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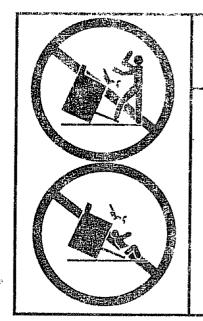
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USE · CARE · SAFETY MANUAL



WARRANTY





- ALL BANGES CAN TIP
- INJURY TO PERSONS COULD RESULT
- INSTALL ANTI-TIP DEVICE PACKED WITH RANGE
- SEE INSTALLATION INSTRUCTIONS

STABILITY DEVICE INSTALLATION INSTRUCTIONS FOR BRACKET KIT NO. 342473

TOOLS NEEDED:

Phillips head screwdriver

1 3/8" open end or adjustable wrench

OUTSIDE EDGE OF

BRACKET TO BE FLUSH WITH LEFT OR RIGHT SIDE OF RANGE

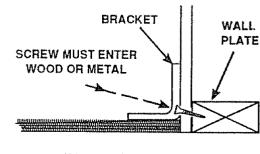
Bracket attaches to floor or wall to hold either right or left rear leg leveler. If fastening to floor, be sure that screws do not penetrate electrical wiring or plumbing. If this cannot be determined, use shorter screws that will not penetrate through flooring.

If the bracket came with your range, it is shipped in the prapack located inside the oven. Permove the bracket from the prepack and follow the instructions below.

- 1. Decide whether the bracket will be installed on the right or left side of range location.
- 2. If the bracket side of the range is adjacent to a cabinet, place the bracket against back wall and cabinet as shown in Figure 1.

If there is no adjacent cabinet, determine where the location of the range side (painted outside panel) will be. Place the bracket with its outside edge at this location and against back wall. See Figure 1.

- 3. Determine whether you will anchor the bracket to the floor or wall. Fasten the bracket securely with the screws provided. Screws are self-drilling in wood, plywood, particle and chip board, and most metal framing. If attaching to masonry, you can buy suitable screws and anchors at hardware stores. Use a masonry drill to drill the required holes.
- Using the wrench, back out the four leg levelers at least two turns. See your installation guide for more leveling information before positioning range.
- Slide the range into place. Be sure rear leg leveler fully engages slot in bracket. If range cannot be moved back far enough for rear leg leveler to enter bracket, move bracket forward as required and attach to floor in new location.



ATTACHMENT TO WALL

Fig. 1

ADJACENT CABINET OR FINAL

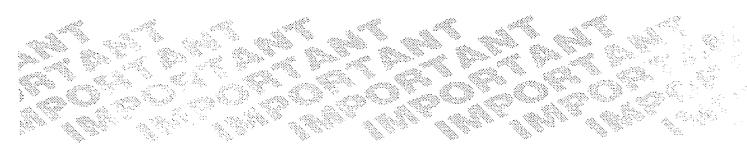
LOCATION OF RANGE SIDE

PANEL

Flg. 2

1

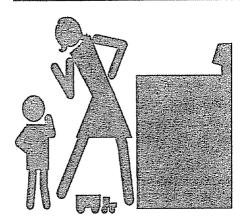
NCINS01-3



IMPORTANT INSTRUCTIONS FOR YOUR SAFETY

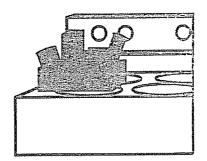
SAVE THESE INSTRUCTIONS

Read all instructions before using this appliance. When using electrical appliances, basic safety precautions should be followed, including the following:



Teach children not to play with range knobs or any other part of the range.

Never leave children alone or unattended where a range is in use.

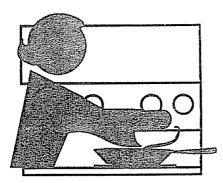


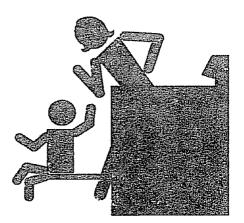


CAUTION:

Items of interest to children should not be stored in cabinets above the range or on the backsplash of the range. Children climbing on the range to reach items could be seriously injured.

Never let anyone climb, sit or stand on the open door or any other part of the range. Their weight may make the range tip over.





Never leave the oven door open when you are not watching the range.



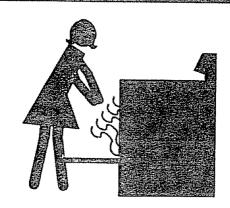


To insure safety for yourself and your home, please read your Owner's Manual carefully. Keep it handy for quick easy reference. Pay close attention to the safety sections of your manual. You can recognize the safety sections by looking for the symbol or the word "Safety".

Always keep the range area clear and free from things that will burn.

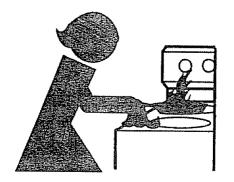
CAUTION:

Never store things in an oven or near cooktop elements/ burners. These things may catch fire and plastic Items could melt.



Never use your range for warming or heating a room. You could be burned or seriously injured. Such misuse could also cause damage to the range.

Never wear loose clothing when using your range. Such clothing could catch fire.



Never use a towel or other bulky cloth as a potholder. Such cloths could catch fire on a hot element/burner.

Never let pot handles stick out over the front of the range. Turn handles in so that they cannot be bumped into. Keep the handles away from other hot surface elements/burners.



Never leave cooktop elements/ burners unwatched at high heat settings. Boilovers cause smoking and greasy spillovers could catch fire.

IMPORTANT SAFETY INSTRUCTIONS

BASIC SAFETY PRECAUTIONS

Keep this book for later use.

Be sure your range is installed and grounded properly by a qualified technician.

Always use dry potholders when removing pans from the oven or cooktop. Moist or damp potholders can cause steam burns.

Always follow cleaning instructions in this book.

Always keep the range and oven clean. Food and grease are easy to Ignite. Clean the range, oven and vents regularly.

Clean Only Parts Listed In Manual.

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

Always keep combustible wall coverings, curtains, or drapes a safe distance away from your range and oven.

Always keep dish towels, dish cloths, potholders and other linens a safe distance away from your range. Never store such items on your range.

Always keep the appliance area clear and free from things that will burn (gasoline and other flammable vapors and liquids).

Never try to repair or replace any part of the range unless instructions are given in this book. All other work should be done by a skilled technician.

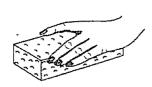
Never heat unopened food containers. Pressure buildup may make container burst and cause injury.

Never leave jars or cans of fat or drippings on or near the range. Never let grease build up on your range. You can keep grease fires from starting if you clean up grease and spills after each range use.

Never try to move a pan of hot fat, especially a deep fat fryer. Wait until the fat has cooled.

Never touch surface units, heating elements, or interior surfaces of the oven. They may be hot even though they appear dark in color.

Always keep wooden utensils, plastic utensils or canned food a safe distance away from your range.



Some cleaners produce noxious fumes and wet cloths or sponges could cause steam burns if used on a hot surface.

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COOKTOP SAFETY

Always use care when touching the cooktop. Heating elements could be hot enough to burn you even if they are dark in color.

Only some kinds of glass or ceramic pans can be used for cooktop cooking. Be sure that the pan you use will not break when heated on the cooktop elements.

Never block free airflow through the oven vent.



