

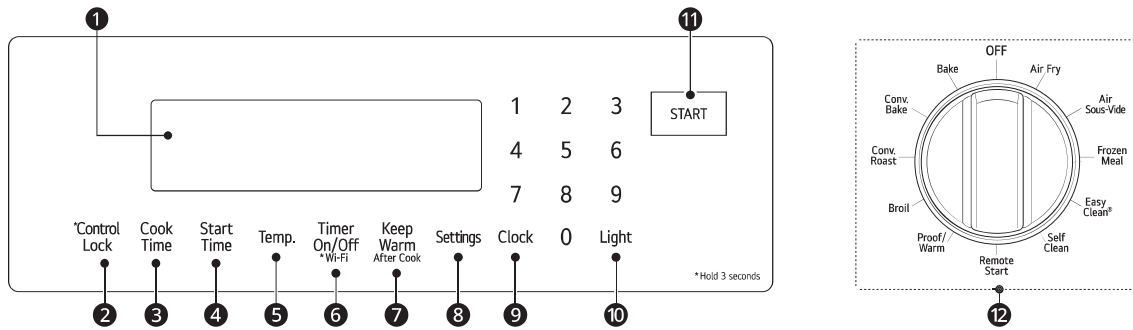
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OPERATION

Control Panel

Control Panel Features

Model: LSIS6338



1 Display

Press any button on the control panel to activate the display.

2 Control Lock

Press and hold the button for 3 seconds to lock the control panel.

3 Cook Time

Press the button to set the desired amount of time for food to cook. The oven shuts off when the set cooking time runs out.

4 Start Time

Press the button to set the delayed timed cook. The oven starts at the set time.

5 Temp.

Press the button to set the oven temperature during oven use.

6 Timer On/Off / Wi-Fi

Press the button to set or cancel timer on oven. Press and hold button for three seconds to connect the appliance to a Wi-Fi network.

7 Keep Warm

Press the button to keep food warm after cooking.

- This feature should be used after cooking in the oven.

8 Settings

Press the button to select and adjust oven settings.

9 Clock

Press the button to set the time of day.

10 Light

Press the button to turn the oven light on or off.

11 START

Press the button to start all oven features.

12 Oven Mode Knob

Turn the knob to select the oven operating mode.

NOTE

• Flashing Clock

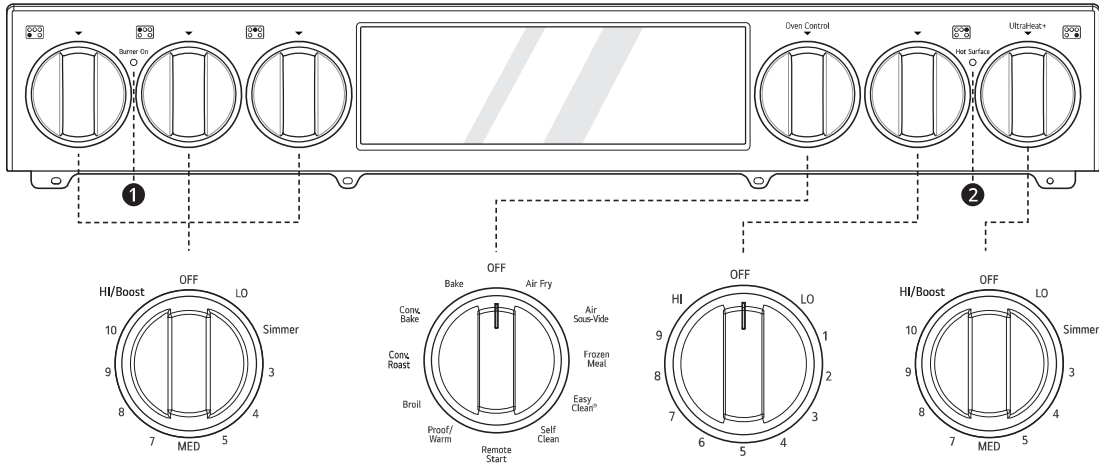
If the colon in the clock display flashes, press **Clock** and reset the time, or press any key to stop the flashing.

• Setting the Time, Timer and Temperature

If you enter one digit of a number incorrectly, enter the entire number again to correct it. For example, if you press 1, 0, 3 and 1 to set the clock for 10:30, press 1, 0, 3 and 0 to enter the correct time.

Knob Features

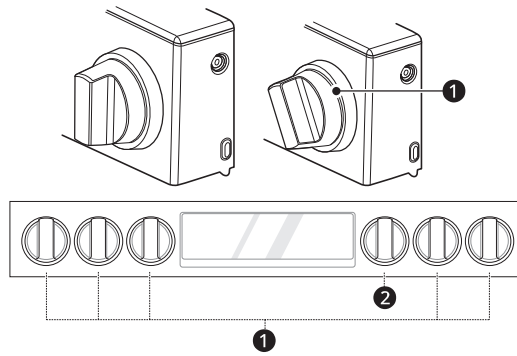
After cleaning the oven knobs, make sure to replace each knob in the correct position. Failure to do so can result in improper operation of the burners.



- ❶ Burner On Indicator
- ❷ Hot Surface Indicator

Knob Lighting

Knob lighting illuminates the edge of the knob when you turn the knob to operate the heating elements (excluding Mode knob).



- ❶ LED Lighting
- ❷ Mode Knob

NOTE

- Oven Mode knob does not have knob lighting.
- If the knob lighting does not match the actual operation of the heating elements, it may indicate a problem with the product.

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Changing Oven Settings

Clock

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

- 1 Press **Clock**
- 2 Press the numbers to enter the time. For example, to set the clock for 10:30, press the numbers: 1, 0, 3 and 0.
- 3 Press **START**.

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, press **Clock**.
- If no other buttons are pressed within 25 seconds of pressing **Clock**, the display reverts to the original setting.
- If the display time is blinking, there may have been a power failure. Reset the time.

Oven Light

The interior oven light automatically turns on when the door is opened.

- Press **Light** to manually turn the oven light on.

NOTE

- The oven light cannot be turned on if the **Self Clean** function is active.
- The oven light turns off automatically after 90 seconds.

Timer On/Off

The Timer 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 feature can be used during any of the other oven control functions.

For example, to set 5 minutes:

- 1 Press **Timer On/Off** once.
0:00 appears and **Timer** flashes in the display.
- 2 Press **5**.
0:05 appears in the display.
- 3 Press **Timer On/Off** to start the Timer. The remaining time countdown appears in the display.

NOTE

- If **Timer On/Off** is not pressed, the display returns to the time of day.

- 4 When the set time runs out, **End** shows in the display. The indicator tones sound every 15 seconds until **Timer On/Off** is pressed.

NOTE

- If the remaining time is not in the display, recall the remaining time by pressing **Timer On/Off**.
- Press **Timer On/Off** twice to set the time in minutes and seconds.
- Press **Timer On/Off** once to set the time in hours and minutes.

