

Gas Range

Use & Care Guide

Estufa a gas

Guía para el uso y cuidado

Models, Modelos **790.** 7883*

* = color number, número de color

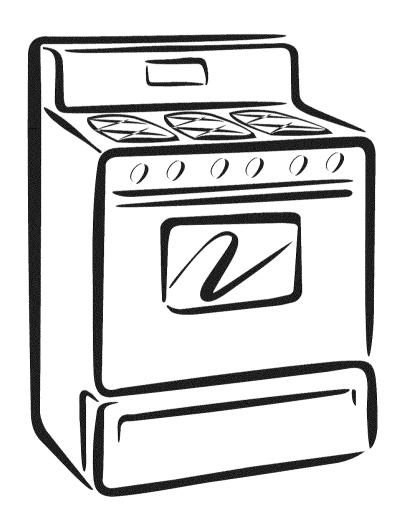


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Product Record

In the space provided below record the date of purchase, model & serial number of your product. You will find the model & serial number printed on an identification plate. This serial plate is located on the right side of the oven front frame in the Storage or Warmer Drawer compartment.

Model No. 790.
Serial No.
Date of Purchase
Save these instructions and your sales receipt for future reference.

Kenmore Appliance Warranty

One Year Limited Warranty

When installed, operated and maintained according to all instructions supplied with the product, if this appliance fails due to a defect in material or workmanship within one year from the date of purchase, call **1-800-4-MY-HOME** ® to arrange for free repair. If this appliance is used for other than private family purposes, this warranty applies for only 90 days from the date of purchase.

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

- 1. Expendable items that can wear out from normal use, including but not limited to filters, belts, light bulbs, and bags.
- 2. A service technician to instruct the user in correct product installation, operation or maintenance.
- 3. A service technician to clean or maintain this product.
- 4. Damage to or failure of this product if it is not installed, operated or maintained according to all instructions supplied with the product.
- 5. Damage to or failure of this product resulting from accident, abuse, misuse or use for other than its intended purpose.
- 6. 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.
- 7. 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 limitations on the duration of implied warranties of merchantability or fitness, so these exclusions or limitation may not apply to you.

This warranty applies only while this appliance is used in the United States and 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., Dept. 817WA, Hoffman Estates, IL 60179 Sears Canada Inc., Toronto, Ontario, Canada M5B 2B8

Conversion to Liquefied Petroleum Gas (or L.P. Gas)

The natural gas range is designed to allow for conversion to Liquefied Petroleum (L.P.) Gas.

If L.P. conversion is needed, contact **1-800-4-MY-HOME®** for assistance. The L.P. Conversion Kit is provided with this range and is located on the left lower REAR (back side) panel of the range. Before installing the kit be sure to follow the L.P. Installation Instructions carefully.

AWARNING Personal injury or death from electrical shock may occur if the range is not installed by a qualified installer or electrician.

ACAUTION Any additions, changes or conversions required in order for this appliance to satisfactorily meet the application needs must be made by Sears Service.

Important Safety Notice

The California Safe Drinking Water and Toxic Enforcement Act requires the Governor of California to publish a list of substances known to the state to cause cancer, birth defects or other reproductive harm, and requires businesses to warn customers of potential exposure to such substances.

Important Safety Instructions

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

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

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

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

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

FOR YOUR SAFETY:

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- WHAT TO DO IF YOU SMELL GAS:
- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, servicer or the gas supplier.
- 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 Fuel Gas Code ANSI Z223.-latest edition, or in Canada CAN/CGA B149.1, and CAN/CGA B149.2, and the the National Electrical Code ANSI/NFPA No.70-latest edition, or in Canada CSA Standard C22.1, Canadian Electrical Code, Part 1, and local code requirements. Install only per installation instructions provided in the literature package for this range. Ask your Sears dealer to recommend a qualified technician and an authorized Sears repairs ervice. Know how to disconnect the power to the range at the circuit breaker or fuse box in case of an emergency.
- User servicing—Do not repair or replace any part of the appliance unless specifically recommended in the manuals. All other servicing should be done only by a qualified technician, This may reduce the risk of personal injury and damage to the range.
- Never modify or alter the construction of a range by removing leveling legs, panels, wire covers, anti-tip brackets/screws, or any other part of the product.
- Air curtain or other overhead range hoods, which operate by blowing a downward air flow on to a range, shall not be used in conjunction with gas ranges other than when the hood and range have been designed, tested and listed by an independent test laboratory for use in combination with each other.

A WARNING NEVER use this appliance as a space heater to heat or warm the room. Doing so may result in carbon monoxide poisoning.

! WARNING

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



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



AWARNING NEVER cover any slots, holes or passages in the oven bottom or cover an entire rack with materials such as aluminum foil. Doing so blocks air flow through the oven and may cause carbon monoxide poisoning. Aluminum foil linings may trap heat, causing a fire hazard.

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

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

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

- Storage in or on Appliance—Flammable materials should not be stored in an oven, warmer drawer, near surface burners or in the storage drawer. This includes paper, plastic and cloth items, such as cookbooks, plastic ware and towels, as well as flammable liquids. Do not store explosives, such as aerosol cans, on or near the range.
- Do Not Leave Children Alone—Children should not be left alone or unattended in the area where appliance is in use. They should never be allowed to sit or stand on any part of the appliance.
- part of the appliance.

 DO NOT TOUCH SURFACE BURNERS, AREAS NEAR THESE BURNERS, OVEN BURNERS OR INTERIOR SURFACES OF THE OVEN. Both surface and oven burners may be hot even though flames are not visible. Areas near surface burners may become hot enough to cause burns.

Important Safety Instructions

During and after use, do not touch, or let clothing or other flammable materials touch these areas until they have had sufficient time to cool. Among these areas are the cook top, surfaces facing the cook top, the oven vent openings and surfaces near these openings, oven door and window.

 Wear Proper Apparel—Loose-fitting or hanging garments should never be worn while using the appliance. Do not let clothing or other flammable materials contact hot surfaces.

- Do Not Use Water or Flour on Grease Fires—Smother the fire with a pan lid, or use baking soda, a dry chemical or foam-type extinguisher.
- When heating fat or grease, watch it closely. Fat or grease may catch fire if allowed to become too hot.
- Use Only Dry Potholders—Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholders touch hot heating burners. 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—**ELECTRIC IGNITION MODELS ONLY:** Do not attempt to operate the oven during a power failure. If the power fails, always turn off the oven. If the oven is not turned off and the power resumes, the oven will begin to operate again. Once the power resumes, reset the clock and oven function.