Choose pots and pans with flat bottoms, large enough to cover the en-

tire cooktop element. This will cut down the risk of setting potholders or clothing on fire with an uncovered element and waste less energy.

OVEN SAFETY

Place oven racks in desired position while oven is cool. If rack must be moved while oven is hot, do not let potholder contact hot heating element in oven.

After broiling, always take the broiler pan out of the range and clean it. Leftover grease in the broiler pan can catch on fire the next time you use the pan.

Always use care when opening oven door. Let hot air and steam escape before moving food.

Never use aluminum foil to line drip bowls or oven bottoms. Improper use of foil could start a fire.

SELF-CLEAN SAFETY

If the self-cleaning mode malfunctions, turn off and disconnect the power supply. Have serviced by a qualified technician.

Always remove broiler pan and other utensils from the oven before a self-clean cycle.

Never rub, move, or damage the door gasket on selfcleaning ranges. The gasket is essential for a good seal.

Mever try to clean utensils, cookware or removable parts of your range during a self-clean cycle.

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.

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SAFETY INSTRUCTIONS (continued)

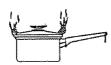
READ AND UNDERSTAND THIS INFORMATION NOW!

Should you ever need it, you will not have time for reading.

Be sure everyone in your home knows what to do in case of fire.

Never use water on a grease fire - it will only spread the flames.

COOKTOP GREASE FIRE



Never pick up a flaming pan...Instead:

- 1. Turn off the element.
- 2. Smother the fire with a tightly fitting pan lid, baking soda or an extinguisher.

oven fire — Do not try to move the PAN!



- Close oven door and turn controls off.
- If fire continues, throw baking soda on the fire, or use a dry chemical, foam, or halon type extinguisher.

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 birth defects or other reproductive harm and requires businesses to warn customers of potential exposure to such substances.

The fiberglass insulation in self-clean ovens gives off a very small amount of carbon monoxide during the cleaning cycle. Exposure can be minimized by venting with an open window or using a ventilation fan or hood.

REMOVAL OF PACKAGING TAPE:

To remove adhesive left from packing tape and ensure you do not damage the finish of your new appliance, use an application of household liquid dish washing detergent, mineral oil, or cooking oil. Apply with soft cloth and allow to soak. Wipe with soft cloth. DO NOT use plastic pad or equivalent. Wipe dry and then apply an appliance polish to thoroughly clean and protect the surface. This procedure is also safe for the face of microwave doors and other plastic parts.

NOTE: The plastic tape must be removed from chrome trim on range parts. It CANNOT be removed if baked on.

WHERE CAN YOU LOOK FOR PACKAGING TAPE?

Elements

Drip pans

Control panel: top, sides, and bottom

Under maintop

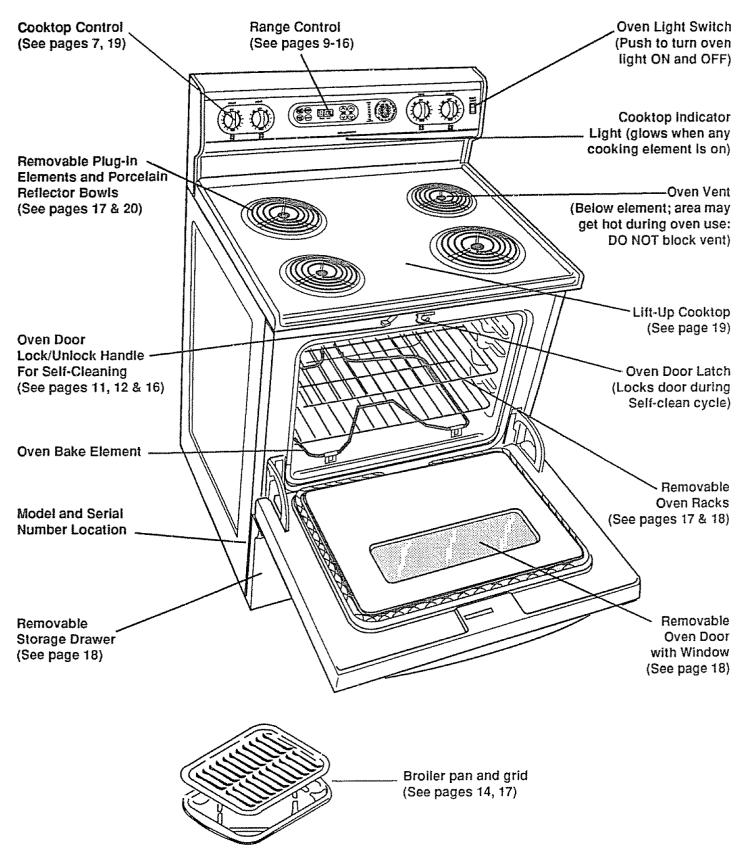
Door trim: top, sides, and bottom

Bake element Door handles

5

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YOUR RANGE



6

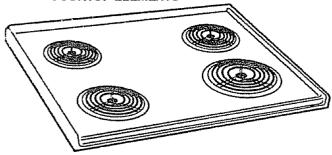
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TO START THINGS COOKING

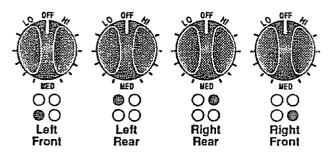
COOKTOP COOKING

Before you use the cooktop for the first time, take a few moments to familiarize yourself with the elements and the knob used to turn on each element.

COOKTOP ELEMENTS

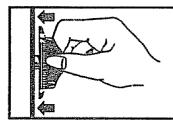


The sign near each cooktop control knob shows which element is turned on by that knob.

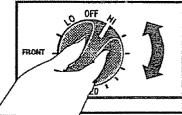


To operate cooktop controls:

1. Push to turn.



Set on or between marks for desired heat.



The Indicator light will glow when any heating element is activated.

COOKTOP GUIDE TO BASIC SETTINGS

"HI"

Used for quick starts, such as bringing water to a boil.



"MED-HI"

Used for frying and rapid boiling.



"MED"

Used for slow boil and sauteing.



"MED-LO"

Used for cooking foods in small amounts of water.



"LO"

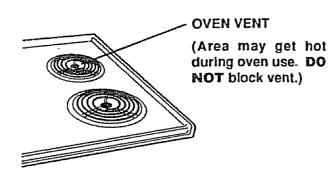
Used for steaming foods or keeping foods at serving temperature.





7

Neverline the bowls below cooktop elements with aluminum foll. Foll can block normal heat flow and damage the range. This is especially true if foil blocks the oven vent tube under the right rear cooktop element.



NEMTC58-2

To Start Things Cooking (cont.)

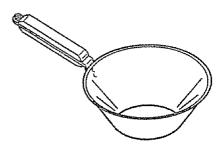
For best cooking results and energy efficient operation, you should use pans that are flat on the bottom. Match the size of the pan to the size of the surface unit. The pan should not extend over the edge of the drip bowl more than 1".



Note: A slight odor is normal when a new cooktop is used for the first time. It is caused by the heating of new parts and insulating materials and will disappear in a short time.

WOK COOKING

We recommend that you use only a flat-bottom wok. They are available at your local retail store.



