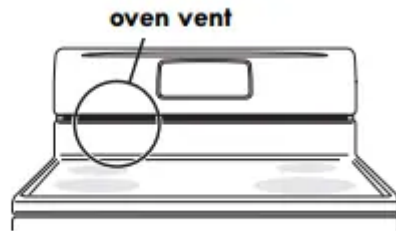


## Before Setting Oven Controls

### Oven vent location

The oven vent is located under the left side of the control panel. When the oven is on, warm air passes through this vent. This venting is necessary for proper air circulation in the oven and good baking results. Do not block oven vent.



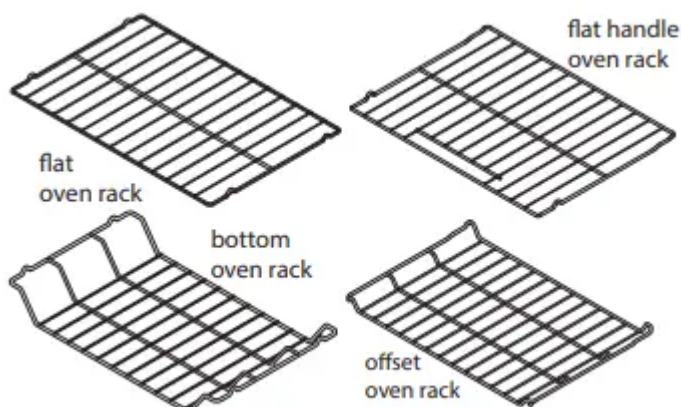
**Figure 2: Do not block oven vent location**

### Removing, replacing, and arranging flat or offset oven racks

To Arrange - Always arrange the oven racks when the oven is cool (prior to operating the oven).

To Remove - Pull the oven rack straight forward until it reaches the stop position. Lift up front of oven rack slightly and slide out.

To Replace - Place the oven rack on the rack guides on both sides of oven walls. Tilt the front of oven rack upward slightly and slide the oven rack back into place. Be sure oven racks are level before using.



**Figure 3: Oven rack types**

## Oven Rack Descriptions

- Flat oven racks (or the flat handle oven rack) may be used for most cooking needs and may be placed in most oven rack positions.
- The offset oven rack (some models) provides additional stepdown positions from the standard flat rack design. The offset design positions the base of the rack about 1/2 of a rack position lower than the flat rack and may be used in most oven rack positions.
- To maximize oven cooking space, place the bottom oven rack (some models) in the lowest rack position for baking or roasting large cuts of meat.

## Air circulation in the oven

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

## Before Setting Surface Controls

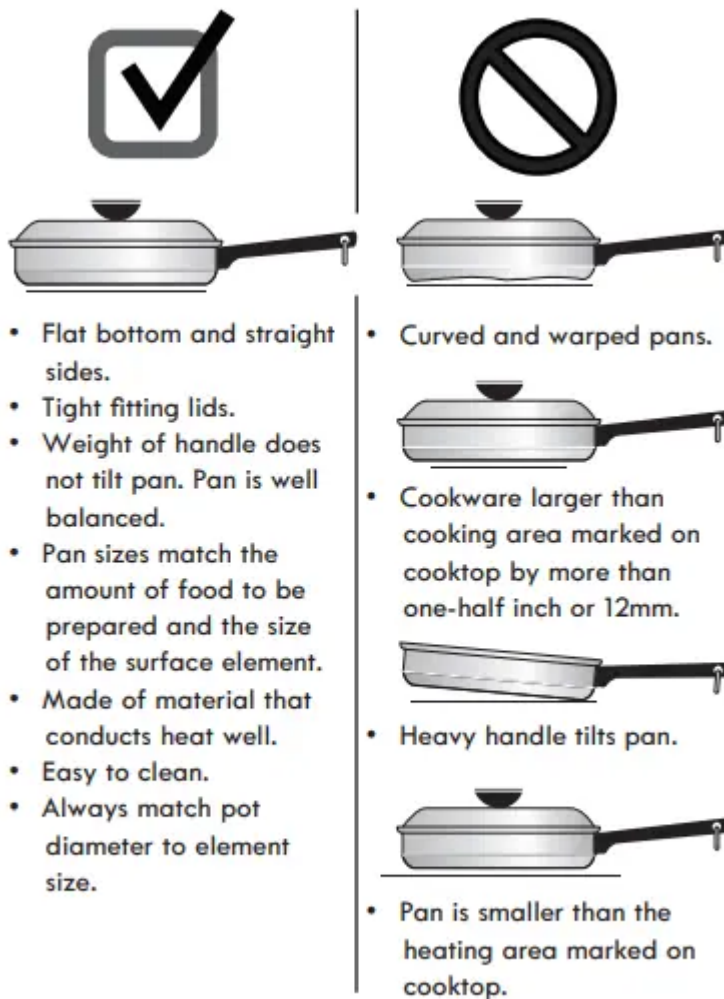
### Using proper cookware

The size and type of cookware used will influence the radiant element power level setting needed for best cooking results. Be sure to follow the recommendations for using proper cookware as illustrated in both Figure 4 and Figure 5.



**Figure 4: Testing cookware**

Check for flatness by rotating a ruler across the bottom of the cookware (See Figure 4). Cookware should have flat bottoms that make good contact with the entire surface heating element (See Figure 5). For detailed information about the ceramic cooktop, refer to the “Cooktop Maintenance” section of the Care & Cleaning chapter



**Figure 5: Proper cookware placement**

### Cookware Material Types

The cookware material determines how evenly and quickly heat is transferred from the surface element to the pan bottom. The most popular materials available are:

Aluminum - Excellent heat conductor. Some types of food will cause it to darken (Anodized aluminum cookware resists staining and pitting). If aluminum pans slide across the ceramic cooktop, they may leave metal marks which will resemble scratches. Remove these marks immediately.

Copper - Excellent heat conductor but discolors easily (See Aluminum).

Stainless - Slow heat conductor with uneven cooking results. Is durable, easy to clean and resists staining.

Cast Iron - A slow heat conductor however will retain heat very well. Cooks evenly once cooking temperature is reached. Not recommended for use on ceramic cooktops.

Porcelain-enamel on metal - Heating characteristics will vary depending on base material. Porcelain-enamel coating must be smooth to avoid scratching ceramic cooktops.

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

**Important note:**

Do not place empty aluminum, glass or porcelain-enamel coated cookware on the ceramic cooktop! The melting point of cookware made with these materials may be reached quickly especially if left empty, and they may bond to the ceramic cooktop. If the cookware melts it will damage the cooktop! Be sure to follow all the cookware manufacturer's suggestions when using any type of cookware on the ceramic cooktop.

**About the Ceramic Glass Cooktop**

The ceramic cooktop has radiant surface elements located below the surface of the glass. The design of the ceramic cooktop outlines the area of the surface element underneath. Be sure to match the pan size with the diameter of the element outline on the cooktop and only flat-bottomed cookware should be used.

The type and size of cookware, the number of surface elements in use and their settings are all factors that will affect the amount of heat that will spread to areas beyond the surface elements. The areas surrounding the elements may become hot enough to cause burns

**About the Radiant Surface Elements**

The element temperature rises gradually and evenly. As the temperature rises, the element will glow red. To maintain the selected setting the element will cycle on and off. The heating element retains enough heat to provide a uniform and consistent heat during the off cycle. For efficient cooking, turn off the element several minutes before cooking is complete. This will allow residual heat to complete the cooking process.

**Element On and Hot Surface Indicator Lights**

Your appliance is equipped with two different types of surface control indicator lights that will glow on the control panel — the ELEMENT ON indicator light and the Hot Surface indicator lights.

The ELEMENT ON indicator lights are marked on the control panel and will glow when a surface cooking element is turned on. A quick glance at these indicator lights after cooking is an easy check to be sure all surface controls are turned off.

The Hot Surface indicator lights are located on the control panel just above each surface control knob. They will glow when any surface cooking area heats up and will remain on until the cooktop has cooled to a moderate level.



# ELEMENT ON



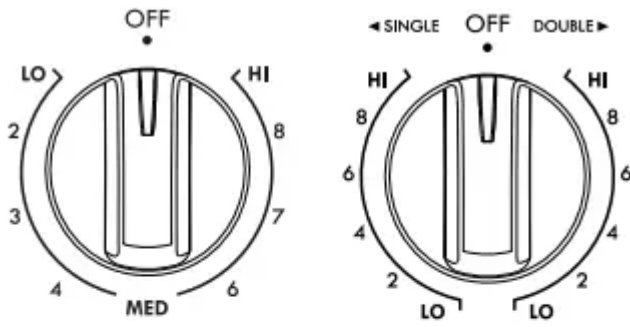
**Figure 6: Element Indicator light**

## **Important notes:**

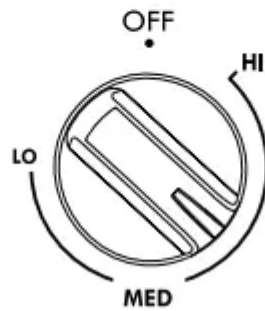
- Never place or straddle a cooking utensil over two different surface cooking elements at the same time unless the utensil is designed for that purpose. This can cause uneven heating results. This can also cause the ceramic cooktop to fracture (for ceramic cooktop models only).
- Radiant elements have a limiter that allows the radiant heating element to cycle on and off, even at the HI setting. This helps to prevent damage to the ceramic smoothtop. Cycling at the HI setting is normal and will occur more often if the cookware is too small for the radiant element or if the cookware bottom is not flat.
- Be sure to read the detailed instructions for ceramic glass cooktop maintenance and cleaning in the Care & Cleaning and Before You Call checklist sections of this Use & Care Guide.