Canceling the Timer

- 1 Press **Timer On/Off** once.
The display returns to the time of day.

Wi-Fi

The **Wi-Fi** button is used to connect the appliance to a home Wi-Fi network.

- 1 Set the oven mode knob to the **OFF** position.
- 2 Press and hold **Timer On/Off** for 3 seconds.
- 3 The power on chime sounds, **SEt** appears in the display, and the Wi-Fi icon (📶) blinks.
- 4 Connect the appliance to the Wi-Fi network using the **LG ThinQ** smartphone app.

- 5 To disconnect the appliance from the network, delete it from the connected appliances in the app.

NOTE

- See the Smart Functions section in the owner's manual for more details.

Settings (Hour Mode, Convection Auto Conversion, Oven Temperature, Preheat Alarm Light, Beeper Volume, Fahrenheit or Celsius, Cooktop On Alert Volume)

Press the **Settings** button repeatedly to toggle through and change oven settings.

The **Settings** button allows you to:

- set the hour mode on the clock (12 or 24 hours)
- enable/disable convection auto conversion
- adjust the oven temperature
- activate/deactivate the preheating alarm light
- set the beeper volume
- switch the temperature scale between Fahrenheit and Celsius
- set the cooktop on alert volume

Setting the Hour Mode

The control is set to use a 12-hour clock. To reset the clock to 24-hour mode, follow the steps below.

- 1 Press **Settings** once.
- 2 Press **1** to toggle between a 12-hour and 24-hour clock.
- 3 Press **START** to accept the change.

Setting Convection Auto Conversion

When **Conv. Bake** and **Conv. Roast** are selected, Convection Auto Conversion automatically converts the standard recipe temperature entered to a convection temperature by subtracting 25 °F / 14 °C. This auto converted temperature shows on the display. For example, select **Conv. Bake**, enter 350 °F, and 325 °F shows on the display after preheat.

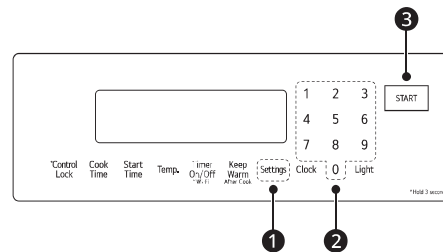
Convection Auto Conversion is enabled by default. To change the setting, follow these instructions.

- 1 Press **Settings** repeatedly until **Auto** appears in the display.
- 2 Press **1** to disable or enable auto conversion.
- 3 Press **START** to accept the change.

Adjusting the Oven Temperature

Your new oven may cook differently from the one it replaced. Use your new oven for a few weeks to become more familiar with it before changing the temperature settings. If after familiarizing yourself with the new oven, you still think that it is too hot or too cold, you can adjust the oven temperature yourself.

- To begin, either raise or lower the temperature 15°F (8 °C). Try the oven with the new setting. If the oven still needs adjustment, raise or lower the temperature again, using the first adjustment as a gauge. For example, if the adjustment was too much, raise or lower the temperature 10 °F (5 °C). If the adjustment was not enough, raise or lower the temperature 20 °F (12 °C). Proceed in this way until the oven is adjusted to your satisfaction.



- 1 Set the oven mode knob to the **Off** position.
- 2 Press **Settings** ① repeatedly until **ADJU** appears in the display.
- 3 Use the number buttons ② to enter the number of degrees you want to adjust the oven temperature.
- 4 Adjust the temperature either up or down by pressing **Settings** repeatedly to toggle between plus (+) or minus (-).
- 5 Press **START** ③ to accept the change.

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NOTE

- This adjustment does not affect the broiling or Self Clean temperatures. The adjustment is 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 shows the adjusted temperature until it readjusts.

Turning the Preheat Alarm Light On/Off

When the oven reaches its set-temperature, the preheating alarm light flashes 5 times or until the oven door is opened.

You can activate or deactivate the preheating alarm light.

- 1 Press **Settings** repeatedly until **PrE** appears in the display.
- 2 Press **1** to turn the light on/off.
- 3 Press **START** to accept the change.

Adjusting the Beeper Volume

- 1 Press **Settings** repeatedly until **Beep** appears in the display.
- 2 Press **1** to select **Hi**, **Lo** or **Off**.
- 3 Press **START** to accept the change.

Selecting Fahrenheit or Celsius

Set the oven temperature display to show either Fahrenheit (°F) or Celsius (°C) units. The oven defaults to Fahrenheit unless changed by the user.

- 1 Press **Settings** repeatedly until **Unit** appears in the display.
- 2 Press **1** to select **F** (Fahrenheit) or **C** (Celsius).
- 3 Press **START** to accept the change.

Adjusting Cooktop On Alert Volume

- 1 Press **Settings** repeatedly until **CtOP** appears in the display.


- 2 Press **1** to select **Hi** or **Off**.

- 3 Press **START** to accept the change.

Control Lock

The **Control Lock** feature locks the control panel and oven mode knob.

- When the **Control Lock** feature is activated, the cooktop and oven mode knob do not operate.

- 1 Press and hold **Control Lock** for three seconds.
- 2 The lock melody sounds. **Loc** and the lock icon  appear in the display.
- 3 To deactivate the **Control Lock** feature, press and hold **Control Lock** for three seconds. The unlock melody sounds and the controls unlock.

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 be used with the **Bake**, **Conv. Bake** and **Conv. Roast** modes.

CAUTION

- Use caution with the Delayed Timed Cook 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 complete. Eating spoiled food can result in sickness from food poisoning.

Setting a Delayed Timed Cook

For example, to bake at 300 °F and delay the start of baking until 4:30, first set the clock for the correct time of day.

- 1 Turn the oven mode knob to select **Bake**. 350 °F appears in the display.
- 2 Set the temperature: Press **3**, **0** and **0**.

- 3** Press **Cook Time** and touch the number buttons to set the baking time.
- 4** Press **Start Time**.
- 5** Set the start time: Press **4, 3** and **0** for 4:30.
- 6** Press **START**. A short beep sounds and **Timed Delay** and the start time appear in the display. The oven begins baking at the set start time.

NOTE

- To cancel the Delayed Timed Cook function, turn the oven mode knob to the **OFF** position at any time.
- To change the cooking time, repeat step 3 and press **START**.
- If the oven clock is set as a 12-hour clock, you can delay the cook time for 12 hours. If the oven clock is set as a 24-hour clock, you can delay the cook time for 24 hours.

The oven will continue to cook for the set amount of time and then turn off automatically. When the cooking time has elapsed:

- **End** and the time of day show in the display.
- The cook end indicator tone sounds every 60 seconds until the oven mode knob is turned to the **OFF** position.

