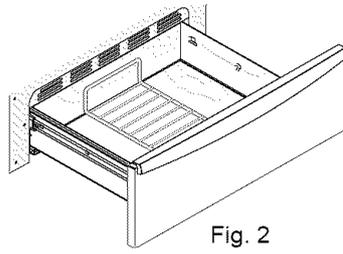


Fig. 2

NOTE: The warmer drawer is equipped with a catch which may require extra force when opening and closing the drawer.

To Operate the Warmer (Warm & Ready™) Drawer

Always start with hot food. It is not recommended to heat cold food in the warmer drawer.

All food placed in the warmer drawer should be covered with a lid or aluminum foil to maintain quality. **Do not use plastic wrap to cover food. Plastic may melt onto the drawer and be very difficult to clean.**

Use only dishes, utensils and cookware recommended for oven use in the warmer drawer.

CAUTION Always use pot holders or oven mitts when removing food from the warmer drawer as cookware and plates will be HOT.

To Set the Warmer (Warm & Ready™) Drawer Thermostat Control (some models)

The thermostat control is used to select the temperature of the warmer drawer. It is located on the control panel (See Fig. 3 on previous page). To set the thermostat, push in and turn the knob to the desired setting. The temperatures are approximate, and are designated by HI, MED and LO.

1. Turn the knob to select the desired temperature setting.
2. For best results, preheat the drawer before adding food. An empty drawer will preheat in approximately 15 minutes.
3. Turn the thermostat control to **OFF** after use.

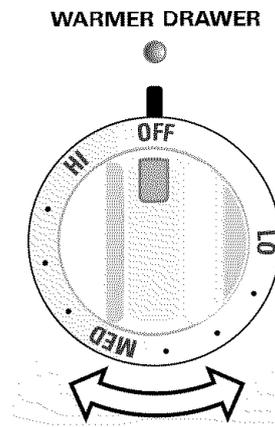


Fig. 3

Warmer (Warm & Ready™) Drawer Indicator Light

The indicator light is located above the Warmer Drawer thermostat control (some models). It turns on when the control is set, and stays on until the control is turned OFF. The warmer drawer is inoperable during the Self-Clean cycle. The indicator light will not come on during the Self-Clean cycle.

NOTE: The warmer drawer will **NOT** operate while in the Self-Clean and "Oven Lockout" modes

Warmer (Warm & Ready™) Drawer Temperature Selection (some models)

Refer to the table in the side column for recommended settings. If a particular food is not listed, start with the medium setting. If more crispness is desired, remove the lid or aluminum foil.

Most foods can be kept at serving temperatures by using the medium setting.

When a combination of foods are to be kept warm (for instance, a meat with 2 vegetables and rolls), use the high setting.

Refrain from opening the warmer drawer while in use to eliminate loss of heat from the drawer.

Warmer Drawer Recommended Food Settings Table

Food Item	Setting
Hamburger patties, poultry & porks chops	HI
Pizza, fried foods & bacon	HI
Gravies, roasts (beef, pork & lamb)	MED
Vegetables & eggs	MED
Pastries, biscuits & hard rolls	MED
Rolls (soft) & empty dinner plates	LO

To Remove & Replace Warmer (Warm & Ready™) Drawer (some models)



WARNING Electrical Shock Hazard can occur and result in serious injury or death. Disconnect appliance from electric power before cleaning and servicing the warmer drawer.

Setting Warmer Drawer Controls (cont'd)

To Remove Warmer Drawer:

1. **CAUTION** Turn power OFF before removing the warmer drawer.
2. Open the drawer to the fully opened position.
3. On the right glide you will find a shield attached with a hex-head screw (see figure 1). Using a 1/4" socket and ratchet remove the shield.
4. Locate glide lever on each side of drawer, pull up on the left glide lever and push down on the right glide lever.
5. Pull the drawer away from the range.

To Replace Warmer Drawer:

1. Replace shield on the right glide of the drawer body.
2. **Pull the bearing glides to the front** of the chassis glide (see figure 2).
3. Align the glide on each side of the drawer with the glide slots on the range.
4. Push the drawer into the range until levers "click" (approximately 2"). Pull the drawer open again to seat bearing glides into position. **If you do not hear the levers "click" or the bearing glides do not feel seated remove the drawer and repeat steps 2-4.** This will minimize possible damage to the bearing glides.

