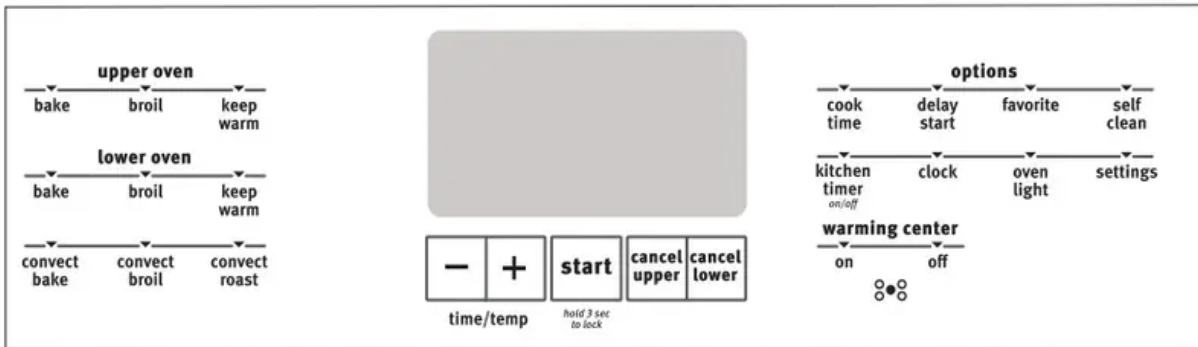


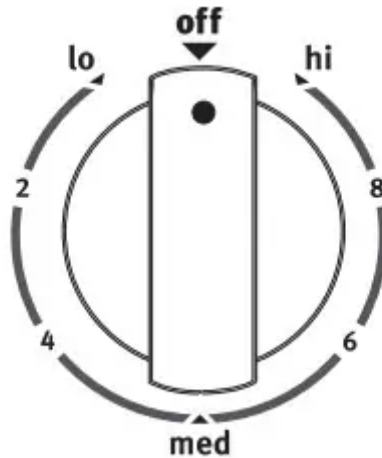
# ELECTRIC DOUBLE OVEN RANGE USER INSTRUCTIONS

## FEATURE GUIDE



Keypad	Feature	Instructions
CLOCK	Clock	This clock can use a 12- or 24-hour cycle. See the "Electronic Oven Controls" section. <ol style="list-style-type: none"> <li>1. Press CLOCK.</li> <li>2. Press the Time/Temp "+" keypad for AM or "-" keypad for PM.</li> <li>3. Press the Time/Temp "+" or "-" keypad to set the time of day. Press and hold to scroll quickly.</li> <li>4. Press CLOCK or START.</li> </ol>
OVEN LIGHT	Oven cavity light	While the oven doors are closed, press OVEN LIGHT to turn the lights on and off. The oven lights will come on when an oven door is opened.
KITCHEN TIMER ON/OFF	Oven timer	The Timer can be set in hours or minutes up to 9 hours and 59 minutes. <ol style="list-style-type: none"> <li>1. Press KITCHEN TIMER.</li> <li>2. Press the Time/Temp "+" or "-" keypad to set the length of time in hr-min-min.</li> <li>3. Press KITCHEN TIMER to begin the countdown. If enabled, timer tone(s) will sound at the end of countdown.</li> <li>4. Press KITCHEN TIMER to cancel the Timer and return to the time of day. Do not press the Cancel keypads because the oven will turn off.</li> </ol>
START	Cooking start	The Start keypad begins any oven function. If Start is not pressed within 2 minutes after pressing a keypad, the function is canceled and the time of day is displayed.
CANCEL UPPER CANCEL LOWER	Range function	The upper and lower Cancel keypads stop any oven function except the Clock, Timer, and Control Lock in the selected oven.
BAKE UPPER BAKE LOWER	Baking and roasting	<ol style="list-style-type: none"> <li>1. Press BAKE for the desired oven.</li> <li>2. Press the Time/Temp "+" or "-" keypad to set the desired temperature. Press and hold to scroll quickly. The temperature will not scroll past the minimum or maximum allowable temperature.</li> <li>3. (Lower oven, single-rack baking only) Press START. Rapid Preheat will begin. <b>IMPORTANT:</b> Rapid Preheat should be used only for one-rack baking.</li> <li>4. (Multiple-rack baking) Press START. Press START again to cancel Rapid Preheat.</li> <li>5. To change the temperature, repeat Step 2. Press START for the change to take effect.</li> <li>6. Press CANCEL for the selected oven when finished.</li> </ol>
BROIL UPPER BROIL LOWER	Broiling	<ol style="list-style-type: none"> <li>1. Press BROIL for the desired oven.</li> <li>2. Press the Time/Temp "+" or "-" keypad to set the desired temperature. Press and hold to scroll quickly. The temperature will not scroll past the minimum or maximum allowable temperature.</li> <li>3. Press START, and then allow the oven to preheat for 5 minutes.</li> <li>4. Position the cookware in the oven and leave the door open 4½" (11.4 cm) at the broil stop position.</li> <li>5. Press CANCEL for the selected oven when finished.</li> </ol>
CONVECT BAKE	Convection cooking	<ol style="list-style-type: none"> <li>1. Press CONVECT BAKE.</li> <li>2. Press the Time/Temp "+" or "-" keypad to set the desired temperature. Press and hold to scroll quickly. The temperature will not scroll past the minimum or maximum allowable temperature.</li> <li>3. (Lower oven, single-rack baking only) Press START. Rapid Preheat will begin. <b>IMPORTANT:</b> Rapid Preheat should be used only for one-rack baking.</li> <li>4. (Multiple-rack baking) Press START. Press START again to cancel Rapid Preheat.</li> <li>5. To change the temperature, repeat Step 2. Press START for the change to take effect.</li> <li>6. Press CANCEL LOWER when finished.</li> </ol>
CONVECT ROAST	Convection cooking	<ol style="list-style-type: none"> <li>1. Press CONVECT ROAST.</li> <li>2. Press the Time/Temp "+" or "-" keypad to set the desired temperature. Press and hold to scroll quickly. The temperature will not scroll past the minimum or maximum allowable temperature.</li> <li>3. Press START.</li> <li>4. To change the temperature, repeat Step 2. Press START for the change to take effect.</li> <li>5. Press CANCEL LOWER when finished.</li> </ol>
CONVECT BROIL	Convection cooking	<ol style="list-style-type: none"> <li>1. Press CONVECT BROIL.</li> <li>2. Press the Time/Temp "+" or "-" keypad to set the desired temperature. Press and hold to scroll quickly. The temperature will not scroll past the minimum or maximum allowable temperature.</li> <li>3. Press START.</li> <li>4. To change the temperature, repeat Step 2. Press START for the change to take effect.</li> <li>5. Press CANCEL LOWER when finished.</li> </ol>
FAVORITE	Favorite	The Favorite feature allows you to save time and temperature settings from any active cook function. <ol style="list-style-type: none"> <li>1. Press and hold FAVORITE.</li> <li>2. Press the Time/Temp "+" or "-" keypad to select the oven in use.</li> <li>3. The cooking function is now stored as a Favorite, and the control resumes operation of the saved cooking function.</li> </ol>
KEEP WARM UPPER KEEP WARM LOWER	Hold warm	Food must be at serving temperature before placing it in the warmed oven. <ol style="list-style-type: none"> <li>1. Press KEEP WARM for the desired oven.</li> <li>2. Press the Time/Temp "+" or "-" keypad to set the desired temperature. Press and hold to scroll quickly. The temperature will not scroll past the minimum or maximum allowable temperature.</li> <li>3. Press START.</li> <li>4. Press CANCEL for the selected oven when finished.</li> </ol>
DELAY START	Delayed start	The Delay Start keypad is used to enter the starting time for an oven function with a delayed start. Delay Start should not be used for foods such as breads and cakes because they may not bake properly. To set a Timed Cook or a Delayed Timed Cook, see the "Cook Time" section.
COOK TIME	Timed	Cook Time allows the oven to be set to turn on at a certain time of day, cook for a set length of