Cook Time (Timed Cook)

Set the oven to cook for a specific length of time using the Timed Cook feature. This feature can only be used with the **Bake, Conv. Bake, Conv. Roast, Air Sous-Vide, Air Fry, Broil, Frozen Meal** and **Proof** modes.

Setting a Timed Cook

For example, to bake at 300 °F for 30 minutes, first set the clock to the correct time of day.

- 1** Turn the oven mode knob to select **Bake**. 350 °F appears in the display.
- 2** Set the temperature. Press **3, 0** and **0**.
- 3** Press **Cook Time**. **Timed** flashes in the display. **Bake**, 0:00 and 300 °F appear in the display.

- 4** Set the baking time: Press **3** and **0** (for 30 minutes).
 - The baking time can be set for any amount of time between 1 minute and 11 hours and 59 minutes

- 5** Press **START**.

The oven will continue to cook for the set amount of time and then turn off automatically. When the cooking time has elapsed:

- **End** and the time of day show in the display.
- The cook end indicator tone sounds every 60 seconds until the oven mode knob is turned to the **OFF** position.

Changing the Cook Time during Cooking

For example, to change the cook time to 1 hour and 30 minutes during cooking:

- 1** Press **Cook Time**.
- 2** Change the baking time: Press **1, 3, 0**.
- 3** Press **START** to accept the change.

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Minimum & Maximum Default Settings

All of the features listed have a minimum and a maximum time or temperature setting that may be entered into the control. An entry acceptance beep sounds each time a control button is pressed.

An entry error tone (two short tones) sounds 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	Default
Clock	12 hr.	1:00 hr. / min.	12:59 hr. / min.	-
	24 hr.	0:00 hr. / min.	23:59 hr. / min.	-
Timer	12 hr.	0:01 min. / sec.	11:59 hr. / min.	-
	24 hr.	0:01 min. / sec.	11:59 hr. / min.	-
Cook Time	12 hr.	0:01 hr. / min.	11:59 hr. / min.	-
	24 hr.	0:01 hr. / min.	11:59 hr. / min.	-
Conv. Bake		300 °F (*275 °F) / 150 °C (*136 °C)	550 °F / 285 °C	350 °F (*325 °F) / 175 °C (*161 °C) 12 hr.
Conv. Roast				
Broil		Lo, 400 °F 0:01 hr. / min.	Hi, 500 °F 3:00 hr. / min.	Hi / 3 hr.
Bake		170 °F / 80 °C	550 °F / 285 °C	350 °F / 175 °C 12 hr.
Proof		-	-	12 hr.
Warm		-	-	3 hr.
Probe		80 °F / 27 °C	210 °F / 100 °C	150 °F / 65 °C
Self Clean		3 hr.	5 hr.	4 hr.
EasyClean		-	-	10 min.
Frozen Meal		300 °F / 150 °C	550 °F / 285 °C	400 °F / 205 °C 12 hr.
Air Fry				
Air Sous-Vide		100 °F / 38 °C 0:01 hr. / min.	205 °F / 96 °C 47:59 hr. / min.	130 °F / 54 °C 48 hr.

NOTE

- * : Using auto conversion
- Default cook mode times are without setting a cook time.

Cooktop

Precautions when using the Cooktop

⚠ WARNING

Before Cooking

- Do not cook on a broken cooktop. If the cooktop is broken, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. Contact a qualified technician immediately.

During Cooking

- Turn cookware handles inward so they don't extend over adjacent surface units. This reduces the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the cookware.
- Always place the pan in the center of the surface unit you are cooking on. Never leave surface units unattended at high heat settings. Proper contact of cookware to burner also will improve efficiency. Boilovers cause smoking and greasy spills that may catch on fire.

After Cooking

- Clean cooktop with caution. Do not use sponges or cloth to wipe spills on a hot cooking area. Use a proper metal scraper. If a wet sponge or cloth is used to wipe spills on a hot cooking area, it can cause steam burns. Some cleaners can produce noxious fumes if applied to a hot surface.

⚠ CAUTION

Before Cooking

- Do not use the glass cooktop surface as a cutting board.
- Do not turn surface units on before placing cookware.
- Do not store heavy items above the cooktop surface that could fall and damage it.
- Do not place or store flammable or heat sensitive items on the induction cooktop, even when the cooktop is not in use.
- Place cookware on the cooking elements before turning on the induction cooktop.
- Do not place sealed containers on the cooktop.

During Cooking

- Never cook directly on the glass. Always use cookware.

- Do not place metallic objects such as knives, forks, spoons, and lids on the induction cooktop surface; they can get hot.
- Use this appliance only for normal household use. It is not designed for commercial or industrial use.
- Never use the appliance to heat the room.
- Use caution when plugging electrical appliances into power outlets near the cooktop. Keep power cords from any contact with the cooktop or cookware.
- Overheated fat and oil can catch fire quickly. Never leave surface elements unattended when frying foods.
- Do not use the induction cooktop to heat aluminum foil, products wrapped in aluminum foil, or frozen foods packaged in aluminum cookware.
- Use caution when plugging electrical appliances into outlets near the cooktop to keep power cords away from the hot cooktop or cookware.
- Users with pacemakers and active heart implants must keep their upper body at a minimum distance of 1 ft (30 cm) from active induction cooking elements. If in doubt, consult the implant manufacturer or your doctor.

After Cooking

- Immediately clean spills on the cooking area to prevent a tough cleaning chore later.
- Do not use a steel-wool pad or scrub pad or abrasive cleaning pads. They can scratch the surface.
- After use, switch off the induction cooking element using its control. Do not rely on the pan sensor.

Pan Preheat Recommendations

Induction cooking may decrease the amount of time required to preheat cookware compared to cooking on a radiant element cooktop or gas surface burner.

Pay close attention to all food items while cooking on the cooktop or in the oven, and until all cooking processes are complete.

⚠ CAUTION

- Remember that induction surface cooking initially heats the cookware VERY QUICKLY if the cookware does not contain food.

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Noises during Cooktop Operation

- **Induction Sound:** The electronic processes involved with induction cooking create some unfamiliar background noises such as a slight buzzing sound. These noises are a normal part of the induction cooking process.
- **Cookware Vibration Sound:** Some cookware will buzz, depending on its construction or base material. The buzz may be more noticeable if the pan or its contents are cold or if the bottom of the pan is not flat. As the pan heats up, the noise will decrease. The noise will also decrease if the power level setting is reduced.
- **Cooling Fan Sound:** The fan may operate while the induction cooktop is in use to reduce the temperature of the product. The cooling fan may also operate after the cooktop is turned off.

NOTE

- When using the induction cooktop, operational noises are more noticeable while cooking in **Boost** mode. But very loud noises are not normal when induction cooking.

