

# IMPORTANT SAFETY INSTRUCTIONS

Read and follow all instructions before using your oven to prevent the risk of fire, electric shock, personal injury, or damage when using the oven. This guide does not cover all possible conditions that may occur. Always contact your service agent or manufacturer about problems that you do not understand.

Download this owner's manual at: [www.lg.com](http://www.lg.com)



This is the safety alert symbol. This symbol alerts you to potential hazards that can result in property damage and/or serious bodily harm or death. All safety messages will follow the safety alert symbol and either the word WARNING or CAUTION. These words mean:

## WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

## CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

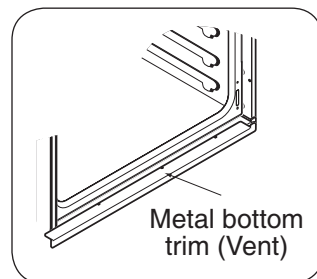
## SAFETY PRECAUTIONS

- Be certain your appliance is properly installed and grounded by a qualified technician.
- Do not repair or replace any part of the appliance unless specifically recommended in the manual.
- All other servicing should be referred to a qualified technician.
- Always disconnect power to appliance before servicing by unplugging, removing the fuse or switching off the circuit breaker.
- **DO NOT TOUCH HEATING ELEMENTS OR INTERIOR SURFACES OF OVEN.**  
Heating elements may be hot even though they are dark in color. Interior surfaces of an oven become hot enough to cause burns. During and after use, do not touch or let clothing or other flammable materials contact heating elements or interior surfaces of oven until they have had sufficient time to cool. Other surfaces of the appliance may become hot enough to cause burns. Among these surfaces are oven vent openings and surfaces near these openings, oven doors, and windows of oven doors.
- **Use care when opening door.**  
Let hot air or steam escape before you remove or replace food in the oven.
- **Do not heat unopened food containers.**  
Build-up of pressure may cause containers to burst and result in injury.

## SAFETY PRECAUTIONS (CONT.)

- **Keep oven vent ducts unobstructed.**

The oven vent could become hot during oven use. Never block this vent and never place plastic or heat-sensitive items on or near the vent.



### NOTE:

For proper operation vent trim must be installed.

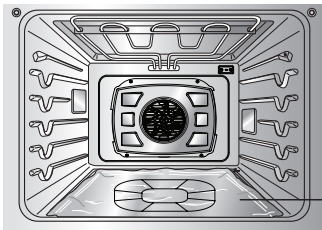
### WARNING

- **NEVER use your appliance for warming or heating the room.**
  - **DO NOT use water on grease fires.** Should an oven fire occur, leave the oven door closed and turn the oven off. If the fire continues, throw baking soda on the fire or use a fire extinguisher.
  - **Use dry pot holders only.** Moist or damp pot holders on hot surfaces may result in burns from steam. Do not let the pot holder touch hot heating elements. Do not use a towel or other bulky cloth.
  - **Do not use the oven or the drawer for storage.** Flammable materials should not be stored in or on an oven.
  - **Wear proper apparel.** Loose-fitting or hanging garments should never be worn while using the appliance.
- 
- **Be certain all packing materials are removed from the appliance before operating.** Keep plastics, clothes, and paper away from parts of the appliance that may become hot.
  - **DO NOT force the door open.** This can damage the automatic door locking system. Use care when opening the oven door after the self-cleaning cycle. Stand to the side of the oven when opening the door to allow hot air or steam to escape. The oven may still be VERY HOT.
  - **DO NOT use a steel-wool pad.** It will scratch the surface.
  - **DO NOT use harsh etching, abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface.** This may result in the glass shattering.
  - **Be careful when removing and lifting the door.**
  - **DO NOT lift the door by the handle.** The door is very heavy.
  - **DO NOT step or sit on the oven door.** Be sure to follow proper installation instructions.