## COOKTOP USE



The control knobs can be set to anywhere between Hi and Lo. Push in and turn to setting.

### Ceramic Glass

The surface cooking area may glow red when an element is ON. Some parts of the surface cooking area may not glow red when an element is ON. The glow will also randomly cycle off and back on again, even while on Hi, to keep the cooktop from extreme temperatures. This is normal operation. It is normal for the surface of light-colored ceramic glass to appear to change color when surface cooking areas are hot. As the glass cools, it will return to its original color. Clean the cooktop after each use to help avoid scratches, pitting, abrasions, and to condition the glass surface. affresh® Cooktop Cleaner and the Cooktop Scraper are also recommended for stubborn soils. Do not use abrasive cleaners, cleaning pads, or harsh chemicals for cleaning. The Cooktop Care Kit contains all of the items needed to clean and condition your ceramic glass cooktop. Refer to the “Range Care” section for additional information.

**IMPORTANT:** To avoid permanent damage to the cooktop surface and to make soils easier to remove, clean the cooktop after each use to remove all soils.

- Avoid storing jars or cans above the cooktop. Dropping a heavy or hard object onto the cooktop could crack the cooktop.
- To avoid damage to the cooktop, 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 using a scraper while the surface is still warm. If sugary spills are allowed to cool down, they can adhere to the cooktop and cause pitting and permanent marks.

- To avoid scratches, 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.
- To avoid damage to the cooktop, do not allow objects that could melt, such as plastic or aluminum foil, to touch any part of the entire cooktop.
- To avoid damage to the cooktop, do not use the cooktop as a cutting board.
- 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.
- To avoid damage to the cooktop, do not cook foods directly on the cooktop.

### **Cooktop On Indicator Light**

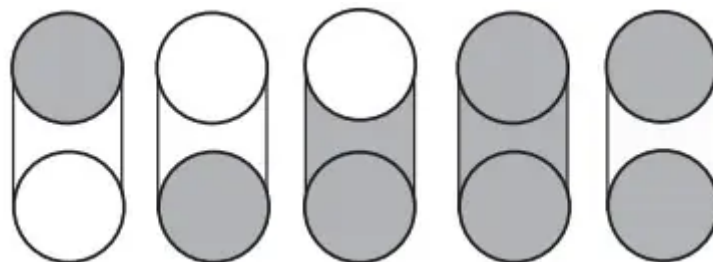
The Cooktop On indicator light is located on the console panel. When any control knob on the console panel is turned on, the Cooktop On indicator light will glow.

### **Hot Surface Indicator Light**

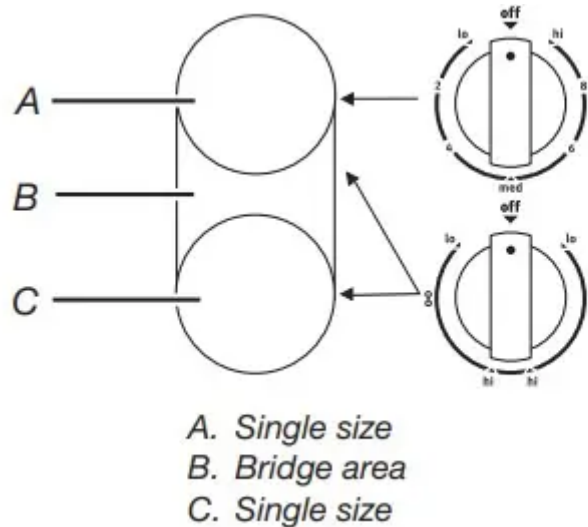
The Hot Surface indicator light is located on the console panel. The Hot Surface indicator light will glow as long as any surface cooking area is too hot to touch, even after the surface cooking area is turned off.

### **Bridge Element (on some models)**

The bridge element allows flexibility in the left side cooking area.



Use the bridge area to create an oblong heated area to cook with large cookware.



Use the bridge element to create an oblong heated area to cook with oblong pans.

**To use Single (C):**

1. Push in and turn front left knob from Off position to the Single zone anywhere between Lo and Hi.
2. Turn knob to OFF when finished.

**To use Single and Bridge area (C + B):**

1. Push in and turn front left knob from Off position to the Bridge zone anywhere between Lo and Hi.
2. knob to OFF when finished.

**To use Single (A):**

1. Push in and turn rear left knob from Off position anywhere between Lo and Hi.
2. . Turn knob to OFF when finished.

**To use both Single elements and Bridge (A + B + C):**

1. Turn on Single and Bridge (C + B).
2. Turn on Single (A).
3. Turn knobs to OFF when finished.

**Warming Center**

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

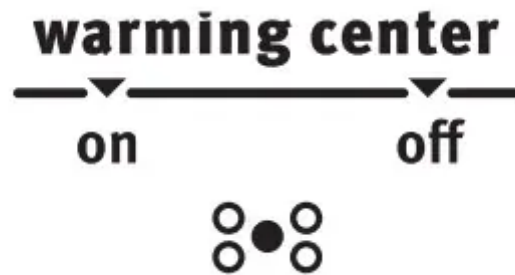
Do not use it to heat cold foods.

The Warming Center can be used alone or when any of the other surface cooking areas are being used. The Warming Center area will not glow red when cycling on.