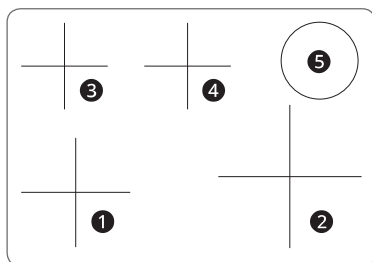
Hot Cookware and Residual Heat

CAUTION

- Unlike radiant surface elements, induction cooking elements do not glow red when hot. You can be burned if the glass surface is hot from the residual heat transferred from the cookware. Do not touch hot cookware or pans. Use oven mitts or potholders to protect hands from burns.

Cooking Areas

The cooktop is equipped with four induction cooking elements of different sizes and a radiant heat warming zone. The wattage ratings below are maximum outputs. The second rating is the maximum output for Boost mode.



- **1 Induction Left Front Cooking Element:**
8", 2100 W / 3200 W (240 V)

- **2 Induction Right Front Cooking Element:**
11", 2400 W / 4300 W (240 V)
- **3 Induction Left Rear Cooking Element:**
6", 1300 W / 1800 W (240 V)
- **4 Induction Center Rear Cooking Element:**
6", 1300 W / 1800 W (240 V)
- **5 Radiant Heat Warm Zone**
6", 100W (240 V)

Benefits of Induction Surface Cooking

Speed and Efficiency

Induction cooking elements heat faster and use less energy. Induction power levels quickly boil liquids and are efficient when simmering.

A Cooler Cooktop

Whether induction cooking elements are turned on or off, they remain cooler than radiant elements. Virtually no heat is wasted because the heat begins with the presence of cookware.

Easy Cleanups

Cooler cooking elements make for easier cleaning. Spills resist sticking or burning so they wipe up easily.

Pan Size Detection

A sensor automatically detects and adapts the induction cooking element to the pan size in use for more consistent, even cooking.

Greater Responsiveness

Induction cooking elements are more responsive than their electric or gas counterparts because only the pan heats. Induction elements heat more easily and are just as responsive when reducing temperatures to a simmer.



Induction Cookware

NOTE

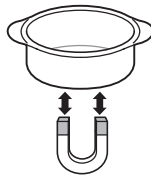
- Before using the induction cooking elements, carefully read and follow these cookware recommendations and the instructions in the pan sensing sections.

When purchasing pans for use on the induction cooktop, look for cookware identified by the

manufacturer as "induction ready" or "induction capable", or that is marked by the manufacturer as specifically designed for induction cooking.

Symbols of Induction Compatible Cookware	
	

The base material of the cookware must be magnetic for the cooking elements to activate. Use a magnet to check if the cookware base material is suitable. If the magnet sticks to the bottom of the cookware, the cookware can be used for induction cooking.



For the best possible surface cooking results, use only high-quality, heavy gauge steel cookware on the induction cooking elements. Follow manufacturer's recommendations when using induction cookware.

Induction Cookware Types

The three most common induction cookware types available are stainless steel, cast iron, and porcelain-enamel-coated metals.

- **Stainless Steel** is generally excellent for induction cooking. It is durable, easy to clean, and resists staining.

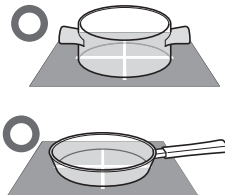
NOTE

- Not all stainless steel cookware is magnetic; stainless steel is not always suitable for induction cooking.
- **Cast Iron** cooks evenly and is also good for induction cooking. Do not slide cast iron cookware on the cooktop; cast iron cookware with a rough surface will scratch the ceramic cooktop.
- **Porcelain-enamel-coated metals** have variable heating characteristics depending on the quality of the base metal. Make sure the porcelain-enamel coating is smooth to avoid scratching the ceramic cooktop.

Cookware Placement

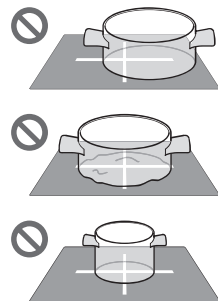
Use the proper cookware and place it correctly on the cooktop. One or more of the cooking elements will not heat if any of the incorrect conditions shown is detected by the sensors located below the ceramic cooktop surface. Correct the problem before attempting to use the cooktop.

Correct Use



- Cookware is centered correctly on surface of cooking element.
- Pan has flat bottom and straight sides.
- Pan size meets or exceeds the recommended minimum size for the cooking element.
- Pan rests completely on the cooktop surface.
- Pan is properly balanced.

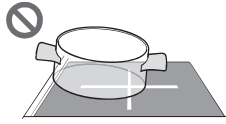
Incorrect Use



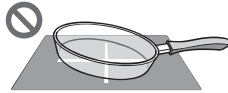
- Cookware is not centered on surface of cooking element.
- Pan has curved or warped bottom or sides.
- Pan does not meet the minimum size required for the cooking element used.

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Incorrect Use



- Pan bottom rests on cooktop trim or does not rest completely on the cooktop surface.



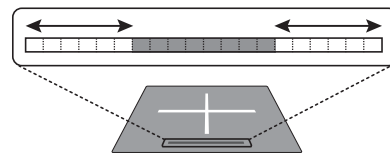
- Pan is unbalanced by heavy handle.

Pan Sensing

The cooking-element sensors located below the cooktop surface require certain cookware conditions to be met before the induction cooking elements can operate.

The cooking zone LED bar may display a pan sensing error message. If a cooking element is activated and no cookware is detected, the affected induction cooking zone LED bar will

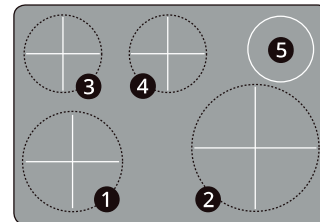
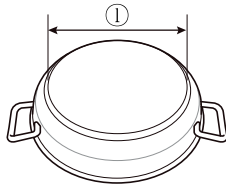
fluctuate. If the cookware does not meet the correct conditions, the cooking zone may not heat.



If the problem is not corrected, the affected cooking element will automatically deactivate after one minute.

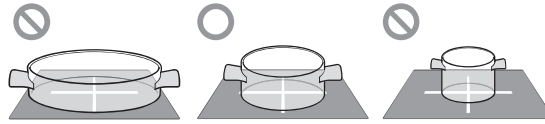
Minimum and Maximum Pan Size

There are four cooking elements on the induction cooktop. Each element requires a appropriate pan size to be used effectively. The bottom size of the pan must be between the maximum and minimum diameter ① for proper cooking to occur.



Cooking Area	Heater		Diameter of Pan Bottom ①	
	Type	Size (inch)	Min.	Max.
①	Induction	8	4.8 inch (122 mm)	9.2 inch (224 mm)
②	Induction	11	6.6 inch (168 mm)	11.3 inch (287 mm)
③	Induction	6	3.5 inch (89 mm)	7.0 inch (178 mm)
④	Induction	6	3.5 inch (89 mm)	7.0 inch (178 mm)
⑤	Warm	6	-	-

The pan must make full contact with the glass surface without the bottom of the pan touching the metal cooktop trim.



