



## Electric Range

Slide-in models

Use & Care Guide

## Estufa eléctrica

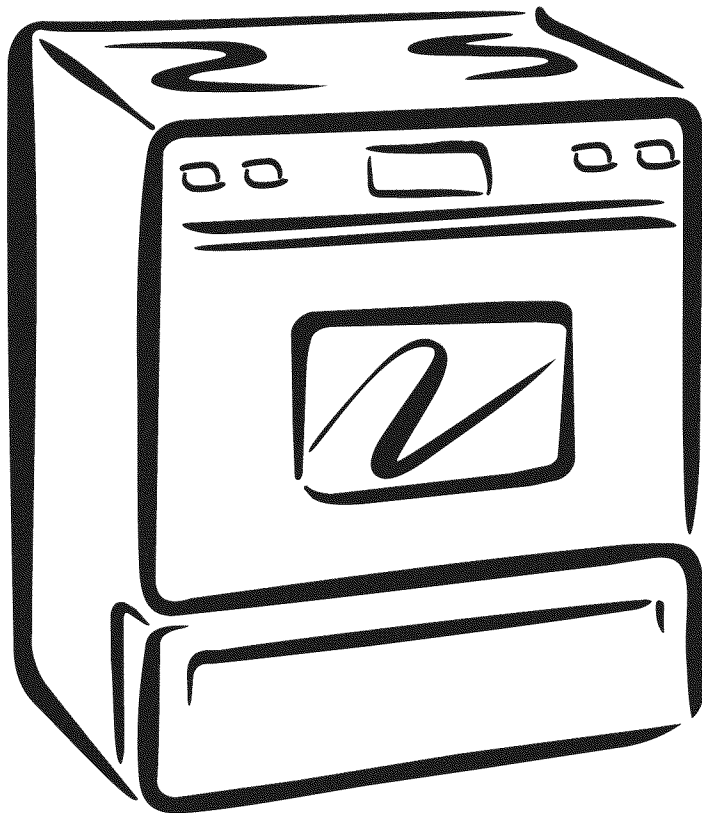
Modelos deslizables

Manual de uso y cuidado

Models, Modelos

790.4101

\* = Color number, número de color



ENGLISH

ESPAÑOL

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## Kenmore Elite Warranty

When installed, operated and maintained according to all instructions supplied with the product, if this appliance fails due to a defect in material and workmanship within one year from the date of purchase, call 1-800-4-MY-HOME® to arrange for free repair.

For five years from the date of purchase, if the cooktop glass fails due to thermal shock or the cooktop elements are defective, call 1-800-4-MY-HOME® to arrange for free part replacement. After the first year from purchase date, you must pay the labor cost of part installation.

This warranty applies for only 90 days from the date of purchase if this appliance is ever used for other than private family purposes.

### **This warranty covers only defects in material and workmanship. Sears will NOT pay for:**

1. Cracks in a ceramic glass cooktop that are not a result of thermal shock.
2. Stains and scratches on a ceramic glass cooktop resulting from accident or improper operation or maintenance.
3. Expendable items that can wear out from normal use, including but not limited to filters, belts, light bulbs, and bags.
4. A service technician to instruct the user in correct product installation, operation or maintenance.
5. A service technician to clean or maintain this product.
6. Damage to or failure of this product if it is not installed, operated or maintained according to the all instructions supplied with the product.
7. Damage to or failure of this product resulting from accident, abuse, misuse or use for other than its intended purpose.
8. Damage to or failure of this product caused by the use of detergents, cleaners, chemicals or utensils other than those recommended in all instructions supplied with the product.
9. Damage to or failure of parts or systems resulting from unauthorized modifications made to this product.

### **Disclaimer of implied warranties; limitation of remedies**

Customer's sole and exclusive remedy under this limited warranty shall be product repair as provided herein. Implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law. Sears shall not be liable for incidental or consequential damages. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitation on the duration of implied warranties of merchantability or fitness, so these exclusions or limitations may not apply to you.

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

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


**Sears, Roebuck and Co., Hoffman Estates, IL 60179**  
**Sears Canada Inc., Toronto, Ontario, Canada M5B 2B8**

# Important Safety Instructions

Read all instructions before using this appliance.

Save these instructions for future reference.

This manual contains many important safety messages. Always read and obey all safety messages.

The safety symbol  calls your attention to safety messages that inform you of hazards that can kill or hurt you or others, or cause damage to the product.

**⚠ WARNING** Indicates an imminently hazardous situation which, if not avoided may result in death or serious injury.

**⚠ CAUTION** Indicates an imminently hazardous situation which, if not avoided may result in minor or moderate injury, or product damage.

All safety messages will identify the hazard, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

- **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 code requirements.** Install only per installation instructions provided in the literature package for this range.
- **In case of an emergency, know how to disconnect the electrical power to the appliance at the circuit breaker or fuse box.**
- **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 to reduce the risk of personal injury and damage to the appliance. Sears Parts & Repair is the recommended repair service for this appliance.
- **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** Stepping, leaning or sitting on the door or drawer 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. An open drawer, when hot, may cause burns.

**⚠ 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. Children climbing on the range to reach items could be seriously injured.

**⚠ WARNING** Never use your appliance for warming up or heating up the room.

- **Storage in or on appliance—Flammable materials should not be stored in an oven, near surface units or in the drawer (if equipped).** 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 appliance. Flammable materials may explode and result in fire or property damage.
- **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, OVEN HEATING ELEMENTS OR INTERIOR SURFACES OF THE OVEN OR WARMER DRAWER (if equipped).** Both surface 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 cooktop, surfaces facing the cooktop, 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.**



**⚠ WARNING**

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



To reduce the risk of tipping, the range oven must be secured by

properly installed anti-tip bracket(s) provided with the range. To check if the bracket(s) is installed properly, remove the lower panel or storage drawer and verify that the anti-tip bracket(s) is engaged. Refer to the Installation Instructions for proper anti-tip bracket(s) installation.

# Important Safety Instructions

- **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 oven during a power failure. If the power fails, always turn the oven off.** If the oven is not turned off and the power resumes, the oven may begin to operate again. (Food left unattended could catch fire or spoil.)

**⚠ CAUTION** Electronic controllers can be damaged by cold temperatures. When you use your appliance for the first time, or if it has not been used for a long period of time, make sure that it has been exposed to a temperature above 0°C/32°F for at least 3 hours before connecting it to the power supply.

## IMPORTANT INSTRUCTIONS FOR USING YOUR COOKTOP

- **Know which knob controls each surface heating unit.**
- **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. The use of undersized utensils will expose a portion of the surface heating unit to direct contact and may result in ignition of clothing. Proper relationship of utensil to the surface unit will also improve efficiency.
- **Utensil handles should be turned inward and not extend over adjacent surface units.** To reduce the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the utensil.
- **Never leave surface burners unattended at high heat settings—**Boilovers cause smoking and greasy accumulations that may ignite, or a pan that has boiled dry may melt.
- **Protective liners—**Do not use aluminum foil to line oven bottom or any other part of the appliance. Only use aluminum foil as recommended for baking if used as a cover placed on the food. Any other use of protective liners or aluminum foil may result in a risk of electric shock or fire or short circuit.
- **Glazed cooking utensils—**Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for rangetop service without breaking due to the sudden change in temperature. Check the manufacturer's recommendations for cooktop use.

- **Do not use decorative surface element covers.** If an element is accidentally turned on, the decorative cover will become hot and possibly melt. Burns will occur if the hot covers are touched. Damage may also be done to the cooktop.

## FOR COOKTOPS WITH COIL ELEMENTS ONLY

- **Do Not Immerse or Soak Removable Surface Heating Elements.** Surface heating elements should never be immerse in water. Heating elements clean themselves during normal operation.
- **Make Sure Drip Pans or Drip Bowls Are in Place.** Absence of these pans or bowls during cooking may subject wiring or components underneath to damage.

## FOR GLASS COOKTOPS ONLY

- **Do not clean or operate a broken cooktop—**If cooktop should break, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. Contact a qualified technician immediately.
- **Clean cooktop glass with caution—**If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid a steam burn. Some cleaners can produce harmful fumes if applied to a hot surface.
- **Avoid scratching the cooktop glass with sharp objects.**

## IMPORTANT INSTRUCTIONS FOR USING YOUR OVEN

- **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 / warmer drawer.
- **Keep oven vent ducts unobstructed.** The oven vent is located **at right side of the front panel** and visible when the oven door is open. 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/warmer drawer (if equipped) Racks.** Always place oven racks in desired location while oven/warmer drawer (if equipped) 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/warmer drawer (if equipped). 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.

# Important Safety Instructions

- **Do not cover the broiler insert with aluminum foil.** Exposed fat and grease could ignite.
- **Do not touch a hot light bulb with a damp cloth.** Doing so could cause the bulb to break. Disconnect the appliance or turn off the power to the appliance before removing and replacing light bulb.

## IMPORTANT INSTRUCTIONS FOR CLEANING YOUR RANGE

- **Clean the range regularly to keep all parts free of grease that could catch fire.** Exhaust fan ventilation hoods and grease filters should be kept clean. Do not allow grease to accumulate on hood or filter. Greasy deposits in the fan could catch fire. When you are flaming food under the hood, turn the fan on. Refer to the hood manufacturer's instructions for cleaning.

## SELF-CLEANING OVENS

- **In the self-cleaning cycle, only clean the parts listed in this Use and Care Guide.** 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.
- **Remove oven racks.** Oven racks color will change if left in the oven during a self-cleaning cycle.

**⚠ 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.

## 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.

# SAVE THESE SAFETY INSTRUCTIONS

## 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 the serial plate.

Model No. 790.

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

Date of purchase \_\_\_\_\_

Save these instructions and your sales receipt for future reference.

## Please carefully read and save these instructions

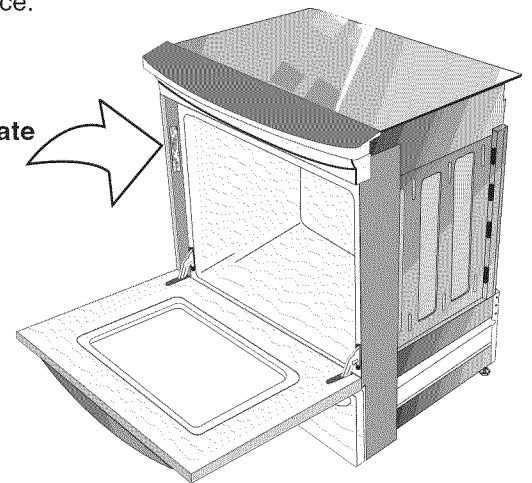
This Use & Care Manual contains general operating instructions for your appliance and feature information for several models. Your product **may not** have all the described features. The graphics shown are representative. The graphics on your appliance may not look exactly like those shown. Common sense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

## Serial Plate Location

You will find the model and serial number printed on the serial plate. The serial plate is located as shown below.

Remember to record the serial number for future reference.

Serial Plate Location



# PROTECTION AGREEMENTS

## 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.*

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

- ☑ **Parts and labor** needed to help keep products operating properly **under normal use**, not just defects. Our coverage goes **well beyond the product warranty**. No deductibles, no functional failure excluded from coverage – **real protection**.
- ☑ **Expert service** by a force of more than **10,000 authorized Sears service technicians**, which means someone you can trust will be working on your product.
- ☑ **Unlimited service calls and nationwide service**, as often as you want us, whenever you want us.
- ☑ **«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** – we call it **Rapid Resolution** – phone support from a Sears representative on all products. Think of us as a «talking owner's manual».
- ☑ **Power surge protection** against electrical damage due to power fluctuations.
- ☑ **\$250 Food Loss Protection** annually for any food spoilage that is the result of mechanical failure of any covered refrigerator or freezer.
- ☑ **Rental reimbursement** if repair of your covered product takes longer than promised.
- ☑ **10% discount** off the regular price of any non-covered repair service and related installed parts.

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

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

**Some limitations and exclusions apply. For prices and additional information in the U.S.A. call 1-800-827-6655.**

**\* Coverage in Canada varies on some items. For full details call Sears Canada at 1-800-361-6665.**

## 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. or Canada call **1-800-4-MY-HOME**®.*

## Acuerdos maestros de protección

*Ehonorabuena por haber hecho una compra inteligente. Su nuevo producto Kenmore® está diseñado y fabricado para brindarle años de funcionamiento fiable. Pero, como cualquier producto, puede necesitar mantenimiento preventivo o reparaciones periódicas. Es por eso que tener un Acuerdo maestro de protección podría ahorrarle dinero y molestias.*

El Acuerdo maestro de protección también sirve para prolongar la durabilidad de su nuevo producto. El acuerdo\* incluye lo siguiente:

- ☑ **Piezas y mano de obra** necesarias para contribuir a mantener el funcionamiento adecuado de los productos **utilizados en condiciones normales de uso**, no sólo en caso de defectos de los productos. Nuestra cobertura va **mucho más allá que la garantía del producto**. No se aplican deducibles ni exclusiones por fallas del funcionamiento: es decir, **verdadera protección**.
- ☑ **Servicio técnico por expertos** (más de **10000 técnicos autorizados de Sears**), lo cual significa que quien repare o realice el mantenimiento de su producto será un profesional de confianza.
- ☑ **Servicio técnico a escala nacional y número ilimitado de llamadas de solicitud de servicio técnico**: se puede poner en contacto con nosotros cuantas veces lo desee y cuando lo desee.
- ☑ **Garantía «sin sorpresas»**: se reemplaza el producto cubierto por el acuerdo si ocurren cuatro o más fallas del producto en un periodo de 12 meses.
- ☑ **Reemplazo del producto**: en caso de que no se pueda reparar el producto cubierto por el acuerdo.
- ☑ **Revisión anual preventiva de mantenimiento del producto**: puede solicitarla en cualquier momento, sin costo alguno.
- ☑ **Rápida asistencia telefónica**, la cual denominamos **Solución rápida**: es decir, asistencia telefónica a través de cualquiera de nuestros representantes de Sears, sobre cualquiera de nuestros productos. Piense en nosotros como en un «manual parlante del usuario».
- ☑ **Protección contra fallas eléctricas**, contra daños debidos a fluctuaciones de la corriente eléctrica.
- ☑ **\$250 al año para cubrir cualquier posible deterioro de alimentos** que haya tenido que desechar debido a una falla mecánica de cualquiera de nuestros refrigeradores o congeladores cubiertos por este acuerdo.
- ☑ **Devolución de gastos de alquiler de electrodomésticos** si la reparación de su producto asegurado toma más que el tiempo prometido.
- ☑ **10% de descuento** aplicable tanto a los costos del servicio de reparación, como de las piezas instaladas relacionadas que no hayan quedado cubiertos por este acuerdo.