However, the Cooktop On indicator light will be displayed when the Warming Center is in use.

- Use only cookware 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.
- To avoid damage to the cooktop, do not use plastic wrap to cover food because the plastic wrap may melt.
- Use pot holders or oven mitts to remove food.



#### To Use:

1. To turn on, press WARMING CENTER ON and then START.
2. To turn off, press WARMING CENTER OFF.

### Cookware

**IMPORTANT:** Do not leave empty cookware on a hot surface cooking area, element, or surface burner.

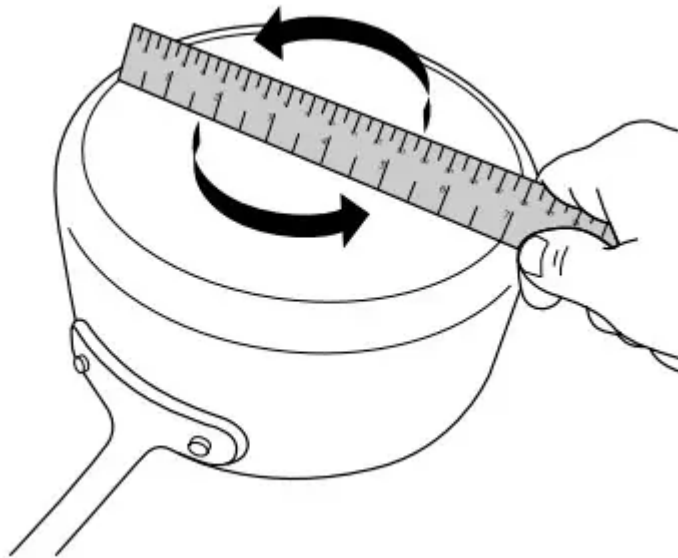
Ideal cookware should have a flat bottom, straight sides, and a well-fitting lid, and the material should be of medium-to-heavy thickness.

Rough finishes may scratch the cooktop or coils. 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 surfaces.

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.

Cookware with nonstick surfaces should not be used under the broiler.

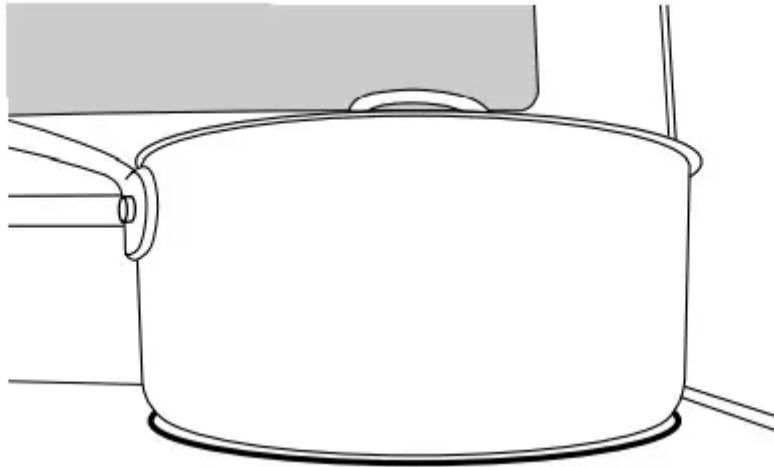
Check for flatness by placing the straight edge of a ruler across the bottom of the cookware. While you rotate the ruler, no space or light should be visible between it and the cookware.



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

<b>Cookware</b>	<b>Characteristics</b>
<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> <li>■ May leave aluminum residues which may be diminished if cleaned immediately after cooking.</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> <li>■ Rough edges or burrs may scratch the cooktop.</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> <li>■ May scratch the cooktop.</li> </ul>
<b>Copper</b>	<ul style="list-style-type: none"> <li>■ Heats very quickly and evenly.</li> <li>■ May leave copper residues which may be diminished if cleaned immediately after cooking.</li> <li>■ Can leave a permanent stain or bond to the cooktop if overheated.</li> </ul>
<b>Earthenware</b>	<ul style="list-style-type: none"> <li>■ Follow manufacturer's instructions.</li> <li>■ Use on low heat settings.</li> <li>■ May scratch the cooktop.</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> <li>■ Porcelain enamel bakeware without the metal base may bond to the cooktop if overheated.</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>

Use flat-bottomed cookware for best cooking results and energy efficiency. The cookware should be about the same size as the cooking area outlined on the cooktop. Cookware should not extend more than 1/2" (13 mm) outside the area.



## Home Canning

Canning can be performed on a glass smooth-top cooking surface or traditional coil element cooktop. When canning for long periods, alternate the use of surface cooking areas or elements between batches. This allows time for the most recently used areas to cool.

- Center the canner on the largest surface cooking area or element. On electric cooktops, canners should not extend more than 1/2" (13 mm) beyond the surface cooking area or element.
- Do not place canner on 2 surface cooking areas or elements at the same time.
- On ceramic glass models, use only flat-bottomed canners to avoid damage to the cooktop and elements.
- For more information, contact your local agricultural extension office or refer to published home canning guides. Companies that manufacture home canning products can also offer assistance.

## 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.

## Electronic Oven Controls

### Control Display

The display will flash when powered up or after a power loss. Press CANCEL to clear. When the oven is not in use, the time of day is displayed.

## **Tones**

Tones are audible signals, indicating the following:

### **One Tone**

- Valid keypad press
- Oven is preheated (long tone).
- Kitchen timer (long tone with reminder tone every minute)
- Function has been entered.

### **Three Tones**

- Invalid keypad press

### **Four Tones**

- End of cycle (with reminder tone every minute)  
Use the Settings keypad to change the tone settings.

## **Settings**

Many features of the oven control can be adjusted to meet your personal needs. These changes are made using the Settings keypad.

Use the Settings keypad to scroll through the features that can be changed. Each press of the Settings keypad will advance the display to the next setting. After selecting the feature to be changed, the control will prompt you for the required input. Details of all of the feature changes are explained in the following sections.

Press CANCEL UPPER or CANCEL LOWER to exit Settings.

### **Fahrenheit and Celsius**

The temperature is preset to Fahrenheit, but it can be changed to Celsius.

1. Press SETTINGS until "TEMP UNIT" is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp "+" keypad to adjust the setting.
4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

### **Audible Tones Disable**

Turns off all tones, including the end-of-cycle tone and keypress tones.

1. Press SETTINGS until "SOUND" is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp "+" keypad to adjust the setting.

4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

### **Sound Volume**

Sets the pitch of the tone to either high or low.