## **Types of Cooktop Surface Elements**

The ceramic glass cooktop has radiant surface elements located below the surface of the glass. The patterns on the ceramic glass will outline the size and type of element available. The single radiant element or elements will have one round outline pattern shown on the cooktop. The warmer zone feature (on some models) located on the center rear area of the cooktop uses one round outline and is designed to keep food warm only. A dual (on some models) radiant element allows the user to set the smaller inner portion as a single element or both inner and outer portions may be set to heat together (See Figure 7)



**Figure 7: Single (L) and dual (R) radiant elements**



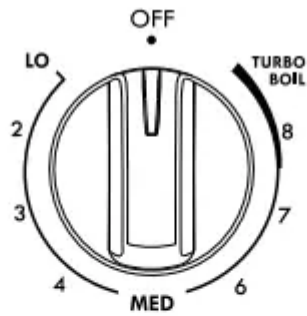
**Figure 8: Warmer zone control (some models)**

### **Turbo Boil Feature (some models)**

Your appliance may be equipped with a special element on the ceramic cooktop marked TURBO BOIL.

These higher wattage radiant elements are best used when bringing larger quantities of liquid to temperature and when preparing larger quantities of food





**Figure 9: Turbo boil control (some models)**



**Figure 10: Turbo boil (some models)**

## Home Canning

Be sure to read and observe all the following points when home canning with your appliance. Check with the USDA (United States Department of Agriculture) Web site and be sure to read all the information they have available as well as follow their recommendations for home canning procedures.

- Use only quality flat bottom canners when home canning. Use a straight-edge to check canner bottom.
- Use only a completely flat bottom canner with no ridges that radiate from the bottom center when home canning. Heat is spread more evenly when the bottom surface is flat.
- Make sure the diameter of the canner does not exceed 1 inch beyond the surface element markings or burner. It is recommended to use smaller diameter canners on electric coil and ceramic glass cooktops and to center canners on the burner grates.
- Start with hot tap water to bring water to boil more quickly.
- Use the highest heat setting when first bringing the water to a boil. Once boiling is achieved, reduce heat to lowest possible setting to maintain that boil.
- Use tested recipes and follow instructions carefully. Check with your local Cooperative Agricultural Extension Service or a manufacturer of glass jars for the latest canning information.
- It is best to can small amounts and light loads.
- Do not leave water bath or pressure canners on high heat for an extended amount of time.

- Alternate surface units between each batch to allow the units and surrounding surfaces to cool down. Try to avoid canning on the same burner unit all day

## Setting Surface Controls

### Radiant Surface Element Settings

The size and type of utensil used, and the amount and type of food being cooked will influence the surface element power level setting needed for best cooking results.

The suggested settings found in Table 1 are based when cooking with medium-weight aluminum pans with lids. Settings may vary when using other types of pans.

**Table 1: Suggested settings for single, dual, and triple radiant surface elements**

Settings	Type of cooking
High (HI)	Start most foods, bring water to a boil, pan broiling
Medium high (7 - 8)	Continue a rapid boil, fry, deep fat fry
Medium (5 - 6)	Maintain a slow boil, thicken sauces and gravies or steam vegetables
Medium Low (2 - 4)	Keep foods cooking, poach, stew
Low (LO - 1)	Keep warm, melt, simmer

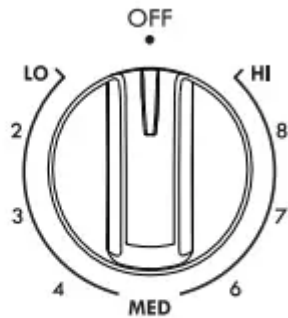
#### Important notes:

- For efficient cooking, turn off the element several minutes before cooking is complete. This will allow residual heat to complete the cooking process.
- The surface control knobs do not have to be set exactly on a particular spot. Use the graphics provided as a guide and adjust the control knob as needed. Each surface element provides a constant amount of heat at each setting. Refer to Table 1 for suggested power level settings.
- Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking.
- Radiant elements have a limiter that allows the radiant heating element to cycle on and off, even at the HI setting. This helps prevent damage to the ceramic smoothtop. Cycling at the HI setting is normal and will occur more often if the cookware is too small for the radiant element or if the cookware bottom is not flat.
- A glowing red surface heating area extending beyond the bottom edge of the cookware indicates the cookware is too small for the surface heating area.

## Single Radiant Surface Elements (all models)

### To operate the single radiant element (all models):

1. Place correctly sized cookware on single radiant surface element.
2. Push in and turn the surface control knob in either direction to the desired setting (See Figure 11).
3. When cooking is complete, turn the radiant surface element OFF before removing the cookware.



**Figure 11: Single radiant element**

## Dual Radiant Surface Element (some models)

### To operate the dual radiant element:

1. Place correctly sized cookware on single radiant surface element.
2. Push in and turn the surface control knob clockwise to begin heating both the inner and outer portions of the element (marked dual - See Figure 12). If only the inner heating portion is needed (marked single - See Figure 12) for smaller cookware, push in and turn the knob counter-clockwise to start.

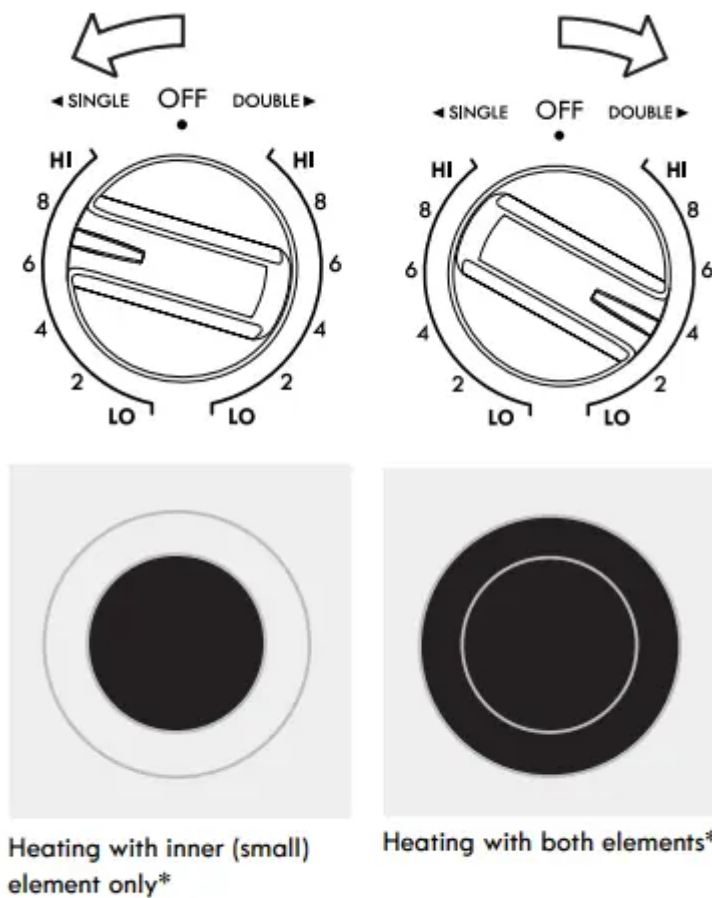
Important note: Please note that you may switch from the single or dual settings at any time during cooking.

3. When cooking is complete, turn the radiant surface element off before removing the cookware.

### Important notes:

- For efficient cooking, turn off the element several minutes before cooking is complete. This will allow residual heat to complete the cooking process.
- The surface control knobs do not have to be set exactly on a particular spot. Use the graphics provided as a guide and adjust the control knob as needed. Each surface element provides a constant amount of heat at each setting. Refer to Table 1 for suggested power level settings.

- Start most cooking operations on a higher setting and then turn to a lower setting to finish cooking.
- Radiant elements have a limiter that allows the radiant heating element to cycle on and off, even at the HI setting. This helps prevent damage to the ceramic smoothtop. Cycling at the HI setting is normal and will occur more often if the cookware is too small for the radiant element or if the cookware bottom is not flat.
- A glowing red surface heating area extending beyond the bottom edge of the cookware indicates the cookware is too small for the surface heating area.



\* Areas that heat are shown darkened.

**Figure 12: Dual radiant surface element operation**

### Warm & Ready Zone (some models)

The purpose of the warmer zone is to keep hot cooked foods at serving temperature. Use the warmer zone feature (See Figure 13) to keep cooked foods hot such as; vegetables, gravies, casseroles, soups, stews, breads, pastries and oven-safe dinner plates.