IMPORTANT INSTRUCTIONS FOR USING YOUR COOKTOP

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

- Know which knob controls each surface burner. Place a pan of food on the burner before turning it on, and turn the burner off before removing the pan.
- Always turn knob to the full LITE position when igniting top burners. Visually check that burner has lit. Then adjust the flame so it does not extend beyond the edge of the utensil.
- Utensil Handles Should Be Turned Inward and Not Extend Over Adjacent Surface Burners—To reduce the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the utensil, the handle of the utensil should be positioned so that it is turned inward, and does not extend over adjacent surface burners.
- Never Leave Surface Burners Unattended at High Heat Settings—Boilovers cause smoking and greasy spillovers that may ignite, or a pan that has boiled dry may melt.
 Protective Liners—Do not use aluminum foil to line surface
- Protective Liners—Do not use aluminum foil to line surface burner pans, or oven bottom, except as suggested in this manual. Improper installation of these liners may result in risk of electric shock, or fire.
- Glazed Cooking Utensils—Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for cooktop service without breaking due to sudden change in temperatures. Check the manufacturer's recommendations for cooktop use.

IMPORTANT INSTRUCTION'S FOR USING YOUR OVEN

- Use Care When Opening Oven Door or Warmer Drawer— Stand to the side of the range when opening the door of a hot oven. Let hot air or steam escape before you remove or replace food in the oven.
- Keep Oven Vent Ducts Unobstructed. The oven vent is located below the backguard. Touching the surfaces in this area when the oven is operating may cause severe burns. Also, do not place plastic or heat-sensitive items on or near the oven vent. These items could melt or ignite.

- Placement of Oven Racks. Always place oven racks in desired location while oven is cool. If rack must be moved while oven is hot use extreme caution. Use potholders and grasp the rack with both hands to reposition. Do not let potholders contact the hot heating elements in the oven. Remove all utensils from the rack before moving.
- Do not use the broiler pan without its insert. The broiler pan and its insert allow dripping fat to drain and be kept away from the high heat of the broiler.
- Do not cover the broiler insert with aluminum foil. Exposed fat and grease could ignite.
- Cold temperatures can damage the electronic control. When using the appliance for the first time, or when the appliance has not been used for an extended period of time, be certain the unit has been in temperatures above 32°F (0°C) for at least 3 hours before turning on the power to the appliance.

IMPORTANT INSTRUCTIONS FOR CLEANING YOUR RANGE

- Clean the range regularly to keep all parts free of grease that could catch fire. Pay particular attention to the area underneath each surface element. Do not allow grease to accumulate. Refer to the range manufacturer's instructions for cleaning.
- Kitchen cleaners and aerosols—Always follow the manufacturer's recommended directions for use. Be aware that excess residue from cleaners and aerosols may ignite causing damage and injury.

SELF CLEANING OVENS

- Clean in the self-cleaning cycle only the parts listed in this Use & 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.

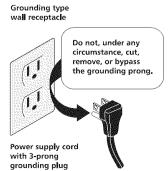
Grounding Instructions

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

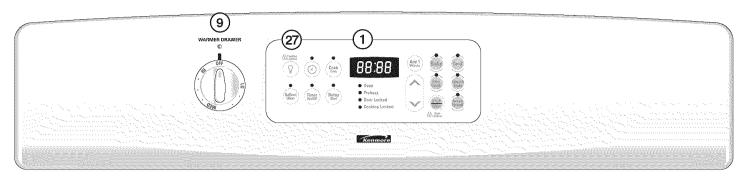
AWARNING This appliance is equipped with a 3-prong grounding plug for your protection against shock hazard and should be plugged directly into a properly grounded receptacle. DO NOT cut or remove the grounding prong from this plug. For personal safety, the range must be properly grounded. For maximum safety, the power cord must be plugged into an electrical outlet that is correctly polarized and properly grounded.

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

See the **INSTALLATION INSTRUCTIONS** packaged with this range for complete installation and grounding instructions.



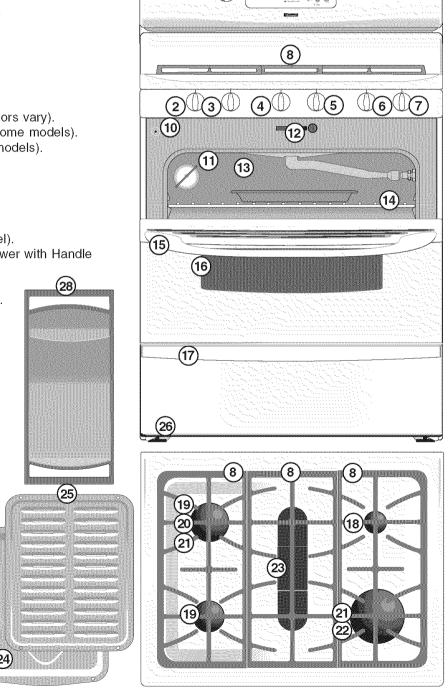
Range Features



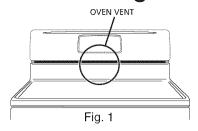
Your Gas Range Features Include:

- 1. Electronic Oven Control with Kitchen Timer.
- Left Front Burner Valve & Knob.
- Left Rear Burner Valve & Knob.
- 4. Center Burner Valve & Knob.
- 5. Bridge Burner Valve & Knob.
- 6. Right Front Power Burner Valve & Knob.
- 7. Right Rear Simmer Valve & Knob.
- 8. Dishwasher safe 3-piece Burner Grates (colors vary).
- 9. Warmer Drawer Control & Indicator Light (some models).
- 10. Automatic Oven Door Light Switch (some models).
- 11. Oven Interior Light with Shield.
- 12. Self-Clean Oven Door Latch.
- 13. Self-Cleaning Oven interior.
- 14. Adjustable Oven Racks(s).
- 15. Large 1 piece Oven Door Handle.
- 16. Full width Oven Door (styles vary with model).
- 17. Lower Panel (some models) or Warmer Drawer with Handle and Warmer Drawer rack (some models).
- 18. 5,000 BTU Simmer Burner (some models).
- 19. 9,500 BTU Standard Burner (some models).
- 20. 12,000 BTU Power Burner (some models).
- 21. 14,200 BTU Power Burner (some models).
- 22. 17,200 BTU Power Burner (some models).
- 23. 18,000 BTU (Combined) Bridge Burner
- 24. Broil Pan (some models)
- 25. Broil Pan Insert (some models)
- 26. Leveling Leg and Anti-tip Bracket (included)
- 27. Cooktop Lockout (some models)
- 28. Cast Iron Griddle Grate

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



Before Setting Oven Controls



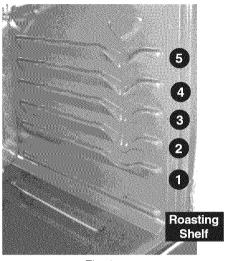


Fig. 2

Oven Vent Location

The oven vent is located **below the backguard** (See Fig. 1). When the oven is on, warm air is released through this vent. This venting is necessary for proper air circulation in the oven and good baking results. DO NOT BLOCK THE VENT.

