

Electric Freestanding Range Control Guide

FEATURE GUIDE

WARNING: To reduce the risk of fire, electric shock, or injury to persons, read the IMPORTANT SAFETY INSTRUCTIONS, located in your appliance's Owner's Manual, before operating this appliance.

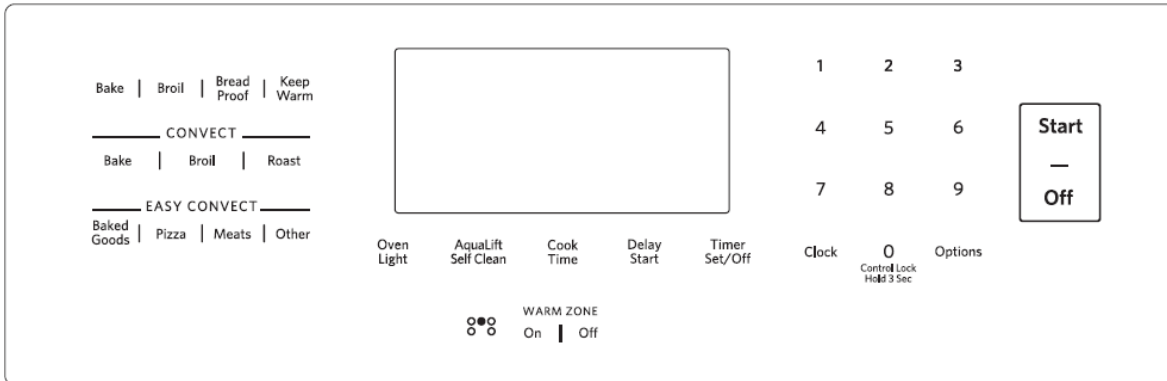
This manual covers several models. Your model may have some or all of the items listed. Refer to this manual or Frequently Asked Questions (FAQs) section of our website at www.kitchenaid.com for more detailed instructions.

⚠ WARNING

Food Poisoning Hazard

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

Doing so can result in food poisoning or sickness.



KEYPAD	FEATURE	INSTRUCTIONS
CLOCK	Clock	This clock can use a 12- or 24-hour cycle. See "Electronic Oven Controls" section. <ol style="list-style-type: none"> 1. Press CLOCK. 2. Press "3" for AM or "6" for PM. 3. Press the number keypads to set the time of day. 4. Press CLOCK or START.
Oven LIGHT	Oven cavity light	While the oven door is closed, press the OVEN LIGHT keypad to turn the light on and off. The oven light will come on when the oven door is opened.
TIMER SET/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"> 1. Press TIMER SET/OFF. 2. Press the number keypads to set the length of time in hr-hr-min-min. Leading zeroes do not have to be entered. For example, for 2 minutes, enter "2." 3. Press TIMER SET/OFF to begin the countdown. If enabled, end-of-cycle tones will sound at end of countdown. 4. Press TIMER SET/OFF to cancel the Timer and return to the time of day. Do not press the OFF keypad because the oven will turn off. 5. If the Kitchen Timer is running, but not in the display, press KITCHEN TIMER to display the countdown for 5 seconds.
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.
OFF	Range function	The Off keypad stops any oven function except the Clock, Timer, Control Lock, and Warm Zone.
BAKE	Baking and roasting	<ol style="list-style-type: none"> 1. Press BAKE. 2. Press the number keypads to set the desired temperature. If the temperature entered is not in the range of the temperatures allowed, the minimum or maximum allowed temperature will be displayed. Enter a temperature in the allowable range. 3. Press START. 4. To change the temperature, repeat steps 1 and 2. Press START for the change to take effect. 5. Press OFF when finished.