## ELECTRICAL SAFETY

- **Protective Liners.** Do not use aluminum foil or any other material to line the oven bottoms. Improper installation of these liners may result in a risk of electric shock or fire.
- **Do Not** allow aluminum foil or the meat probe to contact heating elements.

### WARNING



No Aluminum foil

- **DO NOT** place aluminum foil directly on the oven bottom.

- **DO NOT line the oven walls, racks, bottom, or any other part of the oven with aluminum foil or any other material.** Doing so will disrupt heat distribution, produce poor baking results and cause permanent damage to the oven interior (aluminum foil will melt to the interior surface of the oven.)
- **Before replacing your oven light bulb, switch off the electrical power to the oven at the main fuse or circuit breaker panel.** Failure to do so can result in severe personal injury, death, or electrical shock.

## SAFETY DURING USE

- **Oven Racks.** Always place oven racks in the desired position while the oven is cool.
- **Always use pot holders or oven mitts when removing food from the oven.** Hot cookware or plates can cause burns.
- **Use caution with the TIMED BAKE or DELAYED TIMED BAKE features.** Use the automatic timer when cooking cured or frozen meats and most fruits and vegetables. Foods that can easily spoil, such as milk, eggs, fish, meat or poultry, should be chilled in the refrigerator first. Even when chilled, they should not stand in the oven for more than 1 hour before cooking begins, and should be removed promptly when cooking is completed. Eating spoiled food can result in sickness from food poisoning.
- **Should an oven fire occur, leave the oven door closed and turn the oven off. If the fire continues, throw baking soda on the fire or use a fire extinguisher.**
- **DO NOT put water or flour on the fire.** Flour may be explosive and water can cause a grease fire to spread and cause personal injury.
- **DO NOT use the broiler pan without the grid. DO NOT cover the grid with aluminum foil.**

## CHILD SAFETY

### WARNING

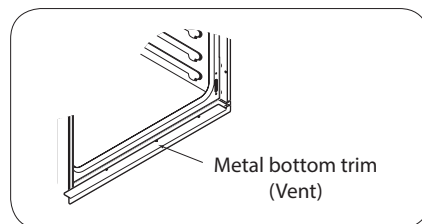
- **Children should be kept away from the oven.**
- **Accessory parts will become hot when the broiler is in use.**

### CAUTION

- **Children should not be left alone or unattended in an area where the appliance is in use. Children should never be allowed to sit or stand on any part of the appliance.**
- **DO NOT leave small children unattended near the appliance.** During the self-cleaning cycle, the outside of the oven can become very hot to the touch.

## SAFETY WHEN CLEANING

- **Do not clean the door gasket.** The door gasket is essential for a good seal. Care should be taken not to rub, damage, or move the gasket.
- **Do not use oven cleaners.** No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the oven.
- **Before self cleaning the oven,** remove broiler pan, all oven racks, meat probe and any other utensils from the oven cavity.
- **Never keep pet birds in the kitchen.** The health of birds is extremely sensitive to the fumes released during an oven self-clean cycle. Fumes may be harmful or fatal to birds. Move birds to a well-ventilated room.
- **Important instruction :** In the event the self clean error code F is displayed, and error melody sounds, the oven is malfunctioning in the self clean mode. Switch off the electrical power to the main fuse or breaker and have the appliance serviced by a qualified technician.
- **Make sure oven lights are cool before cleaning. Clean only parts listed in manual.**
- **DO NOT block the oven vent during operation.** This can damage the electric parts of the oven. Air must be able to move freely. The metal bottom trim (vent) should be properly assembled on the front bottom of the oven before installing the oven door.