If the correct induction cookware—centered on any of the active cooking elements—is too small, the affected cooking element's LED bar fluctuates and the pan does not heat.

Cookware Heating Indicator Level

The cookware heating indicator level shows how efficiently the cookware will heat on the induction cooktop elements.

- 1 Turn off all cooktop elements in use.
- 2 Put enough water in the cookware to cover the bottom. Place the cookware on the center of the desired cooktop element.
 - Select an element that is appropriate for the size of the cookware.
- 3 Set the power level on the selected element to 10.
- 4 Press **Control Lock** and the desired cooktop element number at the same time for at least 3 seconds. The indicator level is shown on the display for 5 seconds.

CAUTION

- Turn off all cooktop elements before starting to avoid getting a false result.
- The indicator level is not available if more than two cooktop elements are in use.

NOTE

- The cookware heating indicator level is based on the manufacturer's internal standards and is for reference only.
- The indicator level may vary depending on the usage environment, power voltage and cookware temperature.
- The indicator level may vary from element to element even for the same type of cookware.
- For efficient cooking, use cookware with an indicator level of 9 or above.

Indicator Level	Heating Status
0 - 1	Bad
2 - 8	Poor
9 - 10	Good

- If the indicator level is low, check the base material, size and shape of the cookware. Cookware with a low indicator level, even if it has an IH mark, may heat less efficiently or make noise when heated. This is normal, and the cookware can still be used safely.

Home Canning

CAUTION

- Canning can generate large amounts of steam. Use extreme caution to prevent burns. Raise the lid so that steam is vented away from you. Safe canning requires that harmful micro-organisms are destroyed and jars are sealed completely. When using a water bath canner, maintain a gentle but steady boil for the required time.

Read and observe the following precautions when home canning. Read the information on the USDA (United States Department of Agriculture) website and follow the recommendations there for home canning procedures.

- Use only quality, flat-bottomed canners when home canning. Use a ruler to check the bottom of the canner for flatness.
- Canners with ridges that radiate from the bottom center are not suitable for use on a ceramic glass cooktop.
- The diameter of the canner should not exceed the maximum cooking element markings by more than one inch. Use smaller diameter canners on ranges with ceramic-glass or open-coil-electric cooktops.
- Start with hot tap water to boil water more quickly. Bring water to an initial boil using the

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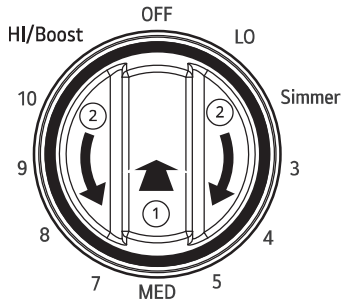
highest heat setting. Once the water is boiling, reduce the heat as much as possible while maintaining the boil.

- It is best to can small amounts and keep the canner light enough to lift.
- Do not leave the water bath or pressure canners on high heat for extended periods.
- Alternate surface elements between each batch to allow the elements and surrounding surfaces to cool down. Do not can using the same element all day.

Using the Cooking Elements

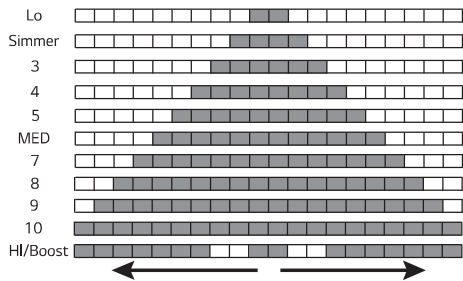
Turning On Cooking Elements (Except Warming Zone)

- 1 Push the control knob in.
- 2 Turn the knob in either direction to select the desired setting. A short beep sounds and the cooking element's LED bar shows its current setting.



Cooking Element LED Bar

The range provides an LED bar for each cooking element on the cooktop. Check messages in the display window and use the LEDs with the corresponding control knobs to monitor the power levels of the elements.



Boost Power Level

Boost mode is only available immediately after activating a cooking element. When the cooking element is set to the **Boost** mode, the LED bar flashes and the **Boost** mode stays in operation for up to 10 minutes. After 10 minutes, the cooking element automatically returns to the Hi setting.

Hot Surface Indicator

The hot surface indicator light glows as long as any surface cooking area is too hot to touch.

It remains on after the element is turned off and until the surface has cooled to approximately 130 °F.

It is normal for the surface elements to cycle on and off when cooking at lower temperature settings.

The Recommended Surface Cooking Setting

Start most surface cooking on a higher setting and then adjust to a lower setting to finish cooking.

The suggested settings may need adjustments, depending on cookware design and quality and on the amount of food being prepared.

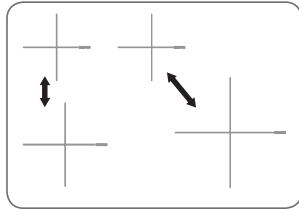
Use quality cookware that is constructed with a magnetic base material and that meets the minimum and maximum pan size requirements.

Setting	Recommended Use
Boost	<ul style="list-style-type: none"> • Use to heat a large amount of food or to bring large pans of water to a boil
10-HI	<ul style="list-style-type: none"> • Bring liquid to a boil • Start most cooking
MED-10	<ul style="list-style-type: none"> • Hold a rapid boil, fry, deep fat fry • Quickly brown or sear food • Steaks, cutlets, grilled meat
3-MED	<ul style="list-style-type: none"> • Maintain a slow boil • Fry or sauté foods • Cook soups, sauces and gravies • Eggs, pancakes
SIMMER-3	<ul style="list-style-type: none"> • Stew or steam food • Simmer
Lo-SIMMER	<ul style="list-style-type: none"> • Keep food warm • Melt chocolate or butter • Simmer

Power Management

The cooking zones, which consist of paired cooking elements, are restricted to drawing a certain maximum amount of power.

If you turn on the Boost function for one element while its paired element is in use, the Power Management function may automatically reduce the power of both elements. For consistent performance when using multiple elements, use elements in separate cooking zones.



NOTE

- If the combined heat of the oven and the surface burners is sufficiently high, the output of the surface burners is reduced to avoid damage to the product.
- Both elements in a set of paired elements cannot use the Boost mode at the same time. To use the Boost mode on two elements simultaneously, use non-paired elements.

Turning on the Warm Zone

CAUTION

- **FOOD POISON HAZARD** : Bacteria may grow in food at temperatures below 140 °F.
 - Always start with hot food. Do not use the warm setting to heat cold food.
 - Do not use the warm setting for more than 2 hours.

The Warm Zone, located in the back right of the glass surface, will keep hot, cooked food at serving temperature. Use the Warm Zone to keep food warm after it has already been cooked. Attempting to cook uncooked or cold food on the Warming Zone could result in a food-borne illness.