1. Press SETTINGS until "SOUND VOLUME" is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp "+" keypad to adjust the setting.
4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

### **End of Cycle Tone**

Activates or turns off the tones that sound at the end of a cycle.

1. Press SETTINGS until "END TONE" is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp "+" keypad to adjust the setting.
4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

### **Keypress Tones**

Activates or turns off the tones when a keypad is pressed.

1. Press SETTINGS until "KEYPRESS TONE" is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp "+" keypad to adjust the setting.
4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

### **Reminder Tones Disable**

Turns off the short repeating tone that sounds every 1 minute after the end-of-cycle tones.

1. Press SETTINGS until "REMINDER TONE" is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp "+" keypad to adjust the setting.
4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

### **12/24 Hour Clock**

1. Press SETTINGS until "12/24 HOUR" is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp "+" keypad to adjust the setting.
4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

### **Demo Mode**

**IMPORTANT:** This feature is intended for use on the sales floor with 120 V power connection and permits the control features to be demonstrated without the oven turning on. If this feature is activated, the oven will not heat.

1. Press SETTINGS until “DEMO MODE” is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp “+” keypad to adjust the setting.
4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day

### **12-Hour Shut-Off**

The oven control is set to automatically shut off the oven 12 hours after the oven initiates a cook or clean function. This will not interfere with any timed or delay cook functions.

1. Press SETTINGS until “12 HR AUTO CANCEL” is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp “+” keypad to adjust the setting.
4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

### **Languages - Scrolling Display Text**

Language options are English, Spanish, and French.

1. Press SETTINGS until “LANGUAGE” is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp “+” or “-” keypad to adjust the setting.
4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

### **Energy Save**

The Energy Save mode deactivates the display to reduce energy consumption. The setting will be activated after being idle for several minutes. Any mode may be used with the range in Energy Save by selecting the desired mode.

1. Press SETTINGS until “ENERGY SAVE” is displayed.
2. The current setting will be displayed.
3. Press the Time/Temp “+” keypad to adjust the setting.
4. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

### **Oven Temperature Offset Control**

**IMPORTANT:** Do not use a thermometer to measure oven temperature. Elements will cycle on and off as needed to provide consistent temperature, but they may run slightly hot or cool at any point in time due to this cycling. Most thermometers are slow to react to temperature change and will not provide an accurate reading due to this cycling. The oven provides accurate temperatures; however, it may cook faster or slower than your previous oven, so

the temperature can be adjusted to personalize it for your cooking needs. It can be changed in Fahrenheit or Celsius.

**To Adjust Oven Temperature:**

1. Press SETTINGS until “TEMP CALIB” is displayed.
2. The current setting will be displayed. Press the Time/Temp “+” keypad to toggle between the upper and lower ovens.
3. Press START to select the choice displayed in Step 2. Wait 10 seconds for the display to change or press START, and then continue with Step 4.
4. Press the Time/Temp “+” keypad to increase the temperature in 5°F (3°C) increments, or press the Time/Temp “-” keypad to decrease the temperature in 5°F (3°C) increments. The range is from -30°F to +30°F (-18°C to +18°C).
5. Press START.
6. Press CANCEL UPPER or CANCEL LOWER to exit and display the time of day.

**IMPORTANT:** Food must be at serving temperature before placing it in the warmed oven. Food may be held up to 1 hour; however, breads and casseroles may become too dry if left in the oven during the Keep Warm function. For best results, cover food. The Keep Warm feature allows hot cooked foods to stay at serving temperature.

**To Use:**

1. Press KEEP WARM for the desired oven.
2. Press the Time/Temp “+” or “-” keypad to set the desired temperature. Press and hold to scroll quickly. The temperature will not scroll past the minimum or maximum allowable temperature. NOTE: The temperature may be changed at any time by pressing the Time/Temp “+” or “-” keypad to enter the desired temperature and then START.
3. Press START.
4. Place food in the oven.
5. Press CANCEL for the selected oven when finished.
6. Remove food from the oven.

**To Cancel Keep Warm:**

1. Press CANCEL for the selected oven.
2. Remove food from oven.

## **Sabbath Mode**

The Sabbath mode sets the oven to remain on in a bake setting until turned off.



When the Sabbath mode is set, only the Bake cycle will operate. All other cooking and cleaning cycles are disabled. No tones will sound and the displays will not indicate temperature changes.

When the oven door is opened or closed, the oven light will not turn on or off and the oven heating elements will not turn on or off immediately.

**NOTE:** The Warming Center is not available when Sabbath mode is enabled.

**To Enable Sabbath Mode Capability (one time only):**

1. Press SETTINGS until "SABBATH" is displayed.
2. Press the Time/Temp "+" keypad. Sabbath mode can be activated for baking.
3. Press CANCEL UPPER or CANCEL LOWER to save the setting and exit to display the time of day.

**NOTE:** To disable the Sabbath mode, repeat steps 1 through 3 to change the status from "SABBATH ON" to "SABBATH OFF."

**To Activate Sabbath Mode:**

1. Press BAKE for the desired oven.
2. Press the Time/Temp "+" or "-" keypad to set the desired temperature. Press and hold to scroll quickly. The temperature will not scroll past the minimum or maximum allowable temperature.
3. Press START. For timed cooking in Sabbath mode, press COOK TIME, and then press the Temp/Time "+" or "-" keypad to set the desired cook time. Press START.
4. (Optional) If Sabbath mode is to be used for both ovens, repeat steps 1 through 3 for the second oven.
5. Press SETTINGS. Three tones will sound. Then press and hold KITCHEN TIMER for several seconds until "SAb" appears in the display.

**To Adjust Temperature (when Sabbath mode is running in only one oven):**

1. Press the Temp/Time "+" or "-" keypad as instructed by the scrolling text to select the new temperature.

**NOTE:** The temperature adjustment will not appear on the display and no tones will sound. The scrolling text will be shown on the display as it was before the keypad was pressed.

2. Press START.

**To Adjust Temperature (when Sabbath mode is running in both ovens):**

1. Press BAKE for the desired oven.
2. Press the Temp/Time "+" or "-" keypad as instructed by the scrolling text to select the new temperature.



**NOTE:** The temperature adjustment will not appear on the display and no tones will sound. The scrolling text will be shown on the display as it was before the keypad was pressed.

3. Press START.

### To Deactivate Sabbath Mode:

Press SETTINGS, then press and hold KITCHEN TIMER to return to regular baking or press CANCEL UPPER or CANCEL LOWER to turn off the oven(s).

## Aluminum Foil

**IMPORTANT:** To avoid permanent damage to the oven bottom finish, do not line the oven bottom with any type of foil or liner.

For best cooking results, do not cover entire oven rack with foil because air must be able to move freely.