## COOK MEAT AND POULTRY THOROUGHLY

To protect against food-borne illnesses, cook meat and poultry thoroughly. The USDA has indicated the following as safe minimum internal temperatures for consumption:

- Ground beef: 160 °F
- Poultry: 165 °F
- Beef, veal, pork, or lamb: 145 °F
- Fish/seafood: 145°F

## CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT



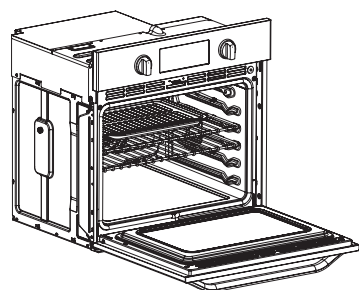
### WARNING

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling.***

# PRODUCT OVERVIEW

## ACCESSORIES

Make sure that all parts are included after purchasing this product.



Electric convection built-in oven

### Accessories for Cooking



Grid



Heavy duty racks  
(Standard Rack) (2 ea)



Broiler pan



Telescoping rack (1 ea)



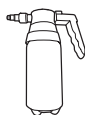
Meat probe

### Accessories for Installation

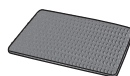


6 wood screws for mounting  
(4 needed for installation  
and 2 extras)

### Accessories for EasyClean®



Spray bottle (1ea)

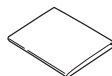


Non scratch  
Scouring Pad (1ea)

### Manuals



Owner's manual



Installation manual

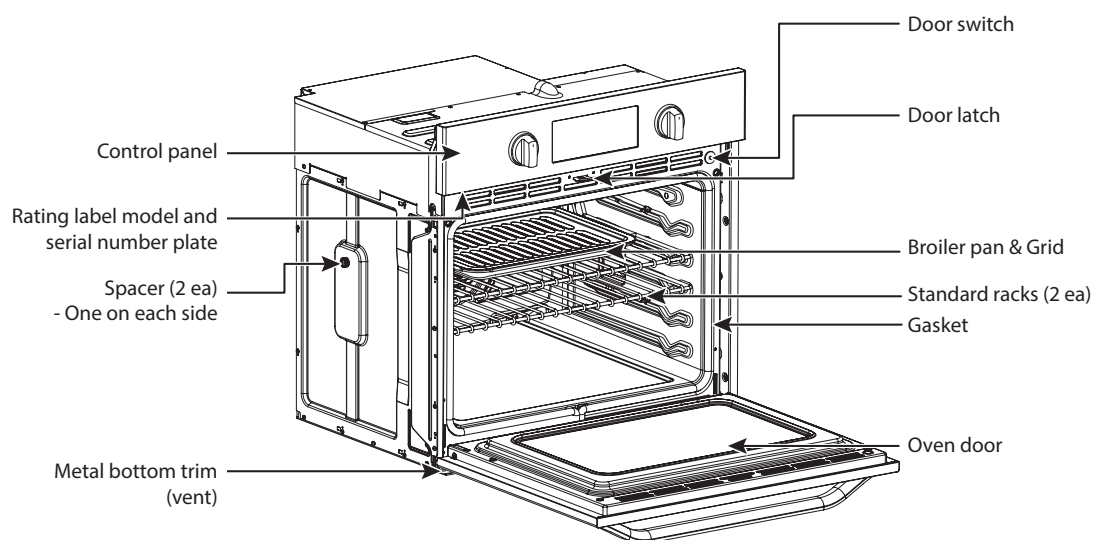
## ! NOTE

- Contact LG Customer Service if any accessories are missing.
- For your safety and for extended product life, only use authorized components.
- The manufacturer is not responsible for product malfunction or accidents caused by the use of separately purchased, unauthorized components.
- The images in this guide may be different from the actual components and accessories, which are subject to change by the manufacturer without prior notice for product improvement purposes.

## OVEN OVERVIEW

Make sure to understand the name and function of each part.