Always start with hot food. Do not heat cold food with the warmer zone. All food placed on the warmer zone should be covered with a lid to maintain quality.

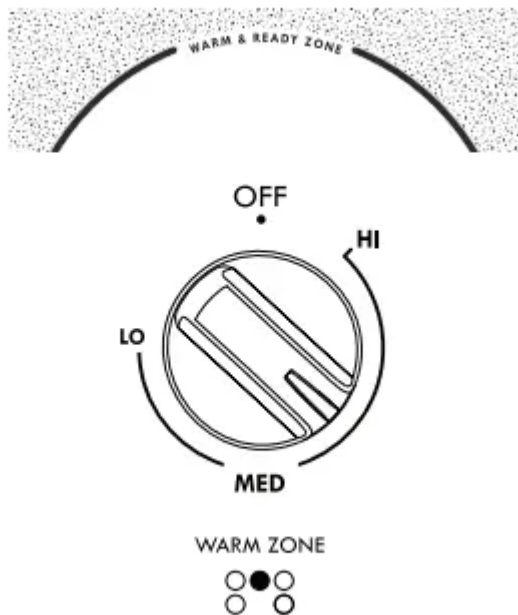
For best results, when warming pastries or breads, the cover should have an opening to allow moisture to escape. Use only dishware, utensils and cookware recommended for oven and cooktop use on the warmer zone.

**Setting warmer zone control:**

1. Push in either direction and turn the warmer zone control knob to the desired temperature level (See Figure 13). The temperatures are approximate, and are designated by HI (high), MED (medium) and LO (low). However, the control can be set at any position between HI and LO for different levels of warming.
2. When ready to serve, turn the warmer zone control knob to OFF position. The warmer zone will remain hot until the hot surface indicator light turns off

**Important notes:**

- The warmer zone temperature level may be adjusted at any time when the warmer zone is turned on.
- Use only plates, utensils and cookware recommended for oven and ceramic cooktop use. Do not use plastic wrap or aluminum foil to cover food. Plastic or aluminum foil can melt onto the cooktop.



**Figure 13: Warm zone element**

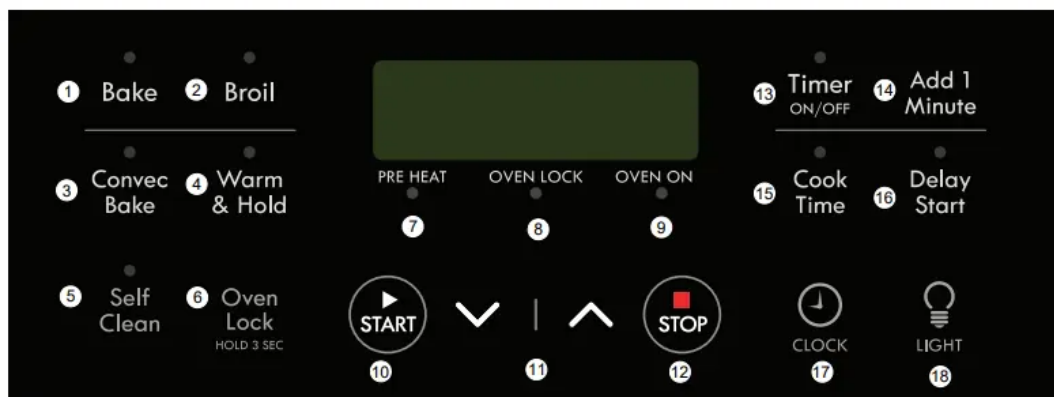
Temperature selection - Refer to the warmer zone recommended food settings (See Table 2). If a particular food is not listed, start with the medium level, and adjust as needed. Most foods can be kept at serving temperatures using the medium setting



**Table 2: Warmer zone recommended food settings**

Food Item	Heating Level
Breads/Pastries	LO (Low)
Casseroles	LO (Low)
Dinner Plates with Food	LO (Low)
Eggs	LO (Low)
Gravies	LO (Low)
Meats	MED (Medium)
Sauces	MED (Medium)
Soups (cream)	MED (Medium)
Stews	MED (Medium)
Vegetables	MED (Medium)
Fried Foods	HI (High)
Hot Beverages	HI (High)
Soups (liquid)	HI (High)

## Oven Controls



1. Bake - Selects Bake function.
2. Broil - Selects Broil function.
3. Convec Bake - Use to set convection feature.
4. Warm & Hold - Use to keep cooked food warm and at serving temperature for up to 3 hours.
5. Self Clean - Use to select 2, 3, or 4hr Self-Clean cycle.
6. Oven Lock - Use to lock oven door and oven functions.
7. PREHEAT indicator light - Is on when oven is preheating. Stays on until the oven reaches the desired temperature.

8. OVEN LOCK indicator light - Is on when door locks or unlocks and when oven lockout is active.
9. OVEN ON indicator light - Glows each time the oven cycles on to maintain the set oven temperature.
10. START - Use to start all cooking functions.
11. Up / Down arrows - Use with the function keys to accept settings and adjust temperature and times.
12. STOP - Cancels any active oven function except clock and timer.
13. Timer ON/Off - Use to set and cancel the timer and to set the Continuous Bake feature.
14. Add 1 Minute - Use to add one minute to the timer. This works with the kitchen timer and does not affect any cook time or start time functions.
15. Cook Time - Use to set a specific amount of time needed for cooking. Automatically cancels cooking process at end of set time.
16. Delay Start - Use with Bake and Self Clean functions to program a delayed start bake or delayed start self clean cycle.
17. CLOCK - Use with arrow keys to set time of day.
18. LIGHT - Use to turn internal oven light on and off

### **Minimum and Maximum Control Settings**

All of the features listed have minimum and maximum time and temperature settings that may be entered into the control. An entry acceptance beep will sound each time a key is touched (the Oven Lockout tone is delayed by 3 seconds). An entry error tone (three short beeps) will sound if the entry of the temperature or time is below the minimum or above the maximum settings for the feature.



**Table 3: Minimum and maximum control settings**

<b>Feature</b>	<b>Min. Temp or Time</b>	<b>Max. Temp or Time</b>
Bake	170°F (77°C)	550°F (288°C)
Broil	LO = 400°F (205°C)	Hi = 550°F (288°C)
Timer	1 minute	11 hrs. 59 mins.
Self Clean	2 Hours	4 Hours
Warm & Hold	170°F (77°C)	3 Hours
Cook Time	1 Minute	11:59
Delay Time 12 Hr.	1:00	12:59
Delay Time 24 Hr.	0:00	23:59
Clock 12 Hr.	1:00	12:59
Clock 24 Hr.	0:00	23:59

## Setting Clock

When the appliance is first powered up or when the power supply to the appliance has been interrupted, 12:00 will flash in the display. The time of day must first be set before operating the oven.

### To set the clock

1. Press CLOCK once. CLO appears in display.
2. Press  or  and the time appears in the display. Continue to hold arrow key until the correct time of day appears in the display.
3. Press START to accept time of day.

### Important note:

- The time of day cannot be changed when the oven is set for cooking.

## Oven Lock

The Oven Lock feature allows you to lock the oven portion of the appliance while the oven is not in use.

### To activate Oven Lock feature:

1. Be sure the door is completely closed.
2. Press and hold Oven Lock for 3 seconds. Loc will appear in the display. The OVEN LOCK indicator light will flash while the motor driven door latch begins locking the oven door. Do not open the door during this time. Allow 15 seconds for the door to completely lock. Once oven door is locked, the time of day will appear in the display.

### To cancel the Oven Lock feature:



1. Press and hold Oven Lock for 3 seconds. The OVEN LOCK indicator light will flash and the motor driven door latch will begin to unlock. Do not open the door at this time. The door will unlock completely in about 15 seconds.
2. The oven control keys will be available, and the oven door can be opened again.

### Important notes:

- To avoid possible damage to the oven door latch mechanism, do not attempt to open or close the oven door whenever the OVEN LOCK indicator light is flashing.
- If a control key is pressed when the OVEN LOCK is active, Loc will appear in the display as a reminder that the oven keys are inactive when the OVEN LOCK feature is active.

### Silent or audible control mode



The appliance may be set for silent or audible operation. If the silent mode is selected, most of the sounds associated with setting the controls will be silent. But, sounds will be heard when the timer ends, when a baking function ends, and when the set preheat temperature is reached.

1. Press and hold Delay Start until the control beeps once (about 3 seconds). The present mode appears as OFF (silent operation) or ON (for audible operation).
2. Use  or  to toggle between audible or silent modes. To save, press START when the desired mode of operation appears in the display.

### Changing Temperature Display to Fahrenheit (°F) or Celsius (°C)

The electronic oven control is set to display °F when shipped from the factory. The display may be changed to show either °F or °C oven temperatures.

### To change temperature display mode from °F to °C or from °C to °F:

1. Press Broil. HI appears in the display.
2. Press and hold Broil until F or C appears in the display.
3. Press either  or  to toggle between F or C mode choices.
4. Press START to accept change. The display will return to the time of day.

### Important note:

- The temperature display mode cannot be changed when the oven is set for cooking.