Arranging Oven Racks

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

Removing & Replacing Oven Racks

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

Recommended Rack Positions for Broili Food	ing, Baking & Roasting: Position
Broiling hamburgers & steaks	See Broil
Broiling meats, chicken or fish	See Broil
Cookies, cakes, pies, biscuits & Muffins	2 or 3
Frozen pies, angel food cake,	1 or Roasting Shelf
yeast, bread, casseroles, small	
cuts of meat or poultry	
Turkey, roast or ham	1 or Roasting Shelf

Types of Oven Racks

Your range may be equipped with one or more of the oven rack types shown; **Flat Rack**, or **Handle Rack**.



Baking Layer Cakes with 1 or 2 Oven Racks

For best results when baking cakes using 2 oven racks, place cookware on oven rack positions 1 & 4 (Refer to Figs. 2 & 3). When using a single oven rack, place cookware on oven rack position 2 or 3 (Refer to Figs. 2 & 4).

Air Circulation in the Oven

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

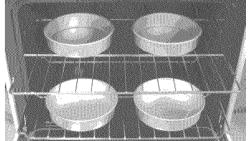


Fig. 3 Fig. 4

Setting Surface Controls

Setting Surface Controls

Your range may be equipped with different sized surface burners. The ability to heat food quicker and in larger volumes increases as the burner size increases.

The **SIMMER** burner (some models) is best used for simmering delicate sauces, etc. The standard burners can be used for most surface cooking needs. The **POWER** burner or burners (some models) are best used for bringing large quantities of liquid to temperature and when preparing larger quantities of food.

The **BRIDGE** Burner is best suited when using rectangular or long shaped cookware. The center rear and center middle burners are combined. The center **FRONT** burner may also be added for a total of 3 burners.

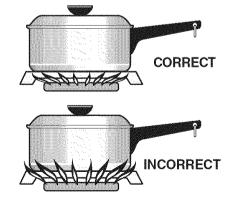
Regardless of size, always select cookware that is suitable for the amount and type of food being prepared. Select a burner and flame size appropriate to the pan. Never allow flames to extend beyond the outer edge of the pan.



Operating single Gas Surface Burners:

- 1. If the Cooktop Lockout indicator light is ON, unlock the cooktop (some models). If your model does not have this feature or if the cooktop is unlocked proceed to step 2.
- 2. Place cooking utensil on gas surface burner.
- 3. Push the surface control knob in & turn **counterclockwise** out of the OFF position.
- 4. Release the knob & rotate to the LITE position. Note: All four electronic surface ignitors will spark at the same time. However, only the burner you are turning on will ignite.
- 5. Visually check that the burner has lit.
- 6. Push the control knob in & turn counterclockwise to the desired flame size. The control knobs do not have to be set at a particular setting. Use the guides & adjust the flame as needed. DO NOT cook with the surface control knob in the LITE position (The electronic ignitor will continue to spark if the knob is left in the LITE position).

ACAUTION 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 wood spoons could catch fire if placed too close to a flame.



Never extend the flame beyond the outer edge of the utensil. A higher flame simply wastes heat and energy, and increases your risk of being burned by the flame.

Setting Proper Surface Burner Flame Size

For most cooking, start on the highest control setting and then turn to a lower one to complete the process. Use the recommendations below as a guide for determining proper flame size for various types of cooking. The size and type of utensil used and the amount of food being cooked will influence the setting needed for cooking.

*Flame Size Type of Cooking
High Flame Start most foods, I
Medium Flame Maintain a slow bo
Low Flame Keep foods cooking

Start most foods, bring water to a boil or pan broiling.

Maintain a slow boil, thicken sauces, gravies or steaming.

Keep foods cooking, poach or stewing.

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

^{*}These settings are based on using medium-weight metal or aluminum pans with lids. Settings may vary when using other types of pans. The color of the flame is the key to proper burner adjustment. A good flame is clear blue & nearly invisible in a well-lighted room. Each cone of flame should be steady and sharp. Adjust or clean burner if flame is yellow-orange.

Setting Surface Controls

Setting the Bridge Burner

The Bridge Burner is comprised of 3 individual burners connected from the front to the rear of the cooktop. The front or rear burner portions of the 3 burner sections may be used seperately. The Bridge Burner feature may be used to combine the cooking power of the rear and center Bridge Burner portions together. In both of these circumstances, normal sized cookware should be used.

Cookware such as the Griddle Grate that is supplied with your appliance is designed specifically for best results when used when ALL 3 portions of the Bridge Burner are utilized together.

The middle rear and middle center Burners are controlled by the **Rear +Bridge Burner** Control Knob. The front portion of the Bridge Burner may be added to complete the entire Bridge Burner using the **Front** (center) Control Knob (See Fig. 1).

Operating the Bridge Burner:

- 1. Push the **Rear +Bridge** Burner control knob in and turn **counterclockwise** out of the OFF position (See Fig. 1).
- 2. Release the knob and rotate to the **LITE** position (See Figs. 1 & 2). Note: All electronic surface ignitors will spark at the same time. However, only the selected surface Burner will lite.
- 3. Visually check that the rear Bridge Burner has lit.
- 4. Continue to rotate the gas control knob clockwise past the first **LO** setting to the arrow marked **BRIDGE**.
- 5. Visually check that BOTH the rear and middle Bridge Burner portions are lit.
- 6. When both burners are lit, continue to turn the control knob counterclockwise to adjust to the desired flame size for both burners together. NOTE: The markings between the 2nd HI and LO settings on the middle rear control knob adjust the flame size for both burners together. Use the guide marks between the 2nd HI and LO settings and adjust the flame size as needed (Refer to Fig. 3).
- 7. Add the **Front** (center) Burner if desired. Once lit, visually adjust the flame size of the **Front** (center) Burner to match the flame size of the Bridge Burner.
- 8. Place cooking utensil centered over the middle cooktop surface Burner Grate.

 NEVER cook with any surface control knobs in the LITE position (The electronic ignitor will continue to spark if the knob remains in the LITE position).

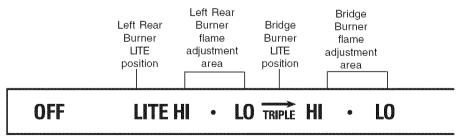


Fig. 3 - Bridge Burner Surface Control Knob markings (rear & middle burner portions).

