

# KitchenAid®

## ELECTRIC RANGE

### Use & Care Guide

In the U.S.A, for questions about features, operation, performance, parts, accessories or service, call: **1-800-422-1230**  
In Canada, for product-related questions call: **1-800-461-5681**, for parts, accessories, installation and service, call: **1-800-807-6777**  
or visit our website at...

[www.kitchenaid.com](http://www.kitchenaid.com) or [www.KitchenAid.ca](http://www.KitchenAid.ca)

---

Table of Contents.....	2
------------------------	---



Models KERC500 KERC506 YKERI500 YKERC500 YKERC506

9753844D

---

# TABLE OF CONTENTS

<b>RANGE SAFETY</b> .....	<b>3</b>	<b>OVEN USE</b> .....	<b>12</b>
The Anti-Tip Bracket .....	3	Aluminum Foil .....	12
<b>PARTS AND FEATURES</b> .....	<b>6</b>	Positioning Racks and Bakeware .....	12
<b>COOKTOP USE</b> .....	<b>7</b>	Bakeware .....	13
Cooktop Controls .....	7	Meat Thermometer .....	13
Ceramic Glass .....	7	Oven Vent .....	13
Dual-Circuit Element .....	8	Oven Door Vent .....	13
Simmer Feature .....	8	Bake .....	13
Warming Element .....	8	Broil .....	14
Coil Elements and Burner Bowls .....	9	Convection Cooking .....	15
Lift-up Cooktop .....	9	Convection Bake .....	15
Home Canning .....	9	Convection Roast .....	16
Cookware .....	10	Convection Broil .....	17
<b>ELECTRONIC OVEN CONTROL</b> .....	<b>10</b>	Timed Cooking .....	17
Displays .....	11	<b>RANGE CARE</b> .....	<b>18</b>
Start .....	11	Self-Cleaning Cycle .....	18
Cancel Off .....	11	General Cleaning .....	19
Clock .....	11	Cooktop Light .....	20
Tones .....	11	Oven Light(s) .....	21
Fahrenheit and Celsius .....	11	Oven Door .....	21
Timer .....	11	Storage Drawer .....	21
Control Lock .....	11	<b>TROUBLESHOOTING</b> .....	<b>22</b>
Oven Temperature Control .....	12	<b>ASSISTANCE OR SERVICE</b> .....	<b>23</b>
		<b>WARRANTY</b> .....	<b>24</b>

# RANGE SAFETY

## Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING." These words mean:

**⚠ DANGER**

You can be killed or seriously injured if you don't immediately follow instructions.

**⚠ WARNING**

You can be killed or seriously injured if you don't follow instructions.

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

## The Anti-Tip Bracket

The range will not tip during normal use. However, the range can tip if you apply too much force or weight to the open door without the anti-tip bracket fastened down properly.

### ⚠ WARNING

#### Tip Over Hazard

A child or adult can tip the range and be killed.

Connect anti-tip bracket to rear range foot.

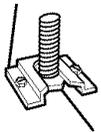
Reconnect the anti-tip bracket, if the range is moved.

See the installation instructions for details.

Failure to follow these instructions can result in death or serious burns to children and adults.



#### Anti-Tip Bracket



Range Foot

Making sure the anti-tip bracket is installed:

- Slide range forward.
- Look for the anti-tip bracket securely attached to floor.
- Slide range back so rear range foot is under anti-tip bracket.

# IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** To reduce the risk of fire, electrical shock, injury to persons, or damage when using the range, follow basic precautions, including the following:

- **WARNING:** TO REDUCE THE RISK OF TIPPING OF THE RANGE, THE RANGE MUST BE SECURED BY PROPERLY INSTALLED ANTI-TIP DEVICES. TO CHECK IF THE DEVICES ARE INSTALLED PROPERLY, SLIDE RANGE FORWARD, LOOK FOR ANTI-TIP BRACKET SECURELY ATTACHED TO FLOOR, AND SLIDE RANGE BACK SO REAR RANGE FOOT IS UNDER ANTI-TIP BRACKET.
- **CAUTION:** Do not store items of interest to children in cabinets above a range or on the back-guard of a range – children climbing on the range to reach items could be seriously injured.
- Proper Installation – Be sure the range is properly installed and grounded by a qualified technician.
- Never Use the Range for Warming or Heating the Room.
- Do Not Leave Children Alone – Children should not be left alone or unattended in area where the range is in use. They should never be allowed to sit or stand on any part of the range.
- Wear Proper Apparel – Loose-fitting or hanging garments should never be worn while using the range.
- User Servicing – Do not repair or replace any part of the range unless specifically recommended in the manual. All other servicing should be referred to a qualified technician.
- Storage in or on the Range – Flammable materials should not be stored in an oven or near surface units.
- Do Not Use Water on Grease Fires – Smother fire or flame or use dry chemical or foam-type extinguisher.
- Use Only Dry Potholders – Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholder touch hot heating elements. Do not use a towel or other bulky cloth.
- DO NOT TOUCH SURFACE UNITS OR AREAS NEAR UNITS – Surface units may be hot even though they are dark in color. Areas near surface units may become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact surface units or areas near units until they have had sufficient time to cool. Among those areas are the cooktop and surfaces facing the cooktop.
- Use Proper Pan Size – The range is equipped with one or more surface units of different size. Select utensils having flat bottoms large enough to cover the surface unit heating element. The use of under-sized utensils will expose a portion of the heating element to direct contact and may result in ignition of clothing. Proper relationship of utensil to burner will also improve efficiency.
- Never Leave Surface Units Unattended at High Heat Settings – Boilover causes smoking and greasy spillovers that may ignite.
- Make Sure Reflector Pans or Drip Bowls Are in Place – Absence of these pans or bowls during cooking may subject wiring or components underneath to damage.
- Protective Liners – Do not use aluminum foil to line surface unit drip bowls or oven bottoms, except as suggested in the manual. Improper installation of these liners may result in a risk of electric shock, or fire.
- Glazed Cooking Utensils – Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for range-top service without breaking due to the sudden change in temperature.
- Utensil Handles Should Be Turned Inward and Not Extend Over Adjacent Surface Units – To reduce the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the utensil, the handle of a utensil should be positioned so that it is turned inward, and does not extend over adjacent surface units.
- Do Not Soak Removable Heating Elements – Heating elements should never be immersed in water.
- Do Not 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 – If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burn. Some cleaners can produce noxious fumes if applied to a hot surface.
- Use Care When Opening Door – Let hot air or steam escape before removing or replacing food.
- Do Not Heat Unopened Food Containers – Build-up of pressure may cause container to burst and result in injury.

**SAVE THESE INSTRUCTIONS**

## IMPORTANT SAFETY INSTRUCTIONS

- Keep Oven Vent Ducts Unobstructed.
- Placement of Oven Racks – Always place oven racks in desired location while oven is cool. If rack must be moved while oven is hot, do not let potholder contact hot heating element in oven.
- DO NOT TOUCH HEATING ELEMENTS OR INTERIOR SURFACES OF OVEN – Heating elements may be hot even though they are dark in color. Interior surfaces of an oven become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact heating elements or interior surfaces of oven until they have had sufficient time to cool. Other surfaces of the appliance may become hot enough to cause burns – among these surfaces are oven vent openings and surfaces near these openings, oven doors, and windows of oven doors.

### For self-cleaning ranges –

- Do Not Clean Door Gasket – The door gasket is essential for a good seal. Care should be taken not to rub, damage, or move the gasket.
- 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.
- Clean Only Parts Listed in Manual.
- Before Self-Cleaning the Oven – Remove broiler pan and other utensils.

### For units with ventilating hood –

- Clean Ventilating Hoods Frequently – Grease should not be allowed to accumulate on hood or filter.
- When flaming foods under the hood, turn the fan on.

## SAVE THESE INSTRUCTIONS

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

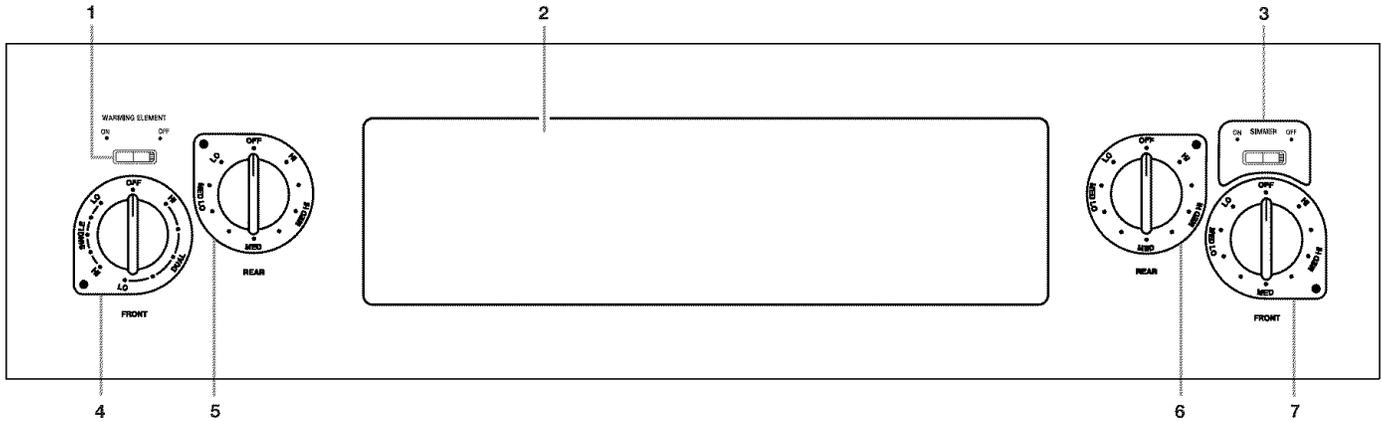
**WARNING:** This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

This appliance can cause low-level exposure to some of the substances listed, including benzene, formaldehyde, carbon monoxide, and toluene.