- 1 Push the **Warm Zone** element knob in.
- 2 Turn the knob in either direction to the desired setting.

For best results:

- When warming pastries or breads, leave an opening in the cover to allow moisture to escape.
- Do not use plastic wrap to cover food. Plastic may melt onto the surface and be very difficult to remove.
- Use only dishware, utensils and cookware that are recommended for oven and cooktop use.
- Food on the warmer should be kept in its container or covered with a lid or aluminum foil to maintain food quality.
- Do not allow aluminum foil to contact the hot induction cooktop surface.

If a particular food is not listed, start with the medium heat level and adjust as needed. Most foods can be kept at serving temperatures by using the medium heat level.

Setting	Food Item
Low (Lo-3)	<ul style="list-style-type: none"> • Vegetables • Rice • Pasta • Sugary sauces (tomato sauce, BBQ sauce)
Medium (3-7)	<ul style="list-style-type: none"> • Cream-based soups and sauces • Stews and chili • Warming empty plates or serving dishes
High (7-Hi)	<ul style="list-style-type: none"> • Broth-based soups • Hot beverages (hot cider, hot chocolate)

Oven

Before Using the Oven

NOTE

- Because the oven temperature cycles, an oven thermometer placed in the oven cavity may not show the same temperature that is set on the oven.
- It is normal for the convection fan to run while preheating during a regular bake cycle.
- The convection fan motor may run periodically during a regular bake cycle.

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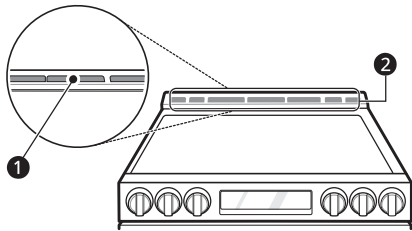
NOTE

- The heat turns off if the door is left open during baking. If the door is left open for longer than 30 seconds during baking, the heat turns off. The heat turns back on automatically once the door is closed.
- Avoid opening the oven door more than necessary during use. This helps the oven maintain temperature, prevents unnecessary heat loss, and saves on energy use.

Oven Vent

Areas near the vent may become hot during operation and may cause burns. Do not block the vent opening. Avoid placing plastics near the vent as heat may distort or melt the plastic.

It is normal for steam to be visible when cooking foods with high moisture content.



- ❶ Oven Vent
- ❷ Vent Trim

CAUTION

- The edges of the range vent are sharp. Wear gloves when cleaning the range to avoid injury.

Using Oven Racks

The racks have a turned-up back edge that prevents them from being pulled out of the oven cavity.

CAUTION

- Replace oven racks before turning the oven on to prevent burns.
- Do not cover the racks with aluminum foil, or any other material, or place anything on the bottom of the oven. Doing so will result in poor baking and may damage the oven bottom.
- Only arrange oven racks when the oven is cool.

Removing Racks

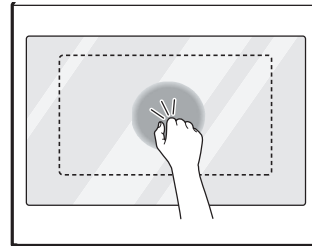
- 1 Pull the rack straight out until it stops.
- 2 Lift up the front of the rack and pull it out.

Replacing Racks

- 1 Place the end of the rack on the support.
- 2 Tilt the front end up and push the rack in.

Instaview

Knock twice on the center of the glass door panel to reveal the contents of the oven without opening the door.



CAUTION

- Do not hit the glass door panel with excessive force. Do not allow hard objects like cookware or glass bottles to hit the glass door panel. The glass could break, resulting in a risk of personal injury.

NOTE

- Knocking twice on the glass door panel turns the interior light on or off.
- The light turns off automatically after 90 seconds.
- The InstaView function is disabled when the oven door is opened and for one second after closing the door.
- The InstaView function is disabled during Self Clean, Control Lock / Lockout, and initial power input.
- Tapping the edges of the glass door panel may not activate the InstaView function.
- The taps on the glass door panel must be hard enough to be audible.
- Loud noises near the oven may activate the InstaView function.

Bake

Bake is used to prepare foods such as pastries, breads and casseroles.

The oven can be programmed to bake at any temperature from 170 °F (80 °C) to 550 °F (285 °C). The default temperature is 350 °F (175 °C).

Setting the Bake Function (For example, to bake at 375 °F)

- 1 Turn the oven mode knob to select **Bake**.
- 2 Set the oven temperature: Press **3, 7** and **5**.
- 3 Press **START**. The oven starts to preheat.

NOTE

- As the oven preheats, the temperature is displayed and rises in 5-degree increments. Once the oven reaches the set temperature, a tone sounds and the oven light blinks on and off.

- 4 When cooking is complete, turn the oven mode knob to the **OFF** position.
- 5 Remove the food from the oven.

NOTE

- It is normal for the convection fan to operate periodically throughout a normal bake cycle in the oven. This is to ensure even baking results.

Baking Tips

- Baking time and temperature will vary depending on the characteristics, size, and shape of the baking pan used.
- Check for food doneness at the minimum recipe time.
- Use metal bakeware (with or without a nonstick finish), heatproof glass-ceramic, ceramic or other bakeware recommended for oven use.
- Dark metal pans or nonstick coatings will cook food faster with more browning. Insulated bakeware will slightly lengthen the cooking time for most foods.
- The oven bottom has a porcelain-enamel finish. To make cleaning easier, protect the oven bottom from excessive spillovers by placing a cookie sheet on the rack below the rack you are

cooking on. This is particularly important when baking a fruit pie or other foods with a high acid content. Hot fruit fillings or other foods that are highly acidic may cause pitting and damage to the porcelain-enamel surface and should be wiped up immediately.

Convection Mode

The convection system uses a fan to circulate the heat evenly within the oven. Improved heat distribution allows for even cooking and excellent results while cooking with single or multiple racks.

Setting the Convection Function (For example, cooking at 375 °F)

- 1 Turn the oven mode knob to select **Conv. Bake** or **Conv. Roast**. The display flashes 350 °F.
- 2 Set the oven temperature: Press **3, 7** and **5**.
- 3 Press **START**. The display shows **Conv. Bake** or **Conv. Roast** and the starting temperature of the oven depends on the oven cavity temperature.
 - As the oven preheats, the display shows increasing temperatures in 5-degree increments. Once the oven reaches the set adjusted temperature, a tone sounds and the oven light flashes on and off. The display shows the auto-converted oven temperature, 350 °F, and the fan icon.
- 4 When cooking has finished or to cancel, turn the oven mode knob to the **OFF** position.

NOTE

- The oven fan runs while convection baking. The fan stops when the door is open. In some cases, the fan may shut off during a convection bake cycle.

