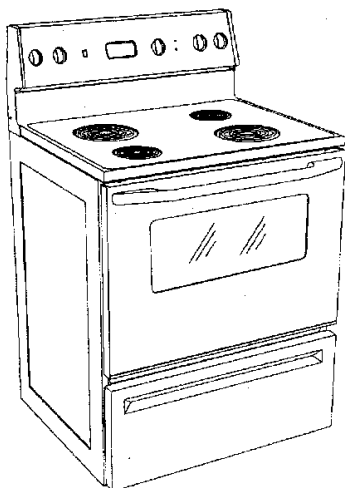


# Owner's Guide



## 30-inch Electric Range

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**INSTALLER** Please leave  
this manual with this appliance.

**CONSUMER** To save you  
time, energy and money, read  
and keep this manual for future  
reference.

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

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

Model and serial numbers are on the rating plate. See page 5 for location.  
Please keep your sales receipt and/or your cancelled check as proof of  
purchase should warranty service be needed.

**FOR CUSTOMER ASSISTANCE CALL 1-800-688-1120**

**8113P144-60**  
(04-97-00)

74003402

**Thank You** . . . for purchasing our cooking appliance. To help you obtain the maximum in cooking satisfaction, we offer these suggestions:

☞ Read this manual before using the appliance.

☞ Review all safety and caution instructions.

☞ Review the Troubleshooting Chart on pages 22 to 24 if service becomes necessary.

☞ Include the model and serial numbers of your appliance when requesting service.

- Proof of purchase such as sales receipt will be needed for warranty service.

☞ You can contact us at:

Customer Assistance  
% Maytag Customer Service  
P. O. Box 2370  
Cleveland, TN 37320-2370  
**1-800-688-1120**

In our continuing effort to improve the quality and performance of our cooking appliances, it may be necessary to make changes to the appliance without revising this manual.

**Read and follow all instructions before using this appliance** to prevent the potential risk of fire, electric shock, personal injury or damage to the appliance as a result of improper usage of the appliance. Use appliance only for its intended purpose as described in this manual.

## IN CASE OF FIRE

Turn off appliance and ventilating hood to avoid spreading the flame. Extinguish flame then turn on hood to remove smoke and odor.

- **Cooktop:** Smother fire or flame in a pan with a lid or cookie sheet.

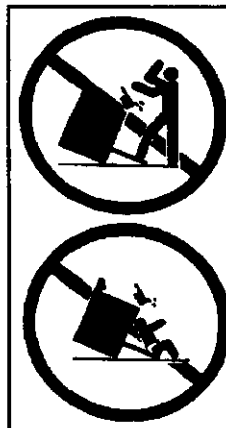
**NEVER** pick up or move a flaming pan.



- **Oven:** Smother fire or flame by closing the oven door.

Do not use water on grease fires. Use baking soda, a dry chemical or foam-type extinguisher to smother fire or flame.

**To ensure proper and safe operation:** Appliance must be properly installed and grounded by a qualified technician.



## WARNING

- **ALL RANGES CAN TIP AND CAUSE INJURIES TO PERSONS.**
- **INSTALL ANTI-TIP DEVICES PACKED WITH RANGE.**
- **FOLLOW ALL INSTALLATION INSTRUCTIONS.**

**WARNING:** To reduce risk of tipping of the appliance from abnormal usage or by excessive loading of the oven door, the appliance must be secured by a properly installed anti-tip device.

Check if device is properly installed.

- For models with a storage drawer, remove drawer.
- For models without drawer: Remove the four screws that secure the lower panel to the range.

Look underneath range to make sure one of the rear leveling legs is properly engaged in the bracket slot. The anti-tip device secures the rear leveling leg to the floor when properly engaged. You should check this **anytime** the range has been moved.

## CHILD SAFETY

**NEVER** leave children alone or unsupervised in area where appliance is in use or is still hot.

**NEVER** allow children to sit or stand on any part of the appliance as they could be injured or burned.

**CAUTION: NEVER** store items of interest to children in cabinets above an appliance or on backguard of a range. Children climbing on appliance, door or drawer to reach items could damage the appliance or be burned or seriously injured.



Children must be taught that the appliance and utensils in or on it can be hot. Let hot utensils cool in a safe place, out of reach of small children. Children should be taught that an appliance is not a toy. Children should not be allowed to play with controls or other parts of the unit.

# IMPORTANT SAFETY INSTRUCTIONS

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## GENERAL INSTRUCTIONS

**WARNING: NEVER** use appliance door, or drawer, if equipped, as a step stool or seat as this may result in possible tipping of the appliance, damage to the appliance, and serious injuries.



If appliance is installed near a window, proper precautions should be taken to prevent curtains from blowing over surface elements.

**NEVER** use appliance to warm or heat the room. Failure to follow this instruction can lead to possible burns, injury, fire, or damage to the appliance.



**NEVER** wear loose-fitting or hanging garments while using the appliance. Clothing could catch utensil handles or ignite and cause burns if garment comes in contact with hot heating elements.

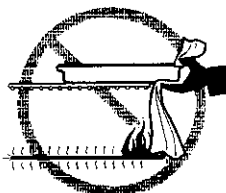


To ensure proper operation and to avoid damage to the appliance or possible injury, do not adjust, service, repair or replace any part of the appliance unless specifically recommended in this manual. Refer all other servicing to a qualified technician.

**NEVER** store or use gasoline or other combustible or flammable materials in the oven, near surface units or in the vicinity of this appliance as fumes could create a fire hazard or an explosion.

To prevent grease fires, do not let cooking grease or other flammable materials accumulate in or near the appliance.

Use only dry potholders. Moist or damp potholders on hot surfaces may result in a steam burn. Do not let potholder touch hot heating elements. Do not use a towel or other bulky cloth which could easily touch hot heating elements and ignite.



Always turn off all controls when cooking is completed.

**NEVER** heat unopened containers on the surface unit or in the oven. Pressure build-up in the container may cause container to burst resulting in burns, injury or damage to the appliance.

**NEVER** use aluminum foil to line drip bowls, or to cover an oven rack or oven bottom. Misuse could result in risk of electric shock, fire, or damage to the appliance. Use foil only as directed in this manual.

## COOKTOP

**NEVER** leave surface units unattended especially when using high heat settings. An unattended boilover could cause smoking and a greasy spillover can cause a fire.



This appliance is equipped with different size surface elements. Select pans having flat bottoms large enough to cover element. Proper relationship of pan to element will improve cooking efficiency.

If pan is smaller than element, a portion of the element will be exposed to direct contact and could ignite clothing or potholder.



Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for cooktop or oven service without breaking due to the sudden change in temperature. Follow utensil manufacturer's instructions when using glass.

Turn pan handle toward center of cooktop, not out into the room or over another surface element. This reduces the risk of burns, ignition of flammable materials, or spillage if pan is accidentally bumped or reached by small children.



To prevent damage to removable heating elements, do not immerse, soak or clean in a dishwasher or self-clean oven. A damaged element could short resulting in a fire or shock hazard.

Make sure drip bowls are in place as absence of these bowls during cooking could damage wiring or parts.

## SMOOTHTOP

**NEVER** cook on broken cooktop. If cooktop should break, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. Contact a qualified technician immediately.

Clean cooktop with caution. Some cleaners can produce noxious fumes if applied to a hot surface. If a wet sponge, cloth, or paper towel is used to wipe spills on a hot cooking area, be careful to avoid steam burn.

**OVEN**

Use care when opening door. Let hot air or steam escape before removing or replacing food.

For proper oven operation and performance, do not block or obstruct oven vent duct.



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

**VENTILATING HOODS**

Clean range hood and filters frequently to prevent grease or other flammable materials from accumulating on hood or filter and to avoid grease fires.

Turn the fan off when flambéing foods (such as Cherry Jubilee) under the hood. The fan, if operating, may spread the flame.

**DEEP FAT FRYERS**

Use extreme caution when moving the grease kettle or disposing of hot grease. Allow grease to cool before attempting to move pan.

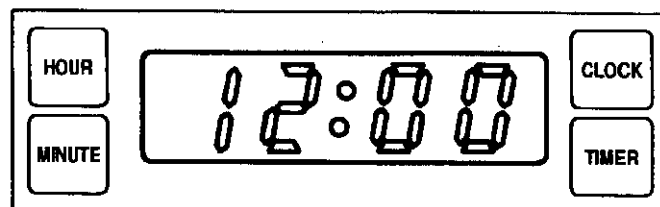
**HEATING ELEMENTS**

**NEVER touch surface or oven heating elements, areas near elements or interior surfaces of oven.**



Heating elements may be hot even though they are dark in color. Areas near surface elements and interior surfaces of an oven may become hot enough to cause burns. During and after use, do not touch or let clothing or other flammable materials contact heating elements, areas near elements, or interior surfaces of oven until they have had sufficient time to cool.

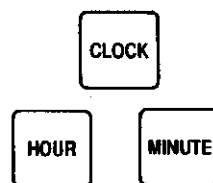
Other potentially hot surfaces include: Cooktop, areas facing the cooktop, oven vent opening, surfaces near the vent opening, oven door, areas around the door, and oven window.

**CLOCK AND TIMER**

The electronic clock and timer display on select models will flash when range is first connected to power or if power is interrupted. The display will stop flashing once the time-of-day clock has been set.

**TO SET CLOCK:**

1. Press CLOCK pad.
2. Press and hold or tap HOUR pad to set correct hours.
3. Press and hold or tap MINUTE pad to set correct minutes.

**TO SET TIMER:**

1. Press TIMER pad. 0:59, or one hour, will appear in the display.



**NOTE:** The timer will automatically begin counting down in increments of one minute.

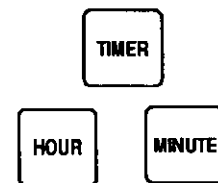
**2. To set the timer for less than one hour:**

Press TIMER pad then press and hold or tap MINUTE pad until the desired time appears in the display.