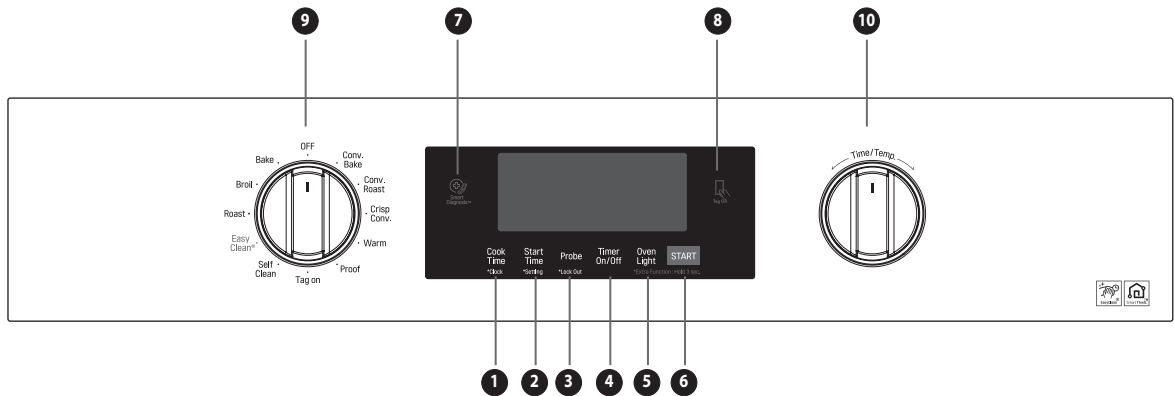
\* Throughout this manual, the features and appearance may vary depending on your model.



### ! NOTE

- The model and serial number can be verified at the rating label.

## CONTROL PANEL OVERVIEW



| Name                          | Description  |
|-------------------------------|--|
| <b>1 Cook Time / Clock</b>    | <ul style="list-style-type: none"> <li>– Touch button and turn the Time/Temp knob to set the desired amount of time for food to cook. The oven shuts off when the set cooking time runs out.</li> <li>– Touch and hold the button for three seconds to set the time of day.</li> </ul> |
| <b>2 Start Time / Setting</b> | <ul style="list-style-type: none"> <li>– Touch button and turn the Time/Temp knob to set the delayed start time. The oven starts at the set time.</li> <li>– Touch and hold button for three seconds to select and adjust oven settings.</li> </ul>                                    |
| <b>3 Probe / Lockout</b>      | <ul style="list-style-type: none"> <li>– Touch button to select probe function.</li> <li>– Touch and hold button for three seconds to activate to active LOCKOUT.</li> </ul>   |
| <b>4 Timer On/Off</b>         | Touch button to set or cancel timer on oven.   |
| <b>5 Oven Light</b>           | Touch button to turn oven light on/off.  |
| <b>6 Start</b>                | Touch button to start all oven features.   |
| <b>7 Smart Diagnosis</b>      | Use during the Smart Diagnosis feature.  |
| <b>8 Smart Features</b>       | The Tag On icon, for use with Smart Features.  |
| <b>9 Oven Mode Knob</b>       | Turn knob to select oven operating mode.   |
| <b>10 Time/Temp Knob</b>      | Turn knob to set temperature or cook time for oven.  |

# FEATURES

## CLOCK

The clock must be set to the correct time of day in order for the automatic oven timing functions to work properly.

1. Set Oven Mode knobs to the **OFF** position.
2. Touch and hold **COOK TIME** for 3 seconds.
3. Turn the Time/Temp knob to select the desired time. Turn the knob clockwise to increase the time and counterclockwise to decrease the time.
4. Touch **START** to enter the time and start the clock.

### ! NOTE

- The time of day cannot be changed during a Timed Baking or Self Clean cycle.
- To check the time of day when the display is showing other information, touch **CLOCK**.
- The display reverts to the original setting if **START** is not touched within 25 seconds of the clock being set.
- If the display time is blinking, there may have been a power failure. Reset the time.

## Setting the Hour Mode on the Clock (12 or 24 hours)

The control is set to use a 12-hour clock. To change it to a 24-hour time clock, follow the steps below.