### Add 1 Minute

Use the Add 1 Minute feature to set additional minutes to the timer. Each press of the key will add 1 additional minute. If Add 1 Minute is pressed when the timer is not active, the timer will activate and begin counting down from 1 minute.

### To add 2 minutes to the timer:

Press Add 1 Minute twice

### Changing between continuous bake setting or 12-hour energy saving feature

The oven control has a factory-preset 12-hour energy saving feature that will turn the oven off automatically if the oven is left on for more than 12 hours. The control may be programmed to override this feature to continuously bake.

### To change to continuous bake mode:



Press and hold Timer ON/OFF until the control beeps once (about 6 seconds). Cont will appear in display. The control is set for continuous bake. Press Self Clean to toggle between continuous bake and 12hr energy saving. 12 Hr will appear in display for energy saving mode.



To save the selected mode, press START. The display will return to idle.

### Setting Timer

The timer may be set from 1 minute to 11 hours and 59 minutes.

### To set the timer:

1. Press Timer ON/OFF.
2. Press and hold  to increase the time. Release  when the desired time appears in the display.
3. Press START, and the timer will begin to count down.
4. When the set time has run out, the timer will sound with three beeps and will continue to beep three times every 60 seconds until Timer ON/OFF is pressed.

To change time remaining in timer, press and hold  or  or decrease any time remaining.

To cancel the timer before at any time, press Timer ON/Off once.

### Important notes:





- The timer does not start or stop the cooking process. It serves as an extra timer in the kitchen that will beep when the set time has run out. The timer may be used alone or when any other oven function is active.
- The indicator light located above Timer ON/OFF will glow when the timer is active.
- The timer will display hours and minutes until 1 hour remains. When less than 1 hour remains, the display will count down in minutes and seconds. Once the timer has less than 1 minute remaining, only seconds will display.


- If the timer is active when oven cooking, the minute timer will show in the display by default. To view information of any other active oven function, press the key once for the active function to view status.

## Setting Bake



Use the bake function whenever the recipe calls for baking using normal temperatures. A reminder tone will sound when the set bake temperature is reached. Bake may be programmed for any temperature from 170°F to 550°F (77°C to 288°C). The factory preset bake temperature is 350°F (177°C).

### To set Bake

1. Arrange oven racks and close oven door.
2. Press Bake. 350° appears in display.
3. Within 15 seconds, press  or . The display will show the default oven temperature of 350°F (177°C). By pressing  or , the oven temperature may be adjusted in 5°F increments (1°C).
4. Press START when the desired temperature appears. The oven will begin heating to the selected temperature. When the oven temperature reaches the set temperature, the PRE-HEAT indicator light will turn off, and the oven control will beep three times.

To cancel bake at anytime, Press .

### To change the oven temperature after Bake has started:

1. Press Bake. The current set oven temperature will display.
2. Press  or  to increase or decrease the current set temperature to the new oven temperature.

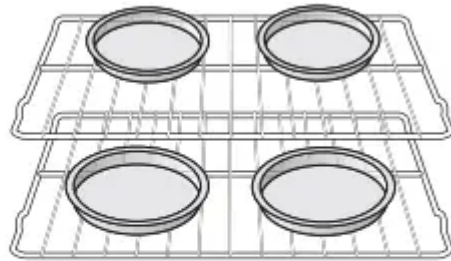
### Important notes:

- The oven will bake no longer than 12 hours. If you wish to bake for a longer period, see “Changing between continuous bake setting or 12-hour energy saving feature” mode for detailed information

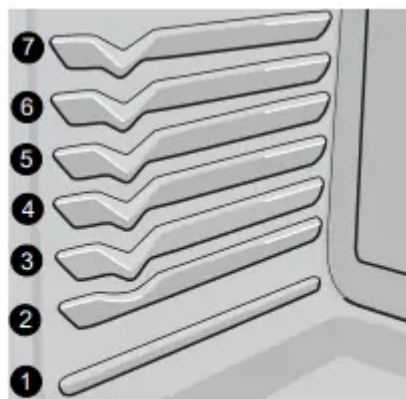
### Baking tips

- Fully preheat the oven before cooking items like cookies, biscuits, and breads.
- When using any single rack, position the rack so that the food is in the center of the oven.
- For best results when baking cakes or cookies using two oven racks, place racks in positions 3 and 6 (See Figure 15).

- Dark or dull bakeware absorbs more heat than shiny bakeware. It may be necessary to reduce oven temperature and cook time to prevent overbrowning of some foods. Dark bakeware is recommended for pies. Shiny bakeware is recommended for cakes, cookies, and muffins.
- For best results when baking cakes or cookies using two oven racks, place pans as shown in Figure 14.



**Figure 14: Baking on multiple levels**









**Figure 15: Oven rack positions**

## Setting Cook Time

Use Cook Time to set the amount of time needed for baking. The oven will turn on immediately and stop automatically after the set cook time ends.



### To program the oven to begin baking immediately and to shut off automatically:

1. Be sure that the clock displays the correct time of day. Arrange oven racks and close oven door.
2. Press Bake. 350° appears in display.

3. Within 15 seconds, press  or . The display will show the default oven temperature of 350°F (177°C). By pressing  or ; the temperature may be adjusted in 5°F increments (1°C). Press START to accept.
4. Press Cook Time. 00 will appear in display.
5. Press  or  to reach the desired cook time.
6. Press START to accept. When the oven temperature reaches the set temperature, the PRE HEAT indicator light turns off and the oven control will beep once.
7. To cancel at anytime, press .

When the cook time runs out, End will appear in the display. The oven control will beep three times every minute as a reminder until STOP is pressed.

#### **To change the oven temperature or cook time after baking has started:**

1. Press Bake (for oven temperature) or Cook Time.
2. To adjust temperature or cook time, press  or  and release when the desired temperature or cook time setting appears in the display.





#### **Important notes:**





- Cook Time and Delay Start may be set with Bake but are not available for use with Broil.
- While baking with Cook Time, press Cook Time to display any cook time remaining.
- Cook Time and Delay Start can be set with Bake or Convection (on some models).
- The maximum Cook Time or Delay Start setting is 11 hours and 59 minutes.


### **Setting Delay Start**

Delay Start allows you to set a delayed starting time to the oven baking or cleaning functions.



#### **To program oven for a delayed starting time and to shut off automatically:**

1. Be sure that the clock displays the correct time of day.
2. Arrange oven racks and close oven door.
3. Press Bake. 350° appears in display.
4. Within 15 seconds, press  or . The display will show the default oven temperature of 350°F (177°C). By pressing  or , the oven temperature may be adjusted in 5°F increments (1°C). When desired temperature is reached press START to accept.
5. Press Cook Time. 00 will appear in display.

6. Press the  or  to set the desired cook time. Then press START to accept.
7. Press Delay Start. The time of day will appear in the display. Press  or  until the desired starting time appears in the display and press START.
8. The oven will turn on at the set delayed starting time and begin heating. When the oven temperature reaches the set temperature, the PRE HEAT indicator light will turn off and the oven control will beep three times.

To cancel at anytime, press .

#### **To change the oven temperature or cook time after baking has started:**

1. Press Bake (for oven temperature) or Cook Time.
2. Press  or  and release when the desired temperature or cook time setting appears in the display.

When the cook time runs out, End will appear in the display.

The oven control will beep three times every minute until  is pressed.

### **Convec Bake**

Benefits of convection cooking include:

- Foods cook up to 25 to 30% faster, saving time and energy.
- Multiple rack baking.
- No special pans or bakeware needed.

Convection functions use a fan to circulate the oven's heat uniformly and continuously around the oven. This improved heat distribution allows for fast, even cooking and browning results. It also gives better baking results when using two oven racks at the same time.



Heated air flows around the food from all sides, sealing in juices and flavors. Breads and pastry brown more evenly.


Most foods baked in a standard pan will cook faster and more evenly with the convection feature.

Convec Bake may be set for any oven temperature between 170°F (77°C) and 550°F (288°C).

#### **To set Convec. Bake with a default oven set temperature of 350°F:**

1. Arrange oven racks and close oven door.
2. Press Convec Bake. 350 will appear in the display.

3. By pressing  or , the oven temperature may be adjusted in 5°F increments (1°C). When setting for convection, be sure to set the oven temperature between 300°F (149°C) and 550°F (288°C).

To cancel Convec Bake at any time, press .

### Important notes:

- The convection fan will begin rotating once Convec Bake has been activated.
- If the oven door is opened when Convec Bake is active, the convection fan will stop rotating until the oven door is closed.
- When using Convec Bake, cook time reductions may vary depending on the amount and type of food being cooked.