NOTE: If only the rear Bridge Burner is needed, follow the instructions provided below.

Operating only the Rear Gas Surface Burner (for Bridge Burner):

- 1. Place cooking utensil centered over the Rear Bridge Burner Grate.
- 2. Push the Rear +Bridge surface control knob in and turn counterclockwise out of the OFF position (See Fig. 2).
- 3. Release the knob and rotate to the **LITE** position. Note: All electronic surface ignitors will spark at the same time. However, only the rear Bridge Burner portion will ignite.
- 4. Visually check that the rear Bridge Burner has lit. Adjust the flame size by turning the control knob between the first HI and LO settings (See Fig. 3). DO NOT cook with the surface control knob in the LITE position (The electronic ignitor will continue to spark if the knob is remains in the LITE position).

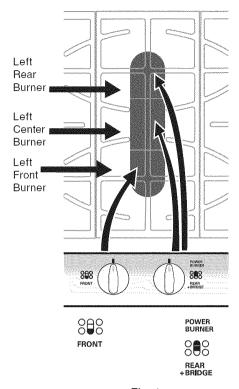


Fig. 1



Surface Cooking

Care of the Griddle

Before first use:

• Wash Griddle in hot soapy water. Rinse and then dry completely.

After each use:

- Store in a dry place.
- After each use, clean with hot soapy water.
- THE GRIDDLE IS DISHWASHER SAFE.
- Dry Immediately before storing.

Using the Griddle:

- Place the griddle centered over the Bridge Burner (some models). For location refer to Fig. 1.
- Preheat the griddle for 5 minutes on medium to medium low setting. Slow preheat ensures even heat distribution during the cooking process.

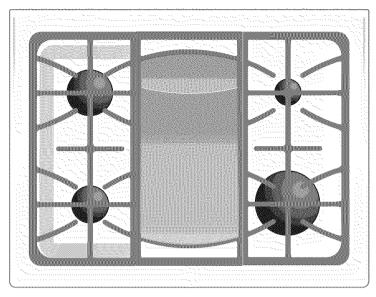


Fig. 1

• DO NOT preheat the griddle on HI setting. Preheating on HI may warp the griddle and prevent even heat distribution.

To Set the Cooktop Lockout Feature (some models)

The pad is used to activate the Cooktop Lockout feature which will lock all gas surface burners from being operated. This feature will only lock the gas burners on the cooktop.

To turn the Cooktop Lockout Feature ON:

- 1. BE SURE ALL GAS SURFACE BURNER CONTROLS ARE SET TO THE OFF POSITION.
- 2. Press & hold (\cent{Q}) until one beep is heard (after 3 seconds). The Cooktop Locked indicator light will turn ON and the gas surface burners and functions are locked out until the cooktop is unlocked.

To turn the Cooktop Lockout Feature OFF:

- 1. BE SURE ALL GAS SURFACE BURNER CONTROLS ARE SET TO THE OFF POSITION.
- 2. Press & hold \mathbb{Q} until one beep is heard (after 3 seconds). The Cooktop Locked indicator light will turn OFF and the gas surface burners may be used normally.

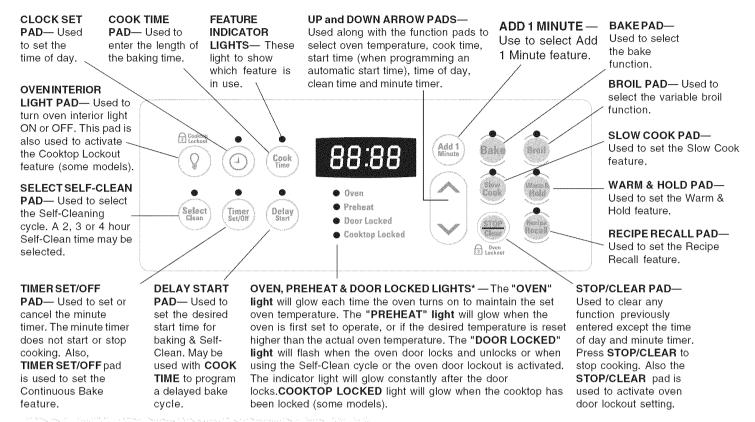
! WARNING TURN ALL GAS SURFACE CONTROL KNOBS TO OFF POSITION BEFORE UNLOCKING THE COOKTOP

— To avoid a potential gas flow or fire be sure that **ALL** gas surface control knobs are set to the OFF position before unlocking or locking the cooktop.

IMPORTANT NOTE: Starting a Self-Clean cycle will automatically turn the Cooktop Lockout feature ON. The cooktop will remain locked after the Self-Clean cycle. Once the Self-Cleaning cycle has completed and the Door Locked Indicator Light has turned OFF, you MUST unlock the cooktop before the gas surface burners will operate.

Oven Control Functions

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



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

For a silent control panel

When choosing a function, a beep will sound each time a pad is pressed. If desired, the control can be programmed for silent operation. To switch back and forth between normal sound or silent operation:

Press & hold (Pelay). After 7 seconds, the control will beep once. :SP should appear in the display indicating that the control is in normal sound mode. Press either or once to change to silent mode (:- - will appear in the display). The silent mode will block the controls from sounding when a pad is pressed.

To return to normal sound operation, press & hold (Belay). After 7

seconds :- - will appear in the display. Press either $\, {\color{red} \wedge} \,$ or

once to change back to normal sound mode (:SP will appear in the display). The control will now provide normal audible beeps whenever a pad is pressed.

Temperature conversion

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

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

- 1. Press $\stackrel{\text{Broil}}{-}$. "——" appears in the display.
- 2. Press and hold the until "HI" appears in the display.
- 3. Press and hold $\begin{tabular}{ll} \begin{tabular}{ll} \begin$
- 5. Press any control pad to return to normal operating mode.

Setting Oven Controls

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

To Set the Clock

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

1. Press (1) once (do not hold pad down).

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

Note: The clock cannot be changed during any timed bake.

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

To Set the Timer

Note: To turn the time of day display OFF or ON in the display press ① and hold for 15 seconds (the control will beep once) and then release. This feature does not remove the set time of day from the memory of the control. When the display is turned OFF the time of day will re-appear for a few seconds any time the ① pad is touched.

- 1. Press (Timer Ser/Off)
- increments. Press and hold the to increase the time in 10 minute increments. The timer can be set for any amount of time from 1 minute to 11 hours and 59 minutes.