1. Set Oven Mode knobs to the **OFF** position.
2. Touch and hold **START TIME** for 3 seconds.
3. Turn the Time/Temp knob to set the desired hour mode on the clock.
4. Touch **START** to accept the change.

## Power Outage

If the dot of dot of time flashes on the display, there may have been a power outage. Reset the clock. Touch any button or turn any knob once to reset. Enter the correct time of day by turning the Time/Temp knob. Touch **START**.

## Minimum and Maximum Default Settings

All of the features listed have a minimum and a maximum time or temperature setting that can be entered into the control. A beep sounds each time a control button is touched.

Two short tones sound if the entry of the temperature or time is below the minimum or above the maximum setting for the feature.

| FEATURE   | MIN. TEMP./TIME | MAX. TEMP./TIME  |
|---|-----------------|------------------|
| CLOCK TIME  | 12 Hr.          | 1:00 Hr. / Min.  |
|   | 24 Hr.          | 23:59 Hr. / Min. |
| TIMER   | 12 Hr.          | 0:01 Min.        |
|   | 24 Hr.          | 11:59 Hr. / Min. |
| COOKING TIME  | 12 Hr.          | 0:01 Min.        |
|   | 24 Hr.          | 11:59 Hr. / Min. |
| BAKE/ROAST  | 170°F / 80°C    | 550°F / 285°C    |
| CONVECTION BAKE / CONVECTION ROAST / CRISP CONVECTION | 170°F / 80°C    | 550°F / 285°C    |
| BROIL Full/Center                                     | Low (350°F)     | High (550°F)     |
| SELF CLEAN TIME                                       | 3Hr.            | 5Hr.             |
| PROOF   | 0:01 Min.       | 11:59 Hr. / Min. |
| WARM  | Low (140°F)     | High (200°F)     |
| PROBE   | 80 °F / 27°C    | 210 °F / 100°C   |

## TIMER ON/OFF

The **TIMER ON/OFF** serves as an extra timer in the kitchen that beeps when the set time has run out. It does not start or stop cooking. The **TIMER ON/OFF** feature can be used during any of the other oven control functions. The timers can be operated independently of each other.

### Setting the Timer

1. Set Oven Mode knobs to the **OFF** position.
2. Touch the **TIMER ON/OFF**. 0:00 with <sub>HR</sub> inside it appears and TIMER flashes in the display.
3. Turn the Time/Temp knob to set the desired time. Turn the knob clockwise to increase the time and counterclockwise to decrease the time.



#### NOTE

If the **TIMER ON/OFF** is not touched, the timer returns to the time of day.

4. Touch the **TIMER ON/OFF** to start the timer. The display shows the set time counting down.
5. When the set time runs out End shows in the display. The indicator tones sound every 15 seconds until the **TIMER ON/OFF** is touched.
6. To cancel the timer, touch the **TIMER ON/OFF** once. The display will return to the time of day.



#### NOTE

If the remaining time is not shown in the display, recall the remaining time by touching the **TIMER ON/OFF**.

- Touch the **TIMER ON/OFF** once to set the time in hours and minutes.
- Touch the **TIMER ON/OFF** twice to set the time in minutes and seconds.

## CONVECTION AUTO CONVERSION

When cooking using the convection mode (Conv. Bake, Conv. Roast, and Crisp Conv.), the oven temperature is automatically reduced by 25°F (14°C). The display will show the changed temperature.

This feature is called *auto conversion*. Your oven comes with this feature enabled.

To disable the auto conversion feature, do the following:

1. Set Oven Mode knobs to the **OFF** position.
2. Touch and hold **START TIME** for 3 seconds. Then touch **START TIME** once. *Auto* appears in the display.