HOME CANNING TIPS

In surface cooking of foods other than canning, the use of large-diameter pots (extending more than 1" beyond edge of drip pan) is not recommended. However, when canning with water-bath or pressure canner, large-diameter pots may be used. This is because boiling water temperatures (even under pressure) are not harmful to cooktop surfaces surrounding heating unit.

However, do not use large diameter canners or other large diameter pots for frying or boiling foods other than water.

Most syrup or sauce mixtures — and all types of frying — cook at temperatures much higher than boiling water. Such temperatures could eventually harm cooktop surfaces surrounding heating units.

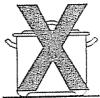
OBSERVE FOLLOWING POINTS IN CANNING

- Bring water to boil on HIGH heat, then after boiling has begun, adjust heat to lowest setting to maintain boil (saves energy and best uses surface unit).
- Be sure canner fits over center of surface unit. If your range does not allow canner to be centered on surface unit, use smaller-diameter pots for good canning results.
- Flat-bottomed canners give best canning results. Be sure bottom of canner is flat or slight indentation fits snugly over surface unit. Canners with flanged or rippled bottoms (often found in enamelware) are not recommended.



8





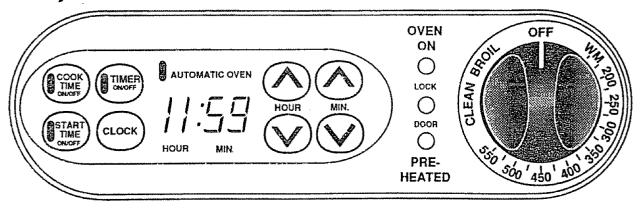
- 4. When canning, use recipes from reputable sources. Reliable recipes are available from the manufacturer of your canner; manufacturers of glass jars for canning, such as Ball and Kerr; and the United States Department of Agriculture Extension Service.
- Remember, in following the recipes, that canning is a process that generates large amounts of steam. Be careful while canning to prevent burns from steam or heat.

NOTE: If your range is being operated on low power (voltage), canning may take longer than expected, even though directions have been carefully followed. The process may be improved by:

- (1) using a pressure canner, and
- (2) beginning with hot tap water when heating larger quantities of water.

NEMTC59-1

CLOCK, TIMER & OVEN CONTROL



The Range Control is simple and easy to understand and allows you to set the following operations:

CLOCK TIMER BAKE DELAY BAKE BROIL CLEAN DELAY CLEAN

The HOUR UP or DOWN arrow pad allows you to set the exact hour & minute you need. By pressing and holding down either of the arrows, the time will change quickly. By pressing and releasing either of the arrows, the time will change slowly. The UP arrow pad will change in sequence 1, 2, 3; the DOWN arrow pad will change in sequence 3, 2, 1.

DISPLAY:

The display in the center of your control will show:

- 1. The time of day CLOCK.
- 2. The amount of time you need when using the TIMER.
- Any delayed operation, such as the START TIME for cooking or cleaning (when you want the oven to turn on and begin to cook or clean), COOK TIME how long you want the food to cook.

INDICATOR LIGHTS:

Your control has individual indicator lights that will show you the operations you have chosen. Their locations are:

COOK TIME PAD

START TIME PAD AUTOMATIC OVEN

The control also has indicators that glow when using the Oven Control Knob. These are:

OVEN ON PREHEATED

LOCK DOOR

POWER UP:

When the power to your range is turned on for the first time, the display will flash "12:00". Press the CLOCK pad to set the clock.

POWER FAILURE:

If you experience a power failure, the display will flash "12:00". The clock and any oven operation being used at the time the power failure occurred will need to be reset. Make sure you turn the OVEN CONTROL KNOB to "OFF" before resetting the operation.

F-CODE:

If the time display beeps continuously and flashes an "F" followed by a number, you have a function error code. Note the number after the "F". Press CLEAR/OFF. Allow oven to cool for 1 hour. If problem repeats, disconnect all power to the range and call for service. Advise your service technician of the number following the "F" in the display.

TO BLANK OUT THE DISPLAY:

If you prefer not to see the time of day in the display, your new control allows you the special feature of blanking out the display (have nothing showing in the display).

Here's how:

If the time of day is showing in the display, press the CLOCK pad twice.

To bring back the display from the time of day blank-out, press the **CLOCK** pad once.

AUTOMATIC OVEN SHUT-OFF:

As a safety feature, this oven will automatically shut off if it has been left on for more than 12 hours.

TO SET THE CLOCK:

1. Press the CLOCK pad.



2. Press the HOUR UP and DOWN pad.







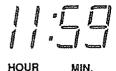
Press the MINUTE UP and DOWN pad.



The clock will automatically start keeping time within one minute or you may press the CLOCK pad for immediate start.

TO SET THE TIMER:

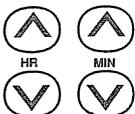
The TIMER is only a minute timer to be used for a specific amount of time, such as timing a three minute egg. It will not control oven operations. The maximum time you may set is 11 hours and 59 minutes.



 Press the TIMER ON/OFF pad. "0:00" and the Timer Indicator Light will flash.



2. Press the MINUTE UP or DOWN arrow pad to set the exact minutes you wish to use. Press the HOUR UP or DOWN arrow pad to set the hour or hours you wish to use.



After releasing the MIN or HR pad, the timer indicator light will blink three times and the timer will begin the countdown.

When the timer has started to count down, you may press the **CLOCK** pad to return to the current time of day.



At the end of the countdown the control will beep and the Timer Indicator Light will flash alerting you the time is up. Press the **TIMER ON/OFF** pad.



REMINDER!

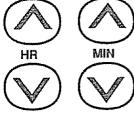
By pressing and holding down either the **UP** or **DOWN** arrow pads the time will change quickly.

If you hesitate while pressing the **UP** or **DOWN** arrow pads the display and the timer indicator lights will blink 3 to 5 times and return the display to the time of day clock. If this happens, press the **TIMER ON/OFF** pad to start over.

TO RESET THE TIMER:

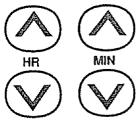
If you have selected an amount of time, but decide to change it, here's how:

If the countdown is showing in the display, press the MINUTE or HOUR UP or DOWN arrow pad. Select the time you prefer.



If the time of day clock is showing in the display, press the TIMER ON/ OFF pad. Then, press either the MINUTE or HOUR UP or DOWN arrow pad. Select the time you prefer.





TO CANCEL THE TIMER:

If you wish to cancel the TIMER, the countdown must be showing in the display. If it isn't, press the TIMER ON/OFF pad to recall the countdown, then press the TIMER ON/OFF pad to cancel.



NCCTL45

OVEN COOKING

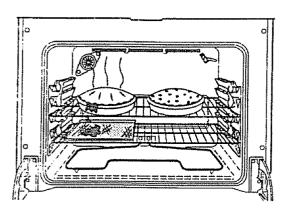
GENERAL RULES

 When cooking a food for the first time in your new oven, use time given on recipes as a guide.

Your new oven has been set correctly at the factory and is apt to be more accurate than the oven it replaced.

After you have used your oven for awhile, if you feel your oven should be hotter or cooler, you can adjust It yourself. See **TEMPERATURE ADJUSTMENTS** In this manual.