KEYPAD	FEATURE	INSTRUCTIONS
BROIL	Broiling	<ol style="list-style-type: none"> 1. Press BROIL. 2. Select the broiling temperature by pressing 1 - high (500°F [260°C]), 2 - medium (450°F [232°C]) or 3 - low (400°F [204°C]). The default setting is high. 3. Press START and allow the oven to preheat for 5 minutes. 4. Position the cookware in the oven and leave the door open 6" (15 cm) at the broil stop position. 5. Press OFF when finished.
CONVECT BAKE	Convection cooking	<ol style="list-style-type: none"> 1. Press CONVECT BAKE. 2. Press the number keypads to set the desired temperature. If the temperature entered is not in the range of the temperatures allowed, the minimum or maximum allowed temperature will be displayed. Enter a temperature in the allowable range. 3. Press START. 4. To change the temperature, repeat step 2. Press START for the change to take effect. 5. Press OFF when finished.
CONVECT ROAST	Convection cooking	<ol style="list-style-type: none"> 1. Press CONVECT ROAST. 2. Press the number keypads to set the desired temperature. If the temperature entered is not in the range of the temperatures allowed, the minimum or maximum allowed temperature will be displayed. Enter a temperature in the allowable range. 3. Press START. 4. To change the temperature, repeat step 2. Press START for the change to take effect. 5. Press OFF when finished.
CONVECT BROIL	Convection cooking	<ol style="list-style-type: none"> 1. Press CONVECT BROIL. 2. Press the number keypads to set the desired temperature. If the temperature entered is not in the range of the temperatures allowed, the minimum or maximum allowed temperature will be displayed. Enter a temperature in the allowable range. 3. Press START and leave the door closed. 4. To change the temperature, repeat Step 2. Press START for the change to take effect. 5. Press OFF when finished.
EASYCONVECT™ CONVERSION	Recipe conversion for convection cooking	<p>NOTE: For best results, preheat your oven to the required temperature prior to using EasyConvect™ Conversion. After preheating is complete, press OFF before using EasyConvect™ Conversion.</p> <ol style="list-style-type: none"> 1. Press the appropriate EasyConvect™ keypad (MEATS, PIZZA, BAKED GOODS or OTHER). 2. Press START. 3. Press the number keypads to enter the standard cook temperature, and then press START. 4. Enter the standard cook time, and then press START. 5. Place food in the oven at the appropriate time. Check food for doneness before the stop time is reached. If food will not be done when stop time is reached, add more cooking time before time elapses. See the "Cook Time" section. At the end of the stop time, the oven will automatically turn off. 6. Press OFF when finished. Refer to the "EasyConvect™ Conversion" section for more information.
BREAD PROOF	Recipe conversion for convection cooking	<ol style="list-style-type: none"> 1. Press BREAD PROOF until the desired proof is displayed ("Standard Proof" or "Rapid Proof"). 2. Press START. Let the dough rise until nearly doubled in size. Proofing time may vary depending on dough type and quantity. 3. Press OFF when finished proofing. Refer to the "Proofing Bread" section for more information.
KEEP WARM	Hold warm	<p>Food must be at serving temperature before placing it in the warmed oven.</p> <ol style="list-style-type: none"> 1. Press KEEP WARM. 2. Press the number keypads to set the desired temperature. If the temperature entered is not in the range of the temperatures allowed, the minimum or maximum allowed temperature will be displayed. Enter a temperature in the allowable range. 3. Press START. 4. Press OFF when finished.

KEYPAD	FEATURE	INSTRUCTIONS
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 Cook Time or a Delayed Cook Time, see “Cook Time” section.
COOK TIME	Timed cooking	Cook Time allows the oven to be set to turn on at a certain time of day, cook for a set length of time, and/or shut off automatically. To set a Timed Cook or a Delayed Timed Cook, see “Cook Time” section.
WARMING ZONE ON/OFF	Warming zone	Press WARMING ZONE ON to select the warming element on the cooktop, then press START. Press WARMING ZONE OFF to turn off the warming element.
AQUALIFT SELF CLEAN	Aqualift® self-clean cycle	See the “Clean Cycle” section in the Owner’s Manual.
CONTROL LOCK hold 3 sec. to lock	Oven control lockout	No keypads will function with the controls locked. 1. Check that the oven and the Kitchen Timer are off. 2. Press and hold CONTROL LOCK keypad for 3 seconds. 3. If enabled, a tone will sound, and “CONTROL LOCKED” will be displayed. 4. Repeat to unlock.
OPTIONS	Oven use functions	Enables you to personalize the audible tones and oven operation to suit your needs. See the “Oven Use” section.

AquaLift® Self-Cleaning Technology



AquaLift® Self-Cleaning Technology is a first-of-its-kind cleaning solution designed to minimize the time, temperature and odors that ordinarily come with traditional self-cleaning methods. With AquaLift® Self-Cleaning Technology, an exclusive coating on the interior of the oven is activated with heat and water to release baked-on soil. To use AquaLift® Self-Cleaning Technology, simply wipe out loose debris, pour water into the oven bottom and run the AquaLift® Self-Cleaning cycle. When the cycle finishes in under 1 hour at a lower temperature than traditional self-cleaning methods, just wipe out the remaining water and loose debris. See the “Clean Cycle” section in the Owner’s Manual for more detailed instructions. For additional information, frequently asked questions and videos on using AquaLift® Self-Cleaning Technology, visit our website at <http://whirlpoolcorp.com/aqualift>.