# PARTS AND FEATURES

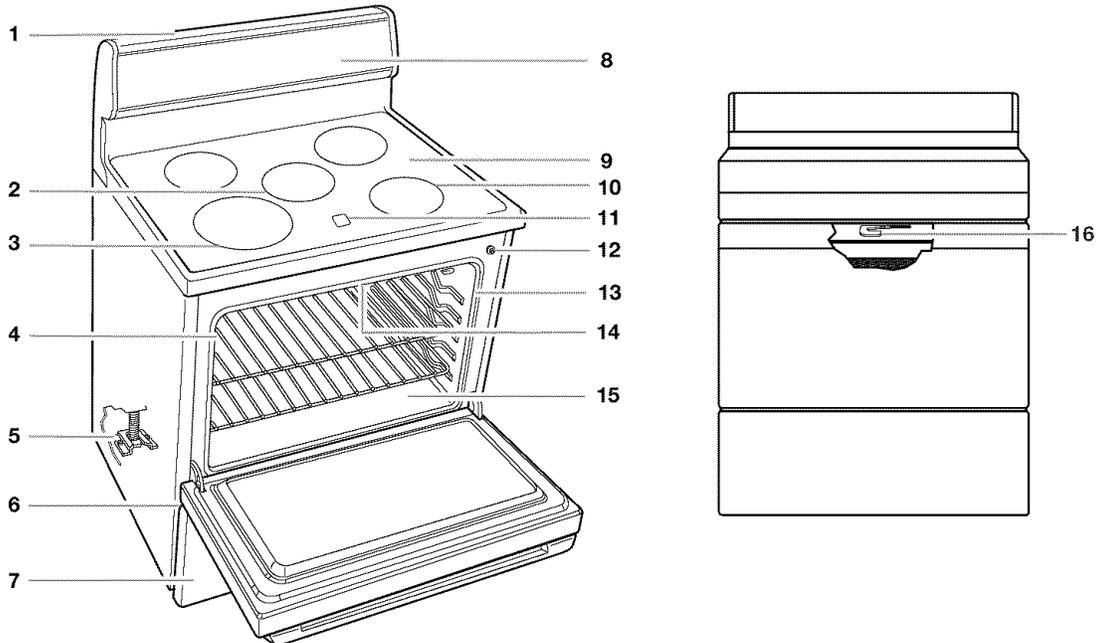
This manual covers several different models. The range you have purchased may have some or all of the items listed. The locations and appearances of the features shown here may not match those of your model.

## Control Panel



- 1. Warming Element Switch (on ceramic glass models)
- 2. Electronic Oven Display
- 3. Simmer Switch (on ceramic glass models)
- 4. Left Front Control (Dual Circuit Element on ceramic glass models)
- 5. Left Rear Control
- 6. Right Rear Control
- 7. Right Front Control

## Ranges



- 1. Cooktop Light (on some models)
  - 2. Warming Element (on ceramic glass models)
  - 3. Surface Cooking Areas (Dual Circuit Element in ceramic glass models)
  - 4. Temperature Probe Jack (on some models)
  - 5. Anti-Tip Bracket
  - 6. Model and Serial Number (behind left side of drawer)
  - 7. Storage Drawer
  - 8. Control Panel
  - 9. Ceramic Glass (on some models)
  - 10. Simmer Element (on ceramic glass models)
  - 11. Hot Surface Indicator Light (on ceramic glass models)
  - 12. Automatic Oven Light
  - 13. Door Gasket
  - 14. Broil Element (not shown)
  - 15. Bake Element (not shown)
  - 16. Self-Clean Latch
- Parts and Features Not Shown**
- Coil Elements
  - Oven Door Window
  - Oven Light
  - Broiler Pan and Grid
  - Broiler Pan Support (on some models)
  - Roasting Rack
  - Temperature Probe (on some models)

# COOKTOP USE

## Cooktop Controls

### **⚠ WARNING**



#### Fire Hazard

**Turn off all controls when done cooking.  
Failure to do so can result in death or fire.**

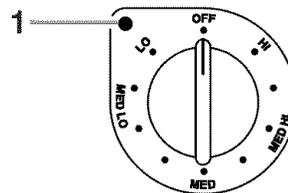
The cooktop controls can be set anywhere between HI and LO. Push in and turn to setting. Use the following chart as a guide when setting heat levels.

SETTING	RECOMMENDED USE
<b>HI or MAX</b>	<ul style="list-style-type: none"> <li>Start food cooking.</li> <li>Bring liquid to a boil.</li> </ul>
<b>6-8 [MED- HI]</b>	<ul style="list-style-type: none"> <li>Hold a rapid boil.</li> <li>Quickly brown or sear food.</li> </ul>
<b>5 [MED]</b>	<ul style="list-style-type: none"> <li>Maintain a slow boil.</li> <li>Fry poultry or meat.</li> <li>Cook pudding, sauce, icing or gravy.</li> </ul>
<b>2-4 [MED- LO]</b>	<ul style="list-style-type: none"> <li>Stew or steam food.</li> <li>Simmer.</li> </ul>
<b>LO or 1</b>	<ul style="list-style-type: none"> <li>Keep food warm.</li> <li>Melt chocolate or butter.</li> </ul>
<b>Simmer Feature</b> (on some models)	<ul style="list-style-type: none"> <li>Precise simmer control.</li> </ul>
<b>Dual-Circuit Element</b> (on some ceramic glass models)	<ul style="list-style-type: none"> <li>Home canning.</li> <li>Large diameter cookware.</li> <li>Large quantities of food.</li> </ul>
<b>Warming Element</b> (on some ceramic glass models)	<ul style="list-style-type: none"> <li>Keep cooked foods warm.</li> </ul>

**REMEMBER:** When range is in use or (on some models) during the Self-Cleaning cycle, the entire cooktop area may become hot.

### POWER ON Lights

Each control knob has a POWER ON light. The light will glow when its control knob is on.



1. POWER ON light

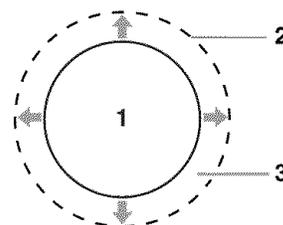
## Ceramic Glass (on some models)

The surface cooking area will glow red when an element is on. It will cycle on and off, at all settings, to maintain the selected heat level.

It is normal for the surface of white ceramic glass to appear to change color when surface cooking areas are hot. As the glass cools, it will return to its original color.

Wiping off the cooktop before and after each use will help keep it free from stains and provide the most even heating. For more information, see "General Cleaning" section.

- Do not store jars or cans above the cooktop. Dropping a heavy or hard object onto the cooktop could crack it.
- Do not leave a hot lid on the cooktop. As the cooktop cools, air can become trapped between the lid and the cooktop, and the ceramic glass could break when the lid is removed.
- For foods containing sugar in any form, clean up all spills and soils as soon as possible. Allow the cooktop to cool down slightly. Then, while wearing oven mitts, remove the spills while the surface is still warm. If sugary spills are allowed to cool down, they can adhere to the cooktop and can cause pitting and permanent marks.
- Do not slide cookware or bakeware across the cooktop. Aluminum or copper bottoms and rough finishes on cookware or bakeware could leave scratches or marks on the cooktop.
- Do not slide cookware or bakeware across the cooktop. Aluminum or copper bottoms and rough finishes on cookware or bakeware could leave scratches or marks on the cooktop.
- Do not cook popcorn in prepackaged aluminum containers on the cooktop. They could leave aluminum marks that cannot be removed completely.
- Do not allow objects that could melt, such as plastic or aluminum foil, to touch any part of the entire cooktop.
- Do not use the cooktop as a cutting board.
- Use cookware about the same size as the surface cooking area. Cookware should not extend more than 1 in. (2.5 cm) outside the area.

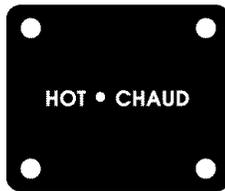


1. Surface Cooking Area  
2. Cookware/Canner  
3. 1 in. (2.5 cm) Maximum Overhang

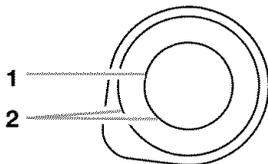
- Use flat-bottomed cookware for best heat conduction and energy efficiency. Cookware with rounded, warped, ribbed or dented bottoms could cause uneven heating and poor cooking results.
- Determine flatness by placing the straight edge of a ruler across the bottom of the cookware. While you rotate the ruler, no space or light should be visible between it and the cookware.
- Cookware designed with slightly indented bottoms or small expansion channels can be used.
- Make sure the bottoms of pots and pans are clean and dry before using them. Residue and water can leave deposits when heated.
- Do not cook foods directly on the cooktop.

#### Hot Surface Indicator Light (under ceramic glass)

The hot surface indicator light will glow as long as any surface cooking area is too hot to touch, even after the surface cooking area(s) is turned off.

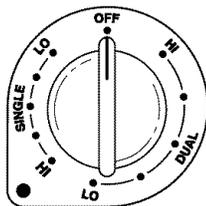


#### Dual-Circuit Element (on ceramic glass models)



1. Single size
2. Dual size

The Dual Circuit Element offers flexibility depending on the size of the cookware. Single size can be used in the same way as a regular element. The dual size combines both the single and outer element and is recommended for larger cookware.



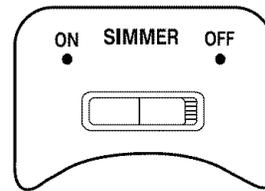
#### To Use SINGLE:

1. Push in and turn knob counterclockwise from the OFF position to the SINGLE zone anywhere between HI and LO.
2. Push in and turn knob to OFF when finished.

#### To Use DUAL:

1. Push in and turn knob clockwise from the OFF position to the DUAL zone anywhere between HI and LO.
2. Push in and turn knob to OFF when finished.

#### Simmer Feature (on ceramic glass models)



The Simmer feature is an adjustable heat setting for more precise simmering. It is the right front surface cooking area or element. When the Simmer Feature is not on, the right front surface cooking area or element will function as usual.

When this feature is on, the wattage to the burner is significantly reduced. It provides a wide range of temperatures for simmering. Choose from the higher levels for stocks and water-based foods or the lower levels for sauces, puddings and gravies.

#### To Use:

1. Set SIMMER switch to ON.
2. Set SIMMER switch to OFF when finished.

#### Warming Element (on ceramic glass models)

### ⚠ WARNING

#### Food Poisoning Hazard

**Do not let food sit for more than one hour before or after cooking.**

**Doing so can result in food poisoning or sickness.**

Use the Warming Element to keep cooked foods warm. One hour is the recommended maximum time to maintain food quality.

Do not use it to heat cold foods.

The Warming Element can be used alone or when any of the other surface cooking areas are being used. The Warming Element area will not glow red when cycling on. However, its indicator light will glow as long as the Warming Element area is too hot to touch.

- Use only cookware and dishes recommended for oven and cooktop use.
- Cover all foods with a lid or aluminum foil. When warming baked goods, allow a small opening in the cover for moisture to escape.
- Do not use plastic wrap to cover food. Plastic wrap may melt.
- Use pot holders or oven mitts to remove food.