- NO PEEKING—Opening the door too often to check food during baking will allow heat loss and may cause poor baking results.
- There may be some odor when the oven is first used.
 This is caused by the heating of new parts and insulation.
- Do not cover an entire oven rack with foil. The foil can block normal heat flow and cause poor baking results. Do not place any foil directly above the bake element. Foil used on the oven bottom under the element may damage the oven surface, therefore, it should not be used.



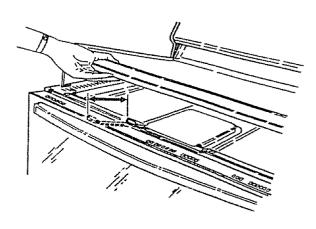
Oven door lock/unlock handle — **DO NOT lock the** door during baking.



HIDE-A-WAY HANDLE

Your new range is equipped with a hide-away handle (used for self-clean only) that can be hidden under the maintop when it is in the unlocked position.

- Be sure the handle is in the unlocked position and raise the cooktop.
- 2. Push the handle into the latch cover untio it stops.
- 3. Lower the cooktop.

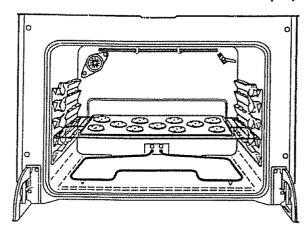


PREHEATING

- When recipes require preheating, have food nearby before you open the oven door. If the oven door is allowed to remain open for more than a brief time, the preheat temperature will be lost.
- Let the oven preheat thoroughly before cooking baked products. Watch for the preheated indicator light to come on, then place the food in the oven.

BAKEWARE

 Cookies should be baked on flat cookie sheets without sides to allow the air to circulate properly.



- Cakes, muffins, and quick breads should be baked in shiny pans—to reflect the heat—because they should have a light golden crust. Be sure the underside of the pan is shiny, too. Darkened undersides will absorb the heat and may cause overbrowning on the bottom of your food.
- Yeast breads and pie crusts should be baked in glass or dull (non-shiny) pans—to absorb the heat—because they should have a brown, crisp crust.
- Oven temperatures should be reduced 25 degrees below recommended temperatures if exterior of pan is predarkened, darkened by age or oven proof glass.

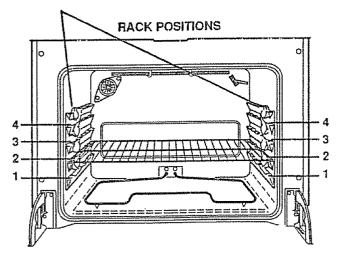
11 NEOVC39-2

BAKING

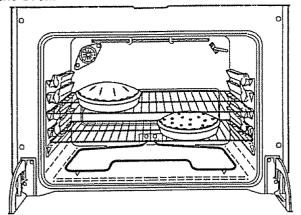
- · Always follow recipe carefully.
- · Measure ingredients properly.
- Use proper pan and rack placement to obtain the best cooking results.

NOTE:

YOUR OVEN HAS FOUR (4) RACK POSITIONS.
THE TOP LEVEL IS ONLY A GUIDE; IT CANNOT
BE USED AS A RACK POSITION!



 Place pans on the oven racks with 1" to 1 1/2" of air space on all sides of each pan. Avoid overcrowding the oven.

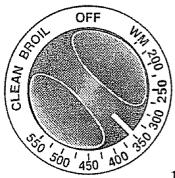


- When baking several items, stagger pans so that no pan is directly above another.
- Pans too close to each other, to oven walls or to the oven bottom block the free movement of air. Improper air movement causes uneven browning and cooking.

TO SET BAKE:

1. Set the OVEN CON-TROL KNOB to the desired temperature (from warm to 550°F). Example at right shows the oven temperature set to 350°.

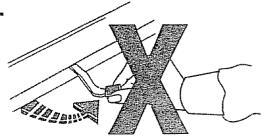
The OVEN ON Indicator Light will glow.



2. When the temperature inside the oven reaches the selected baking temperature, a tone will sound and the PREHEATED indicator Light will glow.

The OVEN ON and PREHEATED Indicator Lights will remain on until baking is finished and the OVEN CONTROL KNOB is turned to the "OFF" position.

DO NOTLOCK THE OVEN LOCK/UNLOCK HANDLE WHILE BAKING OR BROILING IN THE OVEN. THE OVEN LOCK/UNLOCK HANDLE IS USED FOR SELF-CLEAN ONLY.



TIMED BAKING

TO SET YOUR OVEN TO BAKE FOR A SET AMOUNT OF TIME AND TURN OFF AUTO-MATICALLY:

1. Make sure the time of day clock is showing the correct time of day.

2. Press the COOK TIME ON/OFF pad.

- Press the MIN. UP or DOWN arrow pad to set the exact number of minutes you need. Press the HR. UP or DOWN arrow pad to set the exact hour(s) you need.
- 4. Turn the **OVEN CONTROL KNOB** to the desired temperature.

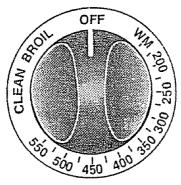
The OVEN ON and AUTOMATIC OVEN Indicator Lights will glow.

When the temperature inside the oven has reached the selected temperature, a tone will sound and the PRE-HEATED Light will glow.

The oven will bake until the set amount of time has

counted down. Then the oven will turn "OFF" automatically.

A tone will sound at the end of the timed operation and the AUTOMATIC OVEN Indicator Light will blink, alerting you the timed operation is finished, but you will still need to turn the OVEN CONTROL KNOB to the "OFF" position.



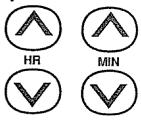
COOK

TO SET YOUR OVEN FOR A DELAYED START AND AUTOMATIC STOP:

While setting this operation you will only need to know how long you want foods to cook, the time you want the oven to turn on, and the temperature which you desire the oven to be heated.

- 1. Make sure the time-of-day clock is showing the correct time of day.
- 2. Press the COOK TIME ON/OFF pad.
 The control will beep and the COOK TIME Indicator Light will glow.
- Press the HR UP or DOWN arrow pad to set the exact hour(s) you will need.

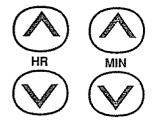
Press the MIN UP or DOWN arrow pad to set the exact minutes you will need.



If you hesitate before setting the time, the display and indicator light will blink 3 times, then return to the time-of-day clock. If this should happen, press the COOK TIME ON/OFF pad to continue.

- Press the START TIME ON/OFF pad.
 The control will beep and the START TIME Indicator Light will glow.
- 5. Press the HR. UP or DOWN arrow pad to set the exact hour you want the oven to turn on.

Press the MIN. UP or DOWN arrow pad to set the exact minutes you need.



If you hesitate before setting the time, the display and indicator light will blink 3 times, then return to the cook time display. If this should happen, press the START TIME ON/OFF pad to continue.

6. Turn the **OVEN CONTROL** KNOB to the temperature you want to use.

Press the **CLOCK** pad to return the display to the time-of-day clock.

When the Start Time is reached the oven will automatically turn "ON" and start to heat. When the temperature you have selected is reached, the PREHEATED Indicator Light will glow. The oven will continue to cook for the set amount of time and turn "OFF" automatically. A tone

will sound at the end of the timed operation and the AUTOMATIC OVEN Indicator Light will blink, alerting you the timed operation is finished. You will need to turn the OVEN CONTROL KNOB to the "OFF" position.