Una vez que haya realizado el pago de este acuerdo, bastará una simple llamada telefónica para concertar una visita de servicio. Puede llamar a cualquier hora del día o de la noche, o bien concertar una visita de servicio por Internet.

La adquisición del Acuerdo maestro de protección es una inversión exenta de riesgos. Si por cualquier motivo decide cancelar dicho acuerdo durante el periodo de garantía del producto, le haremos un reintegro total del valor. O bien un importe proporcional si cancela el acuerdo en cualquier otro momento posterior al vencimiento del periodo de garantía del producto. ¡Adquiera hoy mismo su Acuerdo maestro de protección!

**Algunas limitaciones y exclusiones podrían aplicarse. Para solicitar precios e información adicional, llame al 1-800-827-6655 (en los EE.UU.).**

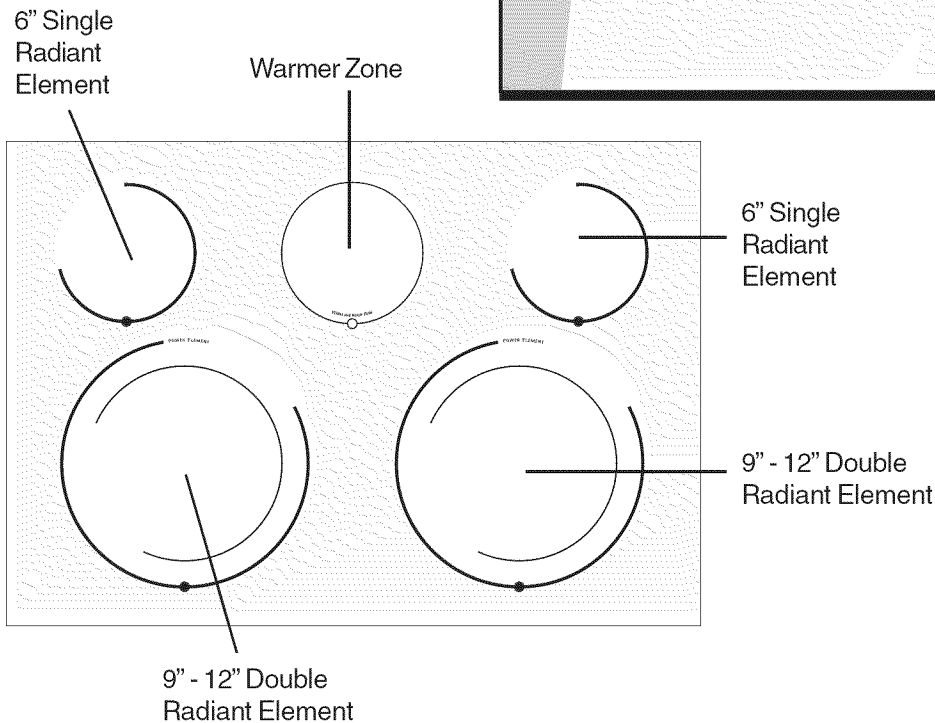
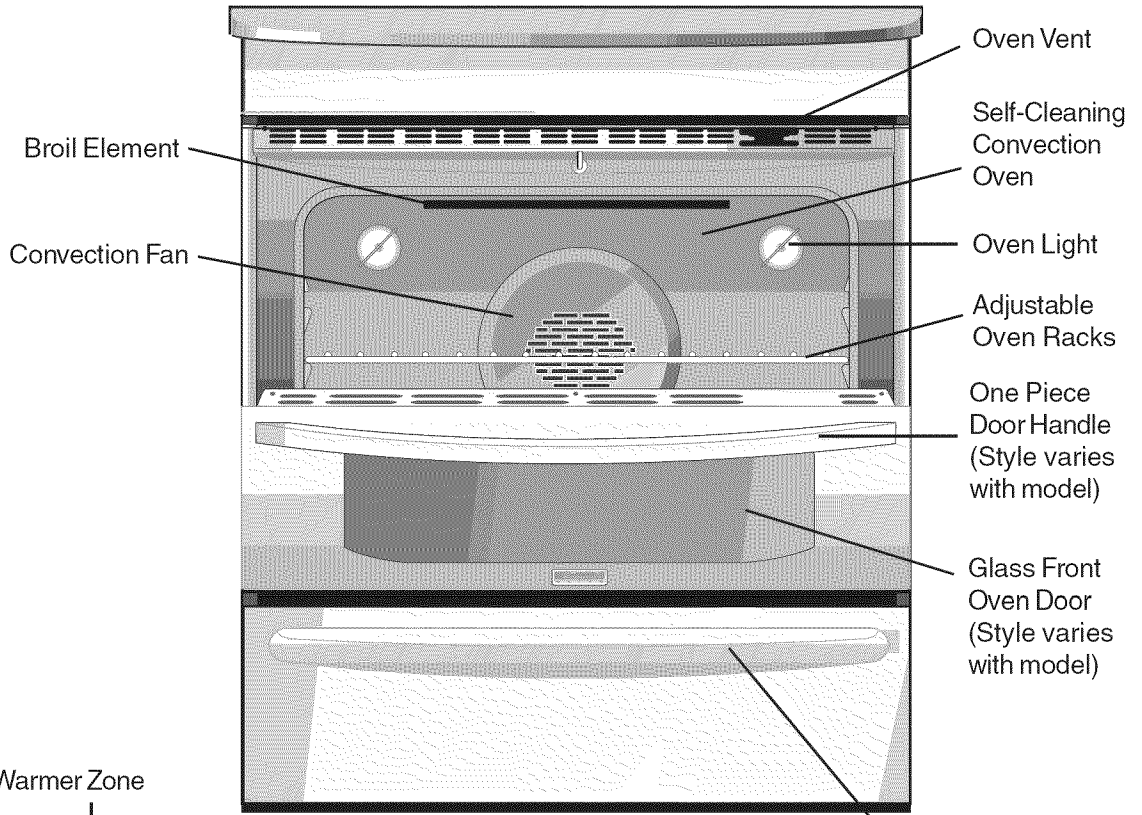
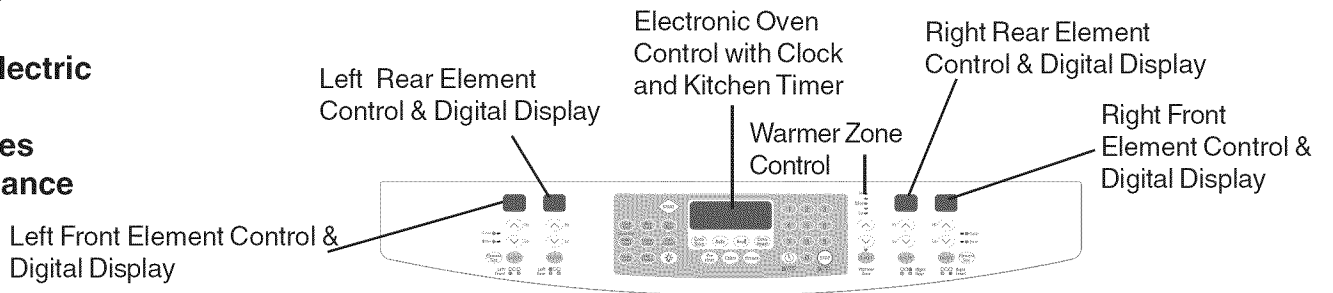
**\* La cobertura en Canadá varía en el caso de algunos artículos. Para obtener detalles completos al respecto, llame al 1-800-361-6665 de Sears de Canadá.**

## Servicio de instalación de Sears

*Para solicitar la instalación por profesionales de Sears de electrodomésticos, abridores de puertas de garaje, calentadores de agua y otros artículos de uso prioritario en el hogar, llame al **1-800-4-MY-HOME** en los EE.UU. o Canadá.*

# Range features

## Your Electric Range Features At a Glance



Storage Drawer with Integrated Handle or Stainless Steel Handle (style varies with model)

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

## Setting Surface Controls

### 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 (See Figure 1).

Heat is transferred up through the surface of the cooktop to the cookware. Only flat-bottom 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.

**CAUTION** 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.

### Locations of the Radiant Surface Elements and Controls

Your range is equipped with radiant surface burners with different wattage ratings. The ability to heat food quicker and in larger volumes increases as the element wattage increases. The radiant surface elements are located on the cooktop as follows:

- two **6 inch** radiant elements located at the right and left rear positions;
- two **9 / 12 inch** Double elements located at the right and left front positions;
- a **Warmer Zone** located at the center rear position;

**Note:** Please read detailed instructions for ceramic glass cooktop cleaning in the **General Care & Cleaning** section and **Before You Call** checklist section of this Use and 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 glass cooktop. Cycling at the HI setting is normal and can also occur if the cookware is too small for the radiant element or if the cookware bottom is not flat (Refer to page 14 for using correct cookware instructions with the cooktop).

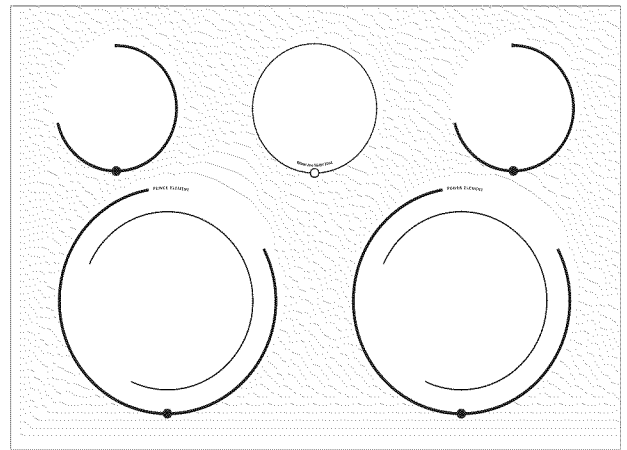


Figure 1

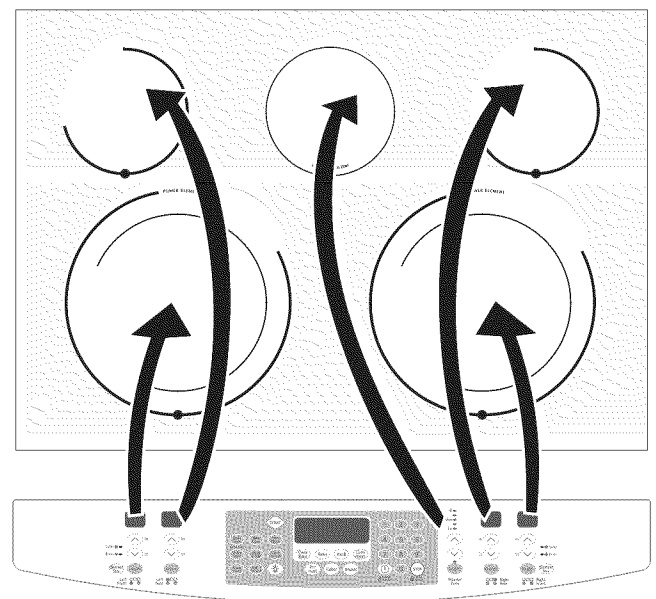


Figure 2

**Note:** (White glass cooktops only) Due to the high intensity of heat generated by the surface elements, the glass surface will turn green when the element is first turned off. This phenomenon is normal and the glass will come back to its original white color after it has completely cooled down.

**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)

### The Electronic Surface Element Control (ESEC)

The Electronic Surface Element Control (ESEC) feature provides a digital display of the radiant surface elements on the cooktop. The ESEC display in combination with the touch pads is designed to replace conventional control knobs.

### The available ESEC Window Display Settings

The ESEC control will display heat levels ranging from **Hi** (Figure 1) to **Lo** (Figure 6) and **OFF** (Figure 7). The settings between **9.0** (Figure 2) and **3.0** (Figure 3) decrease or increase in increments of .5 (1/2). The settings between **3.0** (Figures 3 & 4) and **1.2** (Figure 5) are Simmer settings which decrease or increase in increments of .2 (1/5) to **Lo** (Figure 6; lowest Simmer setting) for more precise settings at lower heat levels. Use the Recommended Surface Setting Chart to determine the correct setting for the kind of food you are preparing.

### Hot Element message

After using any of the radiant element positions the cooktop will become very hot. After turning any of these elements OFF, the cooktop will remain HOT for some time. The "HE" message (Figure 8) will appear in its associated display whenever any of the element positions is still HOT and the element has been turned OFF. The **Hot Element** message will remain ON while hot and turn OFF once the cooktop has cooled sufficiently.

### ESEC Lockout Feature ( - - )

The ESEC feature will not operate during a Self-Clean cycle or when the Cooktop Lockout feature is active. Whenever the Cooktop Lockout feature is active, " - - " will appear in any display window (See Figure 9).

### ESEC PF message

The ESEC will display the PF message (Figure 10) whenever there has been a power interruption to the appliance. The PF message will disappear by itself after a few seconds.



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8

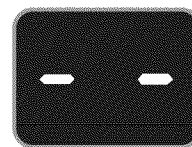


Figure 9



Figure 10

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## Recommended Surface Cooking Settings

Recommended Settings for Single, & Double Surface Elements	
Setting	Type of Cooking
HIGH (8.0 - Hi)	Start most foods, bring water to a boil or pan broiling
MEDIUM HIGH (5.0 - 8.0)	Continue a rapid boil, fry, deep fat fry
MEDIUM (3.0 - 5.0)	Maintain a slow boil, thicken sauces and gravies, steam vegetables
MEDIUM LOW (2.0 - 4.0)	Keep foods cooking, poach, stew (2.8 or lower is a simmer setting).
LOW/SIMMER (Lo - 2.0)	Keep warm, melt, simmer (2.8 or lower is a simmer setting).

**Note:** The size and type of cookware used will influence the setting needed for best cooking results. The Simmer settings are used to simmer and keep larger quantities of foods warm such as stews and soups. The lower Simmer settings are ideal for delicate foods and melting chocolate or butter.

## Setting Surface Controls (cont'd)

### Operating Single Radiant Surface Elements

The cooktop has 2 SINGLE radiant surface elements: the **RIGHT REAR** position (Figure 1) and the **LEFT REAR** position (Figure 2).

#### To Operate the Single Radiant Surface Elements:

1. Place correctly sized cookware on the radiant surface element.
2. Touch and hold the **ON/OFF** pad for the desired element position until a beep is heard.  
The display will show "--".  
**Note:** If no further pads are touched within 10 seconds the request to power the element ON will clear.
3. Touch **HI** (∧) pad once to turn ON the power level to **HI**. Touch **Lo** (∨) pad once for **Lo** (See Figure 3). The **Hot Surface** indicator light will turn ON when the element becomes hot.
4. Each touch of the **HI** (∧) or **Lo** (∨) pad will decrease or increase the power level from **9.0** through **3.0** by .5 increments. Simmer power levels between **3.0** and **1.2** will decrease or increase by .2 increments. **Lo** is the lowest power level available.  
**Note:** The power level may be adjusted at any time while the element is ON.
5. When cooking has been completed touch the **ON/OFF** pad once to turn the element OFF.  
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.