**3. To set the timer for more than one hour:**

Press the TIMER pad then –

- Press HOUR pad. 1:59, or two hours, will appear in the display.
- Press MINUTE pad until the desired minutes appear in the display.



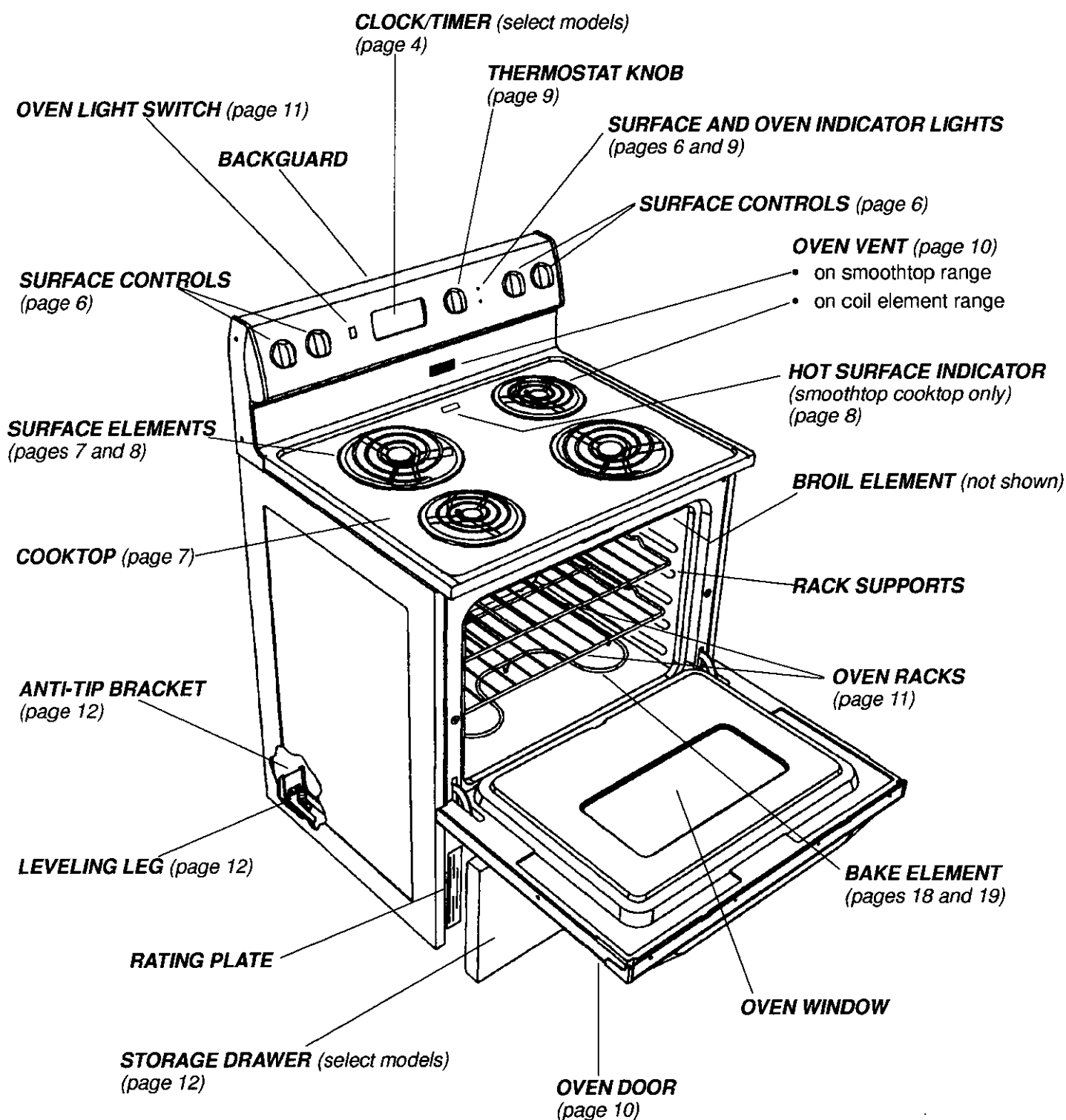
**NOTE:** Two hours is the maximum time that can be set.

4. When the time has elapsed, 0:00 will appear in the display and continuous beeps will sound.

5. Press CLOCK pad to cancel the beeps. The current time of day will reappear in the display.



**To cancel the timer:** Press CLOCK pad and the display will return to the current time of day.





## CAUTION

## Before cooking . . .

- Always place a pan on the surface unit **before** you turn it on. To prevent damage to range, **never** operate surface unit without a pan in place.
- **NEVER** use the cooktop as a storage area for food or cookware.
- Be sure you know which knob controls which surface unit. Make sure you turned on the correct surface unit.

## During cooking . . .

- Begin cooking on a higher heat setting then **reduce** to a lower setting to complete the operation. Never use a high heat setting for extended cooking.
- **NEVER** allow a pan to boil dry. This could damage the pan and the appliance.
- **NEVER** touch cooktop until it has cooled. Expect some parts of the cooktop, especially around the surface units, to become warm or hot during cooking. Use potholders to protect hands.

## After cooking . . .

- Be sure surface element is off after cooking.
- Clean up greasy spills as soon as possible.

## Other tips . . .

- To eliminate the hazard of reaching over hot surface elements do not install cabinet storage directly above a unit.

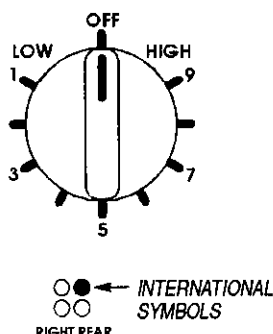
If storage is provided, limit it to items that are infrequently used and can be safely stored in an area subjected to heat.

Temperatures may be unsafe for items such as volatile liquids, cleaners or aerosol sprays.

- Aerosol-type spray cans are **EXPLOSIVE** or highly flammable when exposed to heat. Avoid their use or storage near an appliance.
- **NEVER** leave any items, especially plastic items, unattended on the cooktop. The hot air from the vent may ignite flammable items, melt or soften plastics, or increase pressure in closed containers causing them to burst.
- **NEVER** allow aluminum foil, meat probes or any other metal object, other than a utensil on a surface element, to contact heating elements.

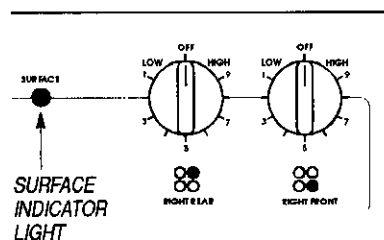
## HOW TO OPERATE SURFACE UNIT

1. Place pan on surface unit.
2. Push in and turn knob to desired setting.
  - Each knob is identified by international symbols located below each knob.
  - Knob can be turned in either direction.
  - Knob can be set on any number or between any numbers.
3. After cooking, turn knob to OFF then remove pan.



## SURFACE INDICATOR LIGHT

A SURFACE indicator light located on the backguard will turn on whenever a surface unit is turned on. Light will turn off when surface unit is turned off.



# ABOUT YOUR RANGE – the cooktop

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## COOKTOP

Freestanding ranges with a coil element cooktop will feature a lift-up cooktop.

The cooktop does not lift up on these models:

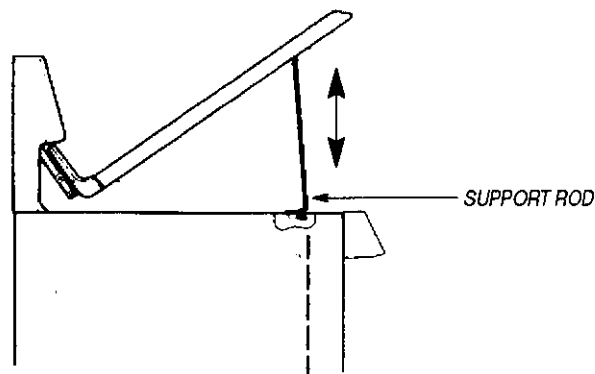
- Smoothtop cooktop
- Slide-in or drop-in range

To prevent staining or discoloration of cooktop:

- Clean cooktop after each use.
- Wipe acid or sugar stains as soon as they occur as these stains may discolor or etch the porcelain.

### To raise the cooktop:

1. When cool, grasp the front edge of the cooktop.
2. Gently lift up until the two support rods, at the front of the cooktop, snap into place.



### To lower the cooktop:

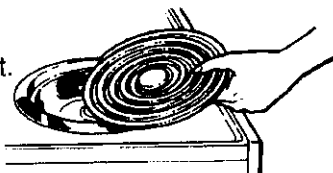
1. Hold the front edge of the cooktop and carefully push back on each support rod to release the notched support.
2. Then gently lower the top into place. The support rods will slide into the range frame.

## COIL ELEMENTS

- When an element is turned on, it will cycle on and off to maintain the heat setting.
- Coil surface elements are self-cleaning.
- Do not immerse elements in water.

### To remove element:

1. When cool, raise element.
2. Carefully pull out and away from receptacle.



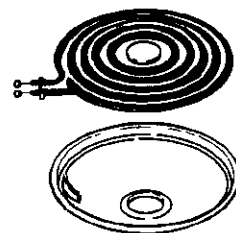
### To replace element:

1. Insert terminals on the element into receptacle.
2. Gently lift up on outer edge of element while inserting terminals into receptacle.
3. Gently press down on outer edge of element until element sits level on drip bowl.