NOTE:

COOK

TIME

START TIME

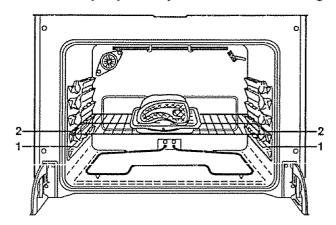
CLOCK

The low temperature zone of this range (between WARM and 200°F) is available to keep hot cooked foods warm. Food kept in the oven longer than 2 hours at these low temperatures may spoil.

Foods that spoil easily, such as milk, eggs, fish, stuffings, poultry and pork, should not be allowed to sit for more than one (1) hour before or after cooking. Room temperature promotes the growth of harmful bacteria. Be sure that the oven light is OFF because heat from the bulb will speed harmful bacteria growth.

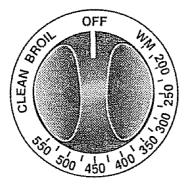
ROASTING

Roasting is cooking tender cuts of meats with dry heat. It is not necessary to preheat your oven before roasting.



GENERAL ROASTING INSTRUCTIONS

- 1. Place meat (fatty side up) on a roasting rack or in a shallow pan about the same size of the meat.
- 2. Place pan in No.1 or No. 2 rack position.
- 3. Turn the **OVEN CONTROL KNOB** to the desired temperature.
- When roasting is complete, turn the OVEN CONTROL KNOB to the "OFF" position.



NOTE:

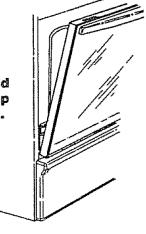
Remember that most meats continue to cook internally after being taken out of the oven.

NEOVC41

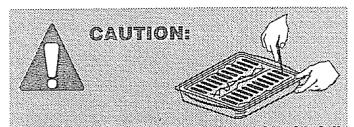
BROILING BROILING TIPS:

Please note:

Your oven door should be open to the broil stop position while broiling.



- Use only the broiler pan and grid that came with your range for broiling. They are designed for proper drainage of fat and liquids and help prevent spatter, smoke or fire.
- Do not preheat when broiling. For even broiling on both sides, start the food on a cold pan.
- Trim the outer layer of fat from steaks and chops. Slit the fatty edges to keep the meat from curling.
- For maximum juiciness, salt the first side just before turning the meat. Salt the second side just before serving.
- Brush chicken and fish with butter several times as they broil. When broiling fish, grease the grid to prevent sticking and broil with skin side down. It is not necessary to turn fish.
- Never leave a soiled broiler pan in the range.
 Grease in the pan may smoke or burn the next time the oven is used.



Do not cover the entire broller grid with foll (mold foil tightly to grid and cut slits in foil to align with slits in the grid). Poor drainage of hot lat may cause a broller fire.

If a fire starts, close the oven door and turn controls OFF. If fire continues, throw baking sode on the fire. Do not put water on the fire.

POSITIONING BROILER PAN

Broiling is cooking by direct heat from the broil element. Tender cuts of meat or marinated meat should be selected for broiling. For best results steaks and chops should be at least 3/4" thick.

After placing food on the broller pan and grid, put the pan on an oven rack in the proper position. The recommended rack position and cooking time can be found in the chart below. If your range is connected to 208 volts you may want to use a higher position.

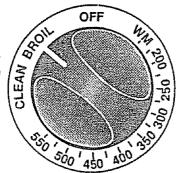
The closer the food is to the broil element, the faster the meat browns on the outside, yet stays red to pink in the center. Moving the meat farther away from the element lets the meat cook to the center while browning outside. Side one should be cooked 1 - 2 minutes longer than side two.

Food	Rack Position 4 = Highest 1 = Lowest	Total Time (minutes)
Steak - 1" Thick		
Rare	4	9-11
Medium	3	13-15
Well Done	3	21-23
Ground Beef Patties		
Medium-1" Thick	3	16-18
Medium-1/2" Thick	4	7-9
Pork Chops - 1" Thick	3	27-29
Fish (Fillets)	3	11-13
Chicken (Pieces)	2	45-55

This chart is a general guide. The size, weight, thickness, and starting temperature of the food, as well as your own personal preference, will affect the cooking time. Times in the chart are based on the food being at refrigerator temperature. The U.S. Department of Agriculture notes that meat cooked rare is popular, but cooking meat to only 140°F may allow some poisoning organisms to survive.

TO SET BROIL:

1. Set the OVEN CONTROL KNOB to the BROIL position.



2. When broiling is finished, turn the **OVEN CONTROL KNOB** to the "OFF" position.

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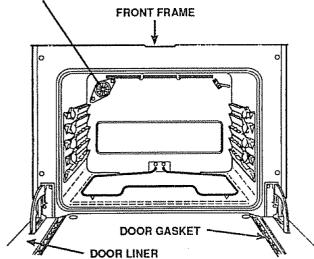
THE SELF-CLEAN CYCLE BEFORE A CLEAN CYCLE

- 1. Remove the broller pan and grid, oven racks, all utensils and any foll that may be in the oven. Do not try to clean utensils or any other objects in the oven during a self-clean cycle. If oven racks are left in the range during a clean cycle, they will darken, lose their luster and become hard to slide. If you choose to leave the racks in the oven, you can polish the edges of the racks with steel wool and apply a small amount of vegetable oil to the rack edges after the self-clean cycle. This will make the racks easier to slide.
- 2. Soil on the oven front frame, under the front edge of the cooktop, the door liner outside the door gasket and the front edge of the oven cavity (about 1" into the oven) will not be cleaned during a clean cycle (see illustration below). Clean these areas by hand before starting a clean cycle.

Use hot water with a soap-filled steel wool pad. We recommend a cleanser such as 'Soft Scrub®' brand or a similar cleaning product to keep white surfaces looking clean and new. After cleaning, rinse well to help prevent a brown residue from forming when the oven is heated. Buff these areas dry with a dry cloth.

OVEN LIGHT

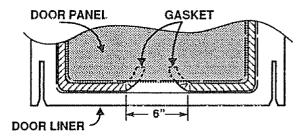
To prolong the life of the bulb, be sure the oven light is OFF during Self-Clean.



- 3. Wipe up heavy spillovers on the oven bottom. Too much soil may cause smoking during the clean cycle.
- 4. Do not rub the door gasket. The fiberglass material of the gasket has an extremely low resistance to abrasion. An intact and well fitting oven door gasket is essential for energy efficient oven operation and good baking results. If you notice the gasket becoming worn, trayed or damaged in any way or if it has become displaced on the door, you should replace the gasket.

Please Note:

The door gasket is designed to have a 5"-6" gap at the bottom of the oven door. This is to allow proper air circulation.

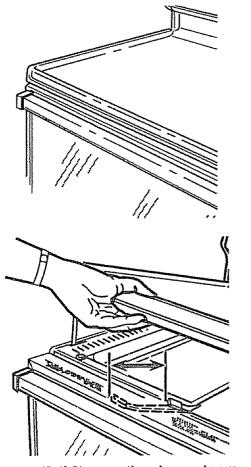


TO SET A CLEAN CYCLE:

IMPORTANT!!