#### WARMING ELEMENT

ON                      OFF



#### To Use:

1. Set switch to ON.
2. Set switch to OFF when finished.

---

## Coil Elements and Burner Bowls

(on some models)

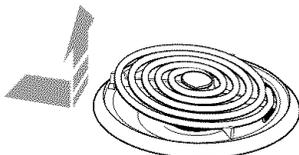
Coil elements should be level for optimal cooking results. Burner bowls, when clean, reflect heat back to the cookware. They also help catch spills.

Cookware should not extend more than 1 in. (2.5 cm) over the coil element. If cookware is uneven or too large, it can produce excess heat causing the burner bowl to change color. For more information, see the "General Cleaning" section.

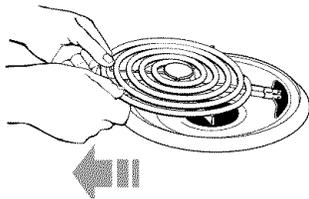
**NOTE:** Before removing or replacing coil elements and burner bowls, make sure they are cool and the control knobs are in the Off position.

### To Remove:

1. Push in the edge of coil element toward the receptacle. Then lift it just enough to clear the burner bowl.



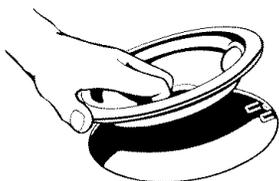
2. Pull the coil element straight away from the receptacle.



3. Lift out the burner bowl.

### To Replace:

1. Line up openings in the burner bowl with the coil element receptacle.



2. Holding the coil element as level as possible, carefully push coil element terminal into the receptacle.
3. When the terminal is pushed into the receptacle as far as it will go, push down the edge of the coil element opposite the receptacle.

---

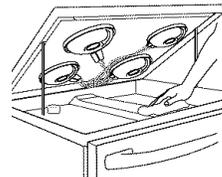
## Lift-up Cooktop

(on some models)

The lift-up cooktop provides easy access for cleaning beneath. Do not drop the cooktop. Damage could occur to the finish and the cooktop frame. For more information, see the "General Cleaning" section.

### To Lift:

Lift the cooktop by both front corners until the supports lock into place.



### To Replace:

1. Lift the cooktop from both sides while pressing the support rods back to unlock them.
2. Slowly lower the cooktop into place.

---

## Home Canning

When canning for long periods, alternate the use of surface cooking areas, elements or surface burners between batches. This allows time for the most recently used areas to cool.

- Center the canner on the grate or largest surface cooking area or element. Canners should not extend more than 1 in. (2.5 cm) outside the cooking area.
- Do not place canner on 2 surface cooking areas, elements or surface burners at the same time.
- On ceramic glass models, use only flat-bottomed canners.
- On coil element models, the installation of a Canning Unit Kit is recommended. If a kit is not installed, the life of the coil element will be shortened. See "Assistance or Service" for ordering instructions.
- For more information, contact your local U.S. Government Agricultural Department Extension Office. In Canada, contact Agriculture Canada. Companies that manufacture home canning products can also offer assistance.

## Cookware

**IMPORTANT:** Never leave empty cookware on a hot surface cooking area, element or surface burner.

Ideal cookware should have a flat bottom, straight sides, a well-fitting lid and the material should be of medium-to-heavy thickness.

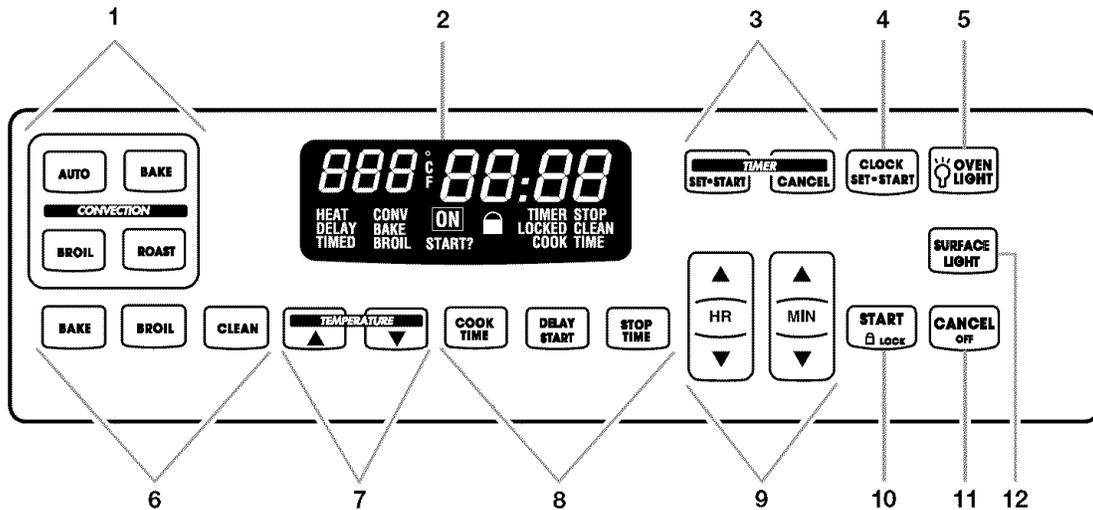
Rough finishes may scratch the cooktop. Aluminum and copper may be used as a core or base in cookware. However, when used as a base they can leave permanent marks on the cooktop or grates.

Cookware material is a factor in how quickly and evenly heat is transferred, which affects cooking results. A nonstick finish has the same characteristics as its base material. For example, aluminum cookware with a nonstick finish will take on the properties of aluminum.

Use the following chart as a guide for cookware material characteristics.

COOKWARE	CHARACTERISTICS
<b>Aluminum</b>	<ul style="list-style-type: none"> <li>■ Heats quickly and evenly.</li> <li>■ Suitable for all types of cooking.</li> <li>■ Medium or heavy thickness is best for most cooking tasks.</li> </ul>
<b>Cast iron</b>	<ul style="list-style-type: none"> <li>■ Heats slowly and evenly.</li> <li>■ Good for browning and frying.</li> <li>■ Maintains heat for slow cooking.</li> </ul>
<b>Ceramic or Ceramic glass</b>	<ul style="list-style-type: none"> <li>■ Follow manufacturer's instructions.</li> <li>■ Heats slowly, but unevenly.</li> <li>■ Ideal results on low to medium heat settings.</li> </ul>
<b>Copper</b>	<ul style="list-style-type: none"> <li>■ Heats very quickly and evenly.</li> </ul>
<b>Earthenware</b>	<ul style="list-style-type: none"> <li>■ Follow manufacturer's instructions.</li> <li>■ Use on low heat settings.</li> </ul>
<b>Porcelain enamel-on-steel or cast iron</b>	<ul style="list-style-type: none"> <li>■ See stainless steel or cast iron.</li> </ul>
<b>Stainless steel</b>	<ul style="list-style-type: none"> <li>■ Heats quickly, but unevenly.</li> <li>■ A core or base of aluminum or copper on stainless steel provides even heating.</li> </ul>

## ELECTRONIC OVEN CONTROL



- |  |                  |                  |                                    |
|--|------------------|------------------|------------------------------------|
| 1. Convection Cooking (on some models) | 4. Clock         | 7. Temperature   | 10. Start/Control Lock             |
| 2. Display                             | 5. Oven Light    | 8. Timed Cooking | 11. Cancel Off                     |
| 3. Timer                               | 6. Oven Settings | 9. Hour/Minutes  | 12. Surface Light (on some models) |

---

## Displays

When power is first supplied to the appliance, everything on the displays will light up for 5 seconds. Then, "PF" will appear. Press CANCEL OFF to clear displays.

If "PF" appears at any other time, a power failure has occurred. Press CANCEL OFF and reset the clock if needed.

### Oven Display (on some models)

When the oven is in use, this display shows the oven temperature, heat source(s) and start time.

During Timed Cooking, this display also shows a timed countdown.

If "Err" appears on the display, an invalid pad was pressed. Press CANCEL OFF and retry your entry.

When the oven is not in use, the display will show the time of day.

### Time of Day/Timer Display (on some models)

This display shows the time of day or Timer countdown.

---

## Start

The START pad begins any oven function except the Timer and Control Lock. If not pressed within 5 seconds after pressing a pad, "START?" will appear on the oven display as a reminder. If not pressed within 5 minutes after pressing a pad, the oven display will return to the clock and the programmed function will be canceled.

---

## Cancel Off

The CANCEL OFF pad stops any oven function except for the Clock, Timer and Control Lock.

---

## Clock

This is a 12-hour clock and does not show a.m. or p.m.

### To Set:

1. Press CLOCK SET/START.
  2. Press number pads to set time of day.  
On some models, press the HR and MIN "up" or "down" arrow pads (buttons) until the correct time shows on the display.
  3. Press START.
- 

## Tones

Tones are audible signals, indicating the following:

### One tone

- Valid pad press
- Oven is preheated
- Function has been entered

### Three tones

- Invalid pad press

### Four tones

- End of cycle
- Reminder, repeating each minute after the end-of-cycle tones

### To Remove Tones:

Press and hold STOP TIME. Repeat to turn back on.

### Reminder Tones Only

The Minute Timer and Timed Cooking reminder tones are preset on, but can be turned off.

**To Turn Tones Off/On:** Press and hold TIMER SET/START until a tone sounds. Repeat to turn back on.

### End-of-Cycle and Reminder Tones

The Timer and Timed Cooking end-of-cycle and reminder tones are preset on, but can be turned off. However, on double oven models, if all tones have been turned off, the end-of-cycle and reminder tones cannot be independently turned on.

**To Turn Tones Off/On:** Press and hold COOK TIME until a tone sounds and the oven display returns to the clock. Repeat to turn back on.

### Tone Volume

The volume is preset at high, but can be changed to low.

**To Change:** Press and hold the DELAY START for five seconds. A tone will sound, and "Snd Lo" will appear on the oven display for 3 seconds. Repeat to change back to "Snd HI."

---

## Fahrenheit and Celsius

To set oven to cook in Celsius instead of Fahrenheit, press and hold BROIL for 5 seconds. Repeat to change back into Fahrenheit.

---

## Timer

The Timer can be set in minutes and seconds or hours and minutes and counts down the set time.