## DRIP BOWLS

- Be sure drip bowl is properly installed and in place.
- Drip bowl will not "rock" when installed properly. Notch above opening on bowl should be centered over screw that secures receptacle to the cooktop.
- Absence of these bowls during cooking may subject wiring or component parts underneath the cooktop to damage.
- To prevent risk of electric shock or fire, never line drip bowls with aluminum foil.



Your range will be equipped with either chrome plated or porcelain coated steel drip bowls.

- **Chrome** drip bowls will turn blue or gold over time or if overheated. This type of discoloration is normal and permanent. It will not affect cooking performance.
- To protect the **chrome** or **porcelain** finish:
  - Avoid using high settings for long periods of time.
  - Reduce to a lower setting once food begins cooking.
  - Do not use oversized cookware. Pan should not extend more than 1 inch from the element.
  - Clean bowls after each use.



## CAUTION

**NEVER** use cooktop if the smoothtop is cracked, broken, or if metal melts onto the top. Call an authorized servicer. Do not attempt to repair it yourself.

### SMOOTHTOP COOKTOP

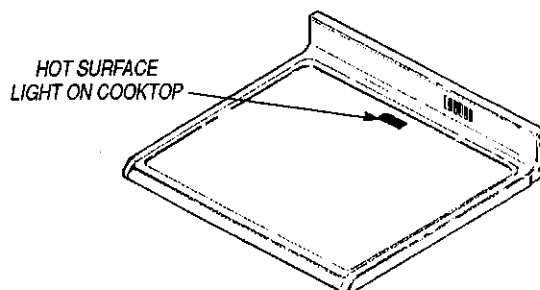
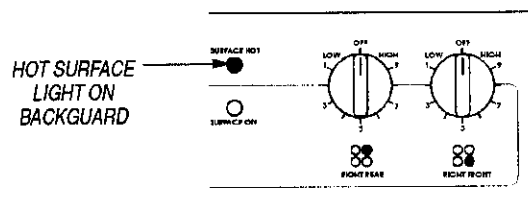
- Cooktop may emit a light smoke and odor the first few times cooktop is used. This is normal.
- Element under smoothtop cycles on and off to maintain the preset heat setting. Element will glow red when it cycles ON.
- Smoothtop **RETAINS** heat for a period of time after the unit is turned off. When the **HOT SURFACE** light turns off, cooktop will be cool enough to touch.
- Before using cooktop for the first time, clean it thoroughly as directed in the cleaning chart on page 16. This will protect the smoothtop and will guarantee a clean cooktop when the elements are turned on.

**Aluminum foil** will damage the smoothtop if it melts onto the top. Never use aluminum foil or foil-type disposable containers such as popcorn poppers. They may leave metal marks or may permanently melt onto the smoothtop.

**Important:** Watch sugary or starchy solutions carefully to avoid boilovers. If a sugar solution (jam, jelly, candy) or a starch solution (potatoes, rice) boils over, it may pit or discolor the smoothtop. Turn element to **LOW** and clean **immediately**. See page 15 for cleaning instructions.

### HOT SURFACE LIGHT

**HOT SURFACE** light will turn on when smoothtop cooktop is hot. Light will turn off when top cools. Hot surface light is located either on the backguard or at the back center of the cooktop.



### TIPS TO PROTECT SMOOTHTOP COOKTOP

#### TO PROTECT SMOOTHTOP from scratching, chipping, etching, or metal marks:

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Clean smoothtop after each use.</li> <li><input type="checkbox"/> Never let pan boil dry as this will permanently damage top.</li> <li><input type="checkbox"/> Never use smoothtop as a work surface or cutting board.</li> <li><input type="checkbox"/> Never cook food directly on smoothtop.</li> <li><input type="checkbox"/> Never place trivet or wok ring between top and pan. These items can mark or etch the top.</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Never place plastics on warm or hot smoothtop. Plastic may melt onto top. Top may chip or pit in attempting to remove plastic.</li> <li><input type="checkbox"/> Never leave sugar, salt, sand, soil, shortening, or fat on smoothtop. They may scratch or damage top.</li> <li><input type="checkbox"/> Only use flat-bottom pans that are free of soil, rough areas, nicks or scratches as these may soil or scratch the top.</li> </ul> |
|---|--|



## OVEN CONTROLS

The OVEN TEMP knob is used to select the oven temperature.

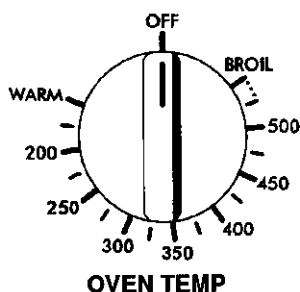
Always turn this knob just TO the desired temperature.

To accurately set the oven temperature, do not turn to a higher temperature and then back.

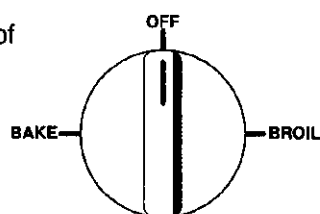
The SELECTOR knob, select models, determines the type of oven operation.

Turn this knob to the desired setting.

Each setting is identified by an indent (stop) and a "click" sound.



OVEN TEMP



SELECTOR

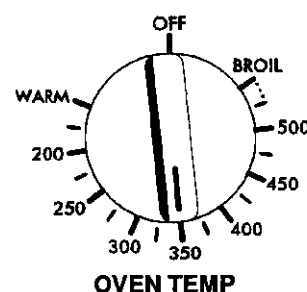
## HOW TO SET OVEN TO BAKE

1. When cool, position rack in oven.
2. Turn OVEN TEMP knob to desired temperature.
3. Turn SELECTOR knob, select models, to BAKE.

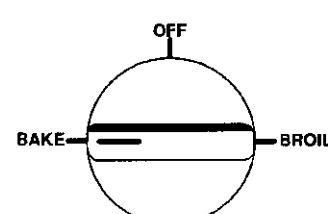
**NOTE:** Oven will not operate if the SELECTOR knob is left in the OFF position.

4. Place food in center of oven, allowing a minimum of 2 inches between utensil and oven walls.
5. Check food for doneness at minimum time in recipe. Cook longer if necessary.

6. Remove food from the oven and turn the OVEN TEMP knob and the SELECTOR knob, select models, to OFF.



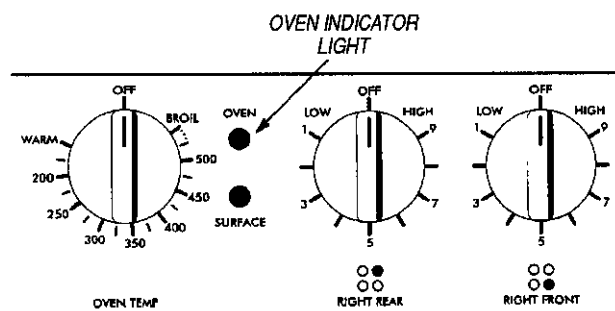
OVEN TEMP



SELECTOR

## OVEN INDICATOR LIGHT

The OVEN indicator light, located on the backguard, turns on whenever the oven turns on.



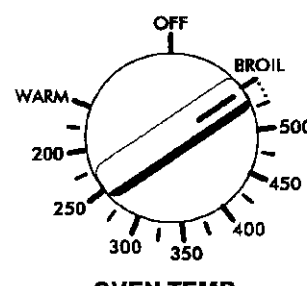
When the oven reaches the preset temperature, the indicator light turns off. The OVEN indicator light will then turn off and on as the oven elements cycle off and on to maintain the preset oven temperature.

## HOW TO SET OVEN TO BROIL

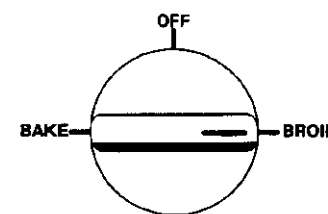
1. Place oven rack on the recommended rack position.
2. Turn OVEN TEMP knob to BROIL or, for lower temperature broiling, to 450°F.
3. Turn SELECTOR knob, select models, to BROIL.

**NOTE:** Oven will not operate if the SELECTOR knob is left in the OFF position.

4. If desired, preheat broil element 3 minutes before placing meat in the oven.
5. Turn meat once about halfway thru cooking.
6. Remove food from oven and turn the OVEN TEMP knob and the SELECTOR knob, select models, to OFF.



OVEN TEMP



SELECTOR

## OVEN DOOR

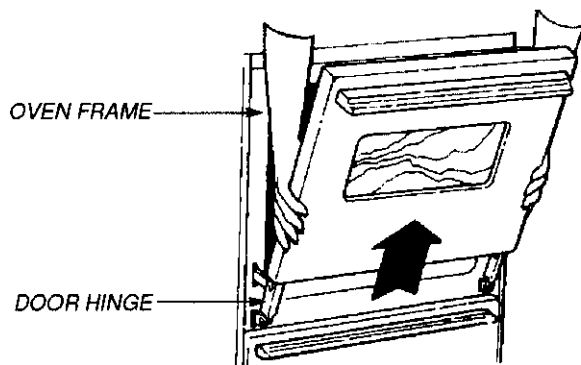


- **WARNING: NEVER** place excessive weight on or stand on an open oven door. This could cause the range to tip over, break the door, or injure the user.
- **NEVER** place fingers between hinge and front oven frame. Hinge arms are spring mounted. If accidentally hit, the hinge will slam shut against oven frame and could injure your fingers.

When baking, be sure oven door is completely closed. Baking results will be affected if door is not closed.

**To remove lift-off oven door:**

1. When cool, open oven door to the broil stop position (opened about 4-inches).
2. Grasp door at each side.
3. Lift up evenly until door clears hinge arms. Do not use door handle to lift door.

**To replace lift-off oven door:**

1. Grasp door at each side.
2. Align slots in door with hinge arms on range.
3. Slide door down onto hinge arms until door is seated on hinges. Then push down on top corners of door to completely seat door on hinges.