The control automatically sets a clean cycle for 4 hours and 20 minutes. You may change this time from 3 hours up to 5 hours and 59 minutes. Before setting a Self-Clean cycle, please read through the steps to familiarize yourself with the control.

1. If your handle is hidden, lift the cooktop and pull the handle out as far as it will come.



(Self-Clean continued on next page...)

The Self-Clean Cycle (continued...)

2. Turn the OVEN CONTROL KNOB to the CLEAN position.

The LOCK DOOR Indicator Light will blink alerting you that the door lock handle has not been engaged in the lock position.

The display will be showing 4:20. The oven will automatically clean for 4 hours and 20 minutes.

Here's how to increase or decrease cleaning time:

While 4:20 is showing in the display and the colon (:) is blinking, press the HR. UP or DOWN arrow pad to change the hours needed and press the MIN. UP or DOWN arrow pad to change the minutes needed. The control will allow you 1 minute to make the change before it begins the cycle automatically.

3. Slide the door lock handle to the right into the lock position. DO NOT force the handle. If it does not slide easily, it may not be fully extended. You may also need to lightly press against the door to lock it properly.



Once the door is locked the OVEN ON and LOCK DOOR Indicator Lights will glow indicating the start of the clean cycle.

Be sure the oven light is off during the clean cycle to prolong the life of the bulb.

You may press the CLOCK pad to return the display to the time of day clock.

When the cycle is finished, both the OVEN ON and the LOCK DOOR Indicator Lights will blink until the OVEN CONTROL KNOB is turned to the "OFF" position. Unlock the door and raise the cooktop to hide the handle.

TO STOP A CLEAN CYCLE

- Turn the OVEN CONTROL KNOB to the "OFF" position.
- 2. Wait until the oven has cooled below the locking temperature (approximately 45 minutes to 1 hour) before attempting to slide the lock handle to the left into the unlock position. When the handle slides easily, unlock the door.

TO SET A DELAYED SELF-CLEAN CYCLE

- 1. If the handle has been hidden. Ifft the cooktop and pull the handle out as far as it will come.
- 2. Follow the steps under "BEFORE A CLEAN CYCLE."
- 3. Make sure the clock is showing the correct time e^{\pm} day.
- 4. Turn the **OVEN CONTROL** KNOB to the CLEAN position.

The OVEN ON and the LOCK DOOR Indicator Lights will blink alerting you that the door took handle has not been engaged in the lock position. The display will be showing 4:20 and will automaticalliclean for 4 hours and 20 minutes unless you should increase or decrease the cleaning time as instructed in No. 2 under "TO SET A CLEAN CYCLE."

- 5. Slide the door lock handle to the right in the lock position. **DO NOT force the handle**. If it does not slide easily, it may not be fully extended. You may also need to lightly press against the door is lock it properly. When the lock is engaged the **OVEN ON** and the **LOCK DOOR Indicator Lights** will glow.
- 6. Press the START TIME ON/OFF pad.
- 7 Press the HR. and MIN. UP or DOWN arrow pad to set the hour of the day you want the cycle to start.

Once you have set the delayed start, you may press the CLOCK pad to return the display to the time of day clock. When the start time you set has been reached, the oven will automatically start the clean cycle and will clean for the amount of time chosen. When the clean cycle is finished, both the OVEN ON and the LOCK DOOR Indicator Lights will blink. Turn the OVEN CONTROL KNOB to the "OFF" position. Unlock the door and raise the cooktop to hide the handle.

AFTER A CLEAN CYCLE

After a clean cycle, you may notice some white ash in the oven. Just wipe it up with a damp cloth or sponge.

If white spots remain, scrub them with a soap-filled steel wool pad. Be sure to rinse thoroughly with a white vinegar and water mixture. These deposits are usually a salt residue that cannot be removed by the clean cycle.

If the oven is not clean after one clean cycle, the cycle may be repeated.

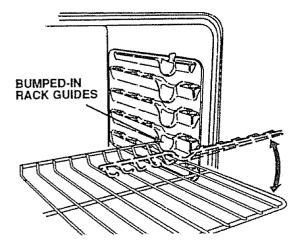
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CLEANING TIPS

PART	CLEANING MATERIALS	REMARKS		
CONTROL PANEL AND KNOBS	Detergent, warm water, soft cloth	Do not use abrasive cleaners. Knobs pull off for easier cleaning.		
PORCELAIN ENAM- ELED COOKTOP	Detergent, warm water, plastic or ny- lon scouring pad, cleansing powder	Clean after each spillover. If acidic foods (such as hot fruit fillings, milk, tomatoes,		
	sauerkraut or sauces with vinegar or lemon julce) should spill on the cooktop, use a dry paper towel or cloth to wipe up right away. When the surface has cooled, wash and rinse. For other spills, such as fat spatterings, wash with soap and water when cooled and then rinse. Polish with a dry cloth.			
SELF-CLEANING OVEN FINISH	Detergent, warm water and/or soap- filled steel wool pad Do not use oven cleaner in or around any part of the oven	Rinse well after cleaning. Cleaning Inside the oven need only be done as an optiona touch-up between self-clean cycles. See the self-cleaning section for more information.		
OVEN DOOR GASKET	Do Not Clean	Do Not clean the door gasket; the fiberglas material of the gasket has an extremely low resistance to abrasion.		
OVEN RACKS	Detergent, warm water, soap-filled scouring pad, plastic scouring pad	Remove from oven to clean. Rinse tho oughly. See Self-Clean Section for mor information.		
BURNER BOX BOT- TOM (AREA UNDER COOKTOP)	Detergent and water	Clean after each spillover with detergent and water. Dry well.		
BROILER PAN AND GRID	Detergent, warm water, soap-filled scouring pad, commercial oven cleaner	Remove solled pan from oven to coo Drain fat or drippings. Fill pan with warr water. Sprinkle grid with detergent an cover with damp cloth or paper towels. Le pan and grid soak for a few minutes. Rins or scour as needed. Dry well. Grid and pa may be washed in a dishwasher.		
Porcelain Drip Bowls	Ammonia or abrasive cleaners and scouring	Put 1/4 cup ammonia into drip bowl. Place in enclosed plastic bag or container. The fumes will soften the soil. Allow bowl to soak overnight. Do not clean porcelail bowls in self-cleaning ovens. Bowls can be cleaned in a dishwasher.		
SURFACE UNIT	Do Not Clean	Spatters and spills burn away when the coils are heated.		
STORAGE DRAWER	Detergent and water	Pull drawer all the way open, tilt up the from and lift out. Wipe with damp cloth or spong and replace. Never use harsh abrasives o scouring pads.		
GLASS	Glass cleaner and paper towels	Remove stubborn soll with paste of baking soda and water. DO NOT use abrasive cleaners. Rinse thoroughly.		

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REMOVABLE OVEN RACKS



Be careful not to scratch the oven finish when installing or removing oven racks.

To install:

- 1. Set the raised back edge of the rack on a pair of rack guides.
- 2. Push the rack in until you reach the bump in the rack guide, then lift the front of the rack and push the rack all the way in.