3. Turn the Time/Temp knob to enable or disable the feature.
4. Touch **START** to accept the change.

## OVEN TEMPERATURE ADJUSTMENT

This oven may cook differently than the one it replaced. Use the oven for a few weeks to become more familiar with it before changing the thermostat settings. If the oven consistently undercooks or overcooks follow these instructions to adjust the thermostat.

### ! NOTE

Don't use thermometers, such as those found in grocery stores, to check the temperature setting of the oven. Instead, begin by raising or lowering the thermostat 15°F (8°C). Try the oven for a week with the new setting and adjust again if needed, using the first adjustment as a gauge.

### Adjusting the Oven Temperature

1. Set Oven Mode knobs to the **OFF** position.
2. Touch and hold **START TIME** for 3 seconds. Then touch **START TIME** repeatedly until **AJ** appears in the display.



3. Turn the Time/Temp knob to set the amount of temperature adjustment desired. Touch **START TIME** to toggle between positive and negative values.

Example : To increase the thermostat by 15 degrees, turn the knob clockwise to select 15.

To decrease the thermostat by 15 degrees, turn the knob clockwise to select 15, then touch **START TIME** to select a negative value (-15).

4. Touch **START** to accept the change.

### ! NOTE

- This adjustment will not affect the broiling or Self Clean temperatures. The adjustment will be retained in memory after a power failure. The oven temperature can be increased (+) or decreased (-) as much as 35°F or 19°C.
- Once the temperature is increased or decreased, the display will show the adjusted temperature until it readjusts.
- The thermostat adjustment for Bake will also affect Convection Bake, Convection Roast, Roast or Crisp Convection.

## LANGUAGE

The default language of the display is English. It can be changed to Spanish or French.

1. Set Oven Mode knobs to the **OFF** position.
2. Touch and hold **START TIME** for 3 seconds. Then touch **START TIME** repeatedly until **Lng** appears in the display.



3. Turn the Time/Temp knob to set the desired language.
4. Touch **START** to accept the change.

## PREHEATING ALARM LIGHT

When the oven reaches its set-temperature, the preheating alarm light flashes until the oven door is opened. You can activate or deactivate the preheating alarm light.

1. Set oven mode knobs to the **OFF** position.
2. Touch and hold **START TIME** for 3 seconds. Then touch **START TIME** repeatedly until **PrE** appears in the display.



3. Turn the Time/Temp knob to enable or disable the feature.
4. Touch **START** to accept the change.

## BEEPER VOLUME

The beeper volume can be adjusted to three possible volume levels, Hi, Low and Off.

1. Set Oven Mode knobs to the **OFF** position.
2. Touch and hold **START TIME** for 3 seconds. Then touch **START TIME** repeatedly until **BEEP** appears in the display.



3. Turn the Time/Temp knob to select the desired volume.
4. Touch **START** to accept the change.

## FAHRENHEIT OR CELSIUS

The oven control is set by default to display the Fahrenheit temperature scale. To display the Celsius scale, follow these instructions.

1. Set Oven Mode knobs to the **OFF** position.
2. Touch and hold **START TIME** for 3 seconds. Then touch **START TIME** repeatedly until **Unit** appears in the display.



3. Turn the Time/Temp knob to select °F (Fahrenheit) or °C (Celsius).
4. Touch **START** to accept the change.

## OVEN LIGHT

The interior oven light automatically turns ON when the door is opened. The oven light can also be manually turned ON or OFF by touching **OVEN LIGHT**.




### NOTE

The oven light cannot be turned on if the Self Clean function is active.

## LOCKOUT

The Lockout feature automatically locks the oven door and prevents most oven controls from being turned on. It does not disable the clock, timer or the interior oven light.

1. Set Oven Mode knobs to the **OFF** position.
2. Touch and hold **PROBE** for 3 seconds.
3. The lock melody sounds, **OVEN LOCKOUT** appears in the display and **DOOR LOCKED** will flicker in the display.
4. Once the oven door is locked, the **DOOR LOCKED** indicator stops flickering and remains on along with the lock icon. 
5. To deactivate the Lockout feature, touch and hold **PROBE** for 3 seconds. The unlock melody sounds and **UNLOCKING** appears in the display until the controls are unlocked.