**NOTE:** The Timer does not start or stop the oven.

### To Set:

1. Press TIMER SET/START.  
Press again to switch between MIN/SEC and HR/MIN.  
If no action is taken after 1 minute, the display will return to the time of day mode.
  2. Press the number pads to set length of time.  
On some models, press the HR and MIN "up" or "down" arrow pads (buttons) until the correct time shows on the display.
  3. Press TIMER SET/START.  
If not pressed within 5 seconds, the display will return to the time of day mode and the programmed function will be canceled.  
When the set time ends, if on, end-of-cycle tones will sound, then reminder tones will sound every minute.
  4. Press TIMER CANCEL anytime to cancel the Timer and/or stop reminder tones.  
Remember, if Cancel Off is pressed, the oven will turn off.  
The time can be reset during the countdown by repeating the above steps.
- 

## Control Lock

The Control Lock shuts down the control panel pads to prevent unintended use of the oven. The Control Lock is preset unlocked, but can be locked.

When the control is locked, only the TIMER SET/START and TIMER CANCEL pads will function.

**To Lock/Unlock Control:** Before locking, make sure the oven, the Timer and Timed Cooking are off. Press and hold START for about 5 seconds until "LOC" and a picture of a lock appear on the display. Repeat to unlock and remove "CONTROL LOCK" from the display.

## Oven Temperature Control

**IMPORTANT:** Do not use a thermometer to measure oven temperature because opening the oven door during cycling may give incorrect readings.

The oven provides accurate temperatures; however, it may cook faster or slower than your previous oven, so the temperature calibration can be adjusted. It can be changed in Fahrenheit or Celsius.

A minus sign means the oven will be cooler by the displayed amount. No sign means the oven will be warmer by the displayed amount. Use the following chart as a guide.

ADJUSTMENT °F (AUTOMATIC °C CHANGE)	COOKS FOOD
5° to 10°F (3° to 6°C)	...a little more
15° to 20°F (9° to 12°C)	...moderately more
25° to 35°F (15° to 21°C)	...much more
-5° to -10°F (-3° to -6°C)	...a little less
-15° to -20°F (-9° to -12°C)	...moderately less
-25° to -35°F (-15° to -21°C)	...much less

### To Adjust Oven Temperature Calibration:

1. Press and hold BAKE for 5 seconds or until the oven display shows the current calibration, for example, "0° CAL COOK TEMP" or "0° CAL."
2. Press the TEMPERATURE "up" or "down" arrow pads (buttons) to increase or decrease the temperature in 10°F (6°C) amounts. The adjustment can be set between 30°F (18°C) and -30°F (-18°C).
3. Press START.

## OVEN USE

Odors and smoke are normal when the oven is used the first few times, or when it is heavily soiled.

**IMPORTANT:** The health of some birds is extremely sensitive to the fumes given off. Exposure to the fumes may result in death to certain birds. Always move birds to another closed and well ventilated room.

### Aluminum Foil

**IMPORTANT:** Do not line the oven bottom with any type of foil, liners or cookware because permanent damage will occur to the oven bottom finish.

- Do not cover entire rack with foil because air must be able to move freely for best cooking results.
- To catch spills, place foil on rack below dish. Make sure foil is at least 1 in. (2.5 cm) larger than the dish and that it is turned up at the edges.
- Do not cover food with aluminum foil when convection cooking (on some models).

## Positioning Racks and Bakeware

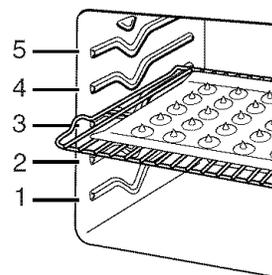
**IMPORTANT:** Never place food or bakeware directly on the oven door or bottom. Permanent damage will occur to the porcelain finish.

### RACKS

#### NOTES:

- Position racks before turning the oven on.
- Do not move racks with bakeware on them.
- Make sure racks are level.

To move a rack, pull it out to the stop position, raise the front edge, then lift out. Use the following illustration and chart as a guide.



FOOD	RACK POSITION
Frozen pies, large roasts, turkeys, angel food cakes	1 or 2
Bundt cakes, most quick breads, yeast breads, casseroles, meats	2
Cookies, biscuits, muffins, cakes, nonfrozen pies	2 or 3

### BAKEWARE

To cook food evenly, hot air must be able to circulate. Allow 2 in. (5 cm) of space around bakeware and oven walls. Use the following chart as a guide.

NUMBER OF PAN(S)	POSITION ON RACK
1	Center of rack.
2	Side by side or slightly staggered.
3 or 4	Opposite corners on each rack. Make sure that no bakeware piece is directly over another.

## Bakeware

The bakeware material affects cooking results. Follow manufacturer's recommendations and use the bakeware size recommended in the recipe. Use the following chart as a guide.

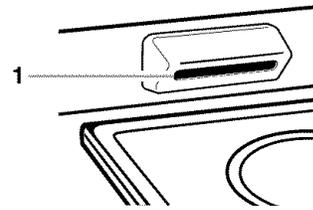
BAKEWARE/ RESULTS	RECOMMENDATIONS
<b>Light colored aluminum</b> <ul style="list-style-type: none"> <li>■ Light golden crusts</li> <li>■ Even browning</li> </ul>	<ul style="list-style-type: none"> <li>■ Use temperature and time recommended in recipe.</li> </ul>
<b>Dark aluminum and other bakeware with dark, dull and/or nonstick finish</b> <ul style="list-style-type: none"> <li>■ Brown, crisp crusts</li> </ul>	<ul style="list-style-type: none"> <li>■ May need to reduce baking temperatures 25°F (15°C).</li> <li>■ Use suggested baking time.</li> <li>■ For pies, breads and casseroles, use temperature recommended in recipe.</li> <li>■ Place rack in center of oven.</li> </ul>
<b>Insulated cookie sheets or baking pans</b> <ul style="list-style-type: none"> <li>■ Little or no bottom browning</li> </ul>	<ul style="list-style-type: none"> <li>■ Place in the bottom third of oven.</li> <li>■ May need to increase baking time.</li> </ul>
<b>Stainless steel</b> <ul style="list-style-type: none"> <li>■ Light, golden crusts</li> <li>■ Uneven browning</li> </ul>	<ul style="list-style-type: none"> <li>■ May need to increase baking time.</li> </ul>
<b>Stoneware</b> <ul style="list-style-type: none"> <li>■ Crisp crusts</li> </ul>	<ul style="list-style-type: none"> <li>■ Follow manufacturer's instructions.</li> </ul>
<b>Ovenproof glassware, ceramic glass or ceramic</b> <ul style="list-style-type: none"> <li>■ Brown, crisp crusts</li> </ul>	<ul style="list-style-type: none"> <li>■ May need to reduce baking temperatures 25°F (15°C).</li> </ul>

## Meat Thermometer

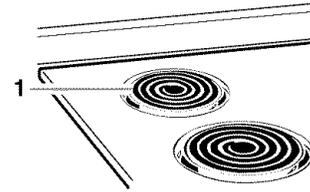
On models without a temperature probe, always rely on a meat thermometer to determine doneness of meat and poultry. The internal temperature, not appearance, is what counts. A meat thermometer is not supplied with this appliance.

- Insert the thermometer into the center of the thickest portion of the meat or inner thigh or breast of poultry. The tip of the thermometer should not touch fat, bone or gristle.
- After reading the thermometer once, push it into the meat ½ in. (1.25 cm) more and read again. If the temperature drops, cook the meat or poultry longer.
- Check all meat in 2 or 3 places.

## Oven Vent



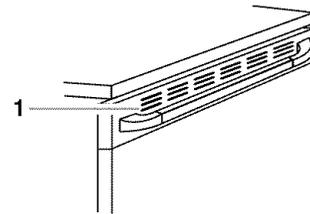
1. Oven vent (on ceramic glass models)



1. Oven vent (on coil element models)

The oven vent should not be blocked or covered since it allows the release of hot air and moisture from the oven. Doing so will cause poor air circulation, affecting cooking and cleaning results. Never set plastics, paper or other items that could melt or burn near the oven vent.

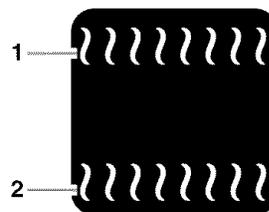
## Oven Door Vent



1. Oven door vent

Hot air and moisture escape from the door vent during certain oven modes. Some condensation may occur, however this will not affect cooking performance.

## Bake



1. Broil heat  
2. Bake heat

The BAKE function is ideal for baking, roasting or heating casseroles.

During baking or roasting, the bake and broil elements will cycle on and off in intervals to maintain oven temperature.

If the oven door is opened during baking or roasting, the broil element will turn off immediately and the bake element will turn off in 2 minutes. They will come back on once the door is closed.

**To Bake or Roast:**

Before baking and roasting, position racks according to the "Positioning Racks and Bakeware" section. When roasting, it is not necessary to wait for the oven to preheat before putting food in, unless recommended in the recipe.

**1. Press BAKE.**

Press the number pads to enter a temperature other than 350°F (177°C). The bake range can be set between 170°F and 500°F (77°C and 260°C).

On some models, press the TEMPERATURE "up" or "down" arrow pads (buttons) to enter a temperature other than 350°F (177°C).

**2. Press START.**

"Lo" will appear on the display if the actual oven temperature is under 170°F (77°C).

On some models, "PrE" will appear on the display if the oven temperature is under 170°F (77°C).

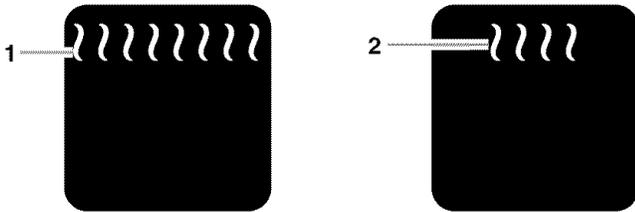
On some models, when the actual oven temperature reaches 170°F (77°C), the oven display will show the temperature increasing in 5° increments.

When the set temperature is reached, if on, 1 tone will sound.

**3. Press CANCEL OFF when finished cooking.**

**Broil**

(Maxi/Econo on some models)



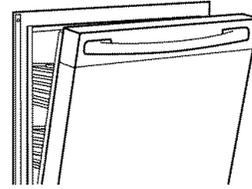
1. Broil Maxi

2. Broil Econo

- Use only the broiler pan and grid provided with the range. It is designed to drain juices and help prevent spatter and smoke.
- For proper draining, do not cover the grid with foil. The bottom of the pan may be lined with aluminum foil for easier cleaning.
- Trim excess fat to reduce spattering. Slit the remaining fat on the edges to prevent curling.
- Pull out oven rack to stop position before turning or removing food. Use tongs to turn food to avoid the loss of juices. Very thin cuts of fish, poultry or meat may not need to be turned.
- After broiling, remove the pan from the oven when removing the food. Drippings will bake on the pan if left in the heated oven, making cleaning more difficult.