**Note:** The **Hot Element** message will remain displayed on the control panel as long as the element is still hot and will remain ON 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.

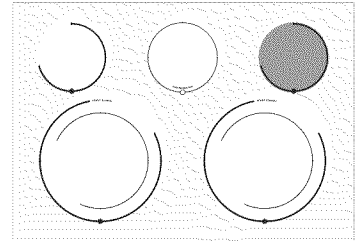


Figure 1  
Right Rear Element

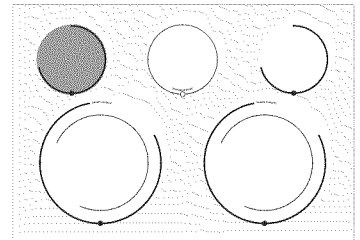


Figure 2  
Left Rear Element

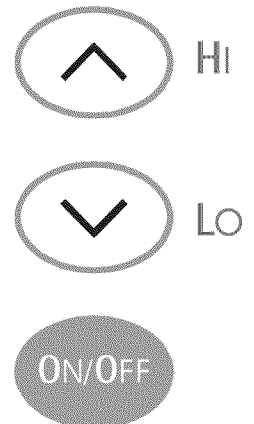
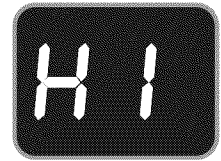


Figure 5

## Setting Surface Controls (cont'd)

### Operating the Dual Surface Element

The cooktop is equipped with two Dual radiant surface elements located at the right and left front cooktop position (Figure 1). Indicator lights on the control panel at that position are used to indicate what portions of the Dual radiant element will heat. The **INNER** light indicates that only the inner element will heat (Figure 2). The **OUTER** light indicates that both inner and outer elements will heat together (Figure 3). You may switch between these different settings at any time during cooking.

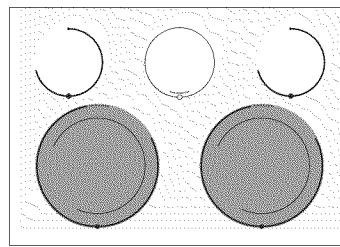


Figure 1

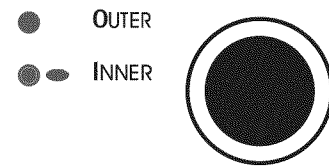


Figure 2

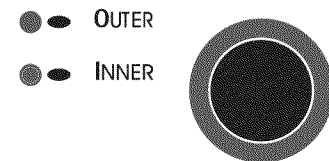


Figure 3

### To Operate the Dual Surface Element:

1. Place correctly sized cookware on the radiant surface element.
2. Touch and hold the **ON/OFF** pad for the Dual element position until a beep is heard. The display will show "--". **Note:** If no further pads are touched within 10 seconds the request to power the element ON will clear.
3. Select the **INNER** (Figure 2) or **OUTER** (both elements) (Figure 3) to heat by pressing the **ELEMENT SIZE** pad once or twice times (Figures 3 & 4 show indicator lights with **OUTER** selected). **Note:** If no element size is chosen when the dual element is turned ON, the control will default to the inner coil only.
4. Touch **HI** (up arrow) pad once to turn ON the power level to **HI**. Touch **Lo** (down arrow) pad once for **Lo** (See Figure 4).
5. Each touch of the **HI** (up arrow) or **Lo** (down arrow) pad will increase or decrease power levels from **9.5** through **3.0** by .5 increments. Simmer power levels between **3.0** and **1.2** will decrease or increase by .2 increments. **Lo** is the lowest power level available.  
**Note:** The power level may be adjusted at any time while the element is ON.
6. When cooking has been completed touch the **ON/OFF** pad once to turn the entire element OFF.  
Each dual surface element provides a constant amount of heat at each setting. The different glow of the 2 elements is normal and doesn't affect heating performance (See Figure 3). 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.

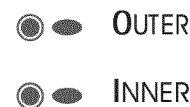


Figure 4

**Note:** If no element size is chosen when the dual element is turned ON, the control will default to the inner coil only. See page 9 for recommended surface cooking settings.

**Note:** The **Hot Element** message will remain displayed on the control panel as long as the element is still hot and will remain ON 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 aluminum foil or 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)

### Operating the Warmer (Warm & Ready™) Zone

The **Warm & Ready™** zone radiant element is located at the center rear position (Figure 1). The purpose of the Warmer Zone is to keep hot cooked foods at serving temperature. Use the Warmer Zone to keep cooked foods hot such as: vegetables, gravies, casseroles, soups, stews, breads, pastries and oven-safe dinner plates. Always start with hot food. It is not recommended to heat cold food on the Warmer Zone.

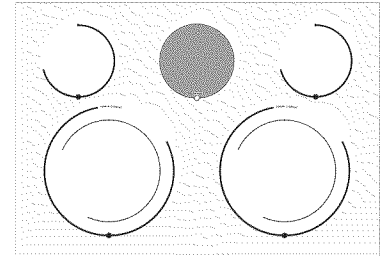


Figure 1

**CAUTION** The Warmer Zone will not glow red when it is hot, but becomes hot enough to cause burns. Always use potholders or oven mitts when removing food from the warmer zone as cookware and plates will be hot.

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

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





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

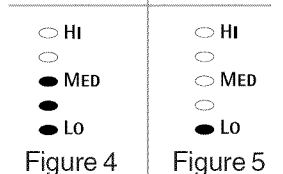
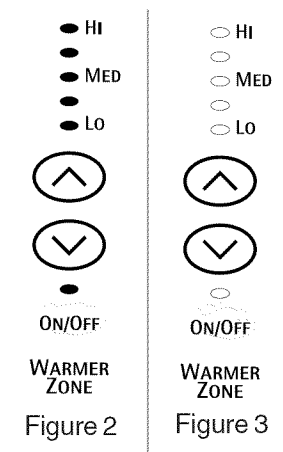
### Warmer Zone Temperature Selection

Refer to the Warmer Zone table 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.

### To Set the Warmer Zone Control:

The control and indicator lights are located on the control panel.

1. Touch the **ON/OFF** pad at the Warmer Zone control position. The Warmer Zone indicator light will flash. Note: If no further pads are touched within 25 seconds the request to power the Warmer Zone ON will clear.
2. At the Warmer Zone controls position touch  once to turn ON the power level for **HI** (see Figure 2) or  to turn ON the power level for **LO** (see Figure 5). The Warmer Zone Indicator light located above the ON/OFF pad will turn on steady and the **Hot Surface** indicator light located on the glass cooktop will turn ON when the Warmer Zone becomes hot.
3. Each touch  or  will increase or decrease the power levels. The Warmer Zone has 5 power levels from **HI** (see Figure 2) through **MED** (see Figure 4) to **LO** (see Figure 5). The power level may be adjusted at any time while the Warmer Zone is ON.
4. When it is time to serve food, touch the **ON/OFF** pad once to turn the Warmer Zone OFF. The Warmer Zone indicator light will turn OFF (see Figure 3).




**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 aluminum foil or 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 or burners.



## Setting Surface Controls (cont'd)

### To Set the Cooktop Lockout Feature COOKTOP



The clock  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.

#### INSTRUCTIONS

##### 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 "CLO" appears (Figure 1). Continue holding until a second beep sounds (after 3 seconds). If a triple beep sounds instead, check all surface elements and turn them to the OFF position and repeat this step.  will appear in the display indicating the cooktop controls and functions are locked out until the cooktop is unlocked (See Figure 2).

##### To turn the Cooktop Lockout Feature OFF:

1. Press and hold  until "CLO" appears. Continue holding until a second beep sounds (after 3 seconds).  will disappear from the display indicating the cooktop may be used normally (See Figure 3).

**Note:** Starting a Self-Clean cycle will automatically 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.

### How the Electronic Surface Element Controls work when the Sabbath feature is ON.

When your Oven Sabbath feature is ON, the Electronic Surface Elements are also in Sabbath mode. This means that all electronic surface element control displays show "Sb". The surface elements can be used even if the Sabbath Feature is on.

#### To turn ON a Surface Element when the Oven Sabbath Feature is active:

If you turn on a surface element when the oven Sabbath feature is on, the electronic surface element control will record that request and execute it with a 15-30 seconds delay. So the element will start heating 15-30 seconds after the surface element control was turned on. As the oven control, the surface element display will not show the setting because "Sb" is on in the displays. When necessary, it is possible to adjust the power of the surface element but you have to remember that the surface element control will adjust the temperature with the same delay.

#### To turn OFF the Surface Element when the Oven Sabbath Mode is active:

To shut off the surface element while the Sabbath feature is ON, proceed as usual but take note that the element will **immediately turn off** without any delay.

**Note:** Refer to page 32-33 to activate the Sabbath Feature.

#### PRESS



#### DISPLAY



Figure 1



Figure 2



Figure 3

# Surface Cooking

## Selecting Surface Cooking 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 Figure 1). Be sure to follow the recommendations for using cookware as shown in Figure 2.

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

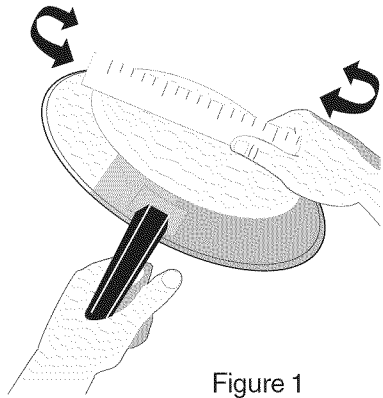
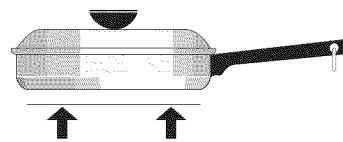


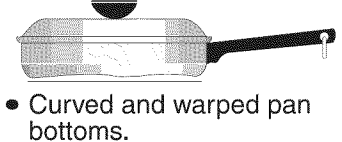
Figure 1

### Correct

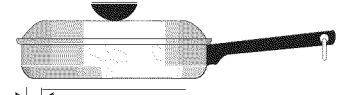


- Flat bottom and straight sides.
- Tight fitting lids.
- Weight of handle does not tilt pan. Pan is well balanced.
- Pan sizes match the amount of food to be prepared and the size of the surface element.
- Made of a material that conducts heat well.
- Easy to clean.
- Always match pot diameter to element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

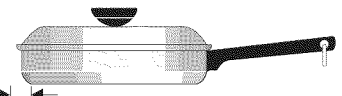
### Incorrect



- Curved and warped pan bottoms.



- Pan overhangs element by more than one-half inch.



- Pan is smaller than element.



- Heavy handle tilts pan.

Figure 2

## 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 glass 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.

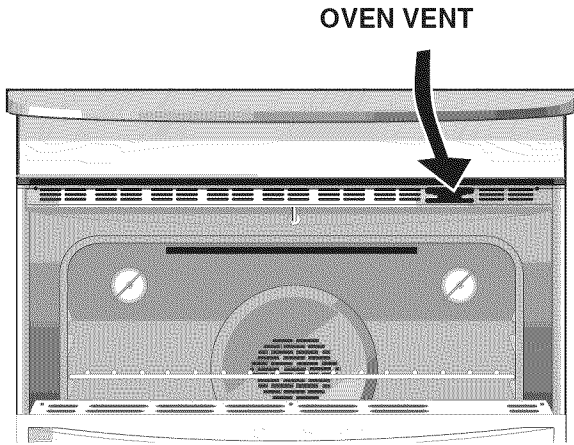
**GLASS** - Slow heat conductor. Not recommended for ceramic cooktop surfaces because it may scratch the glass.

# Before Setting Oven Controls

**CAUTION** This range has a fan that will turn “ON” and “OFF” by itself to keep the electronics cool. It may continue to run after the range has been turned “OFF”, but may also stop immediately and then turn “ON” after a while.

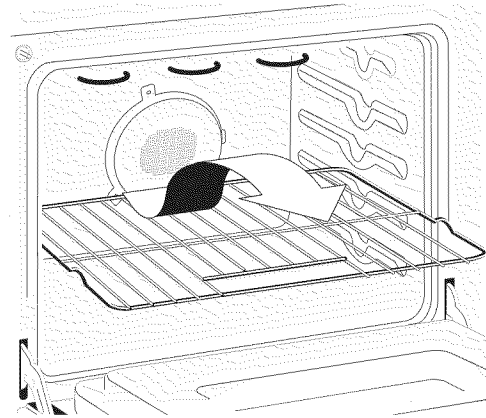
### Oven Vent Location

The oven is vented through its upper front frame. When the oven is on, hot air is released through the vents. This venting is necessary for proper air circulation in the oven and good baking results.



### Removing and 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.

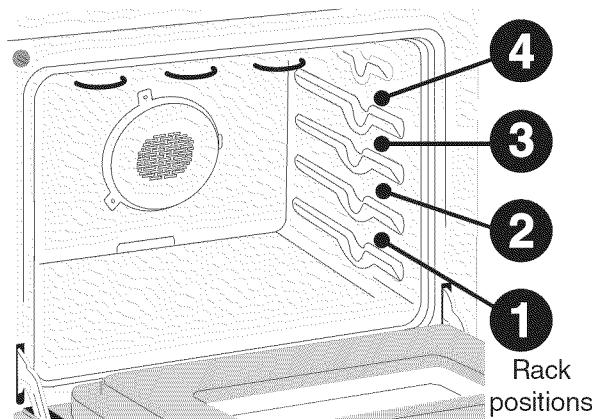


ENGLISH

## Arranging Oven Racks

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

### RECOMMENDED RACK POSITIONS FOR BROILING, BAKING & ROASTING



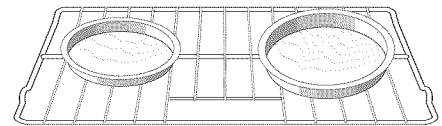
Food	Rack position
Broiling meats, chicken or fish	3 or 4
Cookies, cakes, pies, biscuits & muffins	
1 rack	2 or 3
Multiple racks	2 & 4
Frozen pies, angel food cake, yeast, bread, casseroles, small cuts of meat or poultry	1 or 2
Turkey, roast or ham	1

Note: Always use caution when removing food.

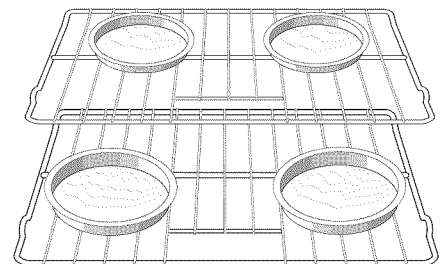
## Air Circulation in the Oven

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 circulate around the pans and cookware in the oven for even heat to reach around the food.