Door is not completely seated if one side is higher or if door appears to be crooked.

Do not attempt to open or close door or operate oven until door is properly replaced.

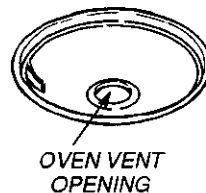
## OVEN VENT



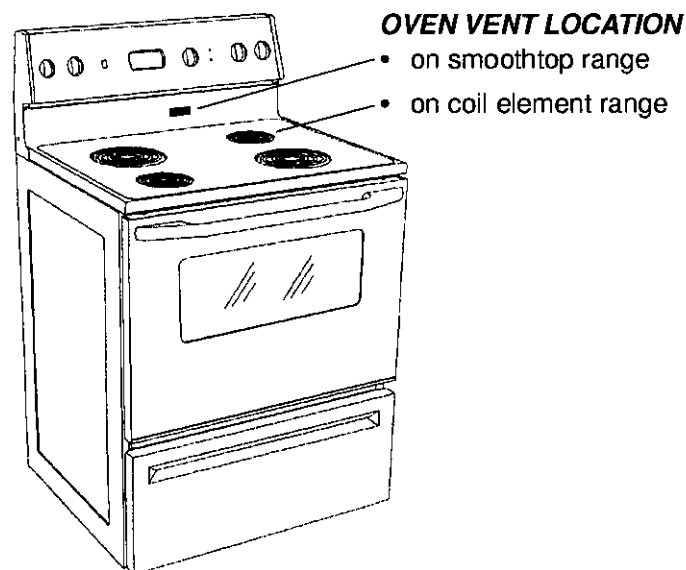
When oven is in use, the area near the oven vent opening may feel warm or hot to the touch.

On **coil element** cooktops, the oven vent is located at the **RIGHT REAR** element.

- Be sure drip bowl for the right rear element has a hole in the center to allow proper oven venting.
- Do not cover this drip bowl with aluminum foil as this will block proper oven venting and may affect baking results.



On a **smoothtop**, the vent is located at the center of the backguard.



# ABOUT YOUR RANGE – oven parts

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## OVEN LIGHT



**CAUTION**

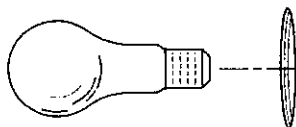
- Disconnect power to range by tripping circuit breaker or removing fuse before replacing light bulb.
- Be sure bulb is cool before touching or replacing bulb.
- Use a dry potholder to prevent possible harm to hands when replacing bulb.
- Do not touch hot bulb with a damp cloth as this may cause the bulb to break.

**To turn on the oven light:** Push in rocker switch located on the backguard.



### **To replace oven light bulb:**

1. Disconnect power to range.
2. Remove light bulb and replace with a 40 watt appliance bulb.



3. Reconnect power to range. Reset clock, if equipped.

## OVEN RACK



**CAUTION**

Do not attempt to change the rack position when the oven is hot.

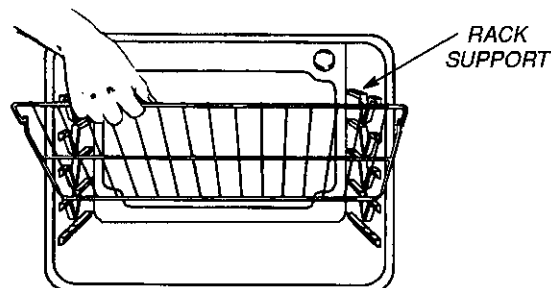
The oven rack is designed with a safety lock-stop position. This prevents the rack from accidentally coming completely out of the oven when pulling the rack out to add or remove food.

### **To remove oven rack:**

1. When rack is cool, pull rack straight out until it stops at the lock-stop position.

**NOTE:** If it is necessary to change rack position when rack is hot, use potholders to protect hands.

2. Tilt the front end of the rack up.
3. Continue pulling rack out of oven.



### **To replace oven rack:**

1. Place rack on the rack supports in oven.
2. Tilt the front end of the rack up slightly.
3. Slide rack back until it clears the lock-stop position.
4. Lower front of rack and slide rack straight back into oven.
5. Pull rack out to the lock-stop position to be sure rack is correctly replaced. Push rack back into oven and close oven door.

**STORAGE DRAWER****CAUTION**

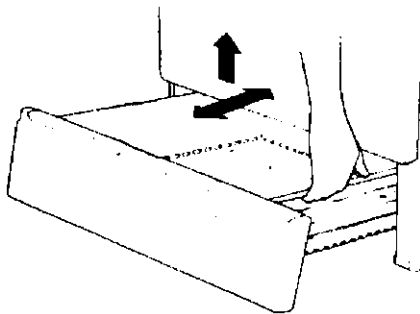
Do not store plastic, paper products, food or flammable materials in this drawer. The drawer may become too warm for these items when the oven is in use.

The storage drawer at the bottom of the range is safe and convenient for storing metal and glass cookware.

The storage drawer can be removed to clean under the range.

**To remove storage drawer:**

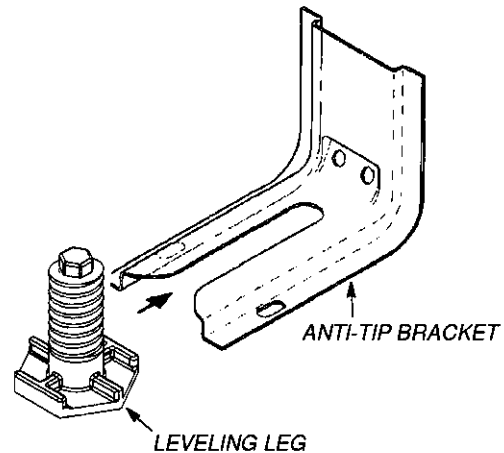
1. Pull drawer out to the first stop position.
2. Lift up front of drawer.
3. Pull out to the second stop position.
4. Grasp sides and lift drawer up and out.

**To replace storage drawer:**

1. Fit the rollers located at the ends of the drawer glides into the rails on the range.
2. Lift up front of drawer and gently push in to first stop position.
3. Lift drawer up again and push until drawer is closed.

**LEVELING LEGS****CAUTION**

**WARNING:** The anti-tip bracket provided with this range must secure one of the rear leveling legs to the floor. This bracket prevents the range from accidentally tipping.



The installer should level the range when it is installed. If the range is not level, turn the leveling legs, located at each corner of the range, until range is level. Place level on an oven rack to determine if range is level.

Cooking results can be affected if the range was not properly leveled during installation.

# ABOUT CLEANING – cleaning chart

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## CAUTION

- Be sure appliance is off and all parts are cool before handling or cleaning. This is to avoid damage and possible burns.
- If a part is removed, be sure it is correctly replaced.
- To prevent staining or discoloration, clean appliance after each use.

## CLEANING CHART

PARTS	CLEANING AGENTS	CLEANING PROCEDURES
<b>Broiler pan and insert, Select models</b>	<ul style="list-style-type: none"> <li>• Soap and water</li> <li>• Plastic or soap filled scouring pad</li> <li>• Dishwasher</li> </ul>	<p><b>Never cover insert with aluminum foil as this prevents the fat from draining to pan below.</b></p> <ol style="list-style-type: none"> <li>1. Remove from oven after use. Cool then pour off grease.</li> <li>2. Place soapy cloth over insert and pan; let soak to loosen soil.</li> <li>3. Wash in warm soapy water. Use soap filled scouring pad to remove stubborn soil.</li> <li>4. Broiler pan and insert can be cleaned in the dishwasher.</li> </ol>
<b>Control knobs</b>	<ul style="list-style-type: none"> <li>• Soap and water</li> <li>• Mild liquid sprays</li> <li>• Glass cleaners</li> </ul>	<p>For ease of cleaning, turn off knob and remove by pulling forward.</p> <ol style="list-style-type: none"> <li>1. Wash, rinse, and dry. Do not use abrasive cleaning agents as they may scratch the finish and remove the markings.</li> <li>2. Turn on each element to be sure knobs have been correctly replaced.</li> </ol>
<b>Drip bowls, chrome</b>	<ul style="list-style-type: none"> <li>• Soap and water</li> <li>• Plastic scouring pads</li> <li>• Mild abrasive cleaners</li> <li>• Flitz Metal Polish</li> </ul>	<p><b>Do not cover drip bowls with aluminum foil.</b></p> <p>Bowls can permanently discolor over time, if exposed to excessive heat, or if soil is allowed to bake on. The discoloration will not affect the cooking performance.</p> <ol style="list-style-type: none"> <li>1. After each use, wash, rinse and dry.</li> <li>2. If heavily soiled, gently scrub with plastic scouring pad. If soil is allowed to burn on, it may be impossible to remove.</li> <li>3. A non-abrasive metal polish such as Flitz may be used to help remove blue/gold heat stains. Flitz is available in many automotive supply and hardware stores. These stains are caused by overheating, and normally occur over a period of time. They are usually permanent. Follow package directions.</li> </ol>
<b>Drip bowls, porcelain</b>	<ul style="list-style-type: none"> <li>• Soap and water</li> <li>• Mild abrasive cleaners</li> <li>• Plastic scouring pads</li> <li>• Dishwasher</li> </ul>	<p>Porcelain may discolor or craze over time, if overheated, or if soil is allowed to bake on. This is normal and will not affect cooking performance.</p> <ol style="list-style-type: none"> <li>1. When cool, wash after each use, rinse and dry to prevent staining or discoloration.</li> <li>2. To clean heavy soil, soak in hot sudsy water, then use mild abrasive cleaner and plastic scouring pad.</li> </ol>
<b>Elements, oven and coil</b>		<ol style="list-style-type: none"> <li>1. Elements are self-cleaning. Soil will burn off as elements are used.</li> <li>2. Do not spray oven cleaner on elements, electrical hook up or connection.</li> <li>3. Do not immerse coil-type surface elements in water.</li> </ol>
<b>Enamel, painted</b> <ul style="list-style-type: none"> <li>• Backguard</li> <li>• Oven door</li> <li>• Side panels</li> <li>• Storage drawer or lower panel</li> </ul>	<ul style="list-style-type: none"> <li>• Soap and water</li> <li>• Mild liquid cleaner</li> <li>• Glass cleaner</li> </ul>	<p><b>NOTE:</b> Use dry towel or cloth to wipe up spills, especially acid (milk, lemon juice, fruit, mustard, tomato sauce) or sugary spills. Surface may discolor or dull if soil is not immediately removed. This is especially important for white surfaces.</p> <ol style="list-style-type: none"> <li>1. When cool, wash with warm soapy water, rinse and dry. Never wipe a warm or hot surface with a damp cloth as this may damage the surface and may cause a steam burn.</li> <li>2. For stubborn soil, use mildly abrasive cleaning agents such as baking soda paste or Bon Ami.</li> <li>3. Do not use abrasive, caustic or harsh cleaning agents such as steel wool pads or oven cleaners. These products will scratch or permanently damage the surface.</li> </ol>