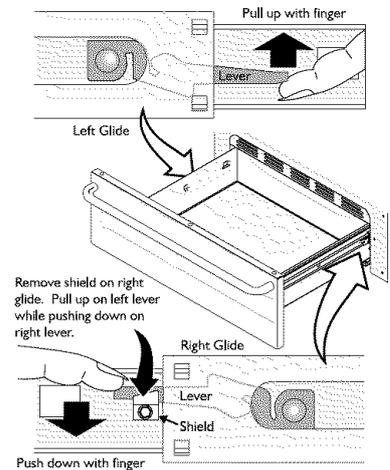


Fig. 1

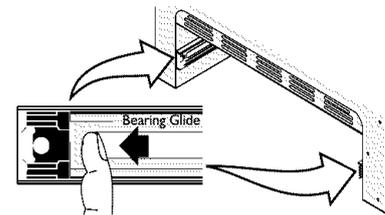


Fig. 2

Self-Cleaning

CAUTION During the Self-Cleaning cycle, the outside of the range can become very hot to the touch. **DO NOT** leave small children unattended near the appliance.

CAUTION The health of some birds is extremely sensitive to the fumes given off during the Self-Cleaning cycle of any range. Move birds to another well-ventilated room.

CAUTION **DO NOT** line the oven walls, racks, **OVEN BOTTOM** or any part of the range with **aluminum foil**. Doing so will destroy heat distribution, produce poor baking results & cause permanent damage to the oven interior (aluminum foil will melt to the interior surface of the oven).

CAUTION **DO NOT** force the oven door open. This can damage the automatic door locking system. Use caution when opening the door after the Self-Cleaning cycle is completed. The oven may still be **VERY HOT**.

Self-Cleaning Oven

A Self-Cleaning oven cleans itself with high temperatures (well above cooking temperatures) which eliminate soils completely or reduces them to a fine powdered ash you can wipe away with a damp cloth.

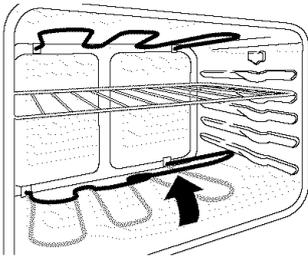
Prepare for the Self-Cleaning Cycle with the following precautions:

- **DO NOT** use oven cleaners or oven protective coatings in or around any part of the Self-Cleaning oven.
- **DO NOT** clean the oven door gasket. The woven

material of the oven door gasket is essential for a good seal. Care should be taken not to rub, damage or remove the gasket.

- **DO NOT** use any cleaning materials on the oven door gasket. Doing so could cause damage.
- **Remove the broiler pan & insert, all utensils & ANY aluminum foil. These items cannot withstand high cleaning temperatures.**
- It is recommended to remove the oven racks. If the racks are left in the oven during the Self-Clean cycle their color will turn slightly blue & the finish will be dull. After the cycle is complete and the oven has cooled, rub the sides of the oven racks with wax paper or a cloth containing a small amount of salad oil (this will make the oven racks glide easier into the oven rack positions).
- **Remove any excessive spillovers** in the oven cavity **before** starting the Self-Cleaning cycle. To clean, use hot, soapy water and a cloth. Large spillovers can cause heavy smoke or fire when subjected to high temperatures. **DO NOT** allow food spills with a high sugar or acid content (such as milk, tomatoes, sauerkraut, fruit juices or pie filling) to remain on the surface as they may leave a dull spot even after cleaning.
- 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. These areas heat sufficiently to burn soil on. Clean with soap and water.
- **NOTE:** Prior to setting the Self-Clean cycle, any spills remaining on the oven bottom should be removed.

Self-Cleaning (cont'd)



Baking element may be tilted about 4 or 5 inches to clean oven bottom.

CAUTION The oven bake and broil elements may appear to have cooled after they have been turned OFF. **The elements may still be hot** and burns may occur if these elements are touched before they have cooled sufficiently.