**CAUTION** Always use pot holders or oven mitts when adjusting the oven racks. Wait until the oven has completely cooled if possible. Oven racks may be HOT and may cause burns.



1 Oven Rack



Multiple Oven Racks

# Control Pad Features

**READ THE INSTRUCTIONS CAREFULLY BEFORE USING THE OVEN.** For satisfactory use of your oven, become familiar with the various features and functions of the oven as described below. **Detailed instructions for each feature and function follow later in this Use & Care Guide.**

**SLOW COOK**— Use to select the Slow Cook feature.

**OVEN COOK TIME**— Use to enter the length of the baking time.

**WARM & HOLD PAD**— Use to select the Warm & Hold feature.

**DELAY START**— Use with **BAKE, CONV BAKE, PREHEAT, SLOW COOK COOK TIME** and **CLEAN** to program a Delayed Timed Bake or Delay Self-Cleaning cycle start time.

**CONV CONVERT**— Use to select the Convection Convert feature.

**KITCHEN TIMER ON/OFF** Use to set or cancel the Kitchen Timer. The Kitchen Timer does not start or stop cooking.

**FLEX CLEAN PAD**— Use to select the Self-Cleaning feature.

**START**— Use to start all oven features (not used with Oven Light).

**BAKE PAD**— Use to enter the normal Bake feature.

**BROIL PAD**— Use to select variable broil function.

**CONVECTION ROAST**— Use to select the Convection Roast feature.

**0 THRU 9 NUMBER PADS**— Use to enter temperature and times.

**COOK TIME** (Timed On)

**Slow Cook**

**Flex Clean**

**Delay Start**

**Warm & Hold**

**Conv Convert**

**Timer On/Off**

**Add 1 Minute**

**Oven Light**

**Conv Bake**

**Bake**

**Broil**

**Conv Roast**

**Pre Heat**

**Cakes**

**Breads**

**Clock Set**

**STOP**

**ADD 1 MINUTE**— Use to select Add 1 Minute feature.

**OVEN LIGHT**— Use to turn the oven light ON and OFF.

**CONVECTION BAKE**— Use to select the Convection Bake feature.

**CAKES & BREADS**— Use to select the Cakes & Breads cooking features.

**PREHEAT**— Use to raise oven to cooking temperature.

**CLOCK SET**— Use to set the time of day; also controls the Cooktop Lockout feature.

**STOP**— Use to cancel any oven mode previously entered except the time of day and minute timer. Press **STOP** to stop cooking. **STOP** also controls the Oven Lockout feature.

## Minimum and Maximum Control Pad Settings

All of the features listed below have minimum and maximum time or temperature settings that may be entered into the control. An ENTRY acceptance beep will sound each time a control pad is touched (the Oven Lockout pad is delayed 3 seconds).

An ENTRY ERROR tone (3 short beeps) will sound if the entry of the temperature or time is below the minimum or above the maximum settings for the feature.

FEATURE		MINIMUM TEMP. /TIME	MAXIMUM TEMP. /TIME
PREHEAT TEMP.		170°F/77°C	550°F/288°C
BAKE, CAKES, BREADS TEMP.		170°F/77°C	550°F/288°C
BROIL TEMP.		400°F/205°C	550°F/288°C
KITCHEN TIMER	12 Hr. Mode	0:01 Min.	11:59 Hr./Min.
	24 Hr. "	0:01 Min.	11:59 Hr./Min.
CLOCK TIME	12 Hr. "	1:00 Hr./Min.	12:59 Hr./Min.
	24 Hr. "	0:00 Hr./Min.	23:59 Hr./Min.
COOK TIME	12 Hr. "	0:01 Min.	11:59 Hr./Min.
	24 Hr. "	0:01 Min.	11:59 Hr./Min.
DELAY START	12 Hr. "	1:00 Hr./Min.	12:59 Hr./Min.
	24 Hr. "	0:00 Hr./Min.	23:59 Hr./Min.
CLEAN TIME		2 hours	4 hours
CONVECTION BAKE		170°F/77°C	550°F/288°C
CONVECTION ROAST		170°F/77°C	550°F/288°C



# Setting Oven Controls

## Setting the Clock







The  pad is used to set the clock. The clock may be set for 12 or 24 hour time of day operation. The clock has been preset at the factory for the 12 hour operation. When the range is first plugged in, or when the power supply to the range has been interrupted, the timer in the display will flash (See Fig. 1).



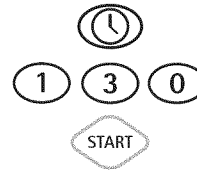
Figure 1

### INSTRUCTIONS

#### To set the clock (example below for 1:30)

1. Press . "CLO" will appear in the display (Figure 2).
2. Press    pads to set the time of day to 1:30 (Figure 3). "CLO" will stay in the display. Press . "CLO" will disappear and the clock will start (Figure 4).

### PRESS



### DISPLAY







Figure 2



Figure 3

#### Changing between 12 or 24 hour time of day display

1. Press and hold  for 7 seconds. "CLO" will appear in the display. "12h" (Figure 5) or "24h" (Figure 6) appears in the display and the control beeps once.
2. Press  to switch between the 12 and 24 hour time of day display. The display will show either "12h" (Figure 5) or "24h" (Figure 6).
3. Press  to accept the change or press  to reject the change.
4. Reset the correct time as described in **To set the Clock** above. Please note that if the 24 hour time of day mode was chosen, the clock will now display time from 0:00 through 23:59 hours.



for 7 seconds



Figure 4



Figure 5





Figure 6







# Setting Oven Controls (con't)

## Setting Continuous Bake or 12 Hour Energy Saving

The **TIMER**  and **FLEX CLEAN**  pads control the Continuous Bake or 12 Hour Energy Saving features. The oven control has a factory preset built-in 12 Hour Energy Saving feature that will shut off the oven if the oven control is left on for more than 11 hours and 59 minutes. The oven can be programmed to override this feature for Continuous Baking.

### INSTRUCTIONS

#### To set the control for Continuous Bake or 12 Hour Energy Saving features

1. Press and hold  for 7 seconds (Figure 1). After 7 seconds "12h" or "- -h" will appear in the display and the control will beep once.
2. Press  to switch between the 12 Hour Energy Saving and continuous bake features. Note: "12h" (Figure 2) in the display indicates the control is set for the 12 Hour Energy Saving mode and "- -h" indicates the control is set for the Continuous Bake feature (Figure 3).
3. Press  to accept the change (Figure 4; display will return to time of day) or press  to reject the change.

### PRESS

 for 7 seconds





or 

### DISPLAY



Figure 1



Figure 2




Figure 3








Figure 4

## Setting Kitchen Timer

The **TIMER**  pad controls the Kitchen Timer feature. The Kitchen Timer serves as an extra timer in the kitchen that will beep when the set time has run out. It does not start or stop cooking. The Kitchen Timer feature can be used during any of the other oven control functions. Refer to "Minimum and Maximum Control Pad Settings" for time amount settings.

### INSTRUCTIONS

#### To set the Kitchen Timer (example for 5 minutes)

1. Press . "--:--" will appear and "TIMER" will flash in the display (Figure 5).
2. Press the number pads to set the desired time in the display (example ). Press . The time will begin to count down with "5:00" and "TIMER" will stay in the display (Figure 6). Note: If  is not pressed the timer will return to the time of day after 25 seconds.
3. When the set time has run out, "End" and "TIMER" will show in the display (Figure 7). The clock will sound with 3 beeps every 5 seconds until  is pressed.

### PRESS





### DISPLAY



Figure 5



Figure 6






Figure 7

#### To cancel the Kitchen Timer before the set time has run out

Press . The display will return to the time of day.




## To Set Add 1 Minute Feature

The  ADD 1 MINUTE pad is used to set the Add 1 Minute feature. When the  pad is pressed, 1 minute is added to the Kitchen Timer feature if this feature is already active. If the Kitchen Timer feature is not active and the  pad is pressed, the Kitchen Timer feature will become active and will begin counting down from 1 minute.

## Consumer Defined Control


Note: The Consumer Defined Control features are adjustments to the control that will not affect cooking results. These include the Oven Lockout, Temperature Display and Silent Control Operation features

### Setting Oven Lockout Feature

The  pad controls the Oven Lockout feature. The Oven Lockout feature automatically locks the oven door and prevents the oven from being turned on. It does not disable the clock, Kitchen Timer or the interior oven lights.

#### INSTRUCTIONS

##### To activate the Oven Lockout feature

1. Press and hold  for 3 seconds.
2. After 3 seconds "Loc" will appear, a beep will sound and "DOOR LOCKED" will flash in the display. Once the oven door is locked the "DOOR LOCKED" indicator will stop flashing and remain on along with the "Loc" (Figure 1).

#### PRESS


 for 3  
seconds

#### DISPLAY



Figure 1

##### To reactivate normal oven operation:



1. Press and hold  for 3 seconds. A beep will sound. The "DOOR LOCKED" will flash in the display until the oven door has completely unlocked (Figure 2).
2. The wall oven is again fully operational.

 for 3  
seconds







Figure 2

### Setting Silent Control Operation

The **DELAY TIME**  and **FLEX CLEAN**  pads control the Silent Control operation feature. The Silent Control operation feature allows the oven control to be operated without sounds or beeps whenever necessary. If desired the control can be programmed for silent operation and later returned to operating with all the normal sounds and beeps.

#### INSTRUCTIONS

##### To change control from normal sound operation to silent control operation

1. To tell if your range is set for normal or silent operation press and hold . "--:--" will appear and "DELAY" will flash in the display (Figure 3). After 7 seconds "SP" (Speaker) will appear in the display (Figure 4).
2. Press  to switch between normal sound operation and silent operation mode. The display will show either "SP" (Figure 4) or "--:--" (Figure 5).  
If "SP" appears (Figure 4), the control will operate with normal sounds and beeps. If "--:--" appears (Figure 5), the control is in the silent operation mode.
3. Press  to accept the change or press  to reject the change.

#### PRESS

  
for 7 seconds



 or 

#### DISPLAY

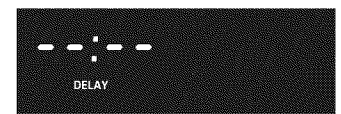


Figure 3



Figure 4

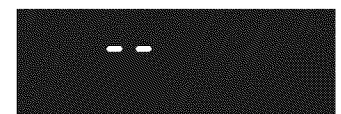




Figure 5

**Note:** The control will always beep at the end of a kitchen timer and will beep when a set temperature has been reached, even if the control is set to silent operation.





# Consumer Defined Control Features

## Setting Temperature Display — Fahrenheit or Celsius:

The **BROIL**  and **FLEX CLEAN**  pads control the Fahrenheit or Celsius temperature display modes. The oven control can be programmed to display temperatures in Fahrenheit or Celsius. The oven has been preset at the factory to display in Fahrenheit.

### INSTRUCTIONS

#### To change display from Fahrenheit to Celsius or Celsius to Fahrenheit

1. To tell if the display is set for Fahrenheit or Celsius press  (Figure 1) and hold for 7 seconds; "550°" will appear and "BROIL" will flash in the display and a beep will sound. If "F" appears, the display is set to show temperatures in Fahrenheit (Figure 2). If "C" appears, the display is set to show temperatures in Celsius (Figure 3).
2. Press  to switch between Fahrenheit or Celsius display modes. The display will show either "F" (Figure 2) or "C" (Figure 3).
3. Press  to accept the change or press  to reject the change.

### PRESS

  
for 7seconds



 or 

### DISPLAY



Figure 1



Figure 2



Figure 3

## Setting Oven Controls

### Important Things to Know Before Setting any Basic Oven Cooking Function

This appliance has been factory pre-set to start any **BAKE, CONV BAKE, CONV ROAST, PREHEAT, CAKE** or **BREAD** function with the oven set temperature automatically set for 350°F. However if desired, the oven set temperature may be adjusted at any time during the cooking process. You may also choose to add a **COOK TIME** or **DELAY START** with any of the functions listed above.


### Temperature Visual Display

Your oven is equipped with a temperature visual display. When a cooking mode is set, the actual temperature will be shown in the display and will rise as the unit preheat. When the unit has reached its target temperature, a chime will sound to remind you to place the food in the oven. This feature will be active with some cooking modes; bake, convection bake, convection roast, cakes and breads.

NOTE: The lowest temperature that can be displayed is 100°F.







# Setting Oven Controls

## Setting Preheat


The **PREHEAT**  pad controls the Preheat feature. The Preheat feature will bring the oven up to temperature and then indicate when to place the food in the oven. Use this feature when recipes call for preheating. Preheating is not necessary when roasting or cooking casseroles. The oven can be programmed to preheat at any temperature between 170°F to 550°F.

### INSTRUCTIONS

#### To set the Preheat temperature for 375°F






1. Arrange the interior oven racks.
2. Press . "350" and "BAKE" will appear in the display (Figure 1). Note that if a preheat of 350°F is needed, press .
3. Press   . "375°" and "BAKE" will appear in the display (Figure 2).
4. Press . "BAKE" will appear in the display. "PRE" and the actual oven temperature shown in the display will alternate as the oven heats and reaches 375°F (Figure 3).

Note: After the oven has reached the desired temperature (this example, 375°F) the control will beep and the "PRE" light will turn off and oven target temperature will be displayed (Figure 4). If you missed hearing the beep, you can tell that the oven has reached preheat temperature if you see the oven temperature showing in the oven display. Once the oven has preheated, **PLACE FOOD IN THE OVEN**. The "BAKE" light will stay on.


Press  when baking is complete or to cancel the preheat feature.

#### To change Preheat temperature while oven is preheating (example: changing from 375°F to 425°F)

If it is necessary to change the preheat temperature while the oven is preheating to the original temperature:

1. While preheating, press . "375" and "BAKE" will appear in the display (Figure 5)
2. Enter the new preheat temperature. Press   . "425°" and "BAKE" will appear in the display (Figure 6).
3. Press . "BAKE" will appear in the display. "PRE" and the actual oven temperature shown in the display will alternate as the oven heats and reaches 425°F (Figure 7).

Note: A beep will sound once the oven temperature reaches 425°F and the display will show "425°" and "BAKE" (Figure 8).

4. When baking is complete press .

**Note:** While in preheat mode, the convection fan will be activated during the first rise of temperature to allow the oven to reach its target temperature faster. The Bake, Broil and Convection elements will also cycle for a better heat distribution.

### PRESS

### DISPLAY



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7





Figure 8









# Setting Oven Controls


## Setting Bake

The **BAKE**  pad controls normal baking. If preheating is necessary, refer to the  Preheat Feature for instructions. The oven can be programmed to bake at any temperature from 170° F to 550° F (the sample shown below is for 350°F).