Tips for Convection Baking

- Use Convection Bake for faster and more even multiple-rack cooking of pastries, cookies, muffins, biscuits, and breads of all kinds.
- Bake cookies and biscuits on pans with no sides or very low sides to allow heated air to circulate around the food. Food baked on pans with a dark finish will cook faster.

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- When using Convection Bake, place the oven racks in the positions suggested in the charts in this manual.
- Multiple oven rack cooking may slightly increase cook times for some foods.
- Cakes, cookies and muffins have better results when using multiple racks.

The Convection Roast feature is designed to give optimum roasting performance. Convection Roast combines cooking with the convection fan to roast meats and poultry. The heated air circulates around the food from all sides, sealing in juices and flavors. Foods are crispy brown on the outside while staying moist on the inside. Convection roasting is especially good for large tender cuts of meat, uncovered.

Tips for Convection Roasting

Use a *broiler pan and *grid when preparing meats for convection roasting. The broiler pan catches grease spills and the grid helps prevent grease splatters.

- 1 Place the oven rack in the recommended position.
- 2 Place the grid in the broiler pan.
- 3 Place the broiler pan on the oven rack.

NOTE

- * : Sold separately

CAUTION

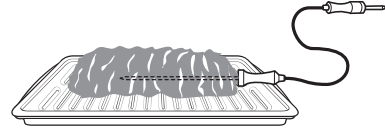
- Do not use a broiler pan without a grid.
- Do not cover the grid with aluminum foil.
- Position food (fat side up) on the grid.

Meat Probe

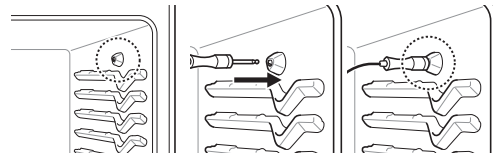
The meat probe accurately measures the internal temperature of meat, poultry and casseroles. It should not be used during broiling, self clean, warming, proofing, Frozen Meal or Air Sous-Vide. Always unplug and remove the meat probe from the oven when removing food. Before using, insert the probe into the center of the thickest part of the meat or into the inner thigh or breast of poultry, away from fat or bones. Place food in the oven and connect the meat probe to the jack. Keep the probe as far away from heat sources as possible.

Setting the Meat Probe Function (example for roast at 375 °F with probe temp. 160 °F)

- 1 Insert the meat probe into the meat.



- 2 Connect the meat probe to the jack.



- 3 The meat probe icon flashes in the display if the meat probe is properly connected.

Method

- 1 Select cook mode. Turn the oven mode knob to select **Conv. Roast**.
- 2 Set the oven temperature: touch **3**, **7** and **5** until 375 °F appears in the display.
- 3 Press **Start**.
- 4 Set the probe temperature: touch **1**, **6** and **0** until 160 °F appears in the display.
- 5 Press **Start**.

NOTE

- The default probe temperature is 150 °F (65 °C), but can be changed to any temperature between 80 °F (27 °C) and 210 °F (100 °C). The display shows the changing probe temperature. When the set probe temperature is reached, the oven shuts off automatically.

Changing the Probe Temperature

- 1 Press **Temp**.
- 2 Set the oven temperature.
- 3 Press **Start**.

4 Set the probe temperature.

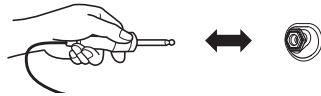
5 Press **Start**.

IMPORTANT NOTE

Turn the oven mode knob to the **OFF** position to cancel the Meat Probe function at any time. To avoid breaking the probe, make sure food is completely defrosted before inserting.

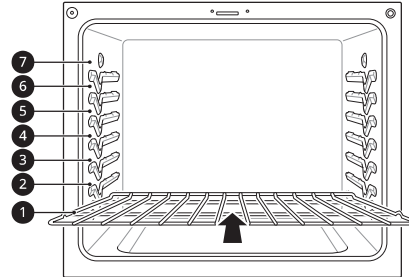
CAUTION

- Always use an oven mitt to remove the temperature probe. Do not touch the broil element. Failure to obey this caution can result in severe personal injury.
- To avoid damage to the meat probe, do not use tongs to pull on the probe when removing it.
- Do not store the meat probe in the oven.
- Do not pull the wire to remove the probe. Hold the probe head, not the wire, when inserting or removing the probe.



Multiple-rack cooking saves time and energy. Whenever possible, cook foods requiring the same cooking temperature together in one oven.

Rack and Pan Placement



Multiple rack baking	
Heavy duty rack (Position 2)	Heavy duty rack (Position 5)

Single rack baking
Heavy duty rack

Recommended Probe Temperature

Beef, Lamb and Veal

- Rare: 130 °F (54 °C)
- Medium Rare: 140 °F (60 °C)
- Medium: 150 °F (66 °C)
- Well Done: 160 °F (71 °C)

Pork

Well Done: 170 °F (77 °C)

Poultry

- Breast, Well Done: 170 °F (77 °C)
- Thigh, Well Done: 180 °F (82 °C)
- Stuffing, Well Done: 165 °F (74 °C)

Recommended Baking and Roasting Guide

Baking results will be better if baking pans are centered in the oven as much as possible. If cooking on multiple racks, place the oven racks in the positions shown.

Baking Rack Guide

Food		Rack position
Cakes	Layer cakes	2
	Bundt cakes	3
	Angel food cake	3
Cookies	Sugar cookies	4
	Chocolate chips	4
	Brownies	4
Pizza	Fresh	3
	Frozen	3
Pastry Crust	From scratch	4
	Refrigerated	4
Breads	Biscuit, canned	5
	Biscuit, from scratch	5
	Muffins	4

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Food		Rack position
Desserts	Fruit crisps and cobblers, from scratch Pies, from scratch, 2-crust fruit	4
Custards	Cheesecake, crème brûlée	2
Soufflés	Sweet or savory	2
Casserole	Frozen lasagna	4

Roasting Rack Guide

Food		Rack position
Beef	Rib	Rare Medium Well done
	Boneless rib, top sirloin	Rare Medium Well done
	Beef tenderloin	Rare Medium
Pork	Rib	2
	Bone-in, sirloin	2
	Ham, cooked	2
Poultry	Whole chicken	2
	Chicken pieces	2
	Turkey	2

Broil

The Broil function uses intense heat from the upper heating element to cook food. Broiling works best for tender cuts of meat, fish, and thinly cut vegetables.

Some models may feature a hybrid broiler consisting of an inner broiler that utilizes a carbon heating element which provides instantaneous heat, and a traditional outer broiling element. During normal broiler operation, it is normal for either element to cycle off intermittently.

CAUTION

- Do not use a broiler pan without a grid. Oil can cause a grease fire.
- Do not cover the grid and broiler pan with aluminum foil. Doing so will cause a fire.