Surface Temperature

When the range is in use, all range surfaces may become hot, such as the knobs and oven door.

Warming Drawer, Storage Drawer, or Baking Drawer (On Some Models)

When the oven is in use, the drawer may become hot. Do not store plastics, cloth, or other items that could melt or burn in the drawer.

Oven Vent

The oven vent releases hot air and moisture from the oven, and should not be blocked or covered. Do not set plastics, paper or other items that could melt or burn near the oven vent.

Cooktop Use

⚠ WARNING

Fire Hazard

Turn off all controls when done cooking.

Failure to do so could result in death or fire.

Ceramic Glass

The surface cooking area will glow red when an element is on. Some parts of the surface cooking area may not glow red when an element is on. This is normal operation. It will also randomly cycle off and back on again, even while on High, to keep the cooktop from extreme temperatures.

It is normal for the surface of 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. Ceramic glass cooktop cleaner and a cooktop scraper are also recommended for stubborn soils. Do not use abrasive cleaners, cleaning pads or harsh chemicals for cleaning. The Cooktop Care Kit Part Number 31605 contains all of the items needed to clean and condition your ceramic glass cooktop. Refer to the “Range Maintenance and Care” section in the Owner’s Manual 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.

- For cooktops with two dual elements in the front positions, the fastest boiling performance for pots 10" (25.4 cm) and larger will be on the larger dual element with both elements on “Dual Hi.” For best low heat performance on pans 10" (25.4 cm) and larger, use the smaller dual element set at “Single Lo.”
- For best melting performance with small pans, use the EvenHeat™ element.

- 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.
- 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 can 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.
- 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/cooktop element on the console panel is turned on, the Cooktop On indicator light will glow.

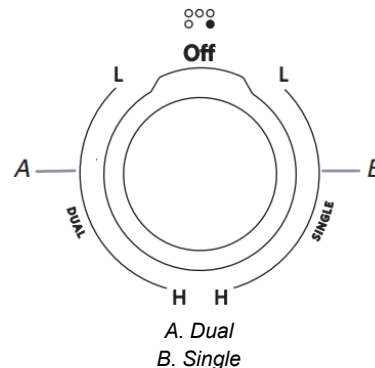
Hot Surface Indicator Light

On ceramic glass models, 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.

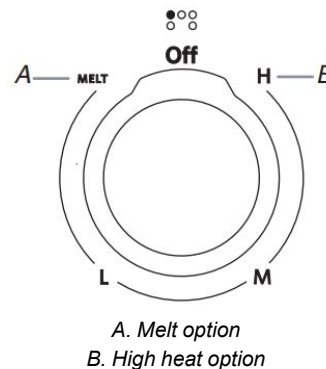
Dual-Size Cooking Element

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



Even-Heat™ Element

The Even-Heat™ Element offers flexibility due to a wide range of settings between High and Melt. The High heat option can be used to boil small amounts of liquid quickly. To reduce the power setting, turn the knob clockwise. The Melt setting is designed for delicate foods that require low heat, such as when melting chocolate or holding sauces. Use cookware appropriate in size for the Even-Heat™ Element.



Warm Zone Element

Use the cooktop Warm Zone element to keep cooked foods warm. One hour is the recommended maximum time to maintain food quality.

Do not use it to heat cold foods.

The Warm Zone element can be used alone or when any of the other surface cooking areas are being used.

The Warm Zone Element area will not glow red when cycling on. However, the Cooktop/Element On indicator light will glow while the Cooktop Warm Zone Element 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 WARM ZONE ON then START.
2. To turn off, press WARM ZONE OFF.

Cookware

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

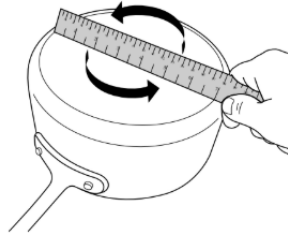
Ideal cookware should have a flat bottom, straight sides and a well-fitting lid, and the material should be of medium-to-heavy thickness.

Rough finishes may scratch the cooktop. 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.

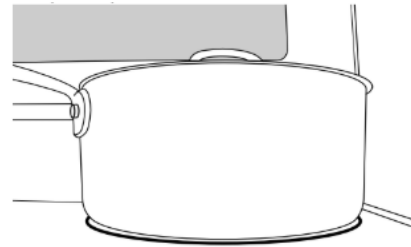


Use the following chart as a guide for cookware material characteristics.