PARTS	CLEANING AGENTS	CLEANING PROCEDURES
<b>Glass</b> <ul style="list-style-type: none"> <li>Oven window</li> </ul>	<ul style="list-style-type: none"> <li>Soap and water</li> <li>Glass cleaner</li> <li>Paste of baking soda and water</li> </ul>	<p><b>To prevent staining of the oven window</b>, avoid using excessive amounts of water which may seep under or behind glass.</p> <ol style="list-style-type: none"> <li>Wash with soap and water. Remove stubborn soil with paste of baking soda and water. Rinse with clear water and dry.</li> <li>Do not use abrasive materials such as scouring pads, steel wool or powdered cleaning agents. They will damage glass.</li> </ol>
<b>Metal finishes such as brushed aluminum, or chrome</b> <ul style="list-style-type: none"> <li>Backguard</li> <li>Cooktop</li> <li>Oven door</li> <li>Storage door</li> <li>Trim parts</li> </ul>	<ul style="list-style-type: none"> <li>Soap and water</li> <li>Glass cleaner</li> <li>Plastic or non-abrasive pad or sponge</li> </ul>	<ol style="list-style-type: none"> <li>Wash with soap and water or a glass cleaner and a soft cloth.</li> <li>To prevent scratching or dulling of the finish, do not use mildly abrasive, abrasive, or harsh cleaners, or caustic cleaners such as oven cleaners.</li> <li>To clean <b>brushed aluminum</b>: Use only soap and water or a soft cloth and glass cleaner to prevent scratching or dulling of the finish.</li> <li>To clean <b>brushed chrome</b> cooktop or door: <ul style="list-style-type: none"> <li>Use a paste of baking soda and water and a soft cloth.</li> <li>Rub with the grain to prevent scratching, dulling or streaking of the finish.</li> <li>Use a soft cloth and mineral oil to restore luster or to remove fingerprints or smudges.</li> <li>Clean with an automotive chrome cleaner or polisher.</li> </ul> </li> </ol>
<b>Oven interior</b> (Continuous clean oven, select models)	<p>Cleaning action begins whenever the oven is on. The oven must be used for cleaning to take place. Higher oven temperatures and longer baking times speed the cleaning action.</p>	<p><b>NOTE:</b> See porcelain enamel below for cleaning the porcelain oven.</p> <ol style="list-style-type: none"> <li>To manually clean Continuous Clean Oven: Brush off heavy soil with a nylon or plastic pad.</li> <li>Do not use paper towels, cloths, or sponges because the oven walls are porous and particles of these materials will rub off on the walls.</li> <li>Do not use any type of oven cleaner, cleanser or detergent on this surface.</li> <li>Rinse area with clean water only.</li> </ol>
<b>Oven racks</b>	<ul style="list-style-type: none"> <li>Soap and water</li> <li>Plastic scouring pad</li> <li>Cleansing powders</li> <li>Soap-filled scouring pad</li> </ul>	<ol style="list-style-type: none"> <li>Clean with soapy water.</li> <li>Remove stubborn soil with cleansing powder or soap-filled scouring pad. Rinse and dry.</li> </ol> <p>Racks will permanently discolor and may not slide smoothly if left in the oven during a self-clean operation. If this occurs, wipe the rack and embossed rack supports with a small amount of vegetable oil to restore ease of movement, then wipe off excess oil.</p>
<b>Plastic finishes</b> <ul style="list-style-type: none"> <li>Door handles</li> <li>Backguard trim</li> <li>Knobs</li> <li>End caps</li> </ul>	<ul style="list-style-type: none"> <li>Soap and water</li> <li>Non-abrasive plastic pad or sponge</li> <li>Glass cleaner</li> </ul>	<p><b>NOTE:</b> To prevent staining or discoloration, wipe up fat, grease or acid (tomato, lemon, vinegar, milk, fruit juice, marinade) immediately with a dry paper towel or cloth.</p> <ol style="list-style-type: none"> <li>When cool, clean with soap and water, rinse, and dry.</li> <li>Use a glass cleaner and a soft cloth.</li> </ol> <p><b>NOTE:</b> Never use oven cleaners, abrasive or caustic liquid or powdered cleansers on plastic finishes. These cleaning agents will scratch or mar finish.</p>
<b>Porcelain enamel</b> <ul style="list-style-type: none"> <li>Cooktop on coil elements</li> <li>Trim on smoothtop cooktop</li> <li>Backguard</li> <li>Oven interior</li> </ul>	<ul style="list-style-type: none"> <li>Soap and water</li> <li>Paste of baking soda and water</li> <li>Non-abrasive plastic pad or sponge</li> <li>Oven cleaner (porcelain oven only)</li> </ul>	<p>Porcelain enamel is glass fused on metal and may crack or chip with misuse. It is acid resistant, not acid proof. All spillovers, especially acid or sugar spillovers, should be wiped up immediately with a dry cloth. This is especially important around the vent opening for smoothtop cooktop. Surface may discolor or dull if soil is not removed.</p> <ol style="list-style-type: none"> <li>When cool, wash with soapy water, rinse and dry.</li> <li>Never wipe off a warm or hot surface with a damp cloth. This may cause cracking and chipping.</li> <li>Never use oven cleaners, abrasive or caustic cleaning agents on exterior finish of range. Oven cleaners can only be used on porcelain oven cavity.</li> </ol>
<b>Silicone Rubber Door Gasket</b>	<ul style="list-style-type: none"> <li>Soap and water</li> </ul>	<p>Door gasket is located on the door plug. <b>DO NOT REMOVE GASKET.</b> Wash with soap. Rinse thoroughly.</p>

# ABOUT CLEANING – cleaning chart

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PARTS	CLEANING AGENTS	CLEANING PROCEDURES
<b>Smoothtop cooktop</b>	Never use oven cleaners, ammonia or glass cleaners with ammonia.	<b>NOTE:</b> Call an authorized servicer if the smoothtop should crack, break or if metal or aluminum foil should melt on the cooktop.
<ul style="list-style-type: none"> <li>To clean light to moderate soil</li> </ul>	<ul style="list-style-type: none"> <li>Cooktop Cleaning Creme*</li> <li>Soap and water</li> <li>Paste of baking soda and water</li> </ul>	Wait until cooktop has cooled before cleaning. Gently apply cleaning agent with a non-abrasive plastic brush, nylon or plastic pad, paper towel or clean cloth. Rinse thoroughly and completely dry.
<ul style="list-style-type: none"> <li>To clean heavy soil or brown/gray stains from hard water or metal marks</li> </ul>	<ul style="list-style-type: none"> <li>Cooktop Cleaning Creme*</li> </ul>	Gently scrub with cleaning creme and clean cloth or paper towel. Reapply cleaner. Cover with damp paper towels to keep cleaner moist. Let stand for 30 to 45 minutes. Scrub to remove remaining stain. Rinse and dry.
<ul style="list-style-type: none"> <li>To clean burned-on or crusty soils or residue</li> </ul>	<ul style="list-style-type: none"> <li>Single-edge safety razor blade</li> <li>Cooktop Cleaning Creme*</li> </ul>	Hold razor blade scraper at 30° angle and very carefully scrape off soil. Clean remaining soil with Cooktop Cleaning Creme.
<ul style="list-style-type: none"> <li>To clean sugar, starch, plastic</li> </ul>	<ul style="list-style-type: none"> <li>Single-edge safety razor blade held with a potholder</li> <li>Wooden spoon or plastic handled metal spatula</li> </ul>	Immediately turn element to LOW and scrape from hot surface to a cool area. Then turn element OFF and cool. Clean residue with razor blade scraper and cleaning creme.
<ul style="list-style-type: none"> <li>Aluminum foil</li> </ul>	<ul style="list-style-type: none"> <li>* Can be purchased from your dealer.</li> </ul>	Aluminum foil can not be removed once it melts on to the top. If the foil melts over a cooking area, the cooking area cannot be used as it may damage the cookware or damage the smoothtop.

## ABOUT CLEANING PRODUCTS

READ THE MANUFACTURER'S INSTRUCTIONS to be sure the cleaner can be safely used on this appliance. Carefully follow manufacturer's directions.

Test a small inconspicuous area using a very light pressure to see if the surface may scratch or discolor. This is particularly important for porcelain enamel, highly polished or shiny metal or plastic surfaces, and painted surfaces.