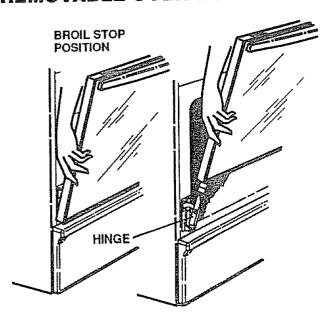
To remove:

1. Pull the oven rack out, then up.

NOTE:

The racks are designed with stop locks. When the racks are placed correctly on the rack support and extended from the oven, the stop lock prevents the racks from tilting when you are removing food from the racks or placing food on them.

REMOVABLE OVEN DOOR



To remove:

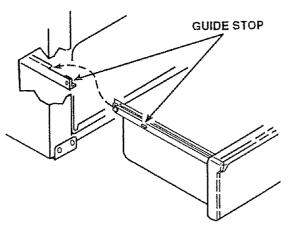
- 1. Open the door to the stop position (see illustration
- 2. Grasp the door at each side and lift up and off the hinges. **DO NOT** lift the door by the handle.

NOTE: When the door is removed and hinge arms are at stop position, do not bump or try to move the hinge arms. The hinges could snap back causing an injury to the hands or damage to the porcelain on the front of the range. Cover the hinges with toweling or empty towel rolls while working in the oven area.

To replace:

- Hold the door over the hinges with the slots at the bottom edge of the door lined up with the hinges.
 The hinge arms must still be in the stop position.
- Slide the door down onto the hinges as far as it will go and close the door.

REMOVABLE STORAGE DRAWER



This drawer gives you space for keeping cookware and bakeware. Plastics and flammable material should not be kept in this drawer.

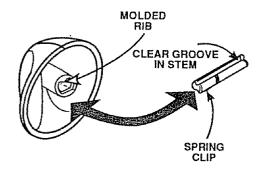
Do not overload the storage drawer. If the drawer is too heavy, it may slip off the track when opened. To open the drawer, grasp the center of the handle and pull straight out.

To remove: Pull drawer straight out and lift over the guide stops.

To replace: Lift over the guide stops and slide drawer into place.

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REMOVABLE KNOBS



All control knobs may be removed for easy cleaning by pulling the knob straight off the stem. Be sure that the knob is in the OFF position before removal.

Hint: Slip a thin cloth (such as a handkerchief) or a piece of string under and around the knob edge and pull up.

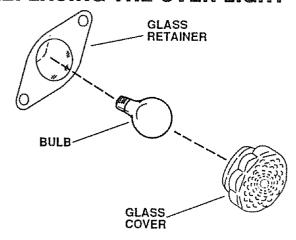
Caution: Read these instructions carefully before replacing the knobs. Replacing the knobs improperly will damage the knobs and the spring clips on the stems. If this happens, the knobs will fit loosely.

To replace the knob:

- The knob stem has a groove in each side. The groove on one side has a spring clip. The other groove is clear (see illustration).
- 2. Check the inside of the knob and find the molded rib.
- 3. Replace the knob by fitting the molded rib inside the knob into the clear groove on the stem.

Note: Be sure to replace knobs on the correct stems.

REPLACING THE OVEN LIGHT



Be sure that the light switch is in the off position. Do not touch hot oven bulb. Do not touch oven bulb with wet hands. Do not wipe oven light area with wet cloth.

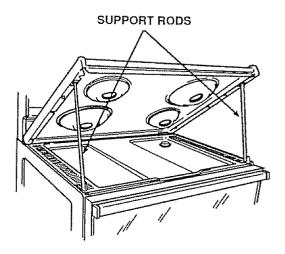
Never touch the electrically live collar on the bulb when replacing it.

Electrical power must be shut off if you have to replace a broken bulb.

- 1. Unscrew glass cover and remove.
- 2. Replace the bulb with a 40 watt appliance bulb.
- 3. Replace the cover.

Note: We recommend you use a 40 watt appliance bulb that is no longer than 3 1/2".

LIFT-UP COOKTOP



The cooktop can be raised so the area underneath can be cleaned.

Raise the front of the cooktop until the support rods snap into position to hold the cooktop.

To lower cooktop, push in on the front of the supports while lowering top.

Porcelain enamel can chip if dropped. Handle porcelain enameled cooktops carefully.

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REMOVABLE COOKTOP UNITS

The cooktop elements can be unplugged and the bowls removed for cleaning.

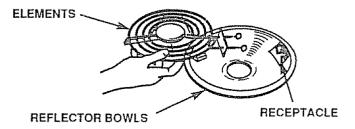
Be sure all cooktop unit control knobs are turned off and elements are cool before you remove or replace a cooktop unit.

To remove:

- Grasp element, tilt it upward slightly to clear the bowl, then pull away from the receptacle. The element will not sit level when replaced if it is forced too far upward when removed.
- 2. Lift out the bowl.

Do not put the element into water. It cleans itself when heated during normal use.

When removing, do not lift a plug-in unit more than 1". If you do, it may not lie flat on the reflector bowl when you plug it back in. Repeated lifting of the plug-in unit more than 1" above the reflector bowl can permanently damage the receptacle.



To replace:

- 1. Replace the bowl. Be sure the receptacle is showing in the bowl opening.
- 2. Slide the plug of the element firmly into the receptacle and lower the element into place.

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BEFORE CALLING FOR SERVICE

Save time and money -- Check this list before you call for service.

To eliminate unnecessary service calls, first, read all the instructions in this manual carefully. Then, if you have a problem, always check this list of common problems and possible solutions before you call for service.

If you do have a problem you cannot fix yourself, call your nearest Sears Store or Service Center for help. When calling, have this manual, the Repair Parts List, your model number, serial number and purchase date handy. Customer Service 1-800 numbers are on page 24.

PROBLEM	POSSIBLE CAUSE	DON'T CALL FOR SERVICE UNTIL YOU CHECK	
• RANGE DISPLAY IS FLASHING "F" AND A NUMBER; OVEN STOPS WORKING — SURFACE WORKS	Possible range malfunction	Press CLEAR/OFF. Let range cool down for one hour. Place range back into cooking or cleaning cycle. If problem repeats, call for service.	
· RANGE DOES NOT WORK; TOTALLY INOPERATIVE	No power to range	 Check household circuit breaker or fuse. Check cord (if equipped) to be sure it is plugged in. 	
OVEN DOES NOT HEAT; COOKTOPELEMENTS OK	Oven control set incorrectly	Check oven control.	
COOKTOP DOES NOT WORK; OVEN OK	Element(s) unpluggedImproper operation of control	Check element connections by removing and re-plugging element(s) firmly. Be sure knob is pushed in while turning.	
• FOODS DO NOT BAKE PROPERLY	 Oven not preheated long enough Improper rack or pan placement Oven vent blocked or covered Improper use of foil Improper temperature setting for utensil used Recipe not followed Range and oven rack not level Using improper cookware 	 Be sure to preheat until preheated indicator light goes out. Maintain uniform air space around pans and utensils; see cooking hints section. Drip bowl for right rear element must have hole in the center over the oven vent. Foil use not recommended. Reduce temperature 25° for glass or dull/darkened pans. Is recipe tested and reliable? Check the installation instructions for leveling instructions. See cooking hints. 	
OVEN TEMPERATURE SEEMS INACCURATE	Oven is too hot or too cool for your baking preference	See adjustments described in TEMPERATURE ADJUSTMENTS section.	
FOODS DO NOT BROIL PROPERLY	 Oven door closed Improper rack position 208 volts Oven preheated Improper utensil used Improper broiling time 	 Open door to broil stop position. Check broil pan placement; see Broiling section. You may need to use a higher rack position. Do not preheat when broiling. Use broiler pan and grid supplied with range. Check broiling chart. 	