Starting the Select Self-Clean Cycle or a Delayed Start Self-Clean Cycle

For satisfactory results, use a 2 hour Self-Clean cycle for **light soils** and a 3 hour cycle for **average** or a 4 hour cycle for **heavy soils**. **NOTE:** The kitchen area should be well ventilated using an open window, ventilation fan or exhaust hood during the 1st Self-Clean cycle. This will help eliminate the normal odors associated with the 1st Self-Clean cycle.

To Set the Controls for a Self-Clean Cycle or a Delayed Start Self-Clean Cycle:

(**Note:** If you do not want to start a **Delayed** Self-Clean Cycle, skips steps 2 & 3.)

1. Be sure the clock shows the correct time of day.
2. Press . The " : " in the time of day will flash.
3. Press and hold the  pad to scroll to the time to start the delayed Self-Clean cycle. Release the pad when the desired time is displayed.
4. Press . " — — — " appears in the display.
5. Press the  or  once. "3:00" appears in the display for a cle. To change to a 2 hour cycle press . "2:00" appears in the display or to select a 4 hour cycle press . "4:00" appears in the display.

As soon as the controls are set, the motor driven lock will begin to close automatically and the "LOCK" indicator light will flash. **DO NOT** open the oven door while the light is flashing (it takes about 15 seconds for the oven door to lock).

6. "CLn" will appear in the display during the Self-Clean cycle and the "LOCK" light will glow until the Self-Cleaning cycle is complete or cancelled and the oven temperature has cooled.

When the Self-Clean Cycle is Completed:

1. The time of day or "End" will appear in the display window and the "Clean" and "LOCK" light will continue to glow.
2. Once the oven has cooled down for about 1 HOUR and the "LOCK" light has gone out, the oven door can be opened.
3. If "End" is in the display and the Select Clean indicator light remains ON, press . The time of day will appear in the display.

NOTE: When the oven is cool, wipe away any residue or powdered ash with a damp cloth or paper towel.

Stopping or Interrupting a Select Self-Cleaning Cycle

If it becomes necessary to stop or interrupt a Self-Cleaning cycle:

1. Press .
2. Once the oven has cooled down for about 1 HOUR and the "LOCK" light has gone out, the oven door can be opened.
3. Restart the Self-Clean cycle once all conditions have been corrected.

CAUTION To avoid possible burns use care when opening the oven door after the Self-Cleaning cycle. Stand to the side of the oven when opening the door to allow hot air or steam to escape.

CAUTION DO NOT force the oven door open. This can damage the automatic door locking system. Use caution and avoid possible burns when opening the door after the Self-Cleaning cycle has completed. The oven may still be **VERY HOT**.

General Care & Cleaning

Cleaning Table

Surfaces	How to Clean
Glass, Painted Plastic Body Parts & Control Knobs	<i>For general cleaning</i> , use a soft cloth, clean with mild dish detergent & water or a 50/50 solution of vinegar & water. Follow by rinsing the area with clean water; dry & polish with a soft cloth. Glass cleaners may be used if sprayed on a soft cloth. DO NOT spray liquids directly on the control pad and display areas. DO NOT use large amounts of water on the control panel - excess water on the control area may cause damage to the appliance. DO NOT use other liquid cleaners, abrasive cleaners, scouring pads, or some paper towels - they will damage the finish.
Painted Control Panels & Display areas	<i>Before cleaning the control panel</i> , turn all controls to OFF & remove the control knobs. To remove, pull each knob straight off the shaft. Use the <i>general cleaning</i> instructions provided in the paragraph above.
Porcelain Enamel Burner Grates, Cooktop Surface, Below Cooktop, Broiler Pan & Insert, Broiler Drawer, Door Liner & Oven Bottom	Clean burner grates, broiler pan & insert in the dishwasher and dry upon removal. If soils are not removed, follow the cooktop cleaning instructions below. Gentle scouring with a soapy scouring pad will remove most spots. Rinse with a 1:1 solution of clean water & 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, then scrub with a soap-filled scouring pad. Rinse & wipe dry with a clean cloth. Remove all cleaners or the porcelain may become damaged during future heating. DO NOT use spray oven cleaners on the range top.
Oven Racks	Remove racks. See "Removing & Replacing Oven Racks" under Before Setting Oven Controls . Use a mild, abrasive cleaner, following the cleaner's recommendations. Rinse with clean water & let dry. After cleaning the racks, rub the sides of the racks with wax paper or a cloth containing a small amount of baby oil or salad oil (this will make the racks glide easier into the oven rack positions).
Oven Door	Use soap & water to thoroughly clean the top, sides & 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. DO NOT 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 this gasket.
Stainless Steel	Clean stainless steel with hot soapy water & a dishcloth. Rinse with clean water and a cloth. DO NOT use cleaners with high concentrations of chlorides or chlorines. 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.
Ceramic Cooktop	See "Cooktop Cleaning & Maintenance" in this section for complete instructions.