## START TIME (Delayed Timed COOK)

The automatic timer of the DELAYED TIMED COOK function turns the oven ON and OFF at the time you select. This feature can only be used with the BAKE, ROAST, CONV. BAKE, CONV. ROAST, CRISP CONV. and SELF CLEAN modes.

### Setting the Oven to Delayed Start

The following example is to Bake at 300°F and start baking at 4:30. Make sure the clock is set for the correct time of day.

1. Turn the Oven Mode knob to select the **BAKE** mode. **350°F** appears in the display.
2. Turn the Time/Temp knob to set the desired temperature.  
For this example, turn the Time/Temp knob counterclockwise until 300°F appears in the display.
3. Touch **START TIME**.
4. Set the start time: Turn the Time/Temp knob clockwise until 4:30 appears in the display.
5. Touch **START**. A short beep sounds and the oven begins baking.

### ! NOTE

- To cancel the DELAYED TIMED COOK function, turn the Oven Mode knob to the **OFF** position.
- To change the cooking time, repeat steps 3-4 and touch **START**.
- If your oven clock is set as a 12-hour clock, you can delay the cook time for 12 hours. If your oven clock is set as a 24-hour clock, you can delay the cook time for 24 hours.

The oven continues to cook for the set amount of time and then turns off automatically when the cooking time has elapsed.

- **END** and the time of day shows in the display.
- The cook end indicator tone sounds every 60 seconds until the Oven Mode knob is turned to the **OFF** position.



### CAUTION

- Use the automatic timer when cooking cured or frozen meats and most fruits and vegetables. Foods that can easily spoil, such as milk, eggs, fish, meat or poultry, should be chilled in the refrigerator. Even when chilled, they should not stand in the oven for more than 1 hour before cooking begins, and should be removed promptly when cooking is completed.
- Eating spoiled food can result in sickness from food poisoning.

## COOK TIME (TIMED COOK)

The oven turns on immediately and cooks for a selected length of time. At the end of the cooking time, the oven turns off automatically.

### Setting the Timed Cook Function

The following example is to Bake at 300°F for 30 minutes.

1. Set the clock for the correct time of day.
2. Turn the Oven Mode knob to select **BAKE**. 350°F appears in the display.
3. Set the oven temperature.  
For this example, turn the Time/Temp knob counterclockwise to select 300°F.
4. Touch **COOK TIME**. TIMED flashes. BAKE, 0:00 and 300°F appears in the display.
5. Set the desired baking time.  
For this example, turn the Time/Temp knob clockwise until 30:00 appears in the display.

### ! NOTE

Baking time can be set for any amount of time from 1 minute to 11 hours and 59 minutes.

When the cooking time has elapsed:

1. END OF CYCLE and the time of day show in the display. The oven shuts off automatically.
2. The control continues to sound the cook end melody every minute until the Oven Mode knob is moved to any position.

### Changing the Cook Time while Operating the Oven

This example is to change the cook time from 30 minutes to 1 hour and 30 minutes.

1. Touch **COOK TIME**.
2. Set the new baking time.  
For this example, turn the Time/Temp knob clockwise until 01<sub>HR</sub>:30 appears in the display.
3. Touch **START** to accept the change, or wait 10 seconds without touching and the display resets to the original cooking time.

### ! NOTE

- During the preheating mode, the convection fan operates constantly to circulate the hot air. The convection fan turns off automatically after the preset temperature is attained.
- After any cooking cycle has been completed cooling fans operate to protect the control panel. This is normal.

6. Touch **START**. The oven turns on, and the display shows the cooking time countdown. The oven continues to cook for the set amount of time, then turns off automatically, unless the WARM function is set. Refer to the Setting the WARM Function, page 25.