2. Press the
to increase the time in one minute

Note: If the

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

- The display shows the timer countdown in minutes until 1 minute remains. Then the display will countdown in seconds.
- 4. When the set time has run out, the timer will beep 3 times and will continue to beep 3 times every 60 seconds until (seconds) is pressed.

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

To Change the Timer while it is in use:

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

To Cancel the Timer before the set time has run out:

Press (Timer Set/Off).

To Set or Change the Temperature for Baking

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

To Set the Controls for Baking:

- 1. Press Bake. "———" appears in the display.
- 2. Within 5 seconds, press the ∧ or ∨ . The display will show "350°F (177°C)." By pressing and holding

- the or ✓ , the temperature can then be adjusted in 5°F increments (1°C if the control is set to display Celsius).
- 3. As soon as the or pad is released, the oven will begin heating to the selected temperature. When the displayed temperature reaches the desired baking temperature, the preheat indicator light will turn OFF and the control will beep 3 times.
- 4. To cancel baking, press (STOP) (Dear)

To Change the Oven Temperature after Baking has Started:

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

To Set Control for Continuous Bake or 12 Hour Energy Saving

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

To set control for continuous baking:

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

To Set Control for Oven Lockout

Oven Lockout

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

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

To set Control for Oven Lockout feature:

- 1. Press (\$100) and hold for 3 seconds. "Loc" will appear in display, the "Door Locked" indicator light will flash and the motor driven door lock will begin to close automatically. **DO NOT open the oven door** while the indicator light is flashing. Allow about 15 seconds for the oven door to lock. Once the oven door is locked, the current time of day will appear in the display.
- 2. To cancel the Oven Lockout feature, press (STOP) & hold for 3 seconds. The control will unlock the oven door & resume normal operation.

To Set the Cook Time and Delay Start Features (Delayed Timed Bake)

The Cook TIME and Code DELAY START pads operate the features that will turn the oven ON and OFF at the times you select in advance. The oven can be programmed to start immediately and shut off automatically or to begin baking at a later time with a delayed start time.

To Program the Oven to Begin Baking Immediately and To Shut Off Automatically (Cook Time):

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

To Program Oven for a Delay Start and to Shut-Off Automatically:

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

- Press the ✓ until the desired baking time appears.
- 7. Press (Pelay). The earliest possible start time will appear in the display.
- Press the ✓ or ✓ until the desired start time appears in the display.
- Once the controls are set, the control calculates the time when baking will stop in order to start at the time you have set.
- 10. The oven will turn ON at the delayed start time and begin heating.

When the Set Bake Time Runs Out:

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

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

- 1. Press the function pad you want to change.

Note: During Cook Time the preheat indicator light will not function.

ACAUTION Use caution with the Cook Time and Delayed Start (Delayed Timed Bake) features. Foods that can easily spoil such as milk, eggs, fish, meat or poultry, should be chilled in the refrigerator first. Even when chilled, they should not stand in the oven for more than 1 hour before cooking begins, and should be removed promptly when cooking is completed.

To Set for Broiling:

- Arrange the oven rack while oven is still cool. Position the rack as suggested in the Broil Rack Position Table below.
- 2. Press [Broil]. " — "will appear in display.
- 3. Press and hold the or until the desired broil setting level appears in the display. Press the for HI broil or the for LO broil. Most foods may be broiled at the HI broil setting. Select the LO broil setting to avoid excess browning or drying of foods that should be cooked to the well-done stage.
- 4. For optimum browning, preheat broil burner for 3 4 minutes before adding food.

- 5. Place the insert on the broil pan, then place the food on the insert (See Fig. 1; some models). **DO NOT** use the broil pan without the insert or cover the insert with **aluminum foil**. The exposed fat could ignite.
- 6. If needed, arrange oven rack to desired postion. Place the pan on the oven rack. Close the oven door when broiling.
- 7. Broil on one side until food is browned. Turn and broil food on 2nd side.

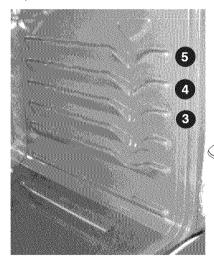
Note: Always pull the oven rack out to the stop position before turning or removing the food.

8. When broiling is finished, press (STOP) Glear).

Broil Rack Position Table (Refer to Fig. 1)

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

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



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



Fig. 2

Fig. 1

To Operate the Oven Light

The interior oven light will automatically turn ON when the oven door is opened. Press (2) to turn the interior oven light ON and OFF whenever the oven door is closed.

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

To Set Add 1 Minute Feature

The (Add1) ADD 1 MINUTE pad is used to set additional minutes to the Timer. Each time the (Add1) pad is pressed, another minute is added to the Timer, if the Timer is already active. If the Timer is not active and the (Add1) pad is pressed, the Timer feature will become active and will begin counting down from 1 minute. For further information on how to set the Timer feature see **To Set the Timer** instructions in the Setting Oven Controls section.

To Set the Recipe Recall Feature

The RECIPE RECALL pad is used to set the Recipe Recall feature. This feature will ONLY recall a previous Bake, Cook Time or a Warm & Hold added setting. This feature will not work with any other function including a Delay Start setting.

To Program the Oven to Begin Baking Immediately and record a Recipe:

- 1. Place the food in the oven.
- 2. Press Bake. " — ~ ° " appears in the display.
- 3. Within 5 seconds, press the ∧ or ∨ . The display will show "350°F (177°C)." By holding the ∧ or ∨ , the temperature can then be adjusted in 5°F increments (1°C if the control is set to display Celsius).
- 4. The oven will turn ON and begin heating.
- 5. 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.

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

- 1. Place the food in the oven.
- 2. Press Recoil .
- Within 5 seconds, press the or ✓ . The oven will begin to immediately cook with the previously recorded recipe. The Temperature is recalled and if a Timed Bake was recorded this feature will also recall the cooking time.

Using the Slow Cook Feature

The cook 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 or the Sabbath mode has been activated. This feature may be used with the additional settings of a Cook Time Slow Cook (see Cook Time beginning with step 5-7) or a Delay Start Slow Cook (see Delay Start steps 5-10).

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.
- Position multiple racks to accommodate size of cooking utensils when cooking multiple food item.
- 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 extended.
- Cover the foods to keep them moist or use a loose or vented type cover to allow foods to turn crisp or brown.
- Roasts may be left uncovered so browning can occur. Cook times will vary; depending on the weight, fat content, bone & the shape of the roast.
- 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.

See the suggested Slow Cook feature recipes provided in the back of this Use & Care Guide.