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BEFORE CALLING FOR SERVICE (continued)

PROBLEM	POSSIBLE CAUSE	DON'T CALL FOR SERVICE UNTIL YOU CHECK	
OVEN SMOKES	Dirty Oven Broller pan full of grease left in oven	 Check for heavy spillover. Check pan and grid after each use. 	
OVEN DOOR ACCI- DENTALLY LOCKED WHILE BAKING OR BROILING	Oven has heated to high temperatures	Turn Oven Set Knob to OFF. Allow oven to cool until lock handle slides easily. Never force door lock/unlock handle.	
OVEN WILL NOT SELF-CLEAN OR POOR SELF-CLEAN- ING RESULTS	Controls set incorrectly Clean cycle interrupted too soon Oven too dirty	 See self-clean instructions. Heavily solled ovens require a 4 hr. and 20 min. clean cycle. Heavy spillovers should be removed before setting clean cycle. Repeat clean cycle. 	
OVEN DOOR WILL NOT UNLOCK	Clean cycle not complete Door accidentally locked while baking or broiling	 Oven must cool below lock temperature. Turn oven control to OFF. Wait until oven cools and door will unlock. Do not force the door lock. 	

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"DO-IT-YOURSELF" OVEN TEMPERATURE ADJUSTMENT

You may feel that your new oven cooks differently than the oven it replaced. We recommend that you use your new oven a few weeks to become more familiar with it, following the times given in your recipes as a guide.

Your oven has been preset to maximize cooking efficiency. If you think your new oven is too hot (burning foods), or not hot enough (foods are undercooked) you can adjust the temperature yourself. The appearance and texture of foods is a better indicator of oven accuracy than an inexpensive oven themometer. We do not recommend the use of inexpensive thermometers, such as those found in the grocery store, to readjust the temperature setting of your new oven. These thermometers can vary by 20°-40°F. Also, you must open the oven door to read the thermometer and this changes the temperature of the oven.

To decide how much to change the temperature, set the oven temperature 25°F higher (if foods are undercooked) or 25°F lower (if foods are burning) than the temperature in your recipe, then bake. The results of this "test" should give you an idea of how much the temperature should be changed.

To adjust temperature follow these instructions:

 Press and hold down the HR. UP and DOWN arrow pads at the same time, until the display shows a two digit number.



(This two digit number may vary according to the original factory setting.)

- 2. Press the **HR. UP** arrow pad to increase the temperature up to +35°F hotter.
 - Press the **HR. DOWN** arrow pad to decrease the temperature by -35°F cooler.
- 3. When this adjustment has been made the display will return to the time of day clock.

Your oven's thermostat will retain this temperature adjustment until each of the three steps above are repeated. This adjustment will remain in memory even after a power failure.

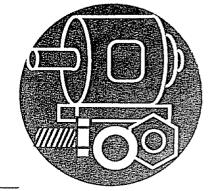
You will not need to do anything else. Bake as you normally would. This adjustment will not affect broil or clean temperature.

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For the repair or replacement parts you need delivered directly to your home
Call 7 am - 7 pm, 7 days a week

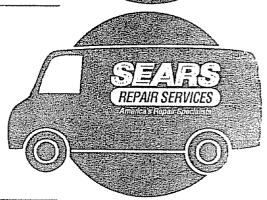
1-800-366-PART

(1-800-366-7278)



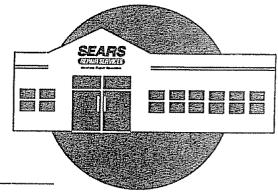
For in-home major brand repair service Call 24 hours a day, 7 days a week

1-800-4-REPAIR (1-800-473-7247)



For the location of a Sears parts and Repair Center in your area Call 24 hours a day, 7 days a week

1-800-488-1222

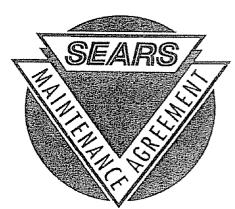


For information on purchasing a Sears
Maintenance Agreement or to inquire
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Call 9 am - 5 pm, Monday-Saturday

1-800-827-6655



America's Repair Specialists



KENMORE ELECTRIC RANGE WARRANTY

Dear Customer:

Our constant efforts are directed toward making sure your new Kenmore Range will arrive at your home in perfect condition and will give you proper performance. As part of these efforts, we feel it is our responsibility to provide you with this warranty for your range.



FULL ONE YEAR WARRANTY ON THE FUNCTIONING OF ALL PARTS EXCEPT GLASS PARTS

If, within one year from the date of installation, any part, other than a glass part, fails to function properly due to a defect in material or workmanship, Sears will repair or replace it, free of charge.

FULL 30-DAY WARRANTY ON GLASS PARTS AND FINISH OF PORCE-LAIN ENAMEL, PAINTED OR BRIGHT METAL FINISHED PARTS

If, within 30 days from the date of installation, any glass part or the finish on any porcelain enamel, painted or bright metal part is defective in material or workmanship, Sears will replace the part, free of charge.

FULL 90-DAY WARRANTY ON MECHANICAL ADJUSTMENTS For 90 days from the date of installation, Sears will provide, free of charge, any mechanical adjustments necessary for proper operation of the range,

If the range is subjected to other than private family use, the above warranty coverage is effective for only 90 days.

WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES

This warranty applies only while this product is in use in the United States. 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. 720PSO 3333 Beverly Road Hoffman Estates, IL 60179

WE SERVICE WHAT WE SELL

except for normal maintenance.

"We Service What We Sell" is our assurance to you that you can depend on Sears for service because Sears service is nationwide.

Your Kenmore Range has added value when you consider that Sears has a service unit near you staffed by Sears trained technicians... professional technicians specifically trained on Sears appliances, having the parts, tools and equipment to ensure that we meet our pledge to you — "We Service What We Sell!"

TO FURTHER ADD TO THE VALUE OF YOUR RANGE, BUY A SEARS MAINTENANCE AGREEMENT.

Kenmore Ranges are designed, manufactured and tested for years of dependable operation. Yet, any modern appliance may require service from time to time. The Sears Warranty plus the Sears Maintenance Agreement provides protection from unexpected repair bills and assures you of enjoying maximum range efficiency.

Here's a comparative warranty and Maintenance Agreement chart showing you the benefits of a Sears Range Maintenance Agreement.

Years	of Ownership Coverage	1st Year	2nd Year	3rd Year
1	Replacement of Defective Parts other than Porcelain or Glass	W	MA	MA
2	Mechanical Adjustment	90 DAYS	MA	MA
3	Porcelain and Glass Parts	30 DAYS	AM	MA
4	Annual Preventive Mainten- ance Check at your request	MA	AM	MA

W - Warrenty MA - Maintenance Agreement

CONTACT YOUR SEARS SALESPERSON OR LOCAL SEARS SERVICE CENTER TODAY AND PURCHASE A SEARS MAINTENANCE AGREEMENT.

Kenmore® America's Best Selling Appliance Brand

Sold by SEARS, ROEBUCK AND CO., Hoffman Estates, IL 60179