### Suggestions for Convec Bake:

- For optimum cooking results, it is recommended to preheat the oven when baking foods such as cookies, biscuits, and breads.
- Reduce oven temperature 25°F from recipe's recommended oven temperature. Follow the remainder of the recipe's instructions using the minimum recommended cook time.
- For best results when using a single oven rack, place rack in position 4 or 5 (See Figure 16). When using two oven racks, place in positions 2 and 5. When using three oven racks, place in positions 2, 4, and 7 (use offset rack only in position 7).
- Dark or dull pans absorb more heat than shiny bakeware resulting in dark or overbrowning of foods. It may be necessary to reduce the oven temperature or cook time to prevent overbrowning of some foods. Dark pans are recommended for pies. Shiny pans are recommended for cakes, cookies, and muffins.
- When using any single rack, position the rack so that the food is in the center of the oven.
- For best results when baking cakes or cookies using two oven racks, place pans as shown in Figure 17

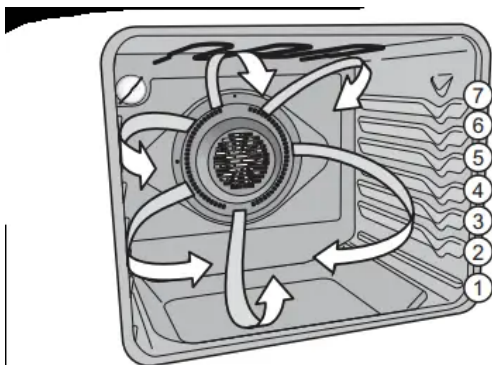


Figure 16: Air movement using convection

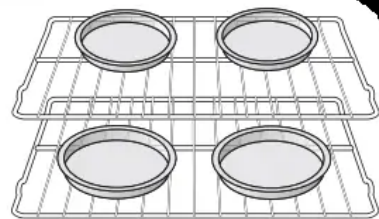


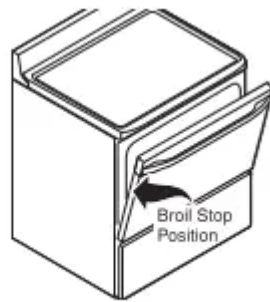
Figure 17: Baking on multiple levels

## Setting Broil

Use the broil function to cook meats that require direct exposure to flame heat for optimum browning results. The Broil function is factory preset to broil, shown as Hi. The suggested broil settings are recommendations only. Increase or decrease broiling times or move to a different rack position to suit for doneness.

### To set Broil:

1. Arrange the oven racks when cool. For optimum browning results, preheat oven for 2 minutes before adding food.
2. Position cookware in oven. Leave door open at broil stop position.
3. Press Broil. HI will appear in display.
4. Press or until the desired broil setting level appears in the display. Press for HI broil or for LO broil setting.
5. Press START. Broil on one side until food is browned. Turn and broil food on other side. When finished broiling, press STOP.



**Figure 18: Door open for broiling**

**Table 4: Suggested Broil Settings<sup>1</sup>**

Food	Rack Position	Setting	Cook time in minutes		Doneness
			1st side	2nd side	
Steak, 1 inch thick	6th or 7th*	Hi	8	6	Medium
Steak, 1 inch thick	5th or 6th*	Hi	10	8	Medium-well
Steak, 1 inch thick	5th or 6th*	Hi	11	10	Well
Pork Chops, 3/4 inch thick	5th	Hi	12	8	Well
Chicken, bone-in	5th	Lo	25	15	Well
Chicken, boneless	5th	Lo	10	8	Well
Fish	5th	Hi	as directed		Well
Shrimp	4th	Hi	as directed		Well
Hamburger, 1 inch	5th or 6th	Hi	12	10	Medium

<sup>1</sup>For steaks, cook times are suggestions and should only be used as a guide.

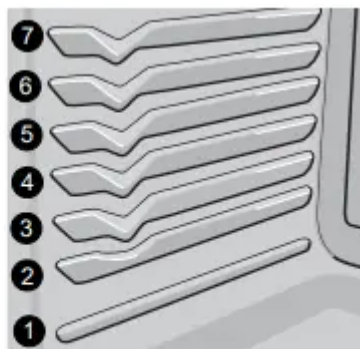
### Important notes:

- Always arrange oven racks when the oven is cool.

- For best results when broiling, use a broil pan with broil pan insert designed to drain the fat from the food and help avoid spatter and reduce smoking. To purchase them, call Sears at 1-800-4-MY-HOME (1-800-4663) and order broil pan kit 5304442087.
- When broiling, always pull the oven rack out to the stop position before turning or removing food.



**Figure 19: Broiler pan and insert**




**Figure 20: Rack positions**

## Warm & Hold™





Warm & Hold will keep cooked foods warm and ready for serving for up to 3 hours after cooking has finished. After 3 hours, Warm & Hold will shut off automatically. Warm & Hold should only be used with foods that are already at serving temperatures. Warm & Hold will maintain the oven temperature at 170°F (77°C).

### To set Warm & Hold:

1. If needed, arrange oven racks and place cooked food in oven.
2. Press Warm & Hold. Hld will appear in the display. If no other keys are touched within 25 seconds, the request for Warm & Hold will clear.
3. Press START.
4. Warm & Hold will automatically turn off after 3 hours.

To turn Warm & Hold off at any time, press .

### To set Warm & Hold to start after a Timed Bake automatically:

1. Press Bake. Press  or  to set temperature.
2. Press START.
3. Press Cook Time. Press  or  to set time.
4. Press START.
5. Press Warm & Hold.

6. Press START. Warm & Hold is set to turn on automatically after the Timed Bake or Delay Timed Bake has finished. The Warm & Hold indicator light will glow indicating that the Warm & Hold feature is set to start when the timed bake is finished.

## Operating Oven Light

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

Press LIGHT to turn the oven light on or off whenever the oven door is closed. The oven light will not operate during the self clean operation.

The oven light is located at the upper left rear wall of the oven interior and is covered with a glass shield held in place by a wire holder. The glass shield protects the bulb from high temperatures and should always be in place when the oven is in use.



To replace the interior oven light, see “Replacing oven light (some models)” on page 29.

## Adjusting oven temperature

The appliance has been factory calibrated and tested to ensure an accurate baking temperature, known as the User Preference Offset (UPO). For the first few uses, follow your recipe times and temperature recommendations carefully. If you think the oven is cooking too hot or too cool for your recipe times, you may adjust the control so the oven cooks hotter or cooler than the oven temperature displayed.



The oven temperature may be increased as much as +35°F (+19°C) or decreased -35°F (-19°C) from the factory calibrated settings.

### To adjust oven temperature:

1. Press Bake and hold for 3 seconds. The UPO value will appear in the display with a degree sign.
2. The display now indicates the amount of degrees offset from the original factory temperature setting. If the control still has the original factory calibration, the display will read 0.
3. The temperature may be adjusted up or down 35°F (19°C), in 1°F increments by pressing and holding  or . Adjust until the desired amount of temperature offset appears in the display and press START to save.
4. If the STOP key is pressed during the programming mode, the UPO value will remain unchanged.

### Important notes:

- Oven temperature adjustments made will not change the Broil or Self-Clean operating temperatures.

- Do not use oven thermometers such as those found in grocery stores to check the temperature settings inside your oven. These oven thermometers may vary as much as 20°F to 40°F degrees from actual temperatures.
- The oven temperature adjustment may be made if your oven control has been set to display °C temperatures. Minimum and maximum settings for °C is plus (+) or minus (-) 19°C.
- If the display mode is set for °C, adjustments made will be in 1°C increments on each press of  or .

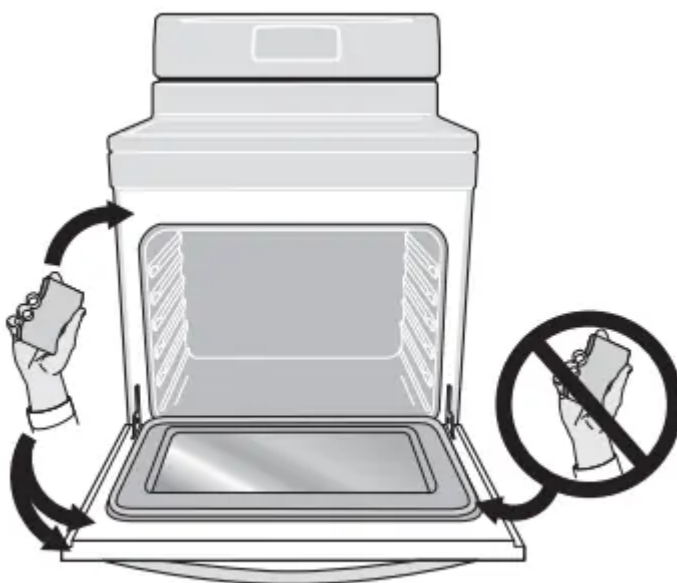
## Self Clean

A self cleaning oven cleans itself with high temperatures (well above normal cooking temperatures), which eliminate soils completely or reduces them to a fine powdered ash you can wipe away afterwards with a damp cloth. The Self Clean function allows you to select three different cleaning times from 2, 3, or 4 hours. A 3-hour cleaning time is best used for normal cleaning; 2-hour time for light soils, and a 4-hour clean time for heavier stubborn soils.

Read before starting Self Clean. Be sure to read all following caution and important statements before starting a self clean cycle.