COOKWARE	CHARACTERISTICS
Aluminum	<ul style="list-style-type: none"> Heats quickly and evenly. Suitable for all types of cooking. Medium or heavy thickness is best for most cooking tasks. May leave aluminum residues, which may be diminished if cleaned immediately after cooking.
Cast iron	<ul style="list-style-type: none"> Heats slowly and evenly. Good for browning and frying. Maintains heat for slow cooking. Rough edges or burrs may scratch the cooktop.
Ceramic or Ceramic glass	<ul style="list-style-type: none"> Follow manufacturer's instructions. Heats slowly, but unevenly. Ideal results on low to medium heat settings. May scratch the cooktop.
Copper	<ul style="list-style-type: none"> Heats very quickly and evenly. May leave copper residues, which may be diminished if cleaned immediately after cooking Can leave a permanent stain or bond to the cooktop if overheated.
Earthenware	<ul style="list-style-type: none"> Follow manufacturer's instructions. Use on low heat settings. May scratch the cooktop.

COOKWARE	CHARACTERISTICS
Porcelain enamel-on-steel or cast iron	<ul style="list-style-type: none"> See stainless steel or cast iron. Porcelain enamel bakeware without the metal base may bond to the cooktop if overheated.
Stainless steel	<ul style="list-style-type: none"> Heats quickly, but unevenly. A core or base of aluminum or copper on stainless steel provides even heating.

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" (1.3 cm) 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" (1.3 cm) 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 light up when first powered up or after a power loss. When oven is not in use, the time of day is displayed.

Tones

Tones are audible signals, indicating the following:

One Tone

- Valid pad press
- Oven is preheated (long tone).
- Kitchen timer (long tone with a reminder tone every 60 seconds).
- Function has been entered.

Three Tones

- Invalid pad press

Four Tones

- End of cycle (with a reminder tone every 60 seconds).

Use the Options key to change the tone settings.

Options

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

Use the Options keypad to scroll through the features that can be changed. Each press of the Options 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 OFF to exit Options.

Fahrenheit and Celsius

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

To change:

1. Press OPTIONS until "TEMP UNIT" is displayed.
2. The current setting will be displayed.
3. Press the "1" keypad to adjust the setting.
4. Press OFF to save the setting and display the time of day.

Audible Tones Disable

Turns off all tones, including the end of cycle tone and key press tones.

1. Press OPTIONS until "SOUND" is displayed.
2. The current setting will be displayed.
3. Press the "1" keypad to adjust the setting.
4. Press OFF to save the setting and display the time of day.

Sound Volume

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

1. Press OPTIONS until "SOUND VOLUME" is displayed.
2. The current setting will be displayed.
3. Press the "1" keypad to adjust the setting.
4. Press OFF to save the setting 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 OPTIONS until "END TONE" is displayed.
2. The current setting will be displayed.
3. Press the "1" keypad to adjust the setting.
4. Press OFF to save the setting 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 OPTIONS until "REMINDER TONE" is displayed.
2. The current setting will be displayed.
3. Press the "1" keypad to adjust the setting.
4. Press OFF to save the setting and display the time of day.

Key Press Tones

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

1. Press OPTIONS until "KEYPRESS TONE" is displayed.
2. The current setting will be displayed.
3. Press the "1" keypad to adjust the setting.
4. Press OFF to save the setting 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 heating elements turning on. If this feature is activated, the oven will not work.

1. Press OPTIONS until "DEMO MODE" is displayed.
2. The current setting will be displayed.
3. Press the "1" keypad to adjust the setting.
4. Press OFF to save the setting and display the time of day.

12-Hour Shutoff

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 OPTIONS until "12 HR AUTO OFF" is displayed.
2. The current setting will be displayed.
3. Press the "1" keypad to adjust the setting.
4. Press OFF to save the setting and display the time of day.

12/24 Hour Clock

1. Press OPTIONS until "12/24 HOUR" is displayed.
2. The current setting will be displayed.
3. Press the "1" keypad to adjust the setting.
4. Press OFF to save the setting and display the time of day.

Languages - Scrolling Display Text

Language options are English, Spanish and French.

1. Press OPTIONS until "LANGUAGE" is displayed.
2. The current setting will be displayed.
3. Press the number keypads to adjust the setting.
4. Press OFF to save the setting and display the time of day.