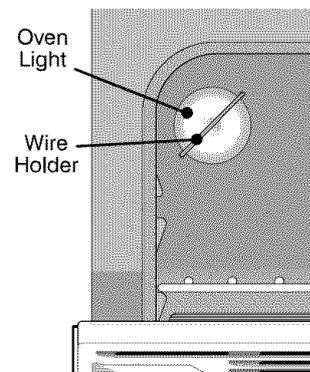
Changing the Oven Light

The oven light automatically turns ON when the door is opened. The oven light may also be manually operated by pressing the  pad. The oven light bulb is located at the rear of the oven and is covered with a glass shield held by a wire holder. The glass shield must be in place whenever the oven is in use.

To replace the oven light bulb:

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.
3. Replace bulb with a new 40 watt appliance bulb.
4. Replace glass shield over bulb and snap wire holder into place.
5. Turn power back on again at the main source (or plug the range back in).
6. The clock will then need to be reset. To reset, see **Setting the Clock and Minute Timer** in this Use & Care Guide.

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.

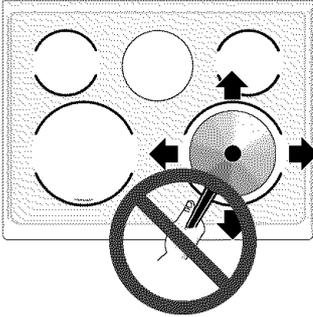


General Care & Cleaning (cont'd)

Ceramic Glass 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 (visit www.sears.com for replacment cleaner) 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 or dirty bottoms can mark or scratch the cooktop surface. **Do not slide anything metal or glass** across the cooktop. **Do not use cookware with dirt or dirt build up on bottom**; replace with clean cookware before using. **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 ceramic glass cooktop, they may cause it to crack.

Cleaning Recommendations for 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:

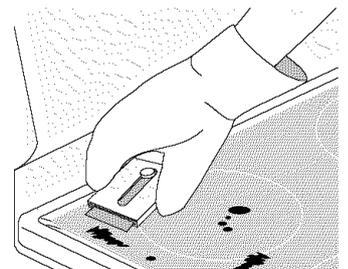
Apply a few drops of the cooktop cleaning cream (**cleaner must be recommended for Ceramic Glass cooktops**) directly to the cooktop. Use a paper towel or a 3M Scotch-Brite® Blue Multi-Purpose *No Scratch* Scrub Sponge to clean the entire cooktop surface. Make sure the cooktop is cleaned thoroughly, leaving no residue.

For heavy, burned on soil:

Apply a few drops of the cooktop cleaning cream (**cleaner must be recommended for Ceramic Glass cooktops**) 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. Once the sponge has been used on the cooktop, do not use the sponge 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 cleaner & buff surface clean.

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 & scrape the soil from the hot surface (as illustrated). Allow the cooktop to cool & use the same method for heavy or burned on soils.