Important notes:

- Completely remove all oven racks and any accessories from oven cavity to avoid damage to oven racks. If the oven racks are not removed they may discolor. Remove all items from the oven and cooktop including cookware, utensils and any aluminum foil. Aluminum foil will not withstand high temperatures from a self clean cycle and will melt.
- Do not use oven cleaners or oven protective coatings in or around any part of the oven interior. Clean any soil from the oven frame, the door liner outside the oven door gasket, and the small area at the front center of the oven bottom (See Figure 21). These areas heat sufficiently to burn soil on. Clean using soap and water prior to starting Self Clean.
- Remove any excessive spills. Any spills on the oven bottom should be wiped up and removed before starting a Self Clean cycle. To clean use hot, soapy water and a cloth. Large spills can cause heavy smoke or fire when subjected to high temperatures. Do not allow food spills with high sugar or acid content (such as milk, tomatoes, sauerkraut, fruit juices, or pie fillings) to remain on the surface as they may leave a dull spot even after cleaning.



**Figure 21: Areas to clean and to avoid**

- Do not clean the oven door gasket. The woven material in the gasket is essential for a good seal. Care should be taken not to rub, damage, or remove the oven door gasket. Doing so could cause damage to the door gasket and compromise the performance of the oven. Important notes:
- The kitchen area should be well ventilated using an open window, ventilation fan, or exhaust hood during the first Self Clean cycle. This will help eliminate the normal odors. Do not attempt to open the oven door when the OVEN LOCK indicator light is flashing. Allow about 15 seconds for the motorized door latch mechanism to completely lock or unlock the oven door.
- When the clean time finishes, the oven door will remain locked until the range has cooled sufficiently. In addition to the clean time that was programmed, you must allow about 1 additional hour for the oven to cool before you will be able to open the oven door.

## Setting Self Clean

### To set Select Clean to start immediately:

1. Be sure the oven is empty and all oven racks are removed. Remove all items from the cooktop. Be sure the oven door is completely closed.
2. Press Self Clean. 3:00 appears in the display.
3. To change to a 2 hour clean time, press . 2:00 appears in the display. To select a 4 hour clean time, press . 4:00 appears in the display.
4. After selecting the clean time, press START to activate Self Clean. The OVEN LOCK indicator light will light, and CLn will appear in the display

When Self Clean begins the cleaning cycle, the motorized door latch mechanism will automatically start to lock the oven door, and the OVEN LOCK indicator light will flash. Do not open the oven door when the OVEN LOCK indicator light is flashing. Allow about 15 seconds for the oven door to completely lock. Once the oven door has locked, the OVEN LOCK indicator light will glow steady. When CLn will appears in the display, Self Clean is active.

#### **When Self Clean is finished:**

1. The time of day will appear in the display window, and the and the OVEN LOCK indicator light will continue to glow.
2. Once the oven has cooled down (about 1 hour) and the OVEN LOCK indicator light has turned off, the oven door may be opened.
3. When the oven interior has completely cooled, wipe away any residue or powdered ash with a damp cloth or paper towel.

#### **To stop or interrupt a self clean cycle (once it has been activated):**

1. Press OFF.
2. Once the oven has cooled down for about 1 hour and the door locked light has turned off, the oven door can be opened.
3. Restart the self clean cycle once all conditions have been corrected.

#### **Delayed Start Self Clean**

##### **To start Delay Start Self Clean:**

1. Be sure the oven is empty and all oven racks are removed. Remove all items from the cooktop. Be sure oven door is completely closed.
2. Be sure the clock shows the correct time of day.
3. Press Delay Start.
4. Press and hold to scroll to the time desired to start the self clean cycle. Press START when the desired start time is displayed.
5. Press Self Clean. 3:00 appears in the display.
6. To select a 2 hour clean time, press . 2:00 appears in the display. To select a 4 hour clean time, press . 4:00 appears in the display.
7. After selecting the desired clean time, press START. Self Clean is set to activate. The OVEN LOCK indicator light will turn on, and the oven door will lock in advance of the starting time. Once the starting time is reached, CLn will appear in the display.

##### **If it becomes necessary to stop Self Clean when active:**

1. Press  .

2. If Self Clean has heated the oven to a high temperature, allow enough time for the oven to cool and for the OVEN LOCK indicator light to turn off. When this indicator light turns off, the oven door may be opened.
3. Restart Self Clean, if needed

## Steam Clean

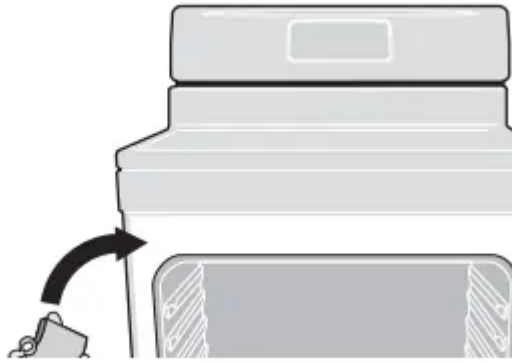
Steam cleaning works best for spot cleaning and light soils on the oven bottom. Steam clean may also be used before manually cleaning the oven or before Self Clean to help loosen soils on the oven bottom.

### To set the controls for steam clean:


1. Oven should be at room temperature. Remove all racks and oven accessories.
2. Scrape or wipe loose debris from the oven bottom.
3. Pour 8 oz (235 ml) of distilled or filtered water onto the oven bottom (See Figure 22). Close the oven door.
4. Press Bake.
5. Enter 170°F (77°C) using the arrow keys and press START.
6. Set the minute timer for 10 minutes.
7. Allow the oven to heat. Do not open the oven door while the oven is heating.
8. An alert will sound when the timer is finished. Press Timer ON/Off to stop the timer and press to return to the clock.
9. Set the minute timer for 10 minutes to allow for a cool-down period. Do not attempt to wipe out the oven before a 10 minute cool-down period.
10. An alert will sound when the timer is finished. Press Timer ON/Off to stop the timer.
11. Stand to the side of the range out of the way of escaping vapor when opening the oven door.
12. Wipe oven cavity and bottom. Do not clean oven door gasket (See Figure 23).



**Figure 22:** Pour water onto the oven bottom



**Figure 23: Do not clean the oven door gasket**

To stop the steam cleaning cycle at any time, press  .

## CARE AND CLEANING

Surface Type	Recommendation
Control knobs Painted body parts Painted decorative trim Aluminum, plastic or vinyl trim	For general cleaning, use hot, soapy water and a cloth. For more difficult soils and built-up grease, apply a liquid detergent directly onto the soil. Leave on soil for 30-60 minutes. Rinse with a damp cloth and dry. Do not use abrasive cleaners on any of these materials; they can scratch. To remove control knobs, turn to OFF position. Grasp firmly and pull straight off the shaft. To replace knobs after cleaning, line up the flat sides of both knob and shaft, then push knob into place
Control panel Control keypad membrane Decorative trim (some models)	Before cleaning the control panel, turn all controls off, activate oven lockout (on some models), and if needed remove any knobs from panel. Do not use abrasive cleaners on any of these materials; they can scratch. Clean using hot, soapy water and a cloth or sponge. Be sure to squeeze excess water from cloth or sponge before wiping control panel, especially when wiping around the controls area. Excess water in or around the controls may cause damage to the appliance. When rinsing, use clean water and a cloth or sponge and be sure to squeeze excess water from cloth or sponge before wiping the control panel.
Porcelain enamel parts and door liner	Gentle scrubbing with a soapy non-abrasive scouring pad will remove most spots. Rinse with a 1:1 solution of clear water and ammonia. If necessary, cover difficult spots with an ammonia-soaked paper towel for 30 to 40 minutes. Rinse with clean water and a damp cloth, and then scrub with a soap-filled non-abrasive scouring pad. Rinse and wipe dry with a clean cloth. Do not allow food spills with high sugar or acid content (milk, tomatoes, sauerkraut, fruit juices, or pie filling) to remain on the surface; they may cause a dull spot even after cleaning.
Oven interior	For oven interior remove excessive spillovers from oven cavity bottom before starting Self Clean. Clean any soils from oven frame and door liner outside the oven door gasket. For very important cleaning precautions be sure to read all the instructions in the "Self Clean" section of the Oven Controls chapter
Oven racks	Remove oven racks from oven cavity before starting Self Clean. Clean by using a mild, abrasive cleaner following manufacturer's instructions. Rinse with clean water, dry, and then replace in oven.
Oven door	Use soap and water to thoroughly clean the top, sides, and front of the oven door. Rinse well. You may use a glass cleaner on the outside glass of the oven door. Do not immerse the door in water. Do not spray or allow water or the glass cleaner to enter the door vents. Do not use oven cleaners, cleaning