Broiling uses direct radiant heat to cook food. Use MAXI/ECONO (on some models) for broiling regular-sized and smaller cuts of meat, poultry and fish. Broil MAXI uses both top elements for maximum browning coverage of foods. Broil ECONO uses the inner element for browning coverage only in the center of foods.

Before broiling, position rack according to Broiling Chart. It is not necessary to preheat the oven before putting food in unless recommended in the recipe. Position food on grid in the broiler pan, then place it in the center of the oven rack. Close the door to the broil stop position to ensure proper broiling temperature.



**To Broil:**

**1. Press BROIL.**

On some models, press once for Broil MAXI and twice for Broil ECONO.

**2. Press START.**

**3. Press CANCEL OFF when finished.**

**Variable Temperature Broiling (on some models)**

Changing the temperature when Variable Temperature Broiling allows more precise control when cooking. The lower the temperature, the slower the cooking. Thicker cuts and unevenly shaped pieces of meat, fish and poultry may cook better at lower broiling temperatures.

**To Vari Broil:**

**1. Press BROIL.**

On some models, press once for Broil MAXI and twice for Broil ECONO.

**2. Press the number pads to set a temperature between 170°F to 325°F (77°C to 163°C).**

On some models, press the TEMPERATURE "up" or "down" arrow pads (buttons) to set a temperature between 300°F and 525°F (149°C and 275°C).

**3. Press START.**

The temperature can be changed after this step. START does not need to be pressed again.

**4. Press CANCEL OFF when finished.**

**BROILING CHART**

For best results, place food 3 in. (7 cm) or more from the broil element. Times are guidelines only and may need to be adjusted for individual tastes. Recommended rack positions are numbered from the bottom (1) to the top (5). For diagram, see the "Positioning Racks and Bakeware" section.

FOOD	RACK POSITION	TEMP.	TOTAL TIME MIN.
<b>Steak</b>			
1 in. (2.5 cm) thick			
medium rare	4	500°F	16
medium	4	(260°C)	21
well done	4		25
<b>Steak</b>			
1½ in. (3.8 cm) thick			
rare	4	500°F	23
medium	4	(260°C)	28
<b>Ground meat patties*</b>			
¾ in. (2 cm) thick			
well done	5	500°F	8-12
		(260°C)	

FOOD	RACK POSITION	TEMP.	TOTAL TIME MIN.
<b>Pork chops</b> 1 in. (2.5 cm) thick	4	450°F (232°C)	25-28
<b>Ham slice</b> [precooked] ½ in. (1.25 cm) thick 1 in. (2.5 cm) thick	4 4	500°F (260°C)	10-12 20-22
<b>Frankfurters</b>	4	500°F (260°C)	8
<b>Lamb chops</b> 1 in. (2.5 cm) thick	4	400°F (204°C)	18-20
<b>Chicken</b> bone-in pieces	3	500°F (260°C)	32
<b>Fish</b> ½ in. (1.25 cm) thick 1 in. (2.5 cm) thick	3 3	350°F (177°C)	20 20-22

\*Place up to 9 patties, equally spaced, on broiler grid.

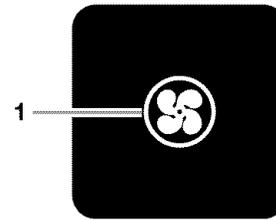
## Convection Cooking (on some models)

In a convection oven, the fan-circulated hot air continually distributes heat more evenly than the natural movement of air in a standard thermal oven. This movement of hot air maintains a consistent temperature throughout the oven, cooking foods more evenly, crisping surfaces while sealing in moisture and yielding crustier breads.

Most foods can be cooked by lowering cooking temperatures 25°F to 50°F (14°C to 28°C) and cooking time can be shortened by as much as 30 percent, especially for large turkeys and roasts.

- It is important not to cover foods so that surface areas remain exposed to the circulating air, allowing browning and crisping.
- Keep heat loss to a minimum by only opening the oven door when necessary.
- Choose cookie sheets without sides and roasting pans with lower sides to allow air to move freely around the food.
- Test baked goods for doneness a few minutes before the minimum cooking time with an alternative method such as a toothpick.
- Use a meat thermometer or the temperature probe to determine the doneness of meats and poultry. Check the temperature of pork and poultry in 2 or 3 places.

## Convection Bake (on some models)



1. Convection element heat and fan

Convection baking can be used for baking delicate cakes and pastries, as well as foods on multiple racks. It is helpful to stagger items on the racks to allow a more even flow of heat. If the oven is full, extra cooking time may be needed.

When cooking an oven meal with several different types of foods, be sure to select recipes that require similar temperatures. Cookware should sit in the oven with at least 1 in. (2.5 cm) of space between the cookware and the sides of the oven.

During convection baking preheat, the convection and broil elements and the bake element all heat the oven cavity. After preheat, the convection element and the bake element will cycle on and off in intervals to maintain oven temperature, while the fan constantly circulates the hot air.

If the oven door is opened during convection baking or preheating, the broil and convection element and fan will turn off immediately. They will come back on once the door is closed.

- Reduce recipe temperature 25°F (14°C). The cook time may need to be reduced also.

### To Convection Bake (on some models):

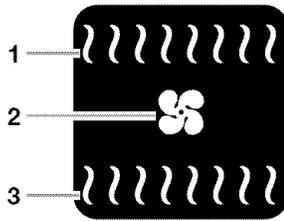
Before convection baking, position racks according to the "Positioning Racks and Bakeware" section. When using 2 racks, place on guides 2 and 4. When using 3 racks, place on guides 1, 3 and 5.

1. Press CONVECTION BAKE.  
The set temperature and "CONV BAKE" will appear on the display.
2. Press the TEMPERATURE "up" or "down" arrow pads (buttons) to enter a temperature other than 350°F (177°C).
3. Press START.  
"PrE°" will appear on the oven display if the actual oven temperature is under 170°F (77°C).  
When the set temperature is reached, if on, one tone will sound.
4. Press CANCEL OFF when finished cooking.

### To Auto Convection Bake:

1. Press AUTO CONVECTION.  
The set temperature, "CONV BAKE" and "AC" will appear on the display.  
Set the temperature to the standard non-convection cooking temperature for the food being cooked. The oven will automatically adjust to the correct convection cooking temperature when cooking starts.
2. Press the "up" or "down" arrow pads (buttons) to raise or lower the temperature in 5°F (3°C) amounts until the desired temperature shows on the display.
3. Press START.  
"PrE°" will appear on the oven display if the actual oven temperature is under 170°F (77°C).  
When the set temperature is reached, if on, 1 tone will sound.
4. Press CANCEL OFF when finished cooking.

## Convection Roast



1. Broil heat
2. Convection fan
3. Bake heat

Convection roasting can be used for roasting meats and poultry, or for baking yeast breads and loaf cakes using a single rack. During convection roasting, the bake and broil elements will cycle on and off in intervals to maintain oven temperature, while the fan constantly circulates the hot air.

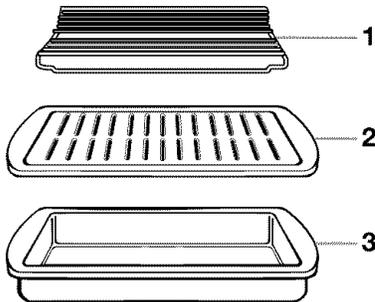
If the oven door is opened during convection roasting, the broil element and fan will turn off immediately and the bake element will turn off in 2 minutes. They will come back on once the door is closed.

- Reduce recipe temperature 25°F (14°C). The cook time may need to be reduced also.

### To Convection Roast:

Before convection roasting, position racks according to the "Positioning Racks and Bakeware" section. It is not necessary to wait for the oven to preheat before putting food in, unless recommended in the recipe.

Use the roasting rack on top of the broiler pan and grid. This holds the food above the grid and allows air to circulate completely around all surfaces.



1. Roasting rack
2. Broiler grid
3. Broil pan

1. Press CONVECTION ROAST.  
Press the number pads to enter a temperature other than 300°F (149°C). The convection roast range can be set between 170°F and 500°F (77°C and 260°C).
2. Press START.  
"Lo" will appear on the oven display if the actual oven temperature is under 170°F (77°C).  
When the set temperature is reached, if on, 1 tone will sound.
3. Press CANCEL OFF when finished cooking.

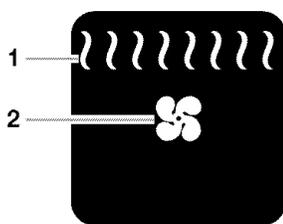
## CONVECTION ROASTING CHART

Food/Rack Position	Cook Time (min. per 1 lb [454 g])	Oven Temp.	Internal Food Temp.
<b>Beef, Rack Position 2</b>			
<b>Rib Roast</b>			
rare	20-25	300°F (149°C)	140°F (60°C)
medium	25-30		160°F (71°C)
well done	30-35		170°F (77°C)
<b>Rib Roast (boneless)</b>			
rare	22-25	300°F (149°C)	140°F (60°C)
medium	27-30		160°F (71°C)
well done	32-35		170°F (77°C)
<b>Rump, Sirloin Tip Roast</b>			
rare	20-25	300°F (149°C)	140°F (60°C)
medium	25-30		160°F (71°C)
well done	30-35		170°F (77°C)
<b>Meat Loaf</b>	20-25	325°F (163°C)	165°F (74°C)
<b>Veal, Rack Position 2</b>			
<b>Loin, Rib, Rump Roast</b>			
medium	25-35	325°F (163°C)	160°F (71°C)
well done	30-40		170°F (77°C)
<b>Pork, Rack Position 2</b>			
<b>Loin Roast (boneless)</b>	30-40	325°F (163°C)	160°F-170°F (71°C-77°C)
<b>Shoulder Roast</b>	35-40	325°F (163°C)	160°F-170°F (71°C-77°C)
<b>Ham, Rack Position 2</b>			
<b>Fresh (uncooked)</b>	25-35	300°F (149°C)	160°F (71°C)
<b>Fully Cooked</b>	15-20	300°F (149°C)	160°F (71°C)
<b>Lamb, Rack Position 2</b>			
<b>Leg, Shoulder Roast</b>			
medium	25-30	300°F (149°C)	160°F (71°C)
well done	30-35		170°F (77°C)
<b>Chicken*, Rack Position 2</b>			
<b>Whole</b>			
3-5 lbs. (1.5-2.2 kg)	20-25	325°F (163°C)	180°F (82°C)
5-7 lbs. (2.2-3.1 kg)	15-20		180°F (82°C)

Food/Rack Position	Cook Time (min. per 1 lb [454 g])	Oven Temp.	Internal Food Temp.
<b>Turkey*, Rack Positions 1 or 2</b>			
13 lbs. (5.85 kg) and under	10-15	300°F (149°C)	180°F (82°C)
(Over 13 lbs. (5.85 kg))	10-12	300°F (149°C)	180°F (82°C)
<b>Cornish Game Hens*, Rack Position 2 or 3</b>			
1-1.5 lbs. (0.5-0.7 kg)	50-60	325°F (163°C)	180°F (82°C)

\*Do not stuff poultry when convection roasting.