Do not use the following on the ceramic glass cooktop:

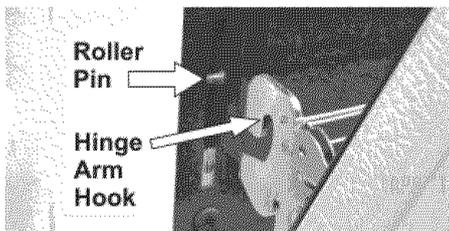
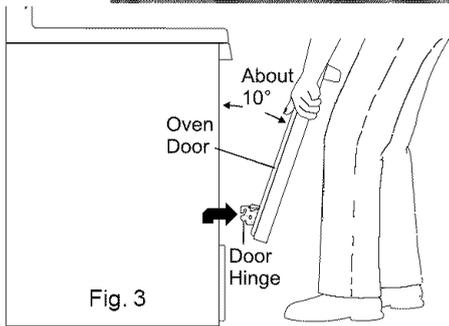
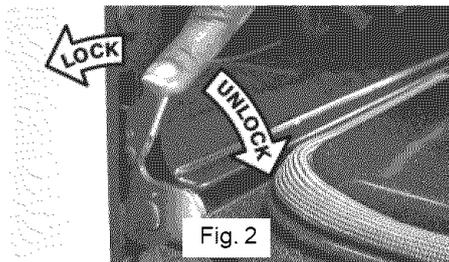
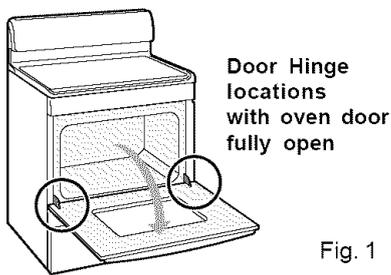
- Do not use abrasive cleaners and scouring pads, such as metal and some nylon pads. They may scratch the cooktop, making it more difficult to clean.
- Do not use harsh cleaners, such as chlorine bleach, ammonia or oven cleaners, as they may etch or discolor the cooktop.
- Do not use dirty sponges, cloths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



Special Caution for Aluminum Use on the Ceramic Cooktop:

- **Aluminum Foil** - Use of aluminum foil on a hot cooktop will damage the ceramic cooktop. Do not use thin aluminum cooking utensils or allow aluminum foil to touch the ceramic cooktop 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 allowed to boil dry, not only will the utensil be destroyed, but it may fuse to, break or mark the ceramic glass surface, permanently damaging the cooktop surface.

General Care & Cleaning (cont'd)



Removing & Replacing the Lift-Off 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. Pull the door hinge locks on both left and right door hinges down from the oven frame completely towards the oven door (See Fig. 2). A tool such as a small flat-blade screwdriver may be required.
3. Firmly grasp both sides of oven door along the door sides (Do not use the oven door handle - See Fig. 3).
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 (See Fig. 4).

To Replace Oven Door:

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

Special Door Care Instructions:

Most oven doors contain glass that can break. Read the following recommendations:

1. Do not close the oven door until all the oven racks are fully in place.
2. Do not hit the glass with pots, pans, or any other object.
3. Scratching, hitting, jarring or stressing the glass may weaken its structure causing an increased risk of breakage at a later time.

Adjusting the Oven Temperature

Your oven control has been precisely set at the factory. This setting may differ from your previous oven however, so your recipe times may not give you the results you expect. If you think that the oven is cooking too hot or too cool for your recipe times, you can adjust the control so that the oven cooks hotter or cooler than the temperature displayed.

To Adjust Oven Temperature:

1. Press **Bake**.
2. Set the temperature to 550°F (287°C) by pressing and holding the **▲**.
3. Within 2 seconds, press and hold **Bake** until the 2 digit display appears. Release **Bake**. The display now indicates the amount of degrees offset between the

original factory temperature setting and the current temperature setting. If the oven control has the original factory calibration, the display will read "0."

4. The temperature can now be adjusted up or down 35°F (17°C), in 5°F steps by pressing and holding the **▲** or **▼**. Adjust until the desired amount of offset appears in the display. When lowering the oven temperature, a minus sign (-) will appear before the number to indicate that the oven will be cooler by the displayed amount of degrees.
5. When you have made the desired adjustment, press **STOP Clear** to go back to the time of day display.

Note: Oven temperature adjustments made will not change the Self-Cleaning feature temperature.

Before You Call

Solutions to Common Problems

Before you call for service, review the following list. It may save you time & expense. The list includes common occurrences (shown in bold) that are not the result of defective workmanship or materials in this appliance. The possible corrections to these problems are provided with the problem listed:

Range is not level - (1) 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. (2) Be sure floor is level, strong & stable enough to adequately support range. (3) If floor is sagging or sloping, contact a carpenter to correct the situation. (4) Kitchen cabinet alignment may make range appear not level. Be sure cabinets are square & have sufficient room for range clearance.