Energy Save

The Energy Save mode deactivates the display to reduce energy consumption.

1. Press OPTIONS until "ENERGY SAVE" is displayed.
2. The current setting will be displayed.
3. Press the "1" keypad to adjust the setting.
4. Press OFF to save the setting 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 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 to Fahrenheit or Celsius.

To Adjust Oven Temperature:

1. Press OPTIONS until "TEMP CALIB" is displayed.
2. The current setting will be displayed. Press the "1" keypad to toggle between the oven and the warming drawer.
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 "3" keypad to increase the temperature in 5°F (3°C) increments, or press the "6" 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 OFF to save the setting and display the time of day.

Keep Warm

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 or 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.
2. Press the number keypads to set the desired temperature. If the temperature entered is not in the range of the temperatures allowed, the minimum or maximum allowed temperature will be displayed. Enter a temperature in the allowable range.
NOTE: The temperature may be changed at any time by pressing the number keypads to enter the desired temperature and then START.
3. Press START.
4. Place food in the oven.
5. Press OFF when finished.
6. Remove food from the oven.

To Cancel Keep Warm:

Press OFF. 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 heating elements will not turn on or off immediately.

NOTE: Warm Zone is not available when Sabbath Mode is enabled.

To Enable Sabbath Mode Capability (One Time Only):

1. Press OPTIONS until "SABBATH" is displayed.
2. Press the "1" keypad. Sabbath Mode can be activated for baking.
3. Press START or OFF to save the setting and 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.
2. Press the number keypads to set the desired temperature. If the temperature entered is not in the range of the temperatures allowed, the minimum or maximum allowed temperature will be displayed. Enter a temperature in the allowable range.
3. Press START.
For timed cooking in Sabbath Mode, press COOK TIME and then the number keypads to set the desired cook time. Press START.
4. Press OPTIONS. Three tones will sound. Then press "7." "SAb" will appear in the display.

To Adjust Temperature (When Sabbath Mode Is Running):

1. Press BAKE.
2. Press the number 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.

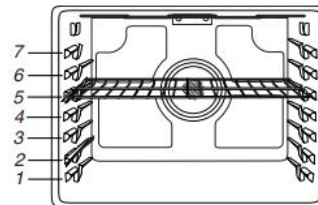
3. Press START.

To Deactivate Sabbath Mode:

Press OPTIONS, and then press "7" to return to regular baking, or press OFF to turn off the range.

Positioning Racks and Bakeware

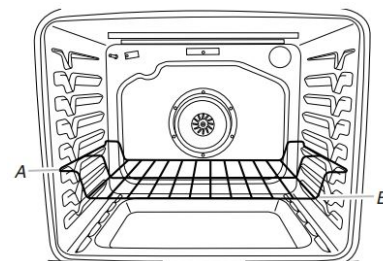
To position a rack, pull it out to the stop position, raise the front edge, and then lift out. Use the following illustration and charts as a guide.



The oven has 7 positions for a flat rack, as shown in the previous illustration and the following table.

Flat Rack Position	Type of Food
7	Broiling/searing meats, hamburgers, steaks
6	Broiled meats, poultry, fish
3 or 4	Most baked goods, casseroles
2	Roasted meats
1	Large roasts or poultry

IMPORTANT: If your model has a Max Capacity Rack, the recessed ends must be placed in the rack position above the desired position of the food. See the following illustration.



A. Ends of rack in position 3
B. Food in position 2

IMPORTANT: These rack positions are for flat racks. If a Max Capacity Rack is used, the rack position must be adjusted as shown in the previous figure.

Multiple Rack Cooking

2-rack: Use rack positions 2 and 5 for regular baking.

2-rack (convection only): Use rack positions 2 and 5.

3-rack (true convection only): Use rack positions 2, 4 and 6.

Bakeware

To cook food evenly, hot air must be able to circulate. Allow 2" (5 cm) of space around bakeware and oven walls. Make sure that no bakeware piece is directly over another.

Baking and Roasting

Preheating

When beginning a Bake, Convection Bake or Convection Roast 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.

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.

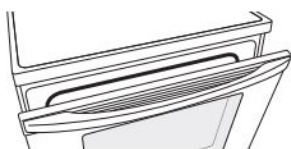
Temperature Management System

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

Leave the door open 6" (15 cm) at the broil stop position to ensure proper broiling temperature. Preheat the oven for 5 minutes before putting food in unless recommended otherwise in the recipe. 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. Use racks 6 or 7 for broiling. 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. Please refer to the Quick Start Guide for contact information.