### Positioning Racks and Bakeware

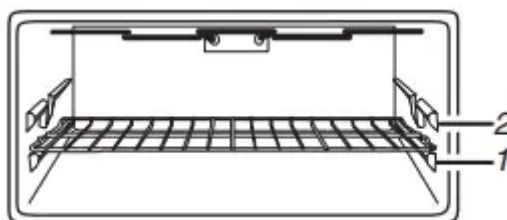
**IMPORTANT:** To avoid permanent damage to the porcelain finish, do not place food or bakeware directly on the oven door or bottom.

### Racks

- Position racks before turning on the oven.
- Do not position racks with bakeware on them.
- Make sure racks are level.
- Place food so it will not rise into the broil element. Allow at least 1/2" (1.3 cm) between pans and the broil element.

To move a rack, pull it out to the stop position, raise the front edge, and then lift it out. Use the following illustrations and charts as a guide for positioning racks.

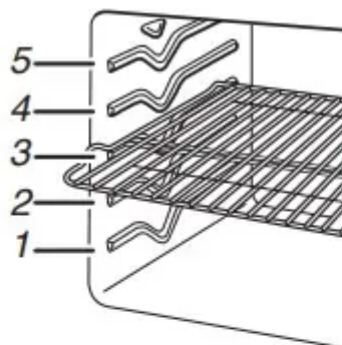
### Rack Positions - Upper Oven



### Baking and Broiling

<b>Food</b>	<b>Rack Position</b>
All foods	1

#### Rack Positions - Lower Oven



<b>Food</b>	<b>Rack Position</b>
Large roasts or poultry	1
Roasted meats	2
Most baked goods, casseroles	3
Broiled meats, poultry, fish	4
Broiling/searing meats, hamburgers, steaks	5

For hamburger patties to have a well-seared exterior and a rare interior, in the lower oven, use a flat rack in rack position 5. Side 1 should cook for approximately 21 1/2 to 31 1/2 minutes. Side 2 should cook for approximately 4 to 5 minutes. Expect a moderate degree of smoke when broiling.

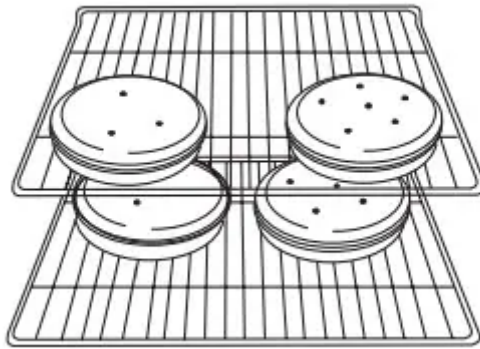
#### Multiple Rack Cooking

2-rack: Use rack positions 2 and 4 for regular baking.

2-rack (convection only): Use rack positions 2 and 4 for convection baking.

#### Baking Layer Cakes on 2 Racks

For best results when baking cakes on 2 racks, use rack positions 2 and 4 with the Convection Bake function. Place the cakes on the racks as shown.



### Baking Cookies on 2 Racks

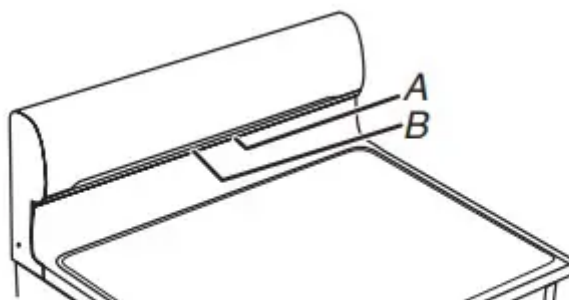
For best results when baking cookies on 2 racks, use rack positions 2 and 4 with the Bake function.

### Bakeware

To cook food evenly, hot air must be able to circulate. Allow 2" (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
3 or 4	Refer to the previous illustration.

### Oven Vents



A. Upper oven vent  
B. Lower oven vent

The oven vents release hot air and moisture from the ovens and should not be blocked or covered. Blocking or covering the vents will cause poor air circulation, affecting cooking and cleaning results. Do not set plastics, paper, or other items that could melt or burn near the oven vents.

## Baking and Roasting

### Preheating

When beginning a Bake cycle, the oven will begin preheating after Start is pressed. The oven will take approximately 12 to 15 minutes to reach 350°F (177°C) with all of the oven racks provided with your oven inside the oven cavity. Higher temperatures will take longer to preheat. The preheat cycle rapidly increases the oven temperature. The actual oven temperature will go above your set temperature to offset the heat lost when your oven door is opened to insert food. This ensures that when you place your food in the oven, the oven will begin at the proper temperature. Insert your food when the preheat tone sounds. Do not open the door during preheat before the tone sounds.

### Rapid Preheat

Rapid Preheat can be used to shorten the preheating time. Only one standard flat oven rack should be in the oven during Rapid Preheat. Extra racks should be removed prior to starting Rapid Preheat. The preheating cycle should be completed before placing food in the oven. When the Rapid Preheat cycle is complete, the oven starts a normal Bake cycle.

**IMPORTANT:** Rapid Preheat should be used only for single-rack baking.

### Oven Temperature

While in use, the oven elements will cycle on and off as needed to maintain a consistent temperature, but they may run slightly hot or cool at any point in time due to this cycling. Opening the oven door while in use will release the hot air and cool the oven which could impact the cooking time and performance. It is recommended to use the oven light to monitor cooking progress.

**NOTE:** On models with convection, the convection fan may run in the non-convection Bake mode to improve oven performance.

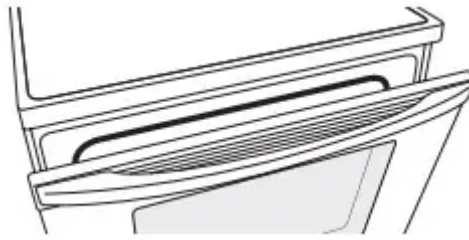
### Temperature Management System

The Temperature Management System electronically regulates the oven heat levels during preheat and bake to maintain a precise temperature range for optimal cooking results. The bake and broil elements or burners cycle on and off in intervals. On convection range models, the fan will run while preheating and may be cycled on and off for short intervals during bake to provide the best results. This feature is automatically activated when the oven is in use. 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 preheat cycle to end before putting food in unless it is recommended in the recipe.

### Broiling

When broiling, preheat the oven for 5 minutes before putting food in unless recommended otherwise in the recipe. Leave the desired oven door open 4 1/2" (114 mm) at the broil stop

position to ensure proper broiling temperature. Position food on grid in a broiler pan, and then place it in the center of the oven rack.