## Convection Broil



1. Broil heat  
2. Fan

During convection broiling, the broil elements will cycle on and off in intervals to maintain oven temperature, while the fan constantly circulates the hot air.

The temperature is preset at 450°F (232°C), but can be changed to a different temperature. Cooking times will vary depending on the rack position and temperature and may need to be adjusted.

If the oven door is opened during convection broiling, the broil elements and fan will turn off immediately. They will come back on once the door is closed.

### To Convection Broil:

Before convection broiling, see “Broil Maxi/Econo” section for general broiling guidelines. Position rack.

Allow the oven to preheat for 5 minutes. Position food on the unheated grid on the broiler pan, then place it in the center of the oven rack with the longest side parallel to the door.

Close the door.

1. Press CONVECTION BROIL.
2. Press the TEMPERATURE “up” or “down” arrow pads (buttons) to enter a temperature other than 450°F (232°C).  
The convection broil range can be set between 170°F and 500°F (77°C and 260°C).
3. Press START.  
The set oven temperature will appear on the oven display until oven is turned off.
4. Press CANCEL OFF when finished cooking.

## Timed Cooking

### **⚠ WARNING**

#### Food Poisoning Hazard

**Do not let food sit in oven more than one hour before or after cooking.**

**Doing so can result in food poisoning or sickness.**

Timed Cooking allows the oven to be set to turn on at a certain time of day, cook for a set length of time, and/or shut off automatically. Delay start should not be used for food such as breads and cakes because they may not bake properly.

### To Set a Cook Time:

1. Press BAKE, CONVECTION BAKE or CONVECTION ROAST.  
On some models, press the number pads to enter a temperature other than the one displayed.  
On some models, press the TEMPERATURE “up” or “down” arrow pads (buttons) to enter a temperature other than 350°F (177°C).
2. Press COOK TIME.
3. Press number pads to enter the length of time to cook.  
On some models, press the TEMPERATURE “up” or “down” arrow pads (buttons) until the correct time shows on the display.
4. Press START.  
On some models, the start time, stop time, vertical bar countdown and minute time countdown will appear on the oven display.  
When the stop time is reached, the oven will shut off automatically and “End” will appear on the oven display.  
If on, end-of-cycle tones will sound, then reminder tones will sound every minute.
5. Press CANCEL OFF or open the oven door to clear the display and/or stop reminder tones.

### To Set a Cook Time and Stop Time:

Before setting, make sure the clock is set to the correct time of day. See “Clock” section.

1. Press BAKE, CONVECTION BAKE or CONVECTION ROAST.  
Press the number pads to enter a temperature other than the one displayed.  
On some models, press the TEMPERATURE “up” or “down” arrow pads (buttons) to enter a temperature other than 350°F (177°C).
2. Press COOK TIME.
3. Press number pads to enter the length of time to cook.  
On some models, press the HR and MIN “up” or “down” arrow pads (buttons) until the correct time shows on the display.
4. Press STOP TIME.
5. Press the number pads to enter time of day to stop.  
On some models, press the HR and MIN “up” or “down” arrow pads (buttons) until the correct time shows on the display.

6. Press START.

The start time is automatically calculated and displayed.

“DELAY” and the stop time will also appear on the oven display.

When the start time is reached, the oven will automatically turn on. On some models, the vertical bar countdown and minute time countdown will appear on the oven display.

On some models, the set temperature and minute time countdown will appear on the oven display.

When the stop time is reached, the oven will shut off automatically and “End” will appear on the oven display.

If on, end-of-cycle tones will sound, then reminder tones will sound every minute.

7. Press CANCEL OFF or open the oven door to clear the display and/or stop reminder tones.

## RANGE CARE

### Self-Cleaning Cycle (on some models)

#### ⚠ WARNING



#### Burn Hazard

**Do not touch the oven during the Self-Cleaning cycle.**

**Keep children away from oven during Self-Cleaning cycle.**

**Failure to follow these instructions can result in burns.**

**IMPORTANT:** The health of some birds is extremely sensitive to the fumes given off during the Self-Cleaning cycle. Exposure to the fumes may result in death to certain birds. Always move birds to another closed and well ventilated room.

Self-clean the oven before it becomes heavily soiled. Heavy soil results in longer cleaning and more smoke.

Keep the kitchen well-ventilated during the Self-Cleaning cycle to help get rid of heat, odors, and smoke.

Do not block the oven vent(s) during the Self-Cleaning cycle. Air must be able to move freely. Depending on your model, see “Oven Vent” or “Oven Vents” section.

Do not clean, rub, damage or move the oven door gasket. The door gasket is essential for a good seal.

#### Prepare Oven:

- Remove the broiler pan, grid, cookware and bakeware and, on some models, the temperature probe from the oven.
- Remove any foil from the oven because it may burn or melt, damaging the oven.

- Remove oven racks to keep them shiny and easy to slide. See “General Cleaning” section for more information.
- Hand clean inside door edge and the 1½ in. (3.8 cm) area around the inside oven cavity frame, being careful not to move or bend the gasket. This area does not get hot enough during self-cleaning to remove soil. Do not let water, cleaner, etc. enter slots on door frame. Use a damp cloth to clean this area.
- Wipe out any loose soil to reduce smoke and avoid damage. At high temperatures, foods react with porcelain. Staining, etching, pitting or faint white spots can result. This will not affect cooking performance.

#### Prepare Cooktop and Storage Drawer:

- Remove plastic items from the cooktop because they may melt.
- Remove all items from the storage drawer.

#### How the Cycle Works

**IMPORTANT:** The heating and cooling of porcelain on steel in the oven may result in discoloring, loss of gloss, hairline cracks and popping sounds.

The Self-Cleaning cycle uses very high temperatures, burning soil to a powdery ash.

The oven is preset for a 3 hour 30 minute clean cycle, however the time can be changed. Suggested clean times are 2 hours 30 minutes for light soil and between 3 hours 30 minutes to 4 hours 30 minutes for average to heavy soil.

Once the oven has completely cooled, remove ash with a damp cloth. Do not wipe down any of the inside surfaces until the oven has completely cooled down. Applying a cool damp cloth to the inner door glass before it has cooled completely could result in the glass breaking.

The oven light will not work during the Self-Cleaning cycle.

On Canadian models, the rear surface elements will not work during the Self-Cleaning cycle.

#### To Self-Clean:

Before self-cleaning, make sure the door is closed completely or it will not lock and the cycle will not begin.

1. Press CLEAN.

Press the number pads to set a clean time other than 3 hours 30 minutes. The clean time can be set between 2 hours 30 minutes and 4 hours 30 minutes.

On some models, press the HR and MIN “up” or “down” arrow pads (buttons) to set clean time.

2. Press START.

The oven door will automatically lock and “DOOR LOCKED” or “LOCKED,” the start time and stop time will appear on the oven display. On some models, the clean time will appear on the oven display.

The door will not unlock until the oven cools.

When the cycle is complete and the oven cools, “End” will appear on the oven display and “DOOR LOCKED” or “LOCKED” will disappear from the display.

3. Press any pad or open the oven door to clear the oven display.

#### To Delay Start Self-Clean:

Before delay starting Self-Clean, make sure the clock is set to the correct time of day. See “Clock” section. Also, make sure the door is closed completely or it will not lock and the cycle will not begin.

1. Press CLEAN.

Press the number pads to set a clean time other than 3 hours 30 minutes. The clean time can be set between 2 hours 30 minutes and 4 hours 30 minutes.

On some models, press the HR and MIN “up” or “down” arrow pads (buttons) to set clean time.

2. Press STOP TIME.  
On some models, press DELAY START.
3. Press the number pads to enter the time of day to stop.  
On some models, press the HR and MIN “up” or “down” arrow pads (buttons) until the correct time shows on the display.
4. Press START.  
The start time is automatically calculated and displayed. The door will automatically lock and “DOOR LOCKED” or “LOCKED” and “DELAY” and the stop time will also appear on the display (on some models). The door will not unlock until the oven cools.  
  
When the start time is reached, the oven will automatically turn on.  
  
When the cycle is complete and the oven cools, “End” will appear on the oven display and “DOOR LOCKED” or “LOCKED” will disappear from the display.
5. Press CANCEL OFF to clear the oven display.

### To Stop Self-Clean any time:

Press CANCEL OFF. If the oven temperature is too high, the door will remain locked. It will not unlock until the oven cools.

On some models, if the oven temperature is too high after self-cleaning, then “cln,” “TIMED,” “ON,” “cool” and “LOCKED” will appear on the display until the oven completely cools.

## General Cleaning

**IMPORTANT:** Before cleaning, make sure all controls are off and the oven and cooktop are cool. Always follow label instructions on cleaning products.

Soap, water and a soft cloth or sponge are suggested first unless otherwise noted.

### EXTERIOR PORCELAIN ENAMEL SURFACES (on some models)

Food spills containing acids, such as vinegar and tomato, should be cleaned as soon as the entire appliance is cool. These spills may affect the finish.

- Glass cleaner, mild liquid cleaner or nonabrasive scrubbing pad:  
Gently clean around the model and serial number plate because scrubbing may remove numbers.

### STAINLESS STEEL (on some models)

Do not use soap-filled scouring pads, abrasive cleaners, Cooktop Polishing Creme, steel-wool pads, gritty washcloths or some paper towels. Damage may occur.

Rub in direction of grain to avoid damaging.