### INSTRUCTIONS

#### To set the Bake Temperature to 375°F

1. Arrange interior oven racks and place food in oven.
2. Press , "350" will appear and "BAKE" will flash in the display (Figure 1). If a bake of 350°F is needed, press .
3. Press    (Figure 2). "BAKE" will continue to flash and "375" will appear in the display.
4. Press . The actual temperature will be displayed (Figure 3). A beep will sound once the oven temperature reaches 375°F and the display will show "375" and "BAKE" (Figure 4).

Pressing  will cancel the Bake feature at any time.

#### To change the Bake Temperature (example: changing from 375°F to 425°F)

1. After the oven has already been set to bake at 375°F and the oven temperature needs to be changed to 425°F, press  (Figure 5) and "375" will appear and "BAKE" will flash in the display.
2. Press    (Figure 6). "BAKE" will continue to flash and "425" will appear in the display.
3. Press .

**Note:** During the first rise of temperature, the convection fan will be activated to allow the oven to reach its target temperature faster. The Bake, Broil and Convection elements will also cycle for a better heat distribution.

### PRESS











### DISPLAY



Figure 1



Figure 2



Figure 3



Figure 4



Figure 5




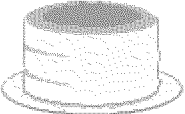
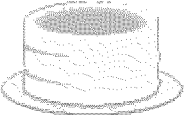
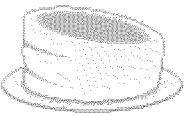
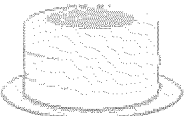
Figure 6

# Setting Oven Controls (cont'd)

## Oven Baking


For best cooking results, pre-heat the oven before baking cookies, breads, cakes, pies or pastries, etc.

The cooking times and temperatures needed to bake a product may vary slightly from your previously owned appliance. If you feel your oven is too hot or too cold, you can adjust its temperature. Refer to the "Adjusting oven temperature" section.

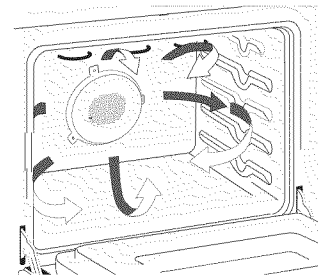
Baking Problems and Solutions Chart		
Baking Problems	Causes	Corrections
<p><b>Cookies and biscuits burn on the bottom.</b></p> 	<ul style="list-style-type: none"> <li>• Cookies and biscuits put into the oven before the preheating time is completed.</li> <li>• Oven rack overcrowded.</li> <li>• Dark pan absorbs heat too fast.</li> </ul>	<ul style="list-style-type: none"> <li>• Allow oven to preheat to the selected temperature before placing food in oven.</li> <li>• Choose pan sizes that will permit 2" to 4" (5.1 cm to 10.2 cm) of air space on all sides when placed in the oven.</li> <li>• Use a medium-weight aluminum baking sheet.</li> </ul>
<p><b>Cakes too dark on top or bottom.</b></p> 	<ul style="list-style-type: none"> <li>• Cakes put into the oven before preheating time is completed.</li> <li>• Rack position too high or low.</li> <li>• Oven too hot.</li> </ul>	<ul style="list-style-type: none"> <li>• Allow oven to preheat to the selected temperature before placing food in the oven.</li> <li>• Use proper rack position for baking needs.</li> <li>• Set oven temperature 25°F/12°C lower than recommended.</li> </ul>
<p><b>Cakes not done in the center.</b></p> 	<ul style="list-style-type: none"> <li>• Oven too hot.</li> <li>• Incorrect pan size.</li> <li>• Pan not centered in oven.</li> </ul>	<ul style="list-style-type: none"> <li>• Set oven temperature 25°F/12°C lower than recommended.</li> <li>• Use pan size suggested in recipe.</li> <li>• Use proper rack position and place pan so there is 2" to 4" (5.1 cm to 10.2 cm) of space on all sides of pan.</li> </ul>
<p><b>Cakes not level.</b></p> 	<ul style="list-style-type: none"> <li>• Range not level.</li> <li>• Pan too close to oven wall or rack overcrowded.</li> <li>• Pan warped.</li> </ul>	<ul style="list-style-type: none"> <li>• Place a marked glass measuring cup filled with water on the center of the oven rack. If the water level is uneven, refer to the installation instructions for leveling the appliance.</li> <li>• Be sure to allow 2" to 4" (5.1 cm to 10.2 cm) of clearance on all sides of each pan in the oven.</li> <li>• Do not use pans that are dented or warped.</li> </ul>
<p><b>Foods not done when cooking time is up.</b></p> 	<ul style="list-style-type: none"> <li>• Oven too cool.</li> <li>• Oven overcrowded.</li> <li>• Oven door opened too frequently.</li> </ul>	<ul style="list-style-type: none"> <li>• Set oven temperature 25°F/12°C higher than suggested and bake for the recommended time.</li> <li>• Be sure to remove all pans from the oven except the ones to be used for baking.</li> <li>• Open oven door only after shortest recommended baking time.</li> </ul>

# Setting Oven Controls

## Setting Convection Bake

The **CONVECTION BAKE**  pad controls the Convection Bake feature. Use the Convection Bake feature when cooking speed is desired. The oven can be programmed for Convection baking at any temperature between 170° F (77° C) to 550° F (288° C).

Convection baking uses a fan to circulate the oven's heat evenly and continuously within the oven (See Figure 1). This improved heat distribution allows for fast, even cooking and browning results. It also gives better baking results when using 2 or 3 racks at the same time. Breads and pastries brown more evenly. Convection bake cooks most foods faster and more evenly than conventional bake. This oven is equipped with multiple fan speeds for even cooking when baking and better tasting meats when roasting. It will use a slower fan speed for convection baking. The slow fan speed slowly and evenly moves the air through the cavity and produce lighter flakier crusts for pies and evenly brown cookies.



**Air circulation during Convection Bake**

Figure 1

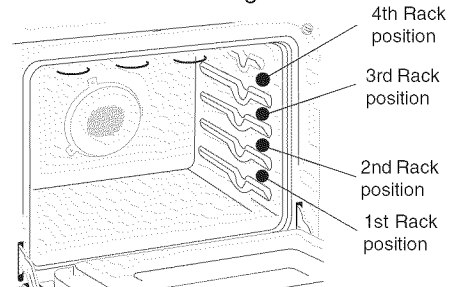


Figure 2

### General Convection Bake Instructions







1. Time reductions will vary depending on the amount and type of food to be cooked. Cookies and biscuits should be baked on pans with no sides or very low sides to allow heated air to circulate around the food. Food baked on pans with a dark finish will cook faster.
2. Preheating is not necessary when cooking casseroles with Convection Bake.
3. When using Convection Bake with a single rack, place oven rack in position 2 or 3. If cooking on multiple racks, place the oven racks in positions 2 and 4.

#### Benefits of Convection Bake:

- Multiple rack baking.
- No special pans or bakeware needed.

### INSTRUCTIONS

#### To set the oven for Convection Bake and temperature to 375°F

1. Arrange interior oven racks and place food in oven.
2. Press . "CONV BAKE" will flash and "350" will appear in the display (Figure 3). If a Conv Bake of 350°F is needed, press .
3. Press   . "CONV BAKE" will keep flashing and "375" will appear in the display (Figure 4).
4. Press . The actual oven temperature will be displayed. "CONV BAKE" will stop flashing and the fan icon will appear in the display (Figure 5).

### PRESS

### DISPLAY



Figure 3




Figure 4



Figure 5

Note: The convection fan will start AS SOON AS the oven is set for Convection Bake. The display will show an icon of rotating fan within a square. This rotating fan icon indicates when the Convection Fan is operating. The Bake, Broil and Convection elements will also cycle for a better heat distribution.

Press  to stop Convection Bake or cancel Convection Bake at any time.





# Setting Oven Controls

## Setting Convection Roast

This method of cooking enables you to obtain the best results when roasting. The oven can be programmed to convection roast at any temperature from 170°F to 550°F (77°C to 288°C). Remember to use tested recipes with times adjusted for convection roasting when using the convection mode. Times may be reduced by as much as 30% when using the convection feature. This oven is equipped with multiple fan speeds for even cooking when baking and better tasting meats when roasting. It will use a faster fan speed for roasting which will quickly strip the cold air away from the meats replacing it with warm air (making a crisp outside - type of searing) sealing in juices for better tasting meats.

### INSTRUCTIONS

### PRESS

### DISPLAY

#### To Set the oven to Convection Roast at 375°F








1. Arrange oven racks.
2. Press ; "350" will be displayed; **CONV ROAST** will flash (Figure 1).
3. Enter the desired roasting temperature using the number pads      (Figure 2).
4. Press ; The actual oven temperature will be displayed, **CONV ROAST** and the fan icon will be displayed (Figure 3). The Bake, Broil and Convection elements will also cycle for a better heat distribution.



Figure 1



Figure 2

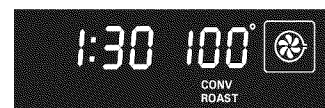


Figure 3

#### To Change the Convection Roast temperature (example: changing from 375°F to 425°F)









1. Press ; "375" will be displayed; **CONV ROAST** will flash (Figure 2).
2. Enter the desired roasting temperature using the number pads      (Figure 4).
3. Push ; the current oven temperature, **CONV ROAST** and the fan icon will be displayed.




Figure 4


After the oven has reached the desired temperature, the control will beep and **CONV ROAST** light will stay on. **Note:** The Bake, Broil and Convection elements will cycle for a better heat distribution.

When convection roasting is complete press .




## Setting Convection Convert

The  **CONV CONVERT** pad is used to automatically convert a standard **baking** recipe for convection baking. When set properly, this feature is designed to display the actual converted (reduced) temperature in the display. Convection Convert may **ONLY** be used with a **Conv Bake**, **Timed Conv Bake** or a **Delay Start** (Delayed Timed Conv Bake) setting. When used with a Timed Bake or a Delay Start (Delayed Timed Bake) setting, the Convection Convert will display a "CF" for check food when the bake time is 75% complete (See Fig. 8). At this time the oven control will sound 3 long beeps at regular intervals until baking had finished. When the bake time has completely finished the control will

display "End" and will sound 3 long beeps every 30 seconds until the  pad is pressed.

#### To change from a normal bake recipe to a convection bake recipe (example: changing a 400°F normal bake recipe to a convection bake recipe)

When the conv bake mode is on at 400°F (Figure 6), press . "CONV BAKE" and the oven temperature **adjustment** will appear briefly in the display (for this example it is 375°F) (Fig. 7) then the actual oven temperature will be displayed. A beep will sound once the **adjusted** oven temperature is reached. The display will show "375°", "CONV BAKE" and the fan icon (Fig. 7).

**NOTE:** When using a Cook Time, the convection convert will not operate if you have a timed bake under 20 minutes.



Figure 6




Figure 7



Figure 8

# Setting Oven Controls

## Setting the Slow Cook Feature

The  **SLOW COOK** pad is used to activate this feature. The Slow Cook feature may be used to cook foods more slowly, at lower oven temperatures and provides cooking results much the same way as a Slow Cooker or Crock-Pot. The Slow Cook feature is ideal for roasting beef, pork & poultry. Slow Cooking meats may result in the exterior of meats becoming dark but not burnt. This is normal.





There are 2 settings available, high (HI) or low (LO). The maximum cook time for the Slow Cook feature is 12 hours unless the oven control has been changed to the Continuous Bake mode. This feature may be used with the additional settings of a **Timed Bake** Slow Cook (see **Timed Bake** beginning with step 5-7) or a **Delayed Start Bake** Slow Cook (see **Delayed Start Bake** steps 6-10).

Below is a list of preparation and cooking tips you should review for best possible results using Slow Cook:

- Completely thaw all frozen foods before cooking with the Slow Cook feature.
- When using a single rack, place in position 2 or 3 (see figure 1 on page 15).
- Position multiple racks to accommodate size of cooking utensils when cooking multiple food items.
- Do not open the oven door often or leave the door open when checking foods. If the oven heat escapes often, the Slow Cook time may need to be extended.
- Cover the foods to keep them moist or use a loose or vented type cover to allow foods to turn crisp or brown.
- Cook times will vary; depending on the weight, fat content, bone & the shape of the meat.
- Use the recipe's recommended food temperature and a food thermometer to determine when the food is done.
- Preheating the oven will not be necessary when using the Slow Cook feature.
- Add any cream or cheese sauces during the last hour of cooking.

### INSTRUCTIONS

#### To Program the Oven to begin baking with the Slow Cook feature

1. Place the food in the oven.
2. Press . "SLO" and "HI" will appear in the display. The Slow Cook feature will be set to the high setting. This setting is best for cooking foods from a 4 to 5 hour time period (Figure 1).
4. Press again  to set the Slow Cook feature to the low setting (**Lo** will appear in the display). This setting is best for cooking foods from a 8 to 9 hour time period (Figure 2).
5. Press  (Figure 3).
6. If desired, add any **Timed Bake** or **Delayed Start Bake** settings at this time.
7. To cancel the Slow Cook feature press  at any time.

### PRESS

### DISPLAY



Figure 1



Figure 2






Figure 3



# Setting Oven Controls

## Setting Timed Bake, Timed Convection Bake or Timed Convection Roast

The **BAKE**  or **CONVECTION BAKE**  or **CONVECTION ROAST**  and **OVEN COOK TIME**  pads control the Timed Bake feature. The automatic timer of the Timed Bake feature will turn the oven OFF after cooking for the desired amount of time you selected.

### INSTRUCTIONS

### PRESS

### DISPLAY

#### To program the oven to begin baking immediately and to shut off automatically (example: BAKE at 350°F for 30 minutes)







1. Be sure the clock is set for the correct time of day.
2. Arrange interior oven rack(s) and place the food in the oven.
3. Press , "350" will appear and "BAKE" will flash in the display (Figure 1).
4. Press . "BAKE" and the actual oven temperature will appear in the display (See Figure 2).
5. Press . "TIMED" will flash; "BAKE", "--:--" and the actual temperature will appear in the display (Figure 3).
6. Enter the desired baking time by pressing   (Figure 4).  
Note: Baking time can be set for any amount of time between 1 minute to 11 hours and 59 minutes.
7. Press . Both the "TIMED" and "BAKE" icons will remain on in the display and the actual oven temperature will be displayed (Figure 5). Once the Timed Bake feature has started, the current time of day will appear in the display.