**NOTE:** Odors and smoke are normal the first few times the oven is used or if the oven is heavily soiled. Changing the temperature when broiling allows more precise control when cooking. The lower the broil setting is, the slower the cooking. Thicker cuts and unevenly shaped pieces of meat, fish, and poultry may cook better at lower broil settings. Refer to the “Positioning Racks and Bakeware” section for more information. On lower settings, the broil element will cycle on and off to maintain the proper temperature.

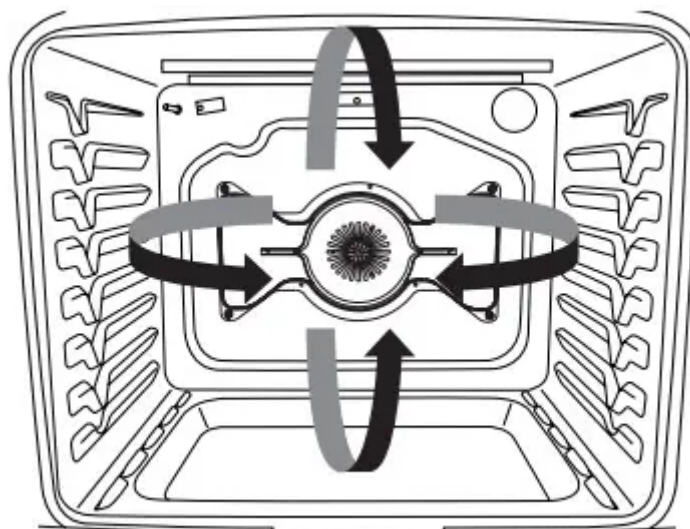
- For best results, use a broiler pan and grid. It is designed to drain juices and help avoid spatter and smoke. If you would like to purchase a broiler pan, one may be ordered. See the “Accessories” section.

### Lower Oven Convection Cooking

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 helps maintain a consistent temperature throughout the oven, cooking foods more evenly, crisping surfaces while sealing in moisture, and yielding crustier breads.

If the oven door is opened during convection cooking, the fan will turn off immediately. It will come back on when the oven door is closed.

**NOTE:** The oven door must be closed for convection broiling.



Position the racks according to the “Positioning Racks and Bakeware” section before starting convection cooking. With convection cooking, most foods can be cooked at a lower temperature or for a shorter length of time. These adjustments can be made using the following chart.

<b>Setting</b>	<b>Guidelines</b>
<b>CONVECT BAKE</b>	Reduce the standard baking temperature 25°F (15°C).
<b>CONVECT BROIL</b>	Use standard recipe temperature. Cooking time may be reduced, so the food should be checked for doneness early.
<b>CONVECT ROAST</b>	Use standard recipe temperature. Cooking time may be reduced by 15 to 30% with Convect Roast, so the food should be checked for doneness early.

### **Bow Tie True Convection**

True convection adds an electric element around the convection fan to enhance the cooking performance. Use the following Convect Options chart as a guide.

### **Convect Options**

<b>Setting</b>	<b>Foods</b>
<b>CONVECT BAKE</b>	Single- or multiple-rack baking for cookies, biscuits, breads, casseroles, tarts, tortes
<b>CONVECT BROIL</b>	Thicker cuts or unevenly shaped pieces of meat, fish, or poultry
<b>CONVECT ROAST</b>	Whole chicken or turkey, vegetables, pork roasts, beef roasts

### **Favorite**

The Favorite feature allows you to save the time and temperature settings from any active cook function. Only one favorite is allowed for each oven.

#### **To Save a Cooking Function as a Favorite:**

1. Press and hold FAVORITE.
2. Press the Time/Temp “+” or “-” keypad to select the oven in use.
3. The cooking function is now stored as a Favorite, and the control resumes operation of the saved cooking function.



**To Recall and Start a Favorite:**

1. . Press FAVORITE.
2. Press the Time/Temp “+” or “-” keypad to select the oven in use.
3. Press START. The set temperature can be changed by pressing the Time/ Temp “+” or “-” keypad and then START. Similarly, the Cook Time can be changed by pressing COOK TIME, the Time/ Temp “+” or “-” keypad to adjust to the desired time, and then START. If the cook time is adjusted, the time remaining is replaced by the new time.
4. Place food in the oven.
5. Press CANCEL for the oven that is being used when finished.
6. Remove food from the oven.

**To Cancel a Favorite Cycle:**

1. Press CANCEL for the desired oven. The stored Favorite cycle will not be affected.
2. Remove food from the oven.

## Cook Time

**To Set a Timed Cook:**

1. Press the keypad for any cooking function except Self-Clean or Keep Warm.
2. Press the Time/Temp “+” or “-” keypad to set the desired temperature. Press and hold to scroll quickly. The temperature will not scroll past the minimum or maximum allowable temperature.
3. Press COOK TIME.
4. Press the Time/Temp “+” or “-” keypad to enter the length of time to cook.
5. Press START. The display will count down the time. When the time ends, the oven will shut off automatically. The temperature and/or time setting can be changed at any time by repeating steps 2 through 4.  
NOTE: If cooking in both ovens, press any number on the keypad, then follow the on-screen prompts to select the desired oven before entering temperature.
6. Press CANCEL for the desired oven to clear the display.

**To Set a Delayed Timed Cook:**

1. Press DELAY START.
2. Press the Time/Temp “+” or “-” keypad to select the desired oven.
3. Press the Time/Temp “+” or “-” keypad to enter the number of hours and/or minutes you want to delay the start time. Press and hold to scroll quickly.
4. Press the keypad for any cooking function except Keep Warm.

5. Press the Time/Temp “+” or “-” keypad to set the desired temperature. Press and hold to scroll quickly. The temperature will not scroll past the minimum or maximum allowable temperature. 6.
6. Press START or COOK TIME.
7. Press the Time/Temp “+” or “-” keypad to enter the length of time to cook.
8. Press START. When the start time is reached, the oven will automatically turn on. The temperature and/or time settings can be changed after the delay countdown by repeating steps 1 through 7. When resetting the time and temperature, it is necessary to press START between steps 4 and 5 to continue making changes. When the set cook time ends, the oven will shut off automatically.
9. Press CANCEL for the desired oven to clear the display.

## RANGE CARE

### Self-Cleaning Cycle

**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.

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 the “Oven Vent” or “Oven Vents” section.

Do not clean, rub, damage, or move the oven door gasket.