Cannot move appliance easily. Appliance must be accessible for service - (1) Cabinets not square or are built in too tightly. Contact builder or installer to make appliance accessible. (2) Carpet interferes with range. Provide sufficient space so range can be lifted over carpet.

Surface element too hot or not hot enough - Incorrect control setting. Be sure the correct control is ON for the element to be used.

Surface element does not heat - (1) 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 & medium-weight pans heat evenly. Because lightweight pans heat unevenly, foods may burn easily. (2) No power to the appliance. Check steps under "**Entire Appliance Does Not Operate**" in this checklist. (3) Incorrect control setting. Make sure the correct control is ON for the surface element to be used.

Entire appliance does not operate - (1) The time of day is not set. The time of day **must** first be set in order to operate the oven. See "To Set the Clock" in the **Setting Oven Controls** section. (2) Make sure cord/plug is plugged correctly into outlet. (3) Service wiring is not complete. Call **1-800-4-MY-HOME®** for assistance (See back cover). (4) Electrical power outage. Check house lights to be sure. Call your local electric company for service.

Oven does not operate - Be sure the oven controls are set properly for the desired function. See **Setting Oven Controls** in this Use & Care Manual or read the instructions "**Entire appliance does not operate**" in this checklist.

Oven light does not work (some models) - Replace or tighten bulb. See **Changing Oven Light** section in this Use & Care Manual.

Oven control beeps and displays any "F" code error (for example F11) - Electronic control has detected a fault condition. Press **CLEAR/OFF** to clear the display & stop beeping. Reprogram oven. If fault recurs, record fault number. Press **CLEAR/OFF** & call **1-800-4-MY-HOME®** for assistance (See back cover).

Flames inside oven or smoking from oven vent - 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 see "Broiling" in the **Setting Oven Controls** section.

Oven smokes excessively during broiling - (1) Control(s) not set properly. Follow Broil instructions under **Setting Oven Controls**. (2) Make sure oven door is opened to **broil stop position**. (3) Meat too close to the broil element. Reposition the broil rack to provide proper clearance between the meat & the element. Preheat the broil element for searing. (4) Meat not properly prepared. Remove excess fat from meat. Cut fatty edges to prevent curling, but do not cut into lean. (5) Insert on broiler pan wrong side up & grease not draining. Always place grid on the broiler pan with ribs up & slots down to allow grease to drip into pan (some models). (6) Grease has built up on oven surfaces. Regular cleaning is necessary when broiling frequently. Old grease or food spatters cause excessive smoking.

Poor baking results - Many factors affect baking results. Make sure the proper oven rack position is used. Center food in the oven & 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 **Adjusting Your Oven Temperature** in this Use & Care Manual.

Soil not completely removed after Self-Cleaning cycle - Failure to clean bottom, front top of oven, frame of oven or door area outside oven seal. 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.

Self-Cleaning cycle does not work - (1) Oven control not set properly. Follow instructions under **Self-Cleaning**. (2) Self-Cleaning cycle was interrupted. Follow steps under "Stopping or Interrupting a Self-Cleaning Cycle" under **Self-Cleaning**.

Metal marks (Ceramic Cooktop models) - 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 **Care & Cleaning** section.

Scratches or abrasions on cooktop surface (Ceramic Cooktop models) - (1) 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. (2) Cleaning materials not recommended for ceramic-glass cooktop have been used. See "**Cooktop Cleaning & Maintenance**." (3) Cookware with rough bottom has been used. Use smooth, flat-bottomed cookware.

Brown streaks or specks on cooktop surface (Ceramic Cooktop models) - Boilovers are cooked onto surface. Use razor blade scraper to remove soil. See "Cooktop Cleaning and Maintenance" in the **Care & Cleaning** section.

Areas of discoloration with metallic sheen (Ceramic Cooktop models) - Mineral deposits from water and food. Remove using a ceramic-glass cooktop cleaning creme. Use cookware with clean, dry bottoms.

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