**Glass Cleaners** – Bon Ami, Cinch, Glass Plus, Windex.

**Dishwashing Liquid Detergents** – Dawn, Dove, Ivory, Joy.

**Mild Liquid Spray Cleaners** – Fantastik, Formula 409.

**Non-Abrasive Cleaners** – Bon Ami, paste of baking soda and water.

**Mildly Abrasive Powder or Liquid All Purpose Cleansers** – Ajax, Barkeepers Friend, Cameo, Comet, Soft Scrub.

**Non-Abrasive or Scratchless Plastic or Nylon Scouring Pads or Sponges** – Chore Boy Plastic Cleaning Puff, Scrunge Scrub Sponges, or Scotch-Brite No Scratch, Cookware or Kitchen Sponge.

**Abrasive Scouring Pads** – S.O.S., Brillo Steel Wool Soap, Scotch-Brite Pads.

*(Brand names for the above cleaning products are registered trademarks of the respective manufacturers.)*

## SELECTING HEAT SETTINGS

- If a higher setting is used to begin a cooking operation or to bring water to a boil, always **reduce** to a lower setting once cooking begins or water comes to a boil.
- For smoothtop cooking, it is better to select a lower setting and increase to a higher one later, if needed.
- Food will not cook faster at a setting that is higher than needed to maintain a gentle boil. The temperature of the water is the same whether boiling vigorously or gently.

## Factors affecting the heat setting include:

- Type, flatness and size of the cookware.
- Quantity and type of food being cooked.
- Use of a lid (covering pans speeds cooking and saves energy).
- Element voltage or voltage supply to your home.

## SUGGESTED HEAT SETTING GUIDE

When turning knob to HIGH, there is an indent to identify the HIGH setting.

**HIGH OR 9:** Use to bring liquid to a boil, blanch, preheat skillet, or reach pressure in a pressure cooker.

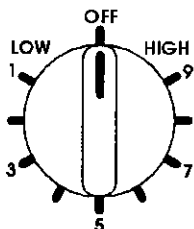
**Always** reduce to a lower heat setting when liquid just begins to boil or food begins to cook.

**MEDIUM-HIGH (7, 8):** Use to brown or sear meat; heat oil for deep fat frying; scald; to saute or fry. Maintain fast boil for large amounts of liquid.

**MEDIUM (4, 5, 6):** Use to maintain moderate to slow boil for large amounts of liquid. To continue cooking uncovered food and for most frying operations.

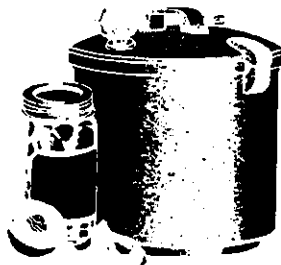
**MEDIUM-LOW (2,3):** Use to continue cooking covered food and to maintain pressure in most pressure cookers. Stew, braise or steam operations. To maintain boil for small amounts of liquid, poach, steam or simmer.

**LOW OR 1:** Use to keep food warm before serving. Melt chocolate or butter.



## CANNING INFORMATION

Acceptable water bath or pressure canners should not be oversized and should have flat bottoms.



When canners do not meet these standards, cooking times may be longer and the cooktop may be damaged.

On a smoothtop cooktop, the canner bottom should not extend more than one-inch beyond the cooking area.

Some canners are specifically designed for use on smoothtop (see illustration above).

A special canning element (model CE1) is available from your dealer for coil element cooktops. It elevates the canner above the cooktop to reduce trapped heat. This prevents damage to the porcelain surface and drip bowls.



CANNER ELEMENT  
(MODEL CE1)

When canning, use the HIGH setting just until the water comes to a boil or pressure is reached in the canner, then reduce to the lowest heat setting that maintains the boil or pressure. If the heat is not turned down, damage to the cooktop may occur.

Check with your local Extension Service or a manufacturer of glass jars for the latest canning information.



## ABOUT COOKWARE



### CAUTION

Never allow a pan to boil dry as this may damage the pan, cooktop and/or heating element.

To achieve optimum surface cooking performance, select heavy gauge, flat, smooth bottom pans that fit the size of the surface unit.

Proper pans will reduce cooking times, use less energy and cook food more evenly. Use these tests to determine if pan bottom is flat.

#### Ruler Test:

1. Place a ruler across the bottom of the pan.
2. Hold it up to the light. Little or no light should be visible under the ruler.

#### Bubble Test:

1. Put an inch of water into the pan, place on cooktop and turn control to HIGH.
2. Watch the bubble formation as the water heats.
  - Uniform bubbles = good performance.
  - Uneven bubbles = hot spots and uneven cooking.

#### Good Pans:

- Flat bottom, straight sides, and tight fitting covers.
- Made of a heavy gauge material that conducts heat well.
- Weight of handle does not tilt pan.
- Pan size matches the size of the surface unit. Pan should not extend more than 1-inch beyond the surface unit.



#### Poor Pans:

- Grooved or warped pan bottoms.
- Pan that is smaller than the surface unit.
- Thin gauge metal pans.
- Oversized pans or pans that rest across two coil elements. These will cause discoloration or damage to the drip bowls, damage to the porcelain cooktop, and may lengthen the cooking time on the smoothtop cooktop.
- Woks with round metal rings. The ring traps heat and may damage coil element, porcelain cooktop, and smoothtop cooktop.



## COOKWARE MATERIALS

The pan material determines how evenly and quickly heat is transferred from the heating element to the pan bottom.

### Aluminum

Excellent heat conductor. Avoid thin gauge aluminum. Some foods will cause it to darken or pit. Anodizing improves stain resistance and pitting. Often used as a bottom coating to improve the heating of other materials.

If you slide aluminum pans across smoothtop cooktops, they may leave metal marks. Remove these marks immediately to prevent permanent marks. (See page 15.)

### Copper

Excellent heat conductor. Discolors easily. Often used as a bottom coating to improve the heat conduction of other materials. May leave metal marks (see aluminum above).

### Stainless Steel

Slow heat conductor with uneven cooking if used alone. To improve heat conduction, copper or aluminum is used as a bottom coating or as an inner core between two layers of stainless. Durable, easy to clean and stain resistant.

### Cast Iron

Good heat conductor, but slow to heat. Cooks evenly once temperature is reached. Needs seasoning to prevent sticking and rusting.

### Porcelain Enamel

Glass-like substance fused to metal. Heating characteristics depend on base material (usually steel or cast iron).

### Glass-Ceramic

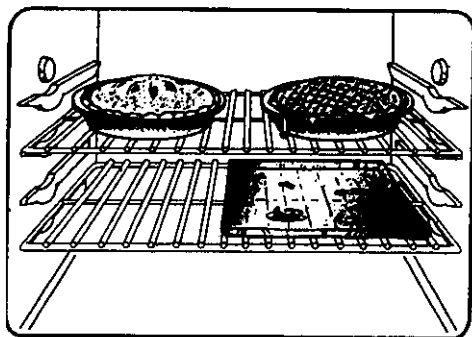
Slow heat conductor. Not recommended for smoothtop surfaces as it may scratch the smoothtop. Some types may only be used in the oven.

## ABOUT SPECIALTY COOKWARE

This appliance has been tested for safe performance using conventional cookware. Do not use any devices or accessories that are not specifically recommended in this manual. Do not use eyelid covers for the surface units, stove top grills, or add-on oven convection systems. The use of devices or accessories that are not expressly recommended in this manual can create serious safety hazards, result in performance problems, and reduce the life of the components of the appliance.

**ALUMINUM FOIL USAGE**

- Do not cover an entire oven rack or oven bottom with aluminum foil. This will reduce heat circulation, result in poor baking and may damage the oven bottom.
- A small piece of foil may be used to catch spillovers. Place it on a lower rack several inches below the food.



- Do not cover the broiler insert with aluminum foil. This prevents fat from draining into the pan below and increases flare-ups and smoke. However, the broiler pan may be lined with foil for easier clean-up.

**PREHEATING**

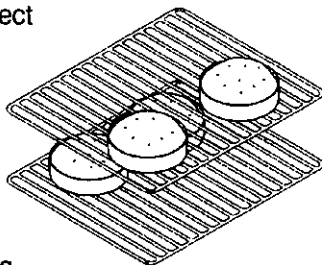
- Preheating is necessary for baking.
- It is not necessary to preheat for roasting.
- To preheat, set the oven to the desired temperature and allow about 8 to 15 minutes for the oven to preheat.
- When the oven reaches the preset temperature, the OVEN indicator light will turn off. The indicator light will then cycle on and off as the oven elements cycle on and off.
- Selecting a temperature higher than desired will NOT preheat the oven any faster, and may have a negative effect on baking results.

**RACK POSITIONS**

- For optimum results, air must circulate freely within the oven and around the food. To help ensure this, place food in the center of the oven. Allow two inches between the edge of the pan(s) and the oven walls.
- Use one rack for optimum baking results of cakes, cookies or biscuits.

Position the rack so the food is in the center of the oven. Use either rack position 2 or 3.

- If cooking on two racks, select models, stagger the food to ensure proper air flow.
- If cooking on two racks, select models, use rack positions 2 and 4 for cakes and rack positions 1 and 4 or 2 and 5 when using cookie sheets. Never place two cookie sheets on one rack.
- If roasting a large turkey, place the turkey on rack 1 and the side dishes on rack 5.



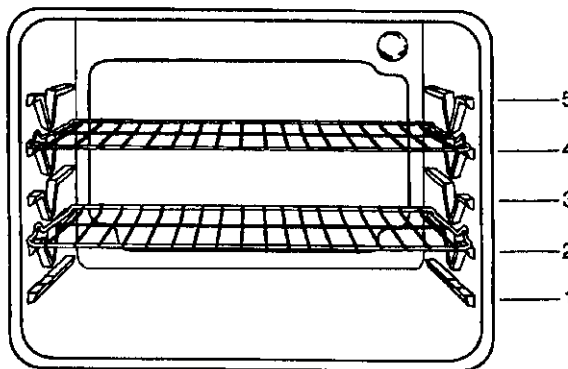
**RACK 5** (highest position): Used for toasting bread, or for two-rack baking.