Figure 1



Figure 2

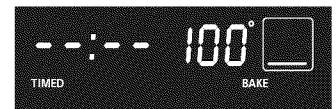



Figure 3




Figure 4



Figure 5

Note: After the Timed Bake feature has activated, press  to display the bake time remaining in the Timed Bake mode. Once Timed Bake has started baking, a beep will sound when the oven temperature reaches the set temperature.

Press  when baking has finished or at any time to cancel the Timed Bake feature.

#### When the timed bake finishes:


1. "End" and the time of day will show in display. The oven will shut off automatically (Figure 6).
2. The control will beep 3 times. The control will continue to beep 3 times every 30 seconds until  is pressed.







Figure 6

**CAUTION** Use caution with the **DELAY START** (Delayed Timed Bake) features. Use the automatic timer when cooking cured or frozen meats and most fruits and vegetables. 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. Eating spoiled food can result in sickness from food poisoning.

# Setting Oven Controls

## Setting Delayed Timed Bake or Delayed Timed Convection Bake













The **BAKE**  or **CONVECTION BAKE** , **OVEN COOK TIME**  and **DELAY START**  pads control the Delayed Time Bake feature. The automatic timer of the Delayed Time Bake will turn the oven **on and off** at the time you select in advance. **Note:** If your clock is set for normal 12 hour display mode the Delayed Timed Bake or Delayed Timed Convection Bake cycle can never be set to start more than 12 hours in advance. To set for Delayed Timed Bake or Delayed Timed Convection Bake 12-24 hours in advance set the control for the 24 hour time of day display mode.

### INSTRUCTIONS


### PRESS

### DISPLAY

**To program the oven for a delayed BAKE start time and to shut off automatically (example: baking at 350°F, starting at 5:30 and baking for 30 minutes)**

1. Be sure that the clock is set with the correct time of day.
2. Arrange interior oven rack(s) and place the food in the oven.
3. Press . "350" will appear and "BAKE" will flash in the display (Figure 1).
4. Press . "BAKE" and the actual oven temperature will stay in the display (See Figure 2).
5. Press . "TIMED" will flash, "--:--" will appear and "BAKE" and the actual oven temperature will remain in the display (Figure 3).
6. Enter the desired baking time using the number pads by pressing   . "TIMED" will flash; "BAKE", "--:30" and the actual oven temperature will appear in the display (Figure 4). Note: Baking time can be set for any amount of time from 1 minute to 11 hours and 59 minutes.
7. Press . "TIMED", "BAKE" and the actual oven temperature will remain in the display (Figure 5).
8. Press . "DELAY" will flash in the display. Enter the desired start time using the number pads    (Figure 6).
9. Press . When Delayed Time Bake starts, the set oven temperature will appear, "DELAY", "BAKE" and the current time of day will appear in the display (Figure 7).
10. When the desired start time is reached, the actual oven temperature appears in display and "DELAY" disappears. Oven starts to bake at the previously selected temperature (Figure 8).

Note: Once Delayed Time Bake has started, press  to display the bake time remaining. Once the Delayed Timed Bake has started baking, a beep will sound when the oven temperature reaches the set temperature.

Press  when baking has completed or at any time to cancel the Delayed Time Bake feature.

#### When the set bake time runs out:


1. "End" will appear in the display and the oven will shut off automatically (Figure 9).
2. The control will beep 3 times. The control will continue to beep 3 times every 30 seconds until  is pressed.



Figure 1



Figure 2

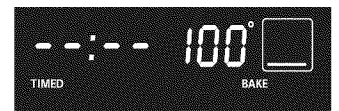


Figure 3



Figure 4



Figure 5



Figure 6



Figure 7





Figure 8



Figure 9

# Setting Oven Controls (cont'd)

## Setting the Food Categories Feature:

The **CAKES**  and **BREADS**  pads in the Food Categories feature are used when cooking certain food items. These pads have been designed to give optimum cook performance for the foods selected in each category.

The **CAKES** pad provides a preheat with a gentle cycling of heat giving cakes more volume and allowing delicate foods to cook more evenly.







The **BREADS** pad adds a preheat feature to the bake cycle to thoroughly heat the oven from top to bottom to give more evenly browned foods. Refer to (Figure 4) for foods to cook in each category.


### INSTRUCTIONS

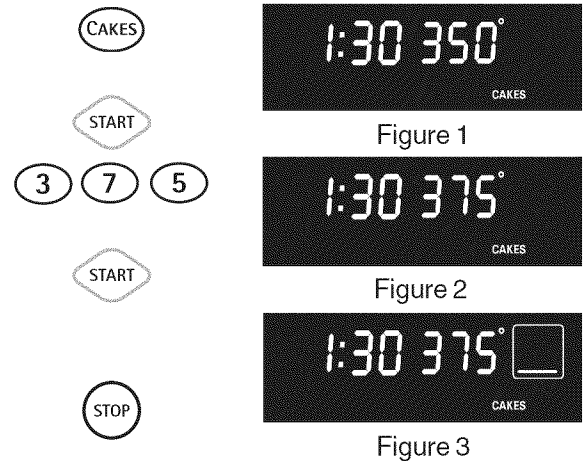
### PRESS

### DISPLAY

#### To set the Food Categories feature (example: for Cakes to cook at 375°F)

1. Arrange interior oven racks and place food in oven.
2. Press . "CAKES" will flash and "350°" will be displayed (See Figure 1). Note that if a bake temperature of 350°F is needed, simply press .
3. Press   . "CAKES" will flash and "375°" will appear in the display (See Figure 2).
4. Press . "CAKES" will stop flashing and "375°" will remain in the display (See Figure 3).

Press  to stop cooking Cakes or Breads, or to cancel cooking Cakes or Breads at any time.



ENGLISH


**Recommended foods to be cooked in each category**

<u>Cakes</u>	<u>Breads</u>
Cakes	Breads
Brownies	Rolls
Pies (fresh & frozen)	Biscuits
Baked Custards	Muffins
Cheesecake	Cornbread

Figure 4

# Setting Oven Controls (cont'd)

## Setting the Warm & Hold™ Feature




The **Warm & Hold**  pad turns ON the Warm & Hold feature and will maintain an oven temperature of 170°F (77°C).

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. The Warm & Hold feature may be used without any other cooking operations or can be used after cooking has finished using BAKE, CONVECTION BAKE, CONVECTION ROAST.

The Warm & Hold feature may be used with TIMED BAKE if you wish to have the Warm & Hold feature turn ON automatically when cooking has finished. The Timed Bake features require you to set start time and the amount of cooking time. With this information the control can calculate the time when cooking will complete and can then start the Warm & Hold feature automatically.

### INSTRUCTIONS

#### To set Warm & Hold

1. Arrange interior oven racks and place food in oven.
2. Press . "HLd" will appear in the display (Figure 1).  
Note: If no pad is touched within 25 seconds the request to turn ON Warm & Hold feature will be cancelled.
3. Press . The oven icon will appear in the display (Figure 2).
4. To turn the Warm & Hold OFF at any time press .  
**Note:** The Warm & Hold feature will automatically turn OFF after 3 hours.

### PRESS

### DISPLAY



Figure 1



Figure 2

#### 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 Delayed Timed Bake**.
2. Press . (Figure 3)  
Note: If no pad is touched within 25 seconds the request to turn ON Warm & Hold feature all functions previously programmed will be cleared.
3. Press . "HLd" will disappear and the temperature will be displayed (Figure 4). The Warm & Hold mode is set to turn ON automatically after Timed Bake has finished (See Figure 2).
4. To turn the Warm & Hold feature OFF at any time press .




Figure 3



Figure 4



**Note:** The Warm & Hold feature will automatically turn OFF after 3 hours.

Pressing  at any time will stop all oven baking operations.



# Setting Oven Controls

## Setting Broil

The **Broil** pad controls the Broil feature. When broiling, heat radiates downward from the oven broiler for even coverage. The Broil feature temperature may be set between 400°F and 550°F. An optional Searing Grill for searing meats is available via the enclosed mail-in card (Figure 6). The optional broil pan and broil pan insert used together allow dripping grease to drain and be kept away from the high heat of the oven broiler. **DO NOT** use the broil pan without the insert (See Figure 5). **DO NOT cover the broil pan insert with foil.** The exposed grease could catch fire.

**⚠ WARNING** Should an oven fire occur, leave the oven door closed and turn off the oven. If the fire continues, throw baking soda on the fire or use a fire extinguisher. **DO NOT** put water or flour on the fire. Flour may be explosive and water can cause a grease fire to spread and cause personal injury.

### INSTRUCTIONS

#### To set the oven to broil at 500°F

- Place the broiler pan insert on the broiler pan. Then place the food on the broiler pan insert. **DO NOT** use the broiler pan without the insert. **DO NOT** cover the broiler insert with foil. The exposed grease could ignite.
- Arrange the interior oven rack and place the broiler pan on the rack. Be sure to center the broiler pan directly under the broiler element. **Make sure the oven door is in the broil stop position (See Figure 4).**
- Press **Broil**. "BROIL" will flash and "550" will appear (Figure 1).
- Press **5 0 0**.
- If a lower broil temperature is desired (minimum broil temperature setting is 400°F), press the desired temperature before continuing to step 6.
- Press **START**. The oven will begin to broil. "BROIL" and "500°" will appear in the display (Figure 2).
- Broil on one side until food is browned; turn and cook on the second side. Season and serve. **Note:** Always pull the rack out to the stop position before turning or removing food.
- To cancel broiling press **STOP** (Figure 3).

### PRESS

### DISPLAY



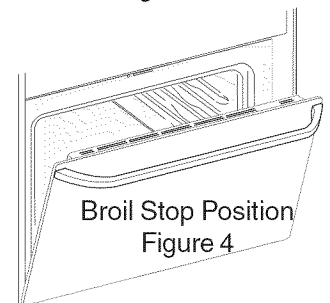
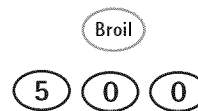
Figure 1



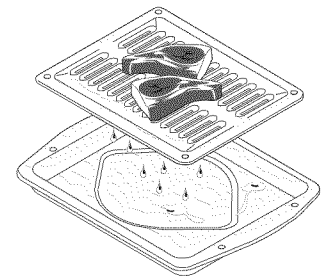
Figure 2



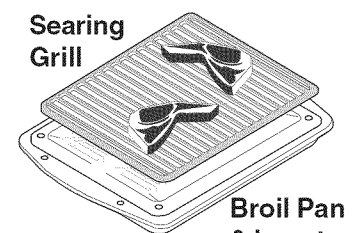
Figure 3



Broil Stop Position  
Figure 4



Supplied with some models  
Figure 5



Broil Pan & insert  
Supplied with some models  
Figure 6

### Broiling Times and Searing Grill (if equipped)




Use the following table for approximate broiling times. Increase or decrease broiling times, or move the broiling pan to a different rack position to suit for doneness. If the food you are broiling is not listed in the table, follow the instructions provided in your cookbook and watch the item closely. Use the Searing Grill for meats and steaks if desired. Before placing the meat, be sure to heat the Searing Grill using Broil for 10 minutes. Cook times should be reduced 1-2 minutes per side when cooking with the Searing Grill. Place Searing Grill on top of Broiler Pan and insert for meats and steaks (See Figure 6).


#### Electric Range Broiling Table Recommendations



Food Item	Rack Position	Temp Setting	Cook Time		Doneness
			1st side	2nd side	
Steak 1" thick	2nd	550° F	6:00	4:00	Rare
	2nd	550° F	7:00	5:00	Medium
Pork Chops 3/4" thick	2nd	550° F	8:00	6:00	Well
Chicken - Bone In	3rd	450° F	20:00	10:00	Well
Chicken - Boneless	2nd	450° F	8:00	6:00	Well
Fish	2nd	500° F	13:00	n/a	Well
Shrimp	3rd	550° F	5:00	n/a	Well
Hamburger 1" thick	2nd	550° F	9:00	7:00	Medium
	3rd	550° F	10:00	8:00	Well




# Setting Oven Controls

## To Set the Sabbath Feature (for use on the Jewish Sabbath & Holidays)

The  **COOK TIME** and  **DELAY START** pads are used to set the Sabbath feature. The Sabbath feature may only be used with the  pad. The oven temperature may be set higher or lower after setting the Sabbath feature (the oven temperature adjustment feature should be used only during Jewish Holidays), however the display will not visibly show or provide any audible tones indicating whether the change occurred correctly. Once the oven is properly set using Bake with the Sabbath feature active, the oven will remain continuously ON until cancelled. This will override the factory preset 12-Hour Energy Saving feature.





If the oven light will be needed during the Sabbath, press  before activating the Sabbath feature. Once the oven light is turned ON and the Sabbath feature is active, the oven light will remain ON until the Sabbath feature is turned OFF. If the oven light needs to be OFF, be sure to turn the oven light OFF before activating the Sabbath feature.

**IMPORTANT NOTES:** It is not advised to attempt to activate any other program feature other than **BAKE** while the Sabbath feature is active. ONLY the following key pads will function after setting the Sabbath feature;  to ,

,  & . **ALL OTHER KEYPADS** should not be used once the Sabbath feature is properly activated.

### INSTRUCTIONS

#### To Program the Oven to Begin Baking Immediately & activate the Sabbath feature (example: baking at 350°F)

1. Be sure that the clock is set with the correct time of day.
2. Place the food in the oven.
3. Press . "350°" appears in the display.
4. Press . The actual oven temperature appears in the display (Figure 1).
5. If you desire to set the oven control for a **Timed Bake** or **Delayed Start Bake** do so at this time. If not, skip this step and continue to step 7. Refer to the **Timed Bake** (complete steps 5-7) / **Delayed Start Bake** (complete steps 6-10) section for complete instructions. Remember the oven will shut down after using **Timed Bake** or **Delay Start Bake** and therefore may only be used once during the Sabbath/Jewish Holidays. The maximum **Delayed Start Bake** time is 11 hours & 59 minutes.
6. The oven will turn ON and begin heating.
7. Press and hold both the  and  pads for at least 3 seconds. **SAb** will appear in the display (Figure 2). Once SAb appears in the display the oven control will no longer beep or display any further changes and the oven is properly set for the Sabbath feature.

### PRESS

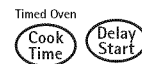
### DISPLAY











Figure 1



Figure 2



**Note:** You may change the oven temperature once baking has started by pressing , the numeric key pads for the temperature you want (example for 425°C press , , ) and then pressing  TWICE (for Jewish Holidays only). Remember that **the oven control will no longer beep or display any further changes** once the oven is set for the Sabbath feature.

8. The oven may be turned OFF at any time by first pressing  pad (this will turn the oven OFF only). To turn OFF the Sabbath feature press and hold both the  and  pads for at least 3 seconds. **SAb** will disappear from the display (Figure 3).