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

- Place the food in the oven.
- 2. Press Slow . "- -" will appear in the display (if no arrow keypad is touched within 10-15 seconds the request for Slow Cook will be clear).
- Press and release the to set the Slow Cook

feature with a high setting (HI will appear in the display). This setting is best for cooking foods from a 4 to 5 hour time period. The oven indicator light will turn ON below the time display indicating the oven has turned ON with the settings you choose.

- or press and release the V to set the Slow Cook feature with a low setting (**Lo** will appear in the display). This setting is best for cooking foods from a 8 to 9 hour time period. The oven indicator light will turn ON below the time display indicating the oven has turned ON with the settings you choose.
- If desired, add any Cook Time or Delay Start settings at this time.
- 6. To cancel the Slow Cook feature press $\left(\frac{\text{STOP}}{\text{Clear}}\right)$ at anytime.

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



The (Gook COOK TIME and (Belay DELAY START pads are used to set the Sabbath feature. The Sabbath feature may

only be used with the Bake 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; ^, V,

 $_{
m Bake}$ & $(_{
m Ghear}^{
m STOP})$. ALL OTHER KEYPADS will not function once the Sabbath feature is properly activated.

To Program the Oven to Begin Baking Immediately & activate the Sabbath feature:

- 1. Be sure that the clock is set with the correct time of
- Place the food in the oven.

- 3. Press $^{\text{Bake}}$. " — $^{\circ}$ " appears in the display.
- 4. Within 5 seconds, press the or 1. The display will show "350°F (177°C)." By holding the or 1, the temperature can then be adjusted in 5°F increments (1°C if the control is set to display Celsius).
- 5. If you desire to set the oven control for a Cook Time or Delay Start do so at this time. If not, skip this step and continue to step 6. Refer to the Cook Time (complete steps 5-6) / Delay Start (complete steps 5-9) section on page 15 for complete instructions. Remember the oven will shut down after using Cook Time or Delay Start 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 (Pook and (Polary)) pads for at least 3 seconds. SAb will appear in the display. 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.

 Note: You may change the oven temperature once baking has started by holding the or (for Jewish Holidays only). The oven temperature will be adjusted in 5°F increments with each press of these pads (1°C if the control is set to display Celsius). 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 (\$\frac{\text{STP}}{\text{dear}}\) pad (this will turn the oven OFF only). To turn OFF the Sabbath feature press and hold both the (\$\frac{\text{Cook}}{\text{limit}}\) and (\$\frac{\text{Delay}}{\text{Start}}\) pads for at least 3 seconds. **SAb** will disappear from the display.

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. The oven will remember that it is set for the Sabbath and the food may be safely removed from the oven while still in the Sabbath feature, however the oven cannot be turned back on until after the Sabbath. After the Sabbath observance turn OFF the Sabbath feature.

Press and hold both the (cook) and (nelw) 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.

Setting the Warm & Hold™ Feature

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

To set Warm & Hold:

- 1. Arrange interior oven racks and place baked food in oven. If the food is already in the oven go to step 2.
- 2. Press "——" will appear in the display and the Warm & Hold indicator light above the pad will turn ON. Note: If no further pads are touched within 6 seconds the request to turn ON Warm & Hold will be cleared.
- 3. Press ∧ or ∨ to start.
- To turn Warm & Hold OFF at any time press (STOP). The Warm & Hold indicator light above the pad will turn OFF.

To set Warm & Hold to turn ON automatically:

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

Setting Warmer Drawer Controls

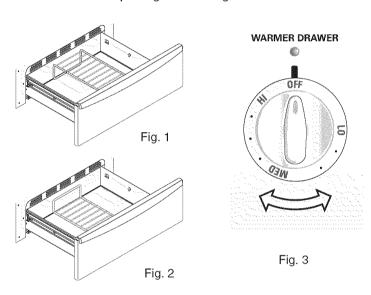
Arranging Warmer Drawer (Warm & Ready™ Drawer) Rack Positions (some models)

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

The rack can be used in 2 ways:

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

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



To Operate the Warmer (Warm & Ready™) Drawer

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

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

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

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

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

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

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

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

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

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

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

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

Warmer Drawer Recommended Food S	Settings Table
Food Item	Setting
Bacon & Hamburger Patties	H
Poultry & Pork Chops	H
Fried Foods & Pizza	H
Gravies, Eggs, Vegetables & Casseroles	MED
Roasts (Beef, Pork, Lamb)	MED
Biscuits, Hard Rolls & Pastries	MED
Soft Rolls or empty Dinner Plates	LO

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

Warmer (Warm & Ready[™]) Drawer Indicator Light (some models)

The indicator light is located above the Warmer Drawer thermostat control. It turns on when the control is set, and stays on until the control is turned OFF.

The warmer drawer is inoperable during the Self-Clean cycle. The warmer drawer indicator light will not come on during the Self-Clean cycle.

Setting Warmer Drawer Controls (cont'd)



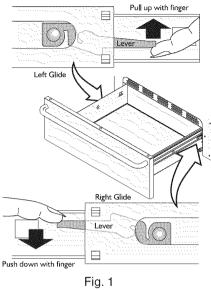
AWARNING Electrical Shock Hazard can occur and result in serious injury or death. Disconnectappliance from electric power before cleaning and servicing the warmer drawer.

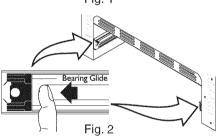
To Remove Warmer Drawer:

- 1. **ACAUTION** Turn power off before removing the warmer drawer.
- 2. Open the drawer to the fully opened position.
- 3. Locate glide lever on each side of drawer, pull up on the left glide lever and push down on the right glide lever (See Fig.1).
- Pull the drawer away from the range.

To Replace Warmer (Warm & Ready™) Drawer:

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





Self-Cleaning

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.
- Oven racks should be removed. If they are not removed during the Self-Clean cycle their color will turn slightly blue and the finish will be dull. After the cycle is complete and the oven has cooled, rub the sides of the oven racks with wax paper or a cloth containing a small amount of salad oil (this will make the 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.

A 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.

ACAUTION 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.

ACAUTION 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).

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

Self-Cleaning (cont'd)

NOTE: Prior to setting the Self-Clean cycle, any spills remaining on the oven bottom should be removed.

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

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

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

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

- 1. Be sure the clock shows the correct time of day.
- 2. Press (Pelay). The ": " in the time of day will flash.
- Press and hold the pad to scroll to the time to start the delayed Self-Clean cycle. Release the pad when the desired time is displayed.
- 4. Press (select). "———" appears in the display.
- 5. Press the or once. "3:00" appears in the display for a 3 hour cycle. To change to a 2 hour cycle press . "2:00" appears in the display or to select a 4 hour cycle press . "4:00" appears in the display. As soon as the controls are set, the motor driven lock will begin to close automatically and the "LOCK" indicator light will flash. DO NOT open the oven door while the light is flashing (it takes about 15 seconds for the oven door to lock).
- "CLn" will appear in the display during the Self-Clean cycle and the "LOCK" light will glow until the Self-Cleaning cycle is complete or cancelled and the oven temperature has cooled.