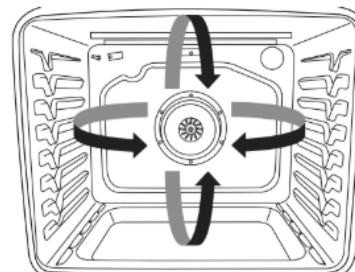
Convection Cooking

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.

During convection cooking, the bake, broil and convection (true convection only) elements cycle on and off in intervals to maintain the oven temperature, while the fan circulates the hot air.

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 for a shorter length of time. These adjustments can be made using the following chart or by using the EasyConvect™ Conversion feature on your range.

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

Bow Tie True Convection with T.H.E.™ Element

True convection adds an electric element around the convection fan to enhance the cooking performance. This feature enables 3-rack baking in your range. Use the following Convection Options chart as a guide.

Convection Options

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

EasyConvect™ Conversion

Convection cooking temperatures and times can differ from those of standard cooking. Depending upon the selected category, EasyConvect™ Conversion automatically reduces the standard recipe temperature and/or time you input for convection cooking.

Foods are grouped into 4 general categories. Choose the category most appropriate for the food to be cooked. Use the following chart as a guide.

Setting	Foods
MEATS	Chicken: whole and pieces Meat loaf, Roasts: pork, beef and ham (Turkey and large poultry are not included because their cook time varies.)
BAKED GOODS	Biscuits, Breads: quick and yeast Cakes and Cookies Casseroles
PIZZA	Fresh pizza, Frozen pizza
OTHER	Frozen convenience foods: french fries, nuggets, fish sticks, lasagna

To Use:

NOTE: For best results, preheat your oven to the desired temperature prior to using Easy Convect™ Conversion. After preheating is complete, press OFF before using EasyConvect™ Conversion.

1. Press the EASY CONVECT key for the desired option (MEATS, BAKED GOODS, PIZZA or OTHER).
2. Press START.
3. Press the number keys to enter standard cook temperature, and then press START.
4. Press the number keys to enter standard cook time, and then press START.
5. Place the food in the oven.

Check food for doneness before the stop time is reached. If food will not be done when the stop time is reached, add more cooking time before time elapses (see the "Cook Time" section). At the end of the stop time, the oven will automatically turn off.

6. Press OFF when finished.
7. Remove food from the oven.

Proofing Bread

Proofing bread prepares the dough for baking by activating the yeast. Follow the recipe directions as a guide. Proof should be used for fresh dough, thawed dough, and for the first and second rise. Rapid Proof (on some models) operates at a slightly higher temperature than Standard Proof, and it can be used for the second rise of formed dough.

To Proof:

Before first proofing, place the dough in a lightly greased bowl and cover loosely with wax paper, coated with shortening. Place in position 2, and then close the oven door.

1. Press BREAD PROOF until the desired proof is displayed ("Standard or Rapid").
2. Press START.

Let the dough rise until nearly doubled in size. Proofing time may vary depending on dough type and quantity.

3. Press OFF when finished proofing.

Before second proofing, shape the dough, place it in baking pan (s), and cover loosely. Follow the same placement and control steps above. Before baking, remove the cover.

NOTE: If the oven temperature is greater than 120°F (49°C), the display will indicate "Oven Cooling" until the temperature is below 120°F (49°C).

Cook Time

To Set a Timed Cook:

1. Press BAKE, CONVECT BAKE, CONVECT ROAST or CONVECT BROIL.
2. Press the number keypads to set the desired temperature. If the temperature entered is not in the range of the temperatures allowed, the minimum or maximum allowed temperature will be displayed. Enter a temperature in the allowable range.
3. Press COOK TIME.
4. Press the number keypads 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 5.

6. Press OFF to clear the display.

NOTE: The time setting for any timed cooking function, including EasyConvect™ Conversion, can be adjusted by following the previous steps 3 through 5.

To Set a Delayed Timed Cook:

1. Press DELAY START.
2. Press the number keypads to enter the number of hours and/or minutes you want to delay the start time.
3. Press BAKE, CONVECT BAKE, CONVECT ROAST or CONVECT BROIL.
4. Press the number keypads to set the desired temperature. If the temperature entered is not in the range of the temperatures allowed, the minimum or maximum allowed temperature will be displayed. Enter a temperature in the allowable range.
5. Press START or COOK TIME.
6. Press number keypads to enter the length of time to cook.
7. 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.

8. Press OFF to clear the display.