#### Prepare Range:

- Remove the broiler pan, grid, cookware and bakeware, all cooking utensils, oven racks, aluminum foil, and, on some models, the temperature probe from the oven.
- Use a damp cloth to clean inside door edge and the 1 1/2" (38 mm) area around the inside oven cavity frame, being certain not to move or bend the gasket.
- 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.
- Remove plastic items from the cooktop because they may melt.

**NOTE:** The cooktop burners will not function during the Self-Cleaning cycle.

#### **IMPORTANT:**

- Oven temperature must be below 500°F (260°C) to program a cleaning cycle.

- Only 1 oven can be cleaned at a time.
- Both oven doors will lock when either oven is running the Self-Cleaning cycle.

### 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.

Once the oven has completely cooled, remove ash with a damp cloth. To avoid breaking the glass, do not apply a cool, damp cloth to the inner door glass before it has completely cooled. The oven light is disabled during the Self-Cleaning cycle.

To stop the Self-Cleaning cycle at any time, press CANCEL UPPER or CANCEL LOWER. If the temperature is too high, the oven doors will remain locked.

When “LOCK” shows in the display, the doors of the oven cannot be opened. To avoid damage to the doors, do not force the doors open when “LOCK” is displayed. Before self-cleaning, make sure the doors are completely closed or the doors will not lock and the Self-Cleaning cycle will not begin.

**NOTE:** Only one oven can use the Self-Cleaning cycle at a time, and 12 hours must pass before the next Self-Cleaning cycle can begin.

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

Use the following chart as a guide to determine the desired cleaning level.

Cleaning Level	Recommended Cleaning Time (Includes a 30-Minute Cool-Down Time)
1 (Quick)	2 hours
2	2 hours 30 minutes
3	3 hours
4 (reg)	3 hours 30 minutes
5	4 hours
6 (Maxi)	4 hours 30 minutes

### To Self-Clean:

1. Close the oven doors, and then press SELF CLEAN.
2. Press the Time/Temp “+” or “-” keypad to select the desired oven to clean.
3. Press the Time/Temp “+” or “-” keypad to select the desired clean level.



4. Press START. The oven doors will automatically lock. When the Self-Cleaning cycle is complete and the oven cools, the oven doors will unlock.
5. When the oven is completely cooled, remove ash with a damp cloth.

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

1. Close the oven doors, and then press DELAY START.
2. Press the Time/Temp “+” or “-” keypad to select the desired oven.
3. Press the Time/Temp “+” or “-” keypad to enter the desired amount of time by which you want to delay the start.
4. Press SELF CLEAN.
5. Press the Time/Temp “+” or “-” keypad to select the desired clean level.
6. Press START. The oven doors will automatically lock after the Delay Start countdown. When the Self-Cleaning cycle is complete and the oven cools, the oven doors will unlock.
7. When the oven is completely cooled, remove ash with a damp cloth.

## **General Cleaning**

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

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

#### **Cleaning Method:**

- Glass cleaner, mild liquid cleaner, or nonabrasive scrubbing pad: Gently clean around the model/serial/rating plate because scrubbing may remove numbers.
- affresh® Kitchen and Appliance Cleaner Part Number W10355010 (not included): See the “Accessories” section for more information.

### **STAINLESS STEEL (on some models)**

**NOTE:** To avoid damage to stainless steel surfaces, do not use soap-filled scouring pads, abrasive cleaners, Cooktop Cleaner, steel-wool pads, gritty washcloths, or abrasive paper towels. Damage may occur to stainless steel surfaces, even with one-time or limited use.

#### **Cleaning Method:**

Rub in direction of grain to avoid damaging.

- affresh® Stainless Steel Cleaner Part Number W10355016 (not included): See the “Accessories” section for more information.

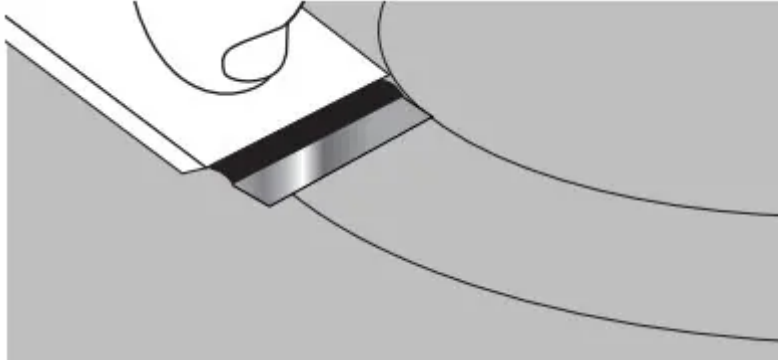
### **METALLIC PAINT (on some models)**

Do not use abrasive cleaners, cleaners with bleach, rust removers, ammonia, or sodium hydroxide (lye) because paint surface may stain.

### CERAMIC GLASS

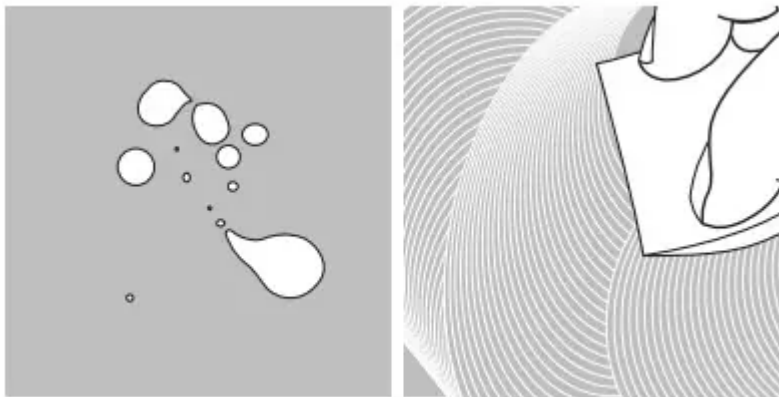
Cleaning Method: To avoid damaging the cooktop, do not use steel wool, abrasive powder cleansers, chlorine bleach, rust remover, or ammonia.

1. Remove food/residue with the Cooktop Scraper.



- For best results, use the Cooktop Scraper while the cooktop is still warm but not hot to the touch. It is recommended to wear an oven mitt while scraping the warm cooktop.
- Hold the Cooktop Scraper at approximately a 45° angle against the glass surface and scrape the residue. It will be necessary to apply pressure in order to remove the residue. Allow the cooktop to cool down completely before proceeding to Step 2.

2. Apply a few dime-sized drops of affresh® Cooktop Cleaner to the affected areas.



- Rub affresh® Cooktop Cleaner onto the cooktop surface with the blue Cooktop Cleaning Pad. Some pressure is needed to remove stubborn stains.
- Allow the cleaner to dry to a white haze before proceeding to Step 3.