- Stainless Steel Cleaner & Polish (not included):  
See “Assistance or Service” section to order.
- Liquid detergent or all-purpose cleaner:  
Rinse with clean water and dry with soft, lint-free cloth.
- Vinegar for hard water spots

### CERAMIC GLASS (on some models)

Do not use steel wool, abrasive powder cleansers, chlorine bleach, rust remover or ammonia because damage may occur.

Always wipe with a clean, wet cloth or sponge and dry thoroughly to prevent streaking and staining.

Cooktop Polishing Creme is recommended for regular use to help prevent scratches, pitting and abrasions, and to condition the cooktop. It may be ordered as an accessory. See “Assistance or Service” to order.

A Cooktop Scraper is also recommended for stubborn soils, and can be ordered as an accessory. See “Assistance or Service” to order. The Cooktop Scraper uses razor blades. **Store razor blades out of the reach of children.**

### Light to moderate soil

- Paper towels or clean damp sponge:

Clean while the cooktop is still warm. You may want to wear oven mitts while doing so.

### Sugary spills (jellies, candy, syrup)

- Cooktop Scraper:

Clean while the cooktop is still warm. You may want to wear oven mitts while doing so.

- Cooktop Polishing Creme and clean damp paper towel:

Clean as soon as cooktop has cooled down. Rub creme into surface with a damp paper towel or soft cloth. Continue rubbing until white film disappears.

### Heavy soil, dark streaks, specks and discoloration

- Cooktop Polishing Creme or nonabrasive cleanser:

Rub product into soil with a damp paper towel or soft cloth. Continue rubbing until white film disappears.

### Burned-on soil

- Cooktop Polishing Creme and Cooktop Scraper:

Rub creme into soil with damp paper towel. Hold scraper as flat as possible on surface and scrape. Repeat for stubborn spots. Polish entire cooktop with creme and paper towel.

### Metal marks from aluminum and copper

- Cooktop Polishing Creme:

Clean as soon as cooktop has cooled down. Rub creme into surface with a damp paper towel or soft cloth. Continue rubbing until white film disappears. The marks will not totally disappear but after many cleanings become less noticeable.

### Tiny scratches and abrasions

- Cooktop Polishing Creme:

Rub creme into surface with a damp paper towel or soft cloth. Continue rubbing until white film disappears. Scratches and abrasions do not affect cooking performance and after many cleanings become less noticeable.

## COOKTOP CONTROLS

Do not use steel wool, abrasive cleansers or oven cleaner.

Do not soak knobs.

When replacing knobs, make sure knobs are in the Off position.

On some models, do not remove seals under knobs.

- Soap and water or dishwasher:

Pull knobs straight away from control panel to remove.

## COIL ELEMENTS (on some models)

Do not clean or immerse in water. Soil will burn off when hot.

For more information, see “Coil Elements and Burner Bowls.”

- Damp cloth:

Make sure control knobs are off and elements are cool.

---

### BURNER BOWLS (on some models)

---

Do not clean in the Self-Cleaning cycle.

- Solution of ½ cup (125 mL) ammonia to 1 gal. (3.75 L) water:  
Soak for 20 minutes, then scrub with stainless steel wool pad.
- Oven cleaner:  
Follow product label instructions.
- Mildly abrasive cleanser:  
Scrub with wet scouring pad.

#### Porcelain enamel only, not chrome

- Dishwasher

---

### SURFACE UNDER COOKTOP (on some models)

---

To avoid product damage, do not remove the cooktop.

For more information, see “Lift-up Cooktop” section.

- Steel-wool pad

---

### OVEN DOOR EXTERIOR

---

- Glass cleaner and paper towels or nonabrasive plastic scrubbing pad:  
Apply glass cleaner to soft cloth or sponge, not directly on panel.

---

### CONTROL PANEL

---

Do not use abrasive cleaners, steel-wool pads, gritty washcloths or some paper towels. Damage may occur.

- Glass cleaner and soft cloth or sponge:  
Apply glass cleaner to soft cloth or sponge, not directly on panel.

---

### OVEN CAVITY

---

Do not use oven cleaners.

Food spills should be cleaned when oven cools. At high temperatures, foods react with porcelain and staining, etching, pitting or faint white spots can result.

- Self-Cleaning cycle:  
See “Self-Cleaning Cycle” first.

---

### OVEN RACKS AND ROASTING RACKS

---

- Self-Cleaning cycle:  
See “Self-Cleaning Cycle” first. Remove racks or they will discolor and become harder to slide. If this happens, a light coating of vegetable oil applied to the rack guides will help them slide.
- Steel-wool pad

---

### BROILER PAN AND GRID

---

Do not clean in the Self-Cleaning cycle (on some models).

- Mildly abrasive cleanser:  
Scrub with wet scouring pad.
- Solution of ½ cup (125 mL) ammonia to 1 gal. (3.75 L) water:  
Soak for 20 minutes, then scrub with scouring or steel-wool pad.
- Oven cleaner:  
Follow product label instructions.

#### Porcelain enamel only, not chrome

- Dishwasher

---

### TEMPERATURE PROBE (on some models)

---

- Plastic scouring pad

---

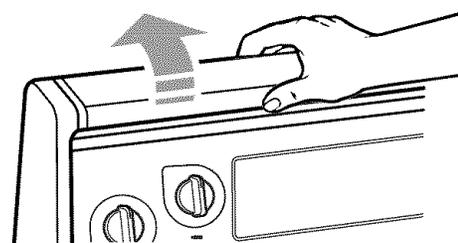
## Cooktop Light (on some models)

The cooktop light is located on the top of the control panel. It has 2 replaceable parts. The cooktop light is a 20-watt cool-white fluorescent tube. The starter is a knob-shaped part located on the right side of the backguard, under the light bulb.

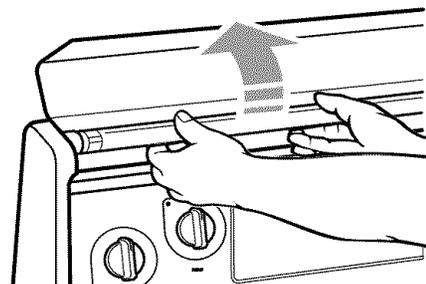
Before replacing, make sure the range is off and cool.

#### To Replace Light:

1. Unplug range or disconnect power.
2. Flip up the top of the control panel.



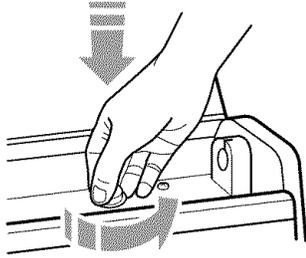
3. Grasp both ends of the fluorescent tube.
4. Turn the tube 90° in either direction until both ends come out of the receptacles.



5. Replace tube, replace top of the control panel.
6. Plug in range or reconnect power.

### To Replace Starter:

1. Unplug range or disconnect power.
2. Remove tube.
3. Push starter in and turn approximately 90° counterclockwise.



4. Pull starter out of recessed area.
5. Replace starter, tube and top of control panel.
6. Plug in range or reconnect power.

---

### Resetting Range Circuit Breakers (on Canadian models only)

---

The breakers on the range are located under the fluorescent tube and parallel to the starter. The breakers are for outlet protection. To reset, push button on top of breakers.

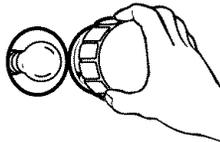
## Oven Light(s)

The oven light(s) is a 40-watt appliance bulb. The light(s) will come on when the oven door is opened. The light(s) will not work during the Self-Cleaning cycle. When the oven door is closed, press OVEN LIGHT to turn the light(s) on or off.

### To Replace:

Before replacing, make sure the oven is off and cool.

1. Unplug range or disconnect power.
2. Turn the glass bulb cover in the back of the oven counterclockwise to remove.



3. Turn bulb counterclockwise to remove from socket.
4. Replace bulb and bulb cover by turning clockwise.
5. Plug in range or reconnect power.

---

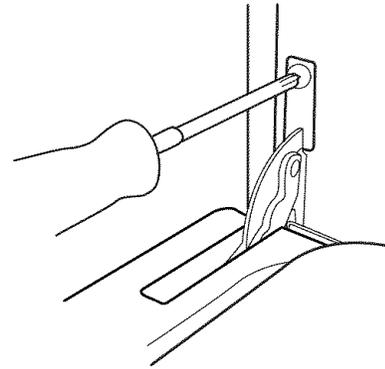
## Oven Door

For normal range use, it is not suggested to remove the oven door. However, if removal is necessary, make sure the oven is off and cool. Then, follow these instructions. The oven door is heavy.

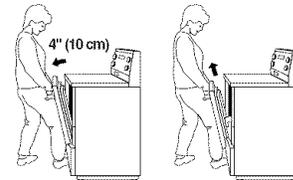
### To Remove:

1. Fully open the oven door.

2. Unscrew clips with a #2 square or Phillips screwdriver.

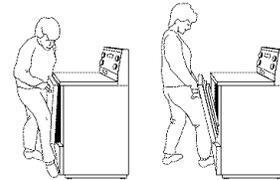


3. Close oven door to the stop position (open about 4 in. [10 cm]).
4. Lift door slightly and pull out and back until hinges come out to the catch position.
5. Push door down and pull straight out to remove door completely.



### To Replace:

1. Hold oven door by the handle and place the top of the door under the cooktop overhang.
2. Use front of leg to apply pressure to slide hinges into the slots as far as possible.
3. Use side of leg to apply pressure to the bottom of the door front.
4. Lift door slightly. Apply pressure and push until the hinges have gone in fully.
5. Fully open the door.
6. Tighten clips with a #2 square or Phillips screwdriver.



---

## Storage Drawer

The storage drawer can be removed. Before removing, make sure drawer is cool and empty.

### To Remove:

1. Pull drawer straight out to the first stop.
2. Lift up the back of the drawer and pull out.

### To Replace:

1. Fit the ends of the drawer rails into the guides in the cavity.
2. Slide the drawer closed.

---

# TROUBLESHOOTING

---

Try the solutions suggested here first in order to avoid the cost of an unnecessary service call.

---

## Nothing will operate

---

- **Is the power supply cord unplugged?**  
Plug into a grounded 3-prong outlet.
- **Has a household fuse been blown or has the circuit breaker been tripped?**  
Replace the fuse or reset the circuit.

---

## Cooktop will not operate

---

- **Is the control knob set correctly?**  
Push in knob before turning to a setting.
- **On some ceramic glass models, is the “Cooktop Lockout” set?**  
See “Cooktop Lockout” section.
- **On coil element models, is the element inserted properly?**  
See “Coil Elements and Burner Bowls” section.