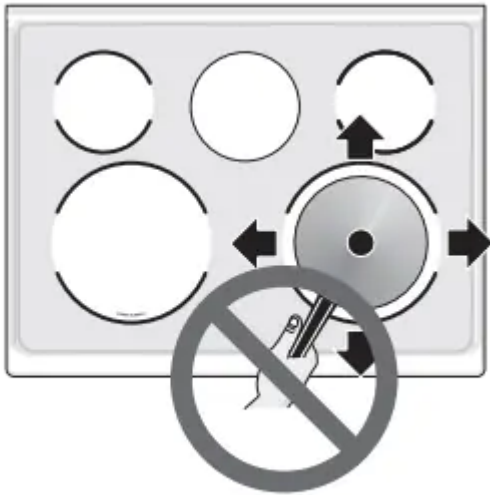
Surface Type	Recommendation
	powders, or any harsh abrasive cleaning materials on the outside of the oven door
Ceramic cooktop	Do not use spray oven cleaners on the cooktop. See "Cooktop Maintenance"
Stainless Steel (some models)	Always rub in direction of metal grain to avoid damaging. Do not use cleaners with high concentrations of chlorides or chlorine. Do not use harsh scrubbing cleaners. Polish with a lint-free cloth. Always be sure to wipe excess cleaner/polish off from the metal surface as bluish stains may occur during future oven heating that cannot be removed. Clean heavier soils with hot, soapy water and a cloth or sponge. Rinse and dry using clean water and a cloth.
Black Stainless Steel (some models)	Clean stainless steel with warm soapy water using a clean sponge or cloth. Rinse with clean water and dry with a soft, clean cloth. Do not use any store bought cleaners like stainless steel cleaners or any other types of cleaners containing abrasives, chlorides, chlorine, or ammonia. It is recommended to use mild dish soap and water or a 50/50 solution of water and vinegar

## Cooktop Maintenance

Consistent and proper cleaning is essential to maintaining your ceramic glass cooktop. Prior to using your cooktop for the first time, apply a ceramic cooktop cleaning cream (available in most hardware, grocery, and department stores) to the ceramic surface. Clean and buff with a clean paper towel. This will make cleaning easier when soiled from cooking. Cooktop cleaning creams leave a protective finish on the glass to help prevent scratches and abrasions. Sliding aluminum, cast iron, or copper bottomed pans on the cooktop can cause metal markings on the cooktop surface. These marks should be removed immediately after the cooktop has cooled using cooktop cleaning cream. Metal marks can become permanent if not removed prior to future use. Cookware (cast iron, metal, ceramic, or glass) with rough bottoms can mark or scratch the cooktop surface.

Do not:

- Slide anything metal or glass across the cooktop.
- Use cookware with dirt or dirt build up on the bottom; always use clean cookware.
- Use your cooktop as a cutting board or work surface in the kitchen.
- Cook foods directly on the cooktop surface without a pan.
- Drop heavy or hard objects on the ceramic glass cooktop; they may cause it to crack.



**Figure 24: Cooktop care**

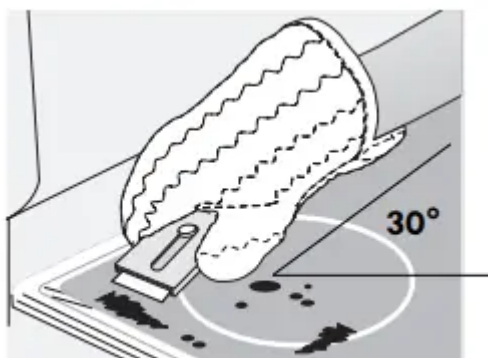
## Cooktop Cleaning

### For light to moderate soil:

Apply a few drops of CookTop® Cleaning Creme directly to the cooktop. Use a paper towel or use a non-abrasive cloth or sponge to clean the entire cooktop surface. Make sure the cooktop is cleaned thoroughly, leaving no residue

### For heavy, burned on soil:

Apply a few drops of cooktop cleaning cream directly to the soiled area. Rub the soiled area using a non-abrasive cleaning tool, applying pressure as needed. Do not use the pad you use to clean the cooktop for any other purpose. If soils remain, carefully scrape soils with a metal razor blade scraper, holding scraper at a 30 degree angle to the surface. Remove loosened soils with cooktop cleaning cream and buff the surface clean.



**Figure 25: Cooktop cleaning**

Plastic or foods with a high sugar content need be removed immediately if spilled or melted onto the ceramic cooktop surface. Permanent damage (such as pitting of the cooktop surface) may occur if not removed immediately. After turning the surface elements off, use a razor blade scraper

or a metal spatula with a mitt and scrape the soil from the hot surface (as illustrated). Allow the cooktop to cool, and use the same method for heavy or burned on soils.

Do not use the following on the cooktop:

- Do not use abrasive cleaners and scouring pads, such as metal and some nylon pads. They may scratch the cooktop, making it more difficult to clean.
- Do not use harsh cleaners, such as chlorine bleach, ammonia or oven cleaners, as they may etch or discolor the cooktop.
- Do not use dirty sponges, cloths or paper towels, as they can leave soil or lint on the cooktop which can burn and cause discoloration.

Important note:

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



**Figure 26: Cleaning products to avoid**

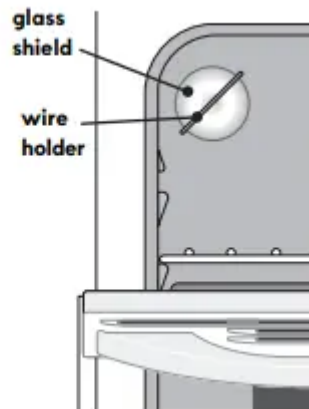
## Aluminum foil and utensils

- Aluminum foil - Use of aluminum foil on a hot cooktop can damage the cooktop. Do not use thin aluminum cooking utensils or allow aluminum foil to touch the surface elements under any circumstances.
- Aluminum utensils - The melting point of aluminum is much lower than that of other metals. Care must be taken when aluminum pots or pans are used on the cooktop. If aluminum pans are allowed to boil dry when using the cooktop, not only will the utensil be damaged or destroyed, but it may fuse to, break, or mark the ceramic glass surface, permanently damaging the cooktop surface

## Replacing oven light (some models)

To replace the interior oven light bulb:

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



**Figure 27: Replacing the oven light**

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

## Removing and Replacing the Oven Door

### To remove oven door:

1. Open oven door completely (horizontal with floor - Figure 28).
2. Pull the door hinge locks on both left and right door hinges down from the oven frame completely towards the oven door (Figure 29). A tool such as a small flat-blade screw driver may be required.
3. Firmly grasp both sides of oven door along the door sides (Do not use the oven door handle - Figure 30).
4. Close the door to the broil stop position (the oven door will stop into this position just before fully closing).
5. With the oven door in the broil stop position, lift the oven door hinge arms over the roller pins located on each side of the oven frame (Figure 30).

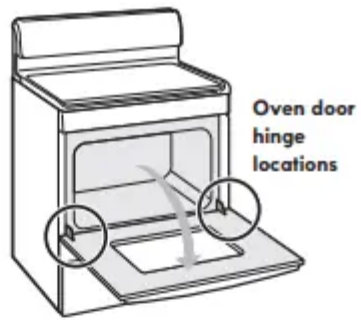
**To replace oven door:**

1. Firmly grasp both sides of oven door along the door sides (Do not use the oven door handle - Figure 30).
2. Holding the oven door at the same angle as the removal position, seat the hook of the hinge arm over the roller pins located on each side of the oven door frame (Figure 31). The hook of the hinge arms must be fully seated onto the roller pins.
3. Fully open the oven door (horizontal with floor - Figure 28).
4. Push the door hinge locks up towards and into the oven frame on both left and right oven door hinges (Figure 29) to the locked position; then, close the oven door

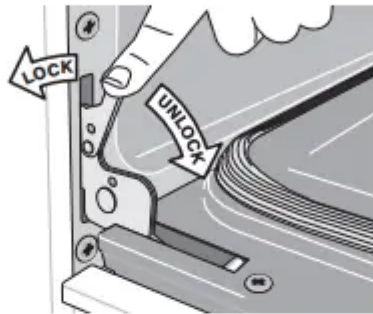
**Special care instructions**

Most oven doors contain glass that can break. Follow these recommendations:

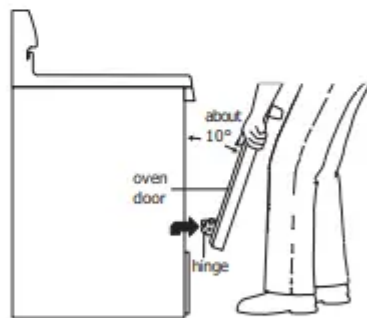
- Do not close the oven door until all the oven racks are fully in place inside the oven cavity.
- Do not hit the glass with pots, pans, or any other object.
- Scratching, hitting, jarring, or stressing the glass may weaken its structure causing an increased risk of breakage at a later time.