3. Polish with a clean, dry cloth or a clean, dry paper towel



- Repeat steps 1 through 3 as necessary for stubborn or burned-on stains. The Complete Cooktop Cleaner Kit is available for order and includes the following:
  - Cooktop Scraper
  - affresh® Cooktop Cleaner
  - Blue Cooktop Cleaning Pads
- See the “Accessories” section for part numbers and information on ordering.

### **COOKTOP CONTROLS**

To avoid damage to the cooktop controls, do not use steel wool, abrasive cleansers, or oven cleaner. To avoid damage, do not soak knobs. When replacing knobs, make sure knobs are in the Off position. On some models, do not remove seals under knobs.

#### **Cleaning Method:**

- Soap and water: Pull knobs straight away from control panel to remove.

### **CONTROL PANEL AND OVEN DOOR EXTERIOR**

To avoid damage to the control panel, do not use abrasive cleaners, steel-wool pads, gritty washcloths, or abrasive paper towels. Cleaning Method:

- Glass cleaner and soft cloth or sponge: Apply glass cleaner to soft cloth or sponge, not directly on panel.
- affresh® Kitchen and Appliance Cleaner Part Number W10355010 (not included): See the “Accessories” section for more information.

### **OVEN RACKS**

#### **Cleaning Method:**

- Steel-wool pad
- For racks that have discolored and are harder to slide, a light coating of vegetable oil applied to the rack guides will help them slide.

### **OVEN CAVITY**

Do not use oven cleaners. Food spills should be cleaned when oven cools. At high temperatures, foods react with porcelain. Staining, etching, pitting, or faint white spots can result.

**Cleaning Method:**

- Clean cycle: See the “Self-Cleaning Cycle” section.

### **Oven Lights**

The oven lights are standard 40-watt appliance bulbs. Before replacing, make sure the oven and cooktop are cool and the control knobs are in the Off position.

**To Replace:**

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 then bulb cover by turning clockwise.
5. Plug in range or reconnect power.



# TROUBLESHOOTING



Problem	Possible Causes and/or Solutions
<p><b>Nothing will operate</b></p>	<p><b>Power supply cord is unplugged:</b> Plug into a grounded outlet.</p> <p><b>Household fuse is blown or a circuit breaker is tripped:</b> Replace the fuse or reset the circuit breaker. If the problem continues, call an electrician.</p> <p><b>The control displays an F9 or F9 E0 error code:</b> The electrical outlet in the home may be miswired. Contact a qualified electrician to verify the electrical supply</p>
<p><b>Cooktop will not operate</b></p>	<p><b>The control knob is not set correctly:</b> Push in knob before turning to a setting.</p> <p><b>On ceramic glass models, the oven control lockout is set:</b> See the “Control Lock” keypad feature in the “Feature Guide” section.</p>
<p><b>Excessive heat around cookware on cooktop</b></p>	<p><b>Cookware is not the proper size:</b> Use cookware about the same size as the surface cooking area, element, or surface burner. Cookware should not extend more than 1 /2" (1.3 cm) outside the cooking area.</p>
<p><b>Cooktop cooking results not what expected</b></p>	<p><b>Control knob set to incorrect heat level:</b> See the “Cooktop Use” section.</p> <p><b>Range is not level: Level the range.</b> See the Installation Instructions.</p>
<p><b>Cooktop element cycles on and off on Hi setting</b></p>	<p><b>Element cycling due to a temperature limiter:</b> This is normal operation. The element may cycle on and off to keep the cooktop from overheating.</p>
<p><b>Oven will not operate</b></p>	<p><b>Delay Start is set:</b> See the “Cook Time” section.</p> <p><b>Control is locked:</b> Press and hold START for 3 seconds to unlock.</p> <p><b>Control is in Demo mode:</b> See the “Electronic Oven Controls” section. Demo mode is used for display models in a showroom.</p> <p><b>Electronic oven control set incorrectly:</b> See “Electronic Oven Controls” section.</p>



<p><b>Oven temperature too high or too low</b></p>	<p><b>Oven temperature needs adjustment:</b> See “Oven Temperature Control” in the “Electronic Oven Controls” section.</p>
<p><b>Oven indicator lights flash</b></p>	<p><b>Power to range is turned on or restored:</b> See “Control Display” in the “Electronic Oven Controls” section. If the indicator lights keep flashing, call for service. See the “Warranty” section for contact information.</p>
<p><b>Display shows messages</b></p>	<p><b>Power failure (display shows flashing time):</b> Clear the display. On some models, reset the clock, if needed. See “Clock” keypad feature in the “Feature Guide” section.</p> <p><b>Error code (display shows letter followed by number):</b> Press CANCEL UPPER or CANCEL LOWER to clear the display. See “Control Display” in the “Electronic Oven Controls” section. If it reappears, call for service. See the “Warranty” section for contact information.</p>
<p><b>Cleaning cycle did not work on all spills</b></p>	<p><b>Several cooking cycles between cleaning cycles or spills on oven walls and doors:</b> Run additional cleaning cycles. affresh® Kitchen and Appliance Cleaner or affresh® Cooktop Cleaner can be used for stubborn soils. See the “Accessories” and “Self-Cleaning Cycle” sections for more information.</p>
<p><b>Oven cooking results not what expected</b></p>	<p><b>Range is not level:</b> Level the range. See the Installation Instructions. The set temperature was incorrect: Double-check the recipe in a reliable cookbook.</p> <p><b>Oven temperature is calibrated incorrectly:</b> See “Oven Temperature Control” in the “Electronic Oven Controls” section.</p> <p><b>Oven was not preheated:</b> See “Baking and Roasting” section.</p> <p><b>Racks were positioned improperly:</b> See “Positioning Racks and Bakeware” section.</p> <p><b>Not enough air circulation around bakeware:</b> See “Positioning Racks and Bakeware” section.</p> <p><b>Darker browning of food caused by dull or dark bakeware:</b> Lower oven temperature 25°F (15°C) or move rack to a higher position in the oven.</p> <p><b>Lighter browning of food caused by shiny or light colored bakeware:</b> Move rack to a lower position in the oven.</p>



**Batter distributed unevenly in pan:** Check that batter is level in the pan.

**Incorrect length of cooking time was used:** Adjust cooking time.

**Oven door was not closed:** Be sure that the bakeware does not keep the door from closing.

**Oven door was opened during cooking:** Oven peeking releases oven heat and can result in longer cooking times.

**Rack is too close to bake burner, making baked items too brown on bottom:** Move rack to higher position in the oven.

**Pie crusts browning too quickly:** Use aluminum foil to cover the edge of the crust and/or reduce baking temperature.

### **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.