---

## Excessive heat around cookware on cooktop

---

- **Is the cookware the proper size?**  
Use cookware about the same size as the surface cooking area, element or surface burner. Cookware should not extend more than 1 in. (2.5 cm) outside the cooking area.

---

## Hot surface indicator light stays on

---

- **Does the hot surface indicator light stay on after control knob(s) have been turned off?**  
See “Cooktop Controls” section.

---

## Cooktop cooking results not what expected

---

- **Is the proper cookware being used?**  
See “Cookware” section.
- **Is the control knob set to the proper heat level?**  
See “Cooktop Controls” section.
- **Is the appliance level?**  
Level the appliance. See the Installation Instructions.
- **On coil element models, is the element inserted properly?**  
See “Coil Elements and Burner Bowls” section.

---

## Oven will not operate

---

- **Is the electronic oven control set correctly?**  
See “Electronic Oven Control” section.
- **Has a delay start been set?**  
See “Timed Cooking” section.
- **On some models, is the Control Lock set?**  
See “Control Lock” section.
- **On some models, is the Sabbath Mode set?**  
See “Sabbath Mode” section.

---

## Oven temperature too high or too low

---

- **Does the oven temperature calibration need adjustment?**  
See “Oven Temperature Control” section.
- **On some models, does the cooling fan run during BAKE, BROIL or CLEAN?**  
It is normal for the fan to automatically run when the oven is in use. This helps cool the electronic control.

---

## Display shows messages

---

- **Is the display showing “PF”?**  
There has been a power failure. Clear the display. See “Display(s)” section. On some models, reset the clock, if needed. See “Clock” section.
- **Is the display showing a letter followed by a number?**  
Press CANCEL OFF to clear the display. See “Display(s)” section. If it reappears, call for service. See “Assistance or Service” section.
- **Is the display showing “F5” or “E3”?**  
The power cord is not properly grounded. See Installation Instructions.
- **On some models, is the display showing “CF”?**  
The oven is in the Convect Full Meal setting. See Convect Full Meal section.

---

## Self-Cleaning cycle will not operate

---

- **Is the oven door open?**  
Close the oven door all the way.
- **Has the function been entered?**  
See “Self-Cleaning Cycle” section.
- **On some models, has a delay start Self-Clean cycle been set?**  
See “Self-Cleaning Cycle” section.
- **Has a delay start been set?**  
See “Timed Cooking” section.

---

## Oven cooking results not what expected

---

- **Is the appliance level?**  
Level the appliance. See the Installation Instructions.
- **Is the proper temperature set?**  
Double-check the recipe in a reliable cookbook.
- **Is the proper oven temperature calibration set?**  
See “Oven Temperature Control” section.
- **Was the oven preheated?**  
See “Bake,” “Convection,” and “Convection Roast” section.
- **Is the proper bakeware being used?**  
See “Bakeware” section.
- **Are the racks positioned properly?**  
See “Positioning Racks and Bakeware” section.
- **Is there proper air circulation around bakeware?**  
See “Positioning Racks and Bakeware” section.
- **Is the batter evenly distributed in the pan?**  
Check to make sure batter is level in the pan.
- **Is the proper length of time being used?**  
Adjust cooking time.
- **Has the oven door been opened while cooking?**  
Oven peeking releases oven heat and can result in longer cooking times.
- **Are baked items too brown on the bottom?**  
Move rack to higher position in the oven.
- **Are pie crust edges browning early?**  
Use aluminum foil to cover the edge of the crust and/or reduce baking temperature.

---

# ASSISTANCE OR SERVICE

Before calling for assistance or service, please check "Troubleshooting." It may save you the cost of a service call. If you still need help, follow the instructions below.

When calling, please know the purchase date and the complete model and serial number of your appliance. This information will help us to better respond to your request.

## If you need replacement parts

If you need to order replacement parts, we recommend that you only use factory specified parts. These factory specified parts will fit right and work right because they are made with the same precision used to build every new KITCHENAID® appliance.

To locate factory specified parts in your area, call our Customer Interaction Center telephone number or your nearest KitchenAid designated service center.

---

## In the U.S.A.

Call the KitchenAid Customer Interaction Center toll free:  
**1-800-422-1230.**

### Our consultants provide assistance with:

- Features and specifications on our full line of appliances.
- Installation information.
- Accessory and repair parts sales.
- Specialized customer assistance (Spanish speaking, hearing impaired, limited vision, etc.).
- Referrals to local dealers, repair parts distributors, and service companies. KitchenAid designated service technicians are trained to fulfill the product warranty and provide after-warranty service, anywhere in the United States.

To locate the KitchenAid designated service company in your area, you can also look in your telephone directory Yellow Pages.

### For further assistance

If you need further assistance, you can write to KitchenAid with any questions or concerns at:

KitchenAid Brand Home Appliances  
Customer Interaction Center  
553 Benson Road  
Benton Harbor, MI 49022-2692

Please include a daytime phone number in your correspondence.

## Accessories U.S.A.

To order accessories, call the KitchenAid Customer Interaction Center toll free at **1-800-442-9991** and follow the menu prompts. Or visit our website at [www.kitchenaid.com](http://www.kitchenaid.com) and click on "Shop-Online," then "Accessories."

## Canning Unit Kit

(coil element models)

Order Part #242905

## Cooktop Polishing Creme

(ceramic glass models)

Order Part #4392916

## Cooktop Scraper

(ceramic glass models)

Order Part #3183488

## Stainless Steel Cleaner & Polish

(stainless steel models)

Order Part #4396095

---

## In Canada

For product related questions, please call the KitchenAid Canada Customer Interaction Center toll free: **1-800-461-5681**  
Monday to Friday 8:00 a.m. - 6:00 p.m. (EST).  
Saturday 8:30 a.m. - 4:30 p.m. (EST).

### Our consultants provide assistance with:

- Features and specifications on our full line of appliances.
- Referrals to local dealers.

### For parts, accessories and service in Canada

Call **1-800-807-6777**. KitchenAid designated service technicians are trained to fulfill the product warranty and provide after-warranty service, anywhere in Canada.

### For further assistance

If you need further assistance, you can write to KitchenAid Canada with any questions or concerns at:

Customer Interaction Center  
KitchenAid Canada  
1901 Minnesota Court  
Mississauga, Ontario L5N 3A7

Please include a daytime phone number in your correspondence.

---

# KITCHENAID® COOKTOP, BUILT-IN OVEN AND RANGE WARRANTY

---

## ONE-YEAR FULL WARRANTY

For one year from the date of purchase, when this appliance is operated and maintained according to instructions attached to or furnished with the product, KitchenAid will pay for factory specified parts and repair labor costs to correct defects in materials or workmanship. Service must be provided by a KitchenAid designated service company.

---

## SECOND THROUGH FIFTH YEAR LIMITED WARRANTY ON ELECTRIC ELEMENTS, CERAMIC GLASS COOKTOP, GAS BURNERS, SOLID STATE TOUCH CONTROL SYSTEM, AND MAGNETRON TUBE

On electric ranges and electric cooktops, in the second through fifth years from the date of purchase, when this appliance is operated and maintained according to instructions attached to or furnished with the product, KitchenAid will pay for factory specified parts for any electric element to correct defects in materials or workmanship.

On ceramic glass ranges and ceramic glass cooktops, in the second through fifth years from the date of purchase, when this appliance is operated and maintained according to instructions attached to or furnished with the product, KitchenAid will pay for factory specified parts for the ceramic glass cooktop. KitchenAid warrants that the ceramic glass cooktop will not discolor, the cooktop pattern will not wear off, the rubber seal between the ceramic glass cooktop and porcelain edge will not crack, the ceramic glass cooktop will not crack due to thermal shock and the surface unit elements will not burn out.

On gas ranges and gas cooktops, in the second through fifth years from the date of purchase, when this appliance is operated and maintained according to instructions attached to or furnished with the product, KitchenAid will pay for factory specified parts for any gas burner to correct defects in materials or workmanship.

On ranges and built-in ovens, in the second through fifth years from the date of purchase, when this appliance is operated and maintained according to instructions attached to or furnished with the product, KitchenAid will pay for factory specified parts for solid state touch control system and Magnetron tube in combination ovens to correct defects in materials or workmanship.

---

## SECOND THROUGH TENTH YEAR LIMITED WARRANTY ON RANGES AND BUILT-IN OVENS PORCELAIN OVEN CAVITY/INNER DOOR

On ranges and built-in ovens only, in the second through tenth years from date of purchase, when this appliance is operated and maintained according to instructions attached to or furnished with the product, KitchenAid will pay for factory specified parts for the porcelain oven cavity/inner door if the part rusts through due to defects in materials or workmanship.

---

### KitchenAid will not pay for:

1. Service calls to correct the installation of your appliance, to instruct you how to use your appliance, to replace house fuses or correct house wiring, or to replace owner-accessible light bulbs.
2. Repairs when your appliance is used in other than normal, single-family household use.
3. Pickup and delivery. Your appliance is designed to be repaired in the home.
4. Damage resulting from accident, alteration, misuse, abuse, fire, flood, improper installation, acts of God or use of products not approved by KitchenAid or KitchenAid Canada.
5. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
6. Replacement parts or repair labor costs for units operated outside the United States or Canada.
7. In Canada, travel or transportation expenses for customers who reside in remote areas.
8. Any labor costs during the limited warranty periods.

---

### KITCHENAID AND KITCHENAID CANADA SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

**Outside the 50 United States and Canada, this warranty does not apply. Contact your authorized KitchenAid dealer to determine if another warranty applies.**

If you need service, first see the "Troubleshooting" section of this book. After checking "Troubleshooting," additional help can be found by checking the "Assistance or Service" section or by calling the KitchenAid Customer Interaction Center, **1-800-422-1230** (toll-free), from anywhere in the U.S.A. In Canada, contact your KitchenAid designated service company or call **1-800-807-6777**. 4/01

---

**Keep this book and your sales slip together for future reference. You must provide proof of purchase or installation date for in-warranty service.**

Write down the following information about your appliance to better help you obtain assistance or service if you ever need it. You will need to know your complete model number and serial number. You can find this information on the model and serial number label/plate, located on your appliance as shown in the "Parts and Features" section.

Dealer name \_\_\_\_\_  
Address \_\_\_\_\_  
Phone number \_\_\_\_\_  
Model number \_\_\_\_\_  
Serial number \_\_\_\_\_  
Purchase date \_\_\_\_\_