**RACK 4:** Used for most broiling and two-rack baking.

**RACK 3:** Used for most baked goods on a cookie sheet or jelly roll pan, or frozen convenience foods, or for two-rack baking.

**RACK 2:** Used for roasting small cuts of meat, large casseroles, baking loaves of bread, cakes (in either tube, bundt, or layer pans) or two-rack baking.

**RACK 1:** Used for roasting large cuts of meat and large poultry, pies, souffles, or angel food cake, or for two-rack baking.



## BAKING TIPS

**Use a reliable recipe** and accurately measure fresh ingredients. **Carefully follow directions** for oven temperature and cooking time. Preheat oven if recommended.

**Use the correct rack position.** Baking results may be affected if the wrong rack position is used.

- Top browning may be darker if food is located toward the top of the oven.
- Bottom browning may be darker if food is located toward the bottom of the oven.

**Bakeware material** plays an important part in baking results. Always use the type and size of pan called for in the recipe. Cooking times or cooking results may be affected if the wrong size is used.

- **Shiny metal pan** reflects heat away from the food, produces lighter browning and a softer crust. Use shiny pans for baking cakes or cookies.
- **Dark metal pan or a pan with an anodized (dull) bottom** absorbs heat, produces darker browning and a

crisper crust. Use this type of pan for pies, pie crusts or bread.

- For optimum baking results, bake cookies and biscuits on a **flat** cookie sheet. If the pan has sides, such as a jelly roll pan, browning may not be even.
- If using **oven-proof glassware**, or **dark pans such as Baker's Secret** reduce the oven temperature by 25°F except when baking pies or bread. Use the same baking time as called for in the recipe.
- If using insulated bakeware, expect cooking times to increase slightly. It is not necessary to adjust the oven temperature.

**Check the cooking progress at the minimum time** recommended in the recipe. If necessary, continue checking at intervals until the food is done. If the oven door is opened too frequently, heat will escape from the oven; this can affect baking results and wastes energy.

**If you add additional ingredients** or alter the recipe, expect cooking times to increase or decrease slightly.

## ROASTING TIPS

Roasting is the method for cooking large, tender cuts of meat uncovered, without adding moisture. Most meats are roasted at 325°F. It is not necessary to preheat the oven.

- For best results use tender cuts of meat weighing 3-lbs. or more.
- Some good choices are: Beef rib, ribeye, top round, high quality tip and rump roast, pork loin roast, leg of lamb, veal shoulder roast and cured or smoked hams.
- Place the meat fat-side-up on a rack in a shallow roasting pan. Placing the meat on a rack holds it out of the drippings, thus allowing better heat circulation for even cooking. As the fat on top of the roast melts, the meat is basted naturally, eliminating the need for additional basting.

- The cooking time is determined by the weight of the meat and the desired doneness.
- For more accurate results, use a meat thermometer. Insert it so the tip is in the center of the thickest part of the meat. It should not touch fat or bone.
- Remove the roast from the oven when the thermometer registers the desired doneness.

**NOTE:** For more information about food safety, call USDA's Meat & Poultry Hotline at 1-800-535-4555.

For cooking information, write to the National Cattlemen's Beef Association, 444 North Michigan Avenue, Chicago, Illinois 60611, or call 1-800-368-3138.

## COMMON BAKING PROBLEMS AND WHY THEY HAPPEN

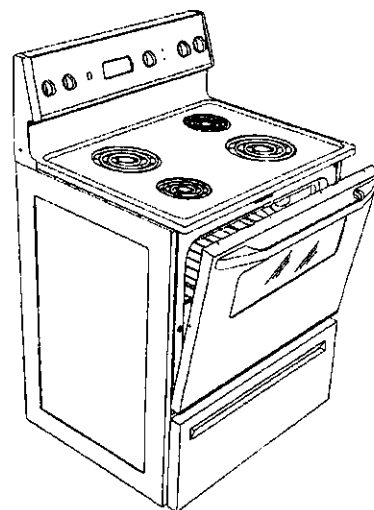
PROBLEM	POSSIBLE CAUSES
<i>Cakes are uneven.</i>	<ul style="list-style-type: none"> <li>• Pans too close or touching each other or oven walls.</li> <li>• Batter uneven in pans.</li> <li>• Temperature set too low or baking time too short.</li> <li>• Oven not level.</li> <li>• Undermixing.</li> <li>• Too much liquid.</li> </ul>
<i>Cake high in middle.</i>	<ul style="list-style-type: none"> <li>• Temperature set too high.</li> <li>• Baking time too long.</li> <li>• Overmixing.</li> <li>• Too much flour.</li> <li>• Pans touching each other or oven walls.</li> <li>• Incorrect rack position.</li> </ul>
<i>Cake falls.</i>	<ul style="list-style-type: none"> <li>• Too much shortening or sugar.</li> <li>• Too much or too little liquid.</li> <li>• Temperature set too low.</li> <li>• Old or too little baking powder.</li> <li>• Pan too small.</li> <li>• Oven door opened frequently.</li> <li>• Added incorrect type of oil to cake mix.</li> <li>• Added additional ingredients to cake mix or recipe.</li> </ul>
<i>Cakes, cookies, biscuits don't brown evenly.</i>	<ul style="list-style-type: none"> <li>• Incorrect rack position.</li> <li>• Oven door not closed properly.</li> <li>• Door gasket not sealing properly or properly attached to door.</li> <li>• Incorrect use of aluminum foil.</li> <li>• Oven not preheated.</li> <li>• Pans darkened, dented or warped.</li> </ul> <p>For optimum results, bake on one rack. If baking cakes on two racks, place pans toward the front of the oven on the upper rack and toward the back of the oven on the lower rack.</p>
<i>Cakes, cookies, biscuits too brown on bottom.</i>	<ul style="list-style-type: none"> <li>• Oven not preheated.</li> <li>• Pans touching each other or oven walls.</li> <li>• Incorrect rack position.</li> <li>• Incorrect use of aluminum foil.</li> <li>• Placed 2 cookie sheets on one rack.</li> <li>• Used glass, dark, stained warped or dull finish metal pans. (Use a shiny cookie sheet.)</li> </ul> <p>Follow cookware manufacturer's instructions for oven temperature. Glassware and dark cookware such as Ecco's Baker's Secret may require lowering the oven temperature by 25°F.</p>
<i>Cakes don't brown on top.</i>	<ul style="list-style-type: none"> <li>• Incorrect rack position.</li> <li>• Temperature set too low.</li> <li>• Overmixing.</li> <li>• Too much liquid.</li> <li>• Pan size too large or too little batter in pan.</li> <li>• Oven door opened too often.</li> </ul>
<i>Excessive shrinkage.</i>	<ul style="list-style-type: none"> <li>• Too little leavening.</li> <li>• Overmixing.</li> <li>• Pan too large.</li> <li>• Temperature set too high.</li> <li>• Baking time too long.</li> <li>• Pans too close to each other or oven walls.</li> </ul>
<i>Uneven texture.</i>	<ul style="list-style-type: none"> <li>• Too much liquid.</li> <li>• Undermixing.</li> <li>• Temperature set too low.</li> <li>• Baking time too short.</li> </ul>
<i>Cakes have tunnels.</i>	<ul style="list-style-type: none"> <li>• Not enough shortening.</li> <li>• Too much baking powder.</li> <li>• Overmixing or at too high a speed.</li> <li>• Temperature set too high.</li> </ul>
<i>Cake not done in middle.</i>	<ul style="list-style-type: none"> <li>• Temperature set too high.</li> <li>• Pan too small.</li> <li>• Baking time too short.</li> </ul> <p>If additional ingredients were added to mix or recipe, expect cooking time to increase.</p>
<i>Pie crust edges too brown.</i>	<ul style="list-style-type: none"> <li>• Temperature set too high.</li> <li>• Pans touching each other or oven walls.</li> <li>• Edges of crust too thin; shield with foil.</li> </ul>
<i>Pies don't brown on bottom.</i>	<ul style="list-style-type: none"> <li>• Used shiny metal pans.</li> <li>• Temperature set too low.</li> <li>• Incorrect rack position.</li> <li>• Some frozen pies should be placed on a cookie sheet, check package directions.</li> </ul>
<i>Pies have soaked crust.</i>	<ul style="list-style-type: none"> <li>• Temperature too low at start of baking.</li> <li>• Filling too juicy.</li> <li>• Used shiny metal pans.</li> </ul>

## BROILING TIPS

Broiling is used for tender cuts of meat or marinated meats, poultry, fish and some fruits and vegetables. The food is placed directly under the broil element.

Cooking time is determined by the desired degree of doneness and the distance between the food and the element.

- For best results, steaks and chops should be at least 3/4-inch thick. Thinner cuts should be pan broiled.
- Before broiling, trim excess fat to prevent excessive spattering or smoking. Cut slashes in the outer edges of the fat to prevent curling during cooking.
- Season meat after cooking. Salt tends to draw juices out of the meat and delay browning.
- Preheat broil element 3 to 4 minutes for optimum browning.
- Use a broiler pan with an insert designed to drain excess liquid and fat away from the cooking surface. This is to prevent spatters and smoke.
- When broiling in an electric oven, the door should be opened to the broil stop position (opened about 4-inches).



- For a brown exterior and rare interior, meat should be close to the broil element. For well-done meat, place the broiler pan farther from the element.
- Increasing the distance between the meat and the broil element will help reduce spattering and smoking.
- Foods that require turning should be turned only once during broiling. Turn after half the recommended cooking time.