When the Self-Clean Cycle is Completed:

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

3. If "**End**" is in the display and the Select Clean indicator light remains ON, press (STOP). The time of day will appear in the display.

ACAUTION 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.

ACAUTION 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.

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

Stopping or Interrupting a Select Self-Cleaning Cycle

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

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

Using the cooktop after completing a Self-Cleaning Cycle (some models):

WARNING TURNALL GAS SURFACE CONTROL KNOBS TO OFF POSITION BEFORE UNLOCKING THE COOKTOP

— To avoid a potential gas flow or fire be sure that **ALL** gas surface control knobs are set to the OFF position before unlocking or locking the cooktop.

IMPORTANT NOTE: Starting a Self-Clean cycle will also turn ON the Cooktop Lockout feature. The cooktop will remain locked during & after the Self-Clean cycle has finished. Once the Self-Cleaning cycle has completed and the Door Locked Indicator light has turned OFF you MUST unlock the cooktop before the gas surface burners will operate.

General Care & Cleaning

Cleaning Chart

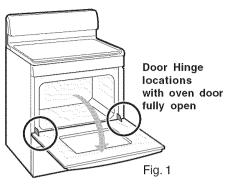
Surfaces	How to Clean
Glass, Painted Plastic Body Parts & Control Knobs	For general cleaning, use a soft cloth, clean with mild dish detergent & water or a 50/50 solution of vinegar & water. Follow by rinsing the area with clean water; dry & polish with a soft cloth. Glass cleaners may be used if sprayed on a soft cloth 1st. DO NOT spray liquids directly on the control pad and display areas. DO NOT use large amounts of water on the control panel - excess water on the control area may cause damage to the appliance. DO NOT use other liquid cleaners, abrasive cleaners, scouring pads, or some paper towels - they will damage the finish.
Painted Control Panels & Display areas	Before cleaning the control panel, turn all controls to OFF & remove the control knobs. To remove, pull each knob straight off the shaft. Use the <i>general cleaning</i> instructions provided in the paragraph above.
Porcelain Enamel Burner Grates, Cooktop Surface,	Clean burner grates, broiler pan & insert in the dishwasher and dry upon removal. If soils are not removed, follow the cooktop cleaning instructions below.
Broiler Pan & Insert, Broiler Drawer, Door Liner & Oven Bottom	Gentle scouring with a soapy scouring pad will remove most spots. Rinse with a 1:1 solution of clean water & ammonia. <i>If necessary</i> , cover difficult spots with an ammonia-soaked paper towel for 30 to 40 minutes. Rinse with clean water and a damp cloth, then scrub with a soap-filled scouring pad. Rinse & wipe dry with a clean cloth. Remove all cleaners or the porcelain may become damaged during future heating. DO NOT use spray oven cleaners on the range top.
Oven Racks	Remove racks. See "Removing & Replacing Oven Racks" under Before Setting Oven Controls . Use a mild, abrasive cleaner, following the cleaner's recommendations. Rinse with clean water & let dry. After cleaning the racks, rub the sides of the racks with wax paper or a cloth containing a small amount of baby oil or salad oil (this will make the racks glide easier into the oven rack positions).
Oven Door	Use soap & water to thoroughly clean the top, sides & front of the oven door. Rinse well. You may use a glass cleaner on the outside glass of the oven door. DO NOT immerse the door in water. DO NOT spray or allow water or the glass cleaner to enter the door vents. DO NOT use oven cleaners, cleaning powders or any harsh abrasive cleaning materials on the outside of the oven door. DO NOT clean the oven door gasket. The oven door gasket is made of a woven material, on Self-Cleaning models, which is essential for a good seal. Care should be taken not to rub, damage or remove this gasket.
Stainless Steel	Clean stainless steel with hot soapy water & a dishcloth. Rinse with clean water and a cloth. DO NOT use cleaners with high conecentrations of chlorides or chlorines. DO NOT use harsh scrubbing cleaners. Only use kitchen cleaners that are especially made for cleaning stainless steel. Always be sure to rinse the cleaners form the surface as bluish stains may occur during heating that cannot be removed.
Countoured well areas, bruner caps & burner heads	See Cleaning the Countoured Well Areas, Burner Caps & Burner Heads section for complete details.

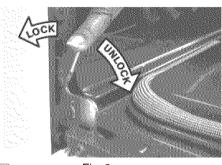
Cleaning the Cooktop

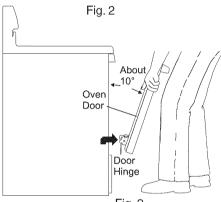
The cooktop is designed to make cleaning easier. Because the four burners are sealed, cleanups are easy when spillovers are cleaned up immediately. To clean, wipe with a clean, damp cloth and wipe dry.

ACAUTION Any additions, changes or conversions required in order for this appliance to perform satisfactorily must be made by an authorized **Sears Service Center**.

General Care & Cleaning (cont'd)







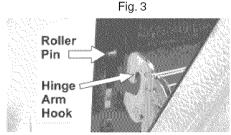


Fig. 4

Oven Light Wire Holder

Removing and Replacing the Lift-Off Oven Door

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

To Remove Oven Door:

- 1. Open oven door completely (horizontal with floor See Fig. 1).
- 2. Pull the door hinge locks on both left and right door hinges down from the oven frame completely towards the oven door (See Fig. 2). A tool such as a small flat-blade screwdriver may be required.
- 3. Firmly grasp both sides of oven door along the door sides (Do not use the oven door handle See Fig. 3).
- Close the door to the broil stop position (the oven door will stop into this
 position just before fully closing).
- 5. With the oven door in the broil stop position, lift the oven door hinge arms over the roller pins located on each side of the oven frame (See Fig. 4).

To Replace Oven Door:

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

Special Door Care Instructions

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

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

Changing the Oven Light

The oven light automatically turns ON when the door is opened. The oven light may also be manually operated by pressing the \bigcirc pad.

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

To replace the oven light bulb:

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

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

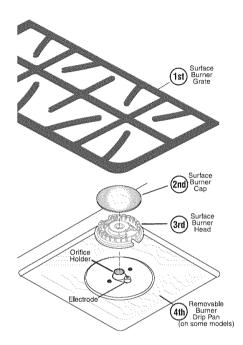
General Care & Cleaning (cont'd)

Cleaning the Contoured Well Areas, Burner Cap, Burner Head & Burner Drip Pans (some models)

The contoured well areas, burner cap, burner head and burner drip pans (some models) should be routinely cleaned. Keeping the burner ports clean will prevent improper ignition and an uneven flame. Refer to the following instructions:

THE COOKTOP IS NOT REMOVABLE. Do not attempt to remove or lift the cooktop.