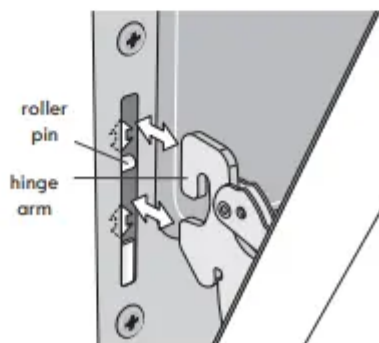
**Figure 28: Oven hinge locations**



**Figure 29: Hinge lock/unlock positions**



**Figure 30: How to remove door**



**Figure 31: Hinge pin locations**



## BEFORE YOU CALL

### Oven Baking

For best cooking results, preheat the oven before baking cookies, breads, cakes, pies, pastries, etc. There is no need to preheat the oven for roasting meat or baking casseroles. The cooking times and temperatures needed to bake a product may vary slightly from your previously owned appliance

#### **Cookies and biscuits burn on the bottom.**

- Cookies and biscuits put into oven before oven is preheated.
  - Allow oven to preheat to desired temperature before placing food in oven.
- Oven rack is overcrowded.
  - Choose pan sizes that will permit at least 2" of air space (5.1 cm) on all sides when placed in the oven.
- Dark pan absorbs heat too fast.
  - Use a medium weight shiny baking sheet.

#### **Cakes too dark on top or bottom**

- Cakes put in oven before oven is preheated.
  - Allow oven to preheat to the selected temperature before placing food in the oven.
- Rack position too high or too low.
  - Use proper rack position for baking needs.
- Oven too hot.
  - Set oven temperature 25°F (13°C) lower than recommended.

#### **Cakes not done in center**

- Oven too hot.
  - Set oven temperature 25°F (13°C) lower than recommended.
- Incorrect pan size.
  - Use pan size suggested in recipe.
- Pan not centered in oven.
  - Use proper rack position and place pan so there are at least 2" (5.1 cm) of space on all sides of pan.

- Glass cookware slow heat conductor.
  - Reduce temperature and increase cook time or use shiny bakeware.

#### **Cakes not level.**

- Oven not level.
  - Place a marked glass measuring cup filled with water on the center of the oven rack. If the water level is uneven, refer to the installation instructions for leveling the oven.
- Pan too close to oven wall or rack overcrowded.
  - Use proper rack position and place pan so there are at least 2" (5.1 cm) of space on all sides of pan.
- Pan warped.
  - Do not use pans that are dented or warped.
- Oven light left on while baking.
  - Do not leave the oven light on while baking.

#### **Foods not done when cooking time is over.**

- Oven too cool.
  - Set oven temperature 25°F (13°C) higher than suggested and bake for the recommended time.
- Oven overcrowded.
  - Be sure to remove all pans from the oven except the ones to be used for baking.
- Oven door opened too frequently.
  - Open oven door only after the shortest recommended baking time.

#### **Solutions to Common Problems:**

Before you call for service, review the following list. It may save you time and expense. Possible solutions are provided with the problem listed

Problem	Solution
Poor baking results	Many factors affect baking results. Make sure the proper oven rack position is used. Center food in the oven and space pans to allow air to circulate. Allow the oven to preheat to the set temperature before placing food in the oven. Try adjusting the recipe's recommended temperature or baking time. If you feel the oven is too hot or cool, see "Adjusting oven temperature"
Appliance is not level.	<ul style="list-style-type: none"> <li>• Be sure floor is level, strong, and stable enough to adequately support range.</li> <li>• If floor is sagging or sloping, contact a carpenter to correct the situation.</li> <li>• Poor installation. Place oven rack in center of oven. Place a level on the oven rack. Adjust leveling legs at base of appliance until the rack is level.</li> <li>• Kitchen cabinet alignment may make range appear not level. Be sure cabinets are square and have sufficient room for appliance clearance.</li> </ul>
Cannot move appliance easily. Appliance must be accessible for service.	<ul style="list-style-type: none"> <li>• Cabinets not square or are built in too tightly. Contact builder or installer to make appliance accessible.</li> <li>• Carpet interferes with appliance. Provide sufficient space so appliance can be lifted over carpet</li> </ul>
Entire appliance does not operate	<ul style="list-style-type: none"> <li>• Make sure power cord is plugged properly into outlet.</li> <li>• Electrical power outage. Check house lights to be sure. Call your local electric company for service outage information.</li> <li>• Service wiring is not complete. Call 1-800-4-MY-HOME® for assistance (See back cover).</li> </ul>
Oven portion of appliance does not operate.	<ul style="list-style-type: none"> <li>• The time of day is not set. The time of day must first be set in order to operate the oven. See "Setting Clock" Be sure the oven controls are set properly for the desired function. See the "Oven Controls" chapter starting and review instructions for the desired cooking function in this manual or see "Entire appliance does not operate" in this checklist</li> </ul>
Surface element is too hot or	Incorrect surface control setting. Adjust power level setting.



Problem	Solution
not hot enough.	
Surface element does not heat or does not heat evenly	<ul style="list-style-type: none"> <li>• Be sure the correct surface control knob is turned on for element needed.</li> <li>• Lightweight or warped pans used. Use only flat, evenly balanced, medium or heavy weight cookware. Flat pans heat better than warped pans. Cookware materials and weight of the material affect heating. Heavy and medium-weight pans heat evenly. Because lightweight pans heat unevenly, foods may burn easily</li> </ul>
Oven light does not work.	Be sure the oven light is secure in the socket. Also see “Replacing oven light (some models)”
Oven smokes excessively when broiling.	<ul style="list-style-type: none"> <li>• Incorrect setting. Follow the “Setting Broil” instructions in Oven Controls chapter</li> <li>• Be sure oven door is opened to broil stop position when broiling.</li> <li>• Meat too close to the broil element. Reposition the broil rack to provide proper clearance between the meat and the element. Preheat the broil element for searing.</li> <li>• Meat not properly prepared. Remove excess fat from meat. Cut remaining fatty edges to prevent curling, but do not cut into lean.</li> <li>• Grease has built up on oven surfaces. Regular cleaning is necessary when broiling frequently. Old grease or food spatters cause excessive smoking.</li> </ul>
Flames inside oven or smoking from oven vent.	Excessive spillovers in oven. For example, this will happen for pie spillovers or large amounts of grease left on the oven bottom. Wipe up excessive spillovers before starting oven. If flames or excessive smoke are present, follow the “Setting Broil” instructions in Oven Controls chapter
Oven control panel beeps and displays	Oven control has detected a fault or error condition. Press STOP to clear the error code. Try Bake or Broil function. If the F code error repeats, remove power from appliance, wait 5 minutes, and then repower appliance and set clock with the correct time of day. Try Bake or Broil function again. If the fault recurs, press STOP to clear and call 1-800-4-MY HOME® for assistance (See back cover)



Problem	Solution
any F code error	
Self Clean does not work.	Oven control not set properly. Review the “Self Clean” instructions in Oven Controls chapter
Soil not completely removed after Self Clean.	<ul style="list-style-type: none"> <li>• Self Clean was interrupted. Review the “Self Clean” instructions in Oven Controls chapter</li> <li>• Excessive spillovers on oven bottom. Remove before starting Self Clean.</li> <li>• Failure to clean soil from the oven frame, the door liner outside the oven door gasket and the small area at the front center of the oven bottom. These areas are not in the self cleaning area, but get hot enough to burn on residue. Clean these areas before the self cleaning cycle is started. Burned-on residue can be cleaned with a stiff nylon brush and water or a nylon scrubber. Be careful not to damage the oven gasket.</li> </ul>
Oven racks discolored.	Oven racks left in oven cavity during Self Clean. Always remove oven racks from oven cavity before starting a self-clean cycle. Clean by using a mild, abrasive cleaner following manufacturer's instructions. Rinse with clean water, dry and replace in oven.
Convection fan does not rotate.	Oven door is open. Convection fan will turn off if oven door is opened when Convection is active. Close oven door.
Scratches or abrasions on cooktop surface.	<ul style="list-style-type: none"> <li>• Coarse particles such as salt or hardened soils between cooktop and utensils can cause scratches. Be sure cooktop surface and bottoms of utensils are clean before usage. Small scratches do not affect cooking and will become less visible with time.</li> <li>• Cleaning materials not recommended for ceramic-glass cooktop have been used. Apply the recommended CookTop® Cleaning Creme to the ceramic surface (on the web visit <a href="http://www.sears.com">www.sears.com</a> for replacement cooktop cleaner, item number 40079). Buff with a nonabrasive cloth or sponge. For more information see “Cooktop Maintenance”</li> <li>• Cookware with rough bottom was used. Use smooth, flat-bottomed cookware.</li> </ul>

Problem	Solution
Metal marks on the cooktop.	Sliding or scraping of metal utensils on cooktop surface. Do not slide metal utensils on cooktop surface. Apply the recommended CookTop® Cleaning Creme to the ceramic surface (on the web visit <a href="http://www.sears.com">www.sears.com</a> for replacement cooktop cleaner, item number 40079). Buff with a non-abrasive cloth or sponge. For more information see “Cooktop maintenance” and “Cooktop cleaning” in the Care and Cleaning section of this Use & Care Guide.
Brown streaks or specks on cooktop surface.	Boilovers are cooked onto surface. Use razor blade scraper to remove soil. For more information see “Cooktop maintenance” and “Cooktop cleaning” in the Care and Cleaning section of this Use & Care Guide.
Areas of discoloration with metallic sheen on cooktop surface.	Mineral deposits from water and food. Remove using the recommended CookTop® Cleaning Creme to the ceramic surface (on the web for replacement cooktop cleaner, item number 40079). Buff with a non-abrasive cloth or sponge

### Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.