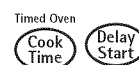




Figure 3



# Setting Oven Controls

## To Set the Sabbath Feature (for use on the Jewish Sabbath & Holidays) (continued)

Should you experience a power failure or interruption, the oven will shut off. When power is returned the oven will not turn back on automatically. If your food was nearly fully cooked, you may allow the trapped heat in the oven to finish the cooking process. Otherwise, you should remove the food when the power failure occurs, because you may only start the oven once during the Sabbath/Jewish Holidays. After the Sabbath observance turn OFF the Sabbath feature and the oven may be used with all normal functions.






After the Sabbath observance turn OFF the Sabbath feature. Press and hold both the  and  pads for at least 3 seconds. **SAb** will disappear from the display and the oven may be used with all normal functions. For further assistance, guidelines for proper usage, and a complete list of models with the Sabbath feature, please visit the web at <http://www.star-k.org>.

## To Set the Recipe Recall Feature

This feature will ONLY recall a **Bake, Convection Bake, Convection roast, Slow Cook, Cakes, Breads, Timed Bake** or a **Timed Bake** with a **Warm & Hold** added setting. This feature will not work with any other function including a **Delayed Timed Bake**, a **Clean Cycle** or a **Broil** setting.

### INSTRUCTIONS

#### To Program the Oven to Begin Baking Immediately and record a Recipe (example: for a Bake mode at 375°C)

1. Place the food in the oven.
2. Press . "350" appears and "BAKE" will flash in the display (Figure 1).
3. Enter the desired roasting temperature using the number pads    (Figure 2).
4. Press and hold  pad for at least 3 seconds or until a beep sounds. The beep indicates that this recipe has been recorded for future recall.

### PRESS

### DISPLAY



Figure 1



for 3 seconds.



Figure 2

#### To Program the Oven to Begin Baking with a stored Recipe





1. Place the food in the oven.
2. Press  " 375 " appears and "BAKE" will flash in the display (Figure 2) and  (Figure 3).



Figure 3

#### To Quickly Erase all Stored Recipes:

1. Press and hold the  key pad until the first single beep sounds (6 seconds).
2. After the first beep press the  key pad once. Any stored recipes will be erased. Please note: Clearing the recipes will also reset all other adjustments back to the factory settings. These include **12 or 24 Hour Time of Day Display, Continuous Bake or 12 Hour Energy Savings mode, Silent Control Operation, Fahrenheit or Celsius Temperature Display** and any Oven Temperature adjustments that are set.

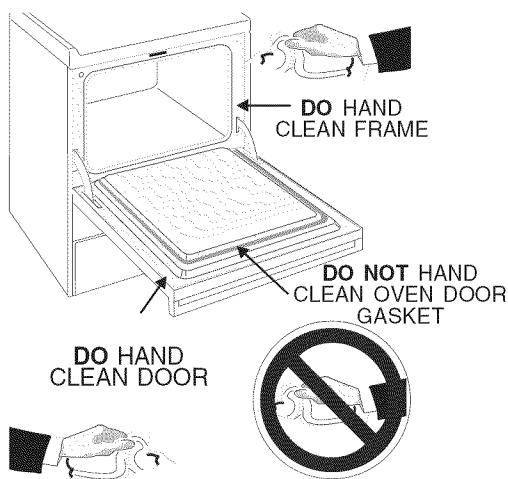
# Self-Cleaning

**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.

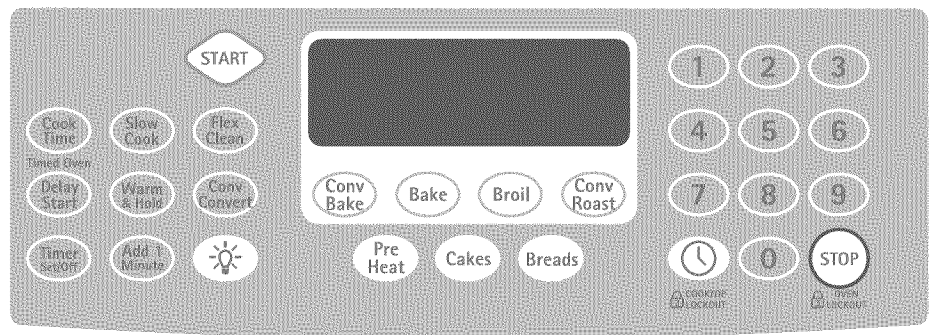
**CAUTION DO NOT** line the oven walls, racks, bottom or any other part of the range with **aluminum foil**. Doing so will destroy heat distribution, produce poor baking results and cause permanent damage to the oven interior (aluminum foil will melt to the interior surface of the oven).

**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**.



**Note:** See additional cleaning information for the oven door in the **General Care & Cleaning** section.

**Note:** If your range is equipped with a warmer drawer, the warmer drawer cannot be used during a self-clean cycle. Warmer drawer must be turned off before the clean cycle is started.



## 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.

### Adhere to the following cleaning 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 and insert, all utensils and any aluminum foil. These items cannot withstand high cleaning temperatures.**
- Porcelain oven racks do not have to be removed. 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 racks glide easier into the rack position).
- **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.

## What to Expect during Cleaning

While the oven is in operation, the oven heats to temperatures much higher than those used in normal cooking. Sounds of metal expansion and contraction are normal. Odor is also normal as the food soil is being removed. Smoke may appear through the oven vent.


If heavy spillovers are not wiped up before cleaning, they may flame and cause more smoke and odor than usual. This is normal and safe and should not cause alarm. If available, use an exhaust fan during the self-cleaning cycle.

**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.


# Self-Cleaning

## What to Expect during Cleaning

While the oven is in operation, the oven heats to temperatures much higher than those used in normal cooking. Sounds of metal expansion and contraction are normal. Odor is also normal as the food soil is being removed. Smoke may appear through the oven vent. If heavy spillovers are not wiped up before cleaning, they may flame and cause more smoke and odor than usual. This is normal and safe and should not cause alarm. If available, use an exhaust fan during the self-cleaning cycle.

The cooktop lockout  feature will be activated during the self-clean and will unlock after the oven has cooled down.

## Self-Clean Cycle Time Length

The **FLEX CLEAN**  pad controls the Self-Cleaning feature. If you are planning to use the oven directly after a self-clean cycle remember to allow time for the oven to cool down and the oven door to unlock. This normally takes about one hour. So a 3 hour self-clean cycle will actually take about 4 hours to complete.










\*It is recommend to use a 2 hour self-clean cycle for **light soils**, a 3 hour cycle for **average soils**, and a 4 hour cycle for **heavy soils** (to assure satisfactory results).

**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**.


### INSTRUCTIONS

#### To set the controls for a 3 hour Self-Cleaning cycle to start immediately and shut off automatically

1. Be sure the clock is set with the correct time of day and the oven door is closed.
2. Press . "CLEAN" will flash and "3:00 HR" will show in the display (Figure 1). The control will automatically clean for a 3 hour period (default self-cleaning cycle time). Note: If a 2 or 4 hour clean time is desired, press    for 2 hour or press    for a 4 hour clean time. Set the cleaning time based on the amount of soil: light, medium or heavy (\* See above).
3. Press . The "DOOR LOCKED" icon will flash; "CLEAN",  icon and the letters "CLn" will remain on in the display (Figure 2).
4. As soon as the control is set, the motor driven oven door lock will begin to close automatically. Once the door has been locked the "DOOR LOCKED" indicator light will stop flashing and remain on. Also, the oven icon will appear in the display (Figure 3).


Note: Allow about 15 seconds for the oven door lock to close.

#### When the Self-Clean Cycle is Completed

1. "HOT" will appear in the display. The time of day, the "DOOR LOCKED" and "CLEAN" icon will remain in the display (Figure 4).
2. Once the oven has cooled down for approximately 1 HOUR, and the "DOOR LOCKED" and  icon is are longer displayed, the oven door can then be opened (Figure 5).

#### Stopping or Interrupting a Self-Cleaning Cycle

If it becomes necessary to stop or interrupt a self-cleaning cycle due to excessive smoke or fire in the oven:

1. Press .
2. The oven door can only be opened after the oven has cooled down for approximately 1 HOUR and the "DOOR LOCKED" icon is no longer displayed (Figure 5).

### PRESS

### DISPLAY

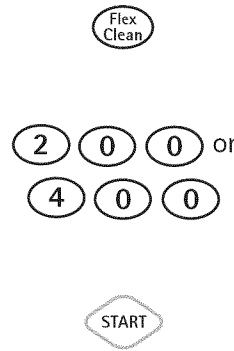


Figure 1



Figure 2



Figure 3





Figure 4



Figure 5














# Self-Cleaning

## To Start the delayed Self-Clean Cycle

The **FLEX CLEAN** , **DELAY START**  pads and length of clean cycle, controls the Delayed Self-Clean operation. The automatic timer will turn the oven **on and off** at the time you select in advance. Be sure to review **TO START THE SELF-CLEAN CYCLE** for recommended clean times.

### INSTRUCTIONS

#### To set the control for the Self-Cleaning Cycle to start at a delayed time and shut off automatically (example: 3 hour self-clean cycle to start at 4:30)

1. Be sure the clock is set with the correct time of day and the oven door is closed.
2. Press . "CLEAN" will flash and "3:00" HR will show in the display (Figure 1). The control will automatically clean for a 3 hour period (default self-cleaning cycle time). Note: If a 2 or 4 hour clean time is desired, press    for 2 hour or press    for a 4 hour clean time. Set the cleaning time based on the amount of soil—light, medium or heavy (\*See previous page).
3. Press . The "DOOR LOCKED" icon will flash; "CLEAN" icon and the letters "CLn" will remain on in the display (Figure 2).
4. Press . Enter the desired start time using the number pads    (Figure 3).
5. Press . "DELAY", "DOOR LOCKED" and "CLEAN" icons will remain on (Figure 4).
6. As soon as the control is set, the motor driven oven door lock will begin to close automatically. Once the door has been locked the "DOOR LOCKED" indicator light will quit flashing and remain on.
7. The control will start the self-cleaning at the set start time, for the period of time previously selected. At that time, the icon "DELAY" will go out; "CLn" and oven icon will appear in the display (Figure 5).

#### When the Self-Clean Cycle is Completed

1. "HOT" will appear in the display. The time of day, the "DOOR LOCKED" and "CLEAN" icon will remain in the display (Figure 6).
2. Once the oven has cooled down for approximately 1 HOUR, and the "DOOR LOCKED" icon is no longer displayed, the oven door can then be opened (Figure 7).

### PRESS

### DISPLAY



Figure 1

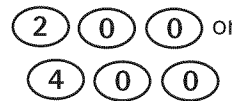


Figure 2



Figure 3

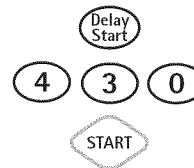


Figure 4



Figure 5



Figure 6




Figure 7

# Self-Cleaning

## INSTRUCTIONS

### Stopping or Interrupting a Self-Cleaning Cycle

If it becomes necessary to stop or interrupt a self-cleaning cycle due to excessive smoke or fire in the oven:

1. Press .
2. Once the oven has cooled down for approximately 1 HOUR and the "DOOR LOCKED" icon is no longer displayed, the oven door can then be opened (Figure 1).

Note: Self-Clean cycle can never be set to start more than 12 hours in advance.

## PRESS



## DISPLAY



Figure 1






# Adjusting Oven Temperature

The temperature in the oven has been pre-set at the factory. When first using the oven, be sure to follow recipe times and temperatures. If you think the oven is cooking too hot or too cool for the temperature you select, you can adjust the actual oven temperature to be more or less than what is displayed. Before adjusting, test a recipe by using a temperature setting that is higher or lower than the recommended temperature. The baking results should help you to decide how much of an adjustment is needed.

**Note:** The oven temperature adjustments made with this feature will not change the Self-Clean cycle temperature or the Broil temperature.

## INSTRUCTIONS

### To adjust the oven temperature higher

1. Press  for 6 seconds (Figure 2).
2. To increase the temperature use the number pads to enter the desired change. (Example 30°F)   (Figure 3). The temperature may be increased as much as 35°F (19°C).
3. Press  to accept the temperature change and the display will return to the time of day (Figure 4). Press  to reject the change if necessary.

## PRESS



## DISPLAY



Figure 2



Figure 3



Figure 4

### To adjust the oven temperature lower







1. Press  for 6 seconds. 0° will appear in the display (Figure 5).
2. To decrease the temperature use the number pads to enter the desired change. (Example -30°F)   and then press  (Figure 6). The temperature may be decreased as much as 35°F (19°C).
3. Press  to accept the temperature change and the display will return to the time of day (Figure 7). Press  to reject the change if necessary.



Figure 5



Figure 6



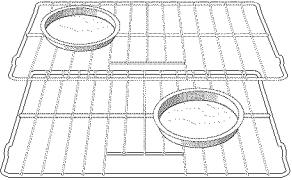

Figure 7

**Note:** The oven temperature adjustments are permanent and will stay forever in the unit memory unless you manually change it again. Even a power outage will not reset these changes. Follow the same procedure again if you wish to change it to a different setting.

# General Care & Cleaning

## Cleaning Various Parts of Your Range

Before cleaning any part of the range, be sure all controls are turned OFF and the range is cool. Remove spillovers and heavy soiling as soon as possible. Regular cleanings now will reduce the extent and difficulty of major cleaning later.