ACAUTION Use caution when replacing the burner cap so the electrode is not damaged. This may cause a delayed ignition or prevent the burner from igniting.



To Clean the Recessed & Contoured Areas of the Cooktop - If a spill occurs on or in the recessed or contoured areas, blot up spill with an absorbent cloth. Rinse with a clean, damp cloth and wipe dry.

To Remove or Replace the Surface Burner Caps & Surface Burner Heads - Remove in the following order: (1st) surface burner grate, (2nd) surface burner cap, (3rd) surface burner head.

Reverse the procedure above to replace the surface burner cap, surface burner head and surface burner drip pans (if equipped). **Do not remove any parts from** the cooktop until they have completely cooled and are safe to handle. **Do not operate the surface burners without the surface burner cap and surface burner head properly in place.**

To Clean the Surface Burner Cap, Surface Burner Head & Surface Burner Drip Pan (if equipped) - Use a soap-filled scouring pad or a mild abrasive cleanser to clean the surface burner caps, surface burner heads and surface burner drip pans (if equipped). The ports (or slots) around the burner head must be routinely cleaned. If residue still remains in these ports, use a small-gauge wire or needle to clean the slots or holes. For proper flow of gas and ignition of the burner—DO NOT ALLOW SPILLS, FOOD, CLEANING AGENTS OR ANY OTHER MATERIAL TO ENTER THE GAS ORIFICE HOLDER OPENING. ALWAYS keep the surface burner cap and surface burner head in place whenever a surface burner is in use.

Adjusting the Oven Temperature

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

To Adjust Oven Temperature:

- 1. Press Bake.
- 2. Set the temperature to 550° F (287° C) by pressing and holding the \wedge .
- 3. Within 2 seconds, press and hold Bake until the 2 digit display appears. Release Bake. The display now indicates the amount of degrees offset between the original factory temperature setting and the current temperature setting. If the oven control has the original factory calibration, the display will read "0."
- 4. The temperature can now be adjusted up or down 35°F (17°C), in 5°F steps by pressing and holding the or ✓ Adjust until the desired amount of offset appears in the display. When lowering the oven temperature, a minus sign (-) will appear before the number to indicate that the oven will be cooler by the displayed amount of degrees.
- 5. When you have made the desired adjustment, press $\frac{\text{STOP}}{\text{Glear}}$ to go back to the time of day display.

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

Before You Call

Solutions to Common Problems

Before you call for service, review 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.

Range is not level - (1) Poor installation. Place oven rack in center of oven. Place a level on the oven rack. Adjust leveling legs at base of range until the oven rack is level. (2) Be sure floor is level, strong & stable enough to adequately support range. (3) If floor is sagging or sloping, contact a carpenter to correct the situation. (4) Kitchen cabinet alignment may make range appear not level. Be sure cabinets are square & have sufficient room for range clearance.

Cannot move appliance easily. Appliance must be accessible for service - (1) Cabinets not square or are built in too tightly. Contact builder or installer to make appliance accessible. (2) Carpet interferes with range. Provide sufficient space so range can be lifted over carpet. (3) Gas line is hard-plumbed. Have a flexible C.S.A. International approved metal appliance connector installed.

Surface burners do not light - (1) Cooktop Lockout is ON. Follow instructions under Setting the Cooktop Lockout Feature and turn the Cooktop Lockout feature OFF. (2) Surface control knob has not been completely turned to LITE. Push in & turn the surface control knob to LITE until burner ignites & then turn control knob to desired flame size. (3) Burner ports are clogged. With the burner OFF, use a small-gauge wire or needle to clean ports. See Cleaning the Contoured Well Areas, Burner Cap, Burner Head & Burner Drip Pans in the General Care & Cleaning section for complete cleaning instructions. (4) Range power cord is disconnected from outlet (electric ignition models only). Be sure cord is securely plugged into the outlet. (5) Electrical power outage (electric ignition models only). Burners can be lit manually. See Setting Surface Controls.

<u>Surface burner flame burns half way around</u> - (1) Burner ports are clogged. With the burner off, clean ports by using a small-gauge wire or needle. (2) Moisture is present after cleaning. Lightly fan the flame and allow burner to operate until flame is full. Dry the burners thoroughly following instructions in the **Cleaning the Contoured Well Areas, Burner Cap, Burner Head & Burner Drip Pans** in the General Care & Cleaning section.

<u>Surface burner flame is orange</u> - (1) Dust particles in main line. Allow the burner to operate a few minutes until flame turns blue. (2) In coastal areas, a slightly orange flame is unavoidable due to salt air.

<u>Oven does not operate</u> - (1) Be sure the oven controls are set properly for the desired function. See **Setting Oven Controls** in this Use & Care Manual or read the instructions "**Entire appliance does not operate**" in this checklist. (2) Be sure gas regulator valve is "ON". See installation instructions.

Entire appliance does not operate - (1) The time of day is not set. The time of day must first be set in order to operate the oven. See "To Set the Clock" in the Setting Oven Controls section.(2) Make sure cord/plug is plugged correctly into outlet. (3) Service wiring is not complete. Contact your authorized service agent. (4) Electrical power outage. Check house lights to be sure. Call your local electric company for service. (5) Be sure gas supply is turned ON.

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

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

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

<u>Poor baking results</u> - Many factors affect baking results. Make sure the proper oven rack position is used. Center food in the oven & space pans to allow air to circulate. Allow the oven to preheat to the set temperature before placing food in the oven. Try adjusting the recipe's recommended temperature or baking time. If you feel the oven is too hot or cool, see **Adjusting Your Oven Temperature** in this Use & Care Manual.

Soil not completely removed after Self-Cleaning cycle Failure to clean bottom, front top of oven, frame of oven or door area outside oven seal. These areas are not in the Self-Cleaning area, but get hot enough to burn on residue. Clean these areas before the Self-Cleaning cycle is started. Burned-on residue can be cleaned with a stiff nylon brush and water or a nylon scrubber. Be careful not to damage the oven gasket.

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

Flames inside oven or smoking from oven vent - Excessive spillovers in oven. For example this will happen for pie spillovers or large amounts of grease left on the oven bottom. Wipe up excessive spillovers before starting oven. If flames or excessive smoke are present see "Broiling" in the Setting Oven Controls section.

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