## BROILING CHART

TYPE OF MEAT	RACK POSITION*	DONENESS	TOTAL COOK TIME (MINUTES)**
<b>BACON</b>	#4	Well Done	6 to 10 min.
<b>BEEF STEAKS</b> 1-inch thick	#4 #4	Medium Well Done	15 to 18 min. 19 to 23 min.
<b>CHICKEN</b> Pieces	#3 or #4	Well Done	450°F 30 to 45 min.
<b>FISH</b> Fillets Steaks, 1-inch thick	#4 #4	Flaky Flaky	8 to 12 min. 10 to 15 min.
<b>GROUND BEEF PATTIES</b> 3/4-inch thick	#4	Well Done	15 to 18 min.
<b>HAM SLICE</b> , precooked 1/2-inch thick	#4	Warm	8 to 12 min.
<b>PORK CHOPS</b> 1-inch thick	#4	Well Done	22 to 26 min.

\* The top rack position is position #5.

\*\* Broiling times are approximate and may vary depending on the meat.

**CAUTION**

- Do not attempt to service this appliance yourself unless directed to do so in this manual or the chart below. Refer all other servicing to a qualified service technician.
- Locate and mark circuit breaker or fuse. Never replace a blown fuse or reset a circuit breaker until you know what caused the problem. Always replace a blown fuse with one of the correct amperage, do not use a substitute.
- Always disconnect power to unit **before** any servicing by tripping circuit breaker to the OFF position or by removing the fuse.

*McCallus at 1-800-608-1120*

**TROUBLESHOOTING CHART**

PROBLEM	POSSIBLE CAUSES	SUGGESTED CORRECTIONS
<b>Part or all of appliance does not operate.</b>	<ol style="list-style-type: none"> <li>1. Range is disconnected from power or is loosely connected to power.</li> <li>2. Tripped circuit breaker or blown fuse.</li> <li>3. Power supply has been interrupted.</li> <li>4. Surface or oven controls not set properly.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check to be sure plug is securely inserted into wall receptacle.</li> <li>2. Check or re-set circuit breaker. Check or replace fuse.</li> <li>3. Wait until power has been restored.</li> <li>4. See pages 6 and 9.</li> </ol>
<b>Surface or oven elements fail to operate or heat food.</b>	<ol style="list-style-type: none"> <li>1. Range is disconnected from power or is loosely connected to power.</li> <li>2. Tripped circuit breaker or blown fuse.</li> <li>3. Power supply has been interrupted.</li> <li>4. Surface or oven controls not set properly.</li> <li>5. Surface element is not properly installed.</li> <li>6. Oven was not set to correct temperature.</li> <li>7. Oven was not preheated properly.</li> <li>8. Defective part.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check to be sure plug is securely inserted into wall receptacle.</li> <li>2. Check or re-set circuit breaker. Check or replace fuse.</li> <li>3. Wait until power has been restored.</li> <li>4. See pages 6 and 9.</li> <li>5. See page 7 for instructions on how to replace surface element.</li> <li>6. Set oven to temperature recommended in recipe.</li> <li>7. Allow oven to preheat 8 to 15 minutes. Then place food in oven.</li> <li>8. Have authorized service technician replace part.</li> </ol>
<b>Smoothtop cooktop.</b>		
1. Tiny scratches or abrasions	1. Coarse particles (dust, salt, sand) between cookware and cooktop. Incorrect cleaner. Sliding glass or metal pan across top. Using cookware with rough bottoms.	1. Tiny scratches are not removable and do not affect cooking. In time, the scratches will become less visible. Be sure cookware bottom and cooktop are clean before use. Use cookware with a smooth, non-scratching bottom. Do not slide cookware across cooktop.
2. Metal-marks	2. Sliding or scraping metal pans or oven racks across cooktop.	2. Do not slide metal object across cooktop. When cool, clean with Cooktop Cleaning Creme.
3. Brown streaks and specks	3. Boilovers, incorrect cleaner, used soiled cloth or sponge, soiled cookware.	3. Clean up boilover before reusing the cooktop. Be sure cookware, especially bottoms, are clean and dry.
4. Areas of discoloration with a metallic sheen	4. Mineral deposits from water and foods.	4. Use cookware with bottoms that are clean and dry. Use correct heat setting to prevent boilovers.
5. Pitting or flaking	5. Sugary boilovers from sugar syrups, candy, jams, jellies, dessert sauces, etc.	5. Use correct heat setting and large enough pan. Watch cooking operation to prevent boilovers or spattering.

PROBLEM	POSSIBLE CAUSES	SUGGESTED CORRECTIONS
<b>Baking results are not what you expected.</b> <ul style="list-style-type: none"> <li>• Uneven browning (too dark on top or bottom).</li> <li>• Underdone or overdone.</li> <li>• Browning is too dark or light.</li> <li>• Cake is not level.</li> </ul>	<ol style="list-style-type: none"> <li>1. Oven is too hot or too cool.</li> <li>2. Food not positioned correctly in oven.</li> <li>3. Used incorrect pan.</li> <li>4. Used aluminum foil incorrectly.</li> <li>5. Oven rack was crowded with pans.</li> <li>6. Used unreliable recipe or did not follow recipe.</li> <li>7. Oven vent was blocked.</li> <li>8. Range is not level.</li> <li>9. Door is not correctly installed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Select correct oven temperature. When baking, always preheat oven before adding food.</li> <li>2. See rack placement on page 18.</li> <li>3. Dark pans produce dark browning. Select shiny aluminum pans or reduce the oven temperature by 25°F. See page 20.</li> <li>4. Never use foil to cover an oven rack. Place a small piece of foil on the rack below the rack holding the pan. See page 18.</li> <li>5. Stagger pans on rack. Allow 1 to 2-inches between pans and oven walls.</li> <li>6. Select recipes from reliable sources. Read and carefully follow instructions and do not substitute ingredients.</li> <li>7. See page 10 for information on oven vent.</li> <li>8. See page 12 for instructions on leveling range.</li> <li>9. See page 10 for instructions on replacing door.</li> </ol>
<b>Baking results differ from previous oven.</b>	<ol style="list-style-type: none"> <li>1. Oven seems hotter or cooler than your previous oven.</li> </ol>	<ol style="list-style-type: none"> <li>1. Oven temperatures may vary between the new and the old oven. As ovens age, the oven temperature often "drifts" and may become hotter or cooler. Also, newer ovens may operate differently from older ovens. You should expect some differences in baking results.</li> </ol>
<b>Food not broiling properly.</b>	<ol style="list-style-type: none"> <li>1. Oven incorrectly set.</li> <li>2. Used incorrect rack position.</li> <li>3. Broil element was not preheated.</li> <li>4. Used aluminum foil incorrectly.</li> <li>5. Oven door was closed during broiling.</li> </ol>	<ol style="list-style-type: none"> <li>1. See page 9.</li> <li>2. See page 21 for information on broiling.</li> <li>3. For optimum browning, preheat the broil element for 3 to 4 minutes before placing food in the oven.</li> <li>4. The broiler pan can be lined with foil; <b>never</b> line the broiler insert with foil.</li> <li>5. Always leave door opened to the broil stop position (opened about 4-inches) during broiling.</li> </ol>
<b>Oven smokes excessively during broiling.</b>	<ol style="list-style-type: none"> <li>1. Food placed too close to broil element.</li> <li>2. Broiler insert covered with aluminum foil.</li> <li>3. Meat is too fatty.</li> <li>4. Marinade not completely drained before broiling.</li> <li>5. Basted meat too early during broiling.</li> <li>6. Used a soiled broiler pan.</li> </ol>	<ol style="list-style-type: none"> <li>1. Move broiler pan down one rack position.</li> <li>2. Never cover insert with foil as this prevents fat from draining to pan below.</li> <li>3. Trim excess fat before broiling.</li> <li>4. Completely drain marinade from meat.</li> <li>5. Baste meat during the last few minutes of cooking.</li> <li>6. Always clean broiler pan and insert after use.</li> </ol>
<b>Moisture condensation on oven window.</b>	<ol style="list-style-type: none"> <li>1. Window may fog when cooking food high in moisture.</li> <li>2. Used a cloth saturated with water to clean window.</li> </ol>	<ol style="list-style-type: none"> <li>1. This condition is normal.</li> <li>2. Wring excess water from cloth before cleaning.</li> </ol>
<b>Oven light does not turn on.</b>	<ol style="list-style-type: none"> <li>1. Oven light bulb is loose or burned out.</li> <li>2. Light switch in the OFF position.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check or replace bulb.</li> <li>2. See page 11 for instructions.</li> </ol>

**HOW TO RECEIVE SERVICE**

1. Contact your dealer or authorized servicer. If you do not know the dealer, consult the Yellow Pages in your telephone directory under APPLIANCES, or call us at **1-800-688-1120**.
  2. When requesting information or service, the following information will be needed.
    - a. Model and serial numbers. (See rating plate located on the range front frame.)
    - b. Your name, address and telephone number.
    - c. Dealer or servicer's name, address and telephone number.
    - d. Brief description of the problem and service history.
    - e. For warranty service, proof of purchase date (sales receipt) will be needed.
  3. If you are not able to satisfactorily resolve the complaint with the local response, call or write to:  
**Maytag Customer Service**  
P.O. Box 2370  
Cleveland, TN 37320-2370  
**1-800-688-1120**
  4. If you still do not receive satisfactory service, contact the Major Appliance Consumer Action Program by letter. Include the information listed in #2 above.  
**Major Appliance Consumer Action Program**  
20 North Wacker Drive  
Chicago, IL 60606
- MACAP is an independent agency sponsored by three trade associations as a court of appeals on consumer complaints which have not been resolved satisfactorily within a reasonable period of time.