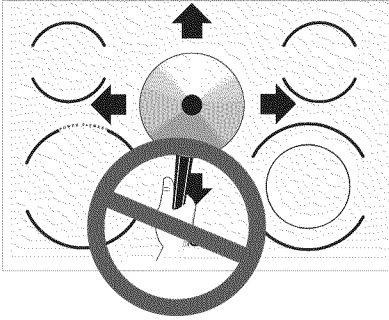
Surfaces	How to Clean
<b>Aluminum &amp; Vinyl Control Panel and Trim Pieces</b>	<p>Use hot, soapy water and a cloth. Dry with a clean cloth.</p> <p>Before cleaning the control panel, turn all controls to OFF and remove the control knobs. To remove, pull each knob straight off the shaft. Clean using hot, soapy water and a dishcloth. Rinse with a clean water and 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. Be sure to rinse the cleaners as bluish stains may occur during heating and cannot be removed. To replace knobs after cleaning, line up the flat sides of both the knob and the shaft; then push the knob into place.</p>
<b>Glass, Painted and Plastic Body Parts, Control Knobs and Decorative Trim Pieces</b>	<p>Using a soft cloth, clean with mild dish detergent and water or a 50/50 solution of vinegar and water. Follow by rinsing the area with clean water; dry and polish with a soft cloth. Glass cleaners may be used if sprayed on a soft cloth first. <b>DO NOT</b> spray liquids directly on the control pad and display area. Do not use large amounts of water on the control panel - excess water on the control area may cause damage to the appliance. Do not use other liquid cleaners, abrasive cleaners, scouring pads, or paper towels - they will damage the finish. 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>
<b>Stainless Steel (some models) Oven door &amp; drawer front panel</b>	<p>Clean with hot, soapy water and dishcloth. Rinse with clean water and 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 off from the surface as bluish stains may occur during heating that cannot be removed.</p>
<b>Oven Racks</b> 	<p>This oven comes with lubricated porcelain oven racks, which can remain in the oven during the self-clean cycle. Do not clean this vegetable oil lubrication off the racks. It is important that the sides of the oven racks always have a light coating of vegetable oil. To maintain optimal rack performance, re-apply a thin layer of vegetable oil to the sides of the rack after every self-clean cycle or when the rack becomes difficult to slide.</p>
<b>Porcelain Enamel Broiler Pan and Insert, Door Liner, Body Parts and Warmer Drawer and Drawer Cavity.</b>	<p>Gentle scouring with a soapy scouring pad will remove most spots. Rinse with a 1:1 solution of clear water and ammonia. If necessary, cover difficult spots with an ammonia-soaked paper towel for 30 to 40 minutes. Rinse with clean water and a damp cloth, and then scrub with a soap-filled 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.</p>
<b>Oven Door</b> 	<p>Use soap &amp; water to thoroughly clean the top, sides and front of the oven door. Rinse well. You may use a glass cleaner on the outside glass of the oven door. <b>DO NOT</b> immerse the door in water. <b>DO NOT spray or allow water or the glass cleaner to enter the door vents.</b> <b>DO NOT</b> use oven cleaners, cleaning powders or any harsh abrasive cleaning materials on the outside of the oven door.</p> <p><b>DO NOT</b> clean the oven door gasket or it will be damaged. 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.</p>

# 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 to the ceramic surface (on the web visit [www.sears.com](http://www.sears.com) for replacement cooktop cleaner, item number 40079). Buff with a **non-abrasive** cloth or **no-scratch** cleaning 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, because 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 use a **non-abrasive** plastic type **no-scratch** cleaning pad to clean the entire cooktop surface. Make sure the cooktop is cleaned thoroughly, leaving no residue.

### For heavy, burned on soil:

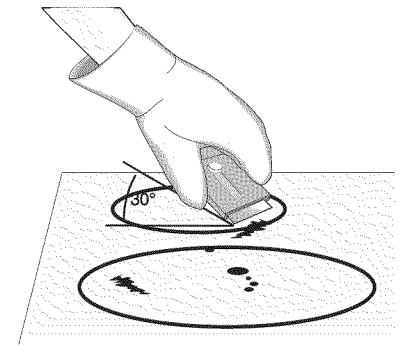
Apply a few drops of CookTop® Cleaning Creme directly to the soiled area. Rub the soiled area using a **non-abrasive** plastic type **no-scratch** cleaning pad, applying pressure as needed. Do not use the pad you use to clean the cooktop for any other purpose.

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

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

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

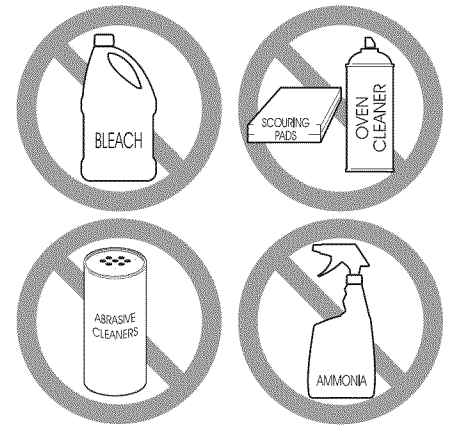
These types of soils need be removed immediately if spilled or melted onto the ceramic cooktop surface. Permanent damage (such as pitting of the cooktop surface) may occur if not removed **immediately**. After turning the surface elements **OFF**, use a razor blade scraper or a metal spatula with a mitt 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 (cont'd)

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.

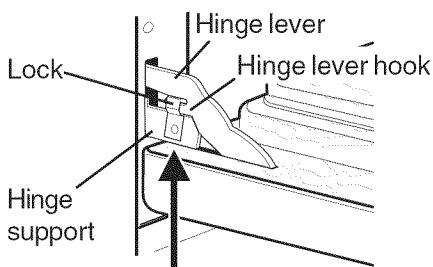


### Special Caution for Aluminum Foil and Aluminum Cooking Utensils

- **Aluminum foil**  
Use of aluminum foil will damage the cooktop. Do not use under any circumstances.
- **Aluminum utensils**  
Since the melting point of aluminum is much lower than that of other metals, care must be taken when aluminum pots or pans are used. Pans that boil dry may permanently damage cooktop by breaking, fusing to, or marking it.

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

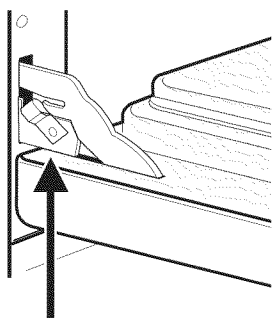
Some models are equipped with stainless steel exterior parts. Special care and cleaning are **required** for maintaining the appearance of stainless parts. Please refer to the table provided at the beginning of the **General Care & Cleaning** section in this Use & Care Guide.



Lock engaged for door removal  
Figure 1



Figure 2



Lock in normal position  
Figure 3

## 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 the door to the fully opened position.
2. Pull up the lock located on each hinge support and engage it onto the hinge lever hook (Figure 1). You may have to apply a little downward pressure on the door to pull the lock fully over the hinge lever hook.
3. Grab the door by the sides and pull the bottom of the door up and toward you to disengage the hinge supports. Keep pulling the bottom of the door toward you while rotating the top of the door to completely disengage the hinge levers (Figure 2).
4. To clean oven door, follow the instructions provided in the **General Care & Cleaning** table.

### To Replace Oven Door:

1. Grab the door by the sides; place the hinge supports and levers into the hinge slots. Open the door to the fully opened position.
2. Disengage the lock from the hinge lever hooks on both sides (Figure 3).  
**Note:** Make sure the hinge supports are fully engaged before unlocking the hinge levers.
3. 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.



## General Care & Cleaning (cont'd)

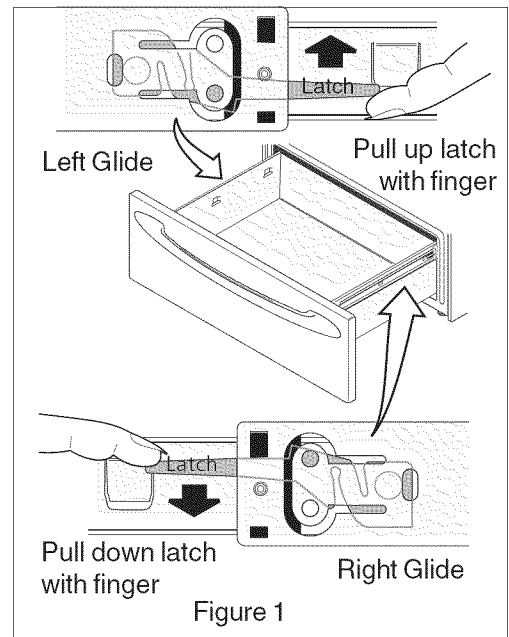
### Storage Drawer with extensible glides

#### To remove Storage Drawer:

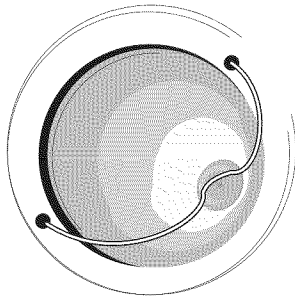
1. Open the drawer to the fully opened position.
2. Locate the latches on both sides of the warmer drawer. (See Figure 1)
3. Pull up on the left glide latch and push down on the right glide latch. (See Figure 1)
4. Pull the drawer away from the range.
5. To clean warmer drawer, gently scour with a soapy scouring pad, this will remove most spots. Rinse with a 1:1 solution of clear water and ammonia. If necessary, cover difficult spots with an ammonia-soaked paper towel for 30 to 40 minutes. Rinse with clean water and a damp cloth. Remove all cleaners or the porcelain may become damaged during future heating. **DO NOT** use spray oven cleaners on the cooktop.

#### To Replace Storage Drawer:

1. Align the glide latches on both sides of the drawer with the slots on the drawer.
2. Push the drawer back into the range.




## Changing the Oven Light



**CAUTION** Be sure the oven is unplugged and all parts are COOL before replacing the oven light bulb. Do not turn the oven light on during the self-cleaning cycle. High temperature will reduce lamp life.

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

The oven lights may also be manually operated by pressing the  pad.

On a self clean oven the lamp is covered with a glass shield held in place by a wire holder.  
**THIS GLASS SHIELD MUST BE IN PLACE WHENEVER THE OVEN IS IN USE.**

#### To replace the light bulb:

##### CAUTION: BE SURE OVEN IS COOL

1. Turn the power off at the main source.
2. Wear a leather-faced glove for protection against possible broken glass.
3. Replace bulb with a 40 watt appliance bulb only.
4. For self-cleaning oven, press wire holder to one side to release glass shield, change bulb and be sure to replace glass shield.

## 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
<b>Range is not level.</b>	<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 rack is level. When range is level, cooktop may appear out of alignment if countertop is not level.</p> <p>Weak, unstable floor. Be sure floor is level and can adequately support range. Contact a carpenter to correct sagging or sloping floor.</p> <p>Kitchen cabinet misalignment may make range appear to be unlevel. Be sure cabinets are square and have sufficient room for range clearance.</p>
<b>Cannot move appliance easily. Appliance must be accessible for service.</b>	<p>Cabinets not square or are built in too tight. Contact a cabinet maker to correct the problem.</p> <p>Contact builder or installer to make appliance accessible.</p> <p>Carpeting interferes with range. Provide sufficient space so range can be lifted over carpet.</p>
<b>Entire range or oven does not operate.</b>	<p>Make sure cord/plug is tightly into outlet.</p> <p>Service wiring is not complete. Contact your Sears Service Center, installing agent or qualified servicer.</p> <p>Power outage. Check house lights to be sure. Call your local electric company for service.</p>
<b>Surface element does not heat.</b>	<p>No power to the appliance. Check steps under "Entire range or oven does not operate" in this <b>Before You Call</b> checklist.</p> <p>Too low heat setting. Turn control to a slightly higher setting until element comes on.</p> <p>Incorrect control is on. Be sure to use correct control for the element to be used.</p>
<b>Surface element too hot or not hot enough.</b>	<p>Incorrect control setting. Raise or lower setting until proper amount of heat is obtained. Dial markings are an indicator of relative heat settings and will vary slightly.</p> <p>Voltage is incorrect. Be sure appliance is properly connected to the power source specified in the installation instructions. If you are not sure about this requirement call <b>1-800-4-MY-HOME®</b> for service (See back cover).</p> <p>Lightweight or warped pans were used. Be sure to use proper cookware. Use only flat bottom, evenly balanced medium or heavyweight cookware. Heavy and medium weight pans heat evenly. Because lightweight pans heat unevenly, foods may burn easily.</p>
<b>Food not heating evenly.</b>	<p>Lightweight or warped pans were used. Be sure to use proper cookware. Use only flat bottom, evenly balanced medium or heavyweight cookware. Heavy and medium weight pans heat evenly. Because lightweight pans heat unevenly, foods may burn easily.</p> <p>Incorrect control setting. Raise or lower setting until proper amount of heat is obtained.</p>
<b>Scratches or abrasions on cooktop surface.</b>	<p>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.</p> <p>Cleaning materials not recommended for ceramic-glass cooktop have been used. See "<b>Ceramic Glass Cooktop Cleaning &amp; Maintenance</b>" section under General Care &amp; Cleaning.</p> <p>Cookware with rough bottom has been used. Use smooth, flat-bottomed cookware.</p>
<b>Metalmarks.</b>	<p>Sliding or scraping of metal utensils on cooktop surface. Do not slide metal utensils on cooktop surface. Use a ceramic-glass cooktop cleaning cream to remove the marks. See "<b>Ceramic Glass Cooktop Cleaning &amp; Maintenance</b>" section under General Care &amp; Cleaning.</p>

<b>Brown streaks or specks.</b>	Boilovers are cooked onto surface. Use razor blade scraper to remove soil. See “ <b>Ceramic Glass Cooktop Cleaning &amp; Maintenance</b> ” section under General Care & Cleaning.
<b>Areas of discoloration with metallic sheen.</b>	Mineral deposits from water and food. Remove using a ceramic glass cooktop cleaning cream. Use cookware with clean, dry bottoms.
<b>Oven control beeps and displays F10, F30 or F90</b>	Electronic control has detected a fault condition. Press <b>STOP</b> to clear the display and stop beeping. Program oven again. If fault recurs, record fault number. Press <b>STOP</b> and contact Sears or other qualified service agency.
<b>Oven light does not work.</b>	Replace or tighten bulb. See “ <b>Changing Oven Light</b> ” in this Use and Care Guide for instructions.
<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. If conventional baking, 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 “ <b>Adjusting Oven Temperature</b> ” section in this Use and Care Guide.
<b>Fan noise during cooking operation.</b>	A cooling fan may automatically turn on and off to cool internal parts. It is normal, and the fan may continue to run after the range has been turned “OFF”, but may also stop immediately and then turn “ON” after a while.
<b>Flames inside oven or smoking from vent.</b>	Excessive spillovers in oven. Set self-clean cycle for a longer cleaning time. Excessive spillovers in oven. This is normal, especially for pie spillovers or large amounts of grease on the oven bottom. Wipe up excessive spillovers before starting the self-clean cycle. If flames or excessive smoke are present, stop the self-clean cycle and follow the steps under “ <b>Stopping or Interrupting a Self-Cleaning Cycle</b> ” in this Use and Care Guide.
<b>Oven smokes excessively during broiling.</b>	Control(s) not set properly. Follow instructions under “ <b>Setting Broil</b> ” in this Use and Care Guide. Make sure oven 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. The insert on broiler pan wrong side up and grease not draining. Always place insert 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>Self-cleaning cycle does not work.</b>	Control(s) not set properly. Follow instructions under “ <b>Self-Cleaning</b> ” in this Use and Care Guide. Self-cleaning cycle was interrupted. Follow steps under “ <b>Stopping or Interrupting a Self-Cleaning Cycle</b> ” in this Use and Care Guide.
<b>Soil not completely removed after self-cleaning cycle.</b>	Hand clean bottom, front top of oven, frame or door area outside oven seal before the self-cleaning is started. These areas are not in the self-cleaning area, but get hot enough to burn on residue. Burned-on residue can be cleaned with a stiff nylon brush and water or nylon scrubber. Do not clean the oven seal or it will be damaged.

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