- Always use a broiler pan and grid for excess fat and grease drainage. This will help to reduce splatter, smoke, and flare-ups.
- When using your broiler, the temperature inside the oven will be extremely high. Take care to avoid possible burns by:
 - Keeping the door closed when broiling
 - Always wearing oven mitts when inserting or removing food items

NOTE

- This range is designed for closed-door broiling. Close the door to set the Broil function. If the door is open, the Broil function cannot be set and "door" appears on the display. Close the door and reset the Broil function. Opening the door turns off the broil burner during broiling. If the door is opened during broiling, the broil burner turns off after five seconds. The broiler turns back on automatically once the door is closed.

Setting the Oven to Broil

- 1 Turn the oven mode knob to select **Broil**.
 - Press **1** to set **Hi** or press **2** to set **Lo**.
- 2 Press **START**. The oven begins to heat.
- 3 Let the oven preheat for approximately five minutes before cooking the food if using **Broil**.
- 4 Turn the oven mode knob to the **OFF** position to cancel at any time or when cooking is complete.

Tips for Reducing Smoke

Due to the intense heat associated with broiling, it is normal to experience smoke during the cooking process. This smoke is a natural byproduct of searing and should not cause you to worry. If you are experiencing more smoke than you are comfortable with, use the following tips to reduce the amount of smoke in your oven.

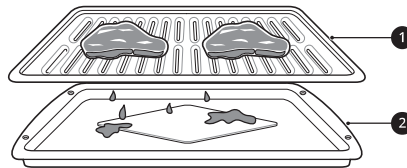
- Always use a broiler pan. Do not use saute pans or regular baking sheets for safety reasons.
- The broiler pan should always be thoroughly cleaned and at room temperature at the beginning of cooking.

- Always run your cooktop ventilation system or vent hood during broiling.
- Keep the interior of your oven as clean as possible. Leftover debris from prior meals can burn or catch fire.
- Avoid fatty marinades and sugary glazes. Both of these will increase the amount of smoke you experience. If you would like to use a glaze, apply it at the very end of cooking.
- If you are experiencing significant smoke with any food item, consider:
 - Lowering the broiler to the **Lo** setting.
 - Lowering the rack position to cook the food farther away from the broiler.
 - Using the **Hi** broil setting to achieve the level of searing you desire, and then either switching to the **Lo** broil setting, or switching to the Bake function.
- As a rule, fattier cuts of meat and fish will produce more smoke than leaner items.
- Adhere to the guidelines in the **Recommended Broiling Guide** section whenever possible.

Recommended Broiling Guide

The size, weight, thickness, starting temperature, and your preference of doneness will affect broiling times.

This guide is based on meats at refrigerator temperature. For best results when broiling, use a pan designed for broiling.



- ❶ Grid (sold separately)
- ❷ Broiler Pan (sold separately)

Food	Quantity and/or Thickness	Rack Position	First Side (min.)	Second Side (min.)	Comments
Hamburgers	9 patties 1/2 to 3/4" thick	7	3-6	2-4	Space evenly. Up to 9 patties may be broiled at once.
Chicken	1 whole, 2 to 2 1/2 lbs., split lengthwise	5	8-10	4-6	Broil skin-side-down first.
	2 Breasts	5	8-10	5-7	
Toast	1 to 9 pieces	7	0.5-1	0.5	
Beef Steaks	1" thick 1 to 1 1/2 lbs.	Rare	7	3-5	Steaks less than 1" thick cook through before browning. Pan frying is recommended. Slash fat.
		Medium	7	4-6	
		Well done	7	5-7	
	1 1/2" thick 2 to 2 1/2 lbs.	Rare	5	7-9	
		Medium	5	9-11	
		Well done	5	11-13	

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Food	Quantity and/or Thickness	Rack Position	First Side (min.)	Second Side (min.)	Comments
Lobster Tails	2-4 10 to 12 oz. each	5	9-12	Do not turn over	Cut through back of shell. Spread open. Brush with melted butter before broiling and after half of broiling time.
Fish Fillets	1/4 to 1/2" thick	6	2-4	2-4	Handle and turn very carefully. Brush with lemon butter before and during cooking, if desired.
Ham Slices (precooked)	1/2" thick	5	2-4	2-4	Increase time 5 to 10 minutes per side for 1 1/2" thick or home-cured ham.
Pork Chops Well done	2 (1/2" thick)	6	3-6	4-7	
	2 (1" thick) about 1 lb.	5	5-8	5-8	
Lamb Chops	2 (1" thick) about 10 to 12 oz.	Medium	6	3-5	2-5
		Well done	6	5-7	4-7
	2 (1 1/2" thick) about 1 lb.	Medium	6	7-9	7-9
		Well done	6	9-11	7-9
Salmon Steaks	2 (1" thick)	5	8-10	3-5	Grease pan. Brush steaks with melted butter.
	4 (1" thick) about 1 lb.	5	9-11	4-6	

- This guide is only for reference. Adjust cook time according to your preference.
- Do not use the gliding rack in position 7.

NOTE

- The USDA advises that consuming raw or undercooked fish, meat, or poultry can increase your risk of food-borne illness.
- The USDA has indicated the following as safe minimum internal temperatures for consumption:
 - Ground beef: 160 °F (71.1 °C)
 - Poultry: 165 °F (73.9 °C)
 - Beef, veal, pork, or lamb: 145 °F (62.8 °C)
 - Fish / Seafood: 145 °F (62.8 °C)

Tips for Broiling

- **Beef**
 - Steaks and chops should always be allowed to rest for five minutes before being cut into and eaten. This allows the heat to distribute evenly through the food and creates a more tender and juicy result.
 - Pieces of meat that are thicker than two inches should be removed from the refrigerator 30 minutes prior to cooking. This will help them cook more quickly and evenly, and will produce less smoke when broiling. Cooking times will likely be shorter than the times indicated in the Broiling Chart.

- For bone-in steaks or chops that have been frenched (all meat removed from around the bone), wrap the exposed sections of bone in foil to reduce burning.
- **Seafood**
 - When broiling skin-on fish, always use the Lo broil setting and always broil the skin side last.
 - Seafood is best consumed immediately after cooking. Allowing seafood to rest after cooking can cause the food to dry out.
 - It is a good idea to rub a thin coating of oil on the surface of the broiling pan before cooking to reduce sticking, especially with fish and seafood. You can also use a light coating of non-stick pan spray.
- **Vegetables**
 - Toss your vegetables lightly in oil before cooking to improve browning.

Proof

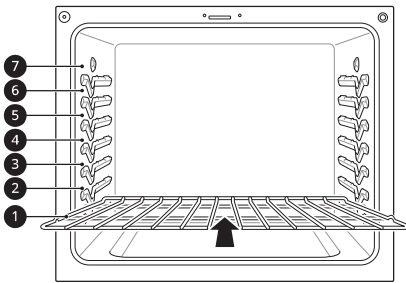
This feature maintains a warm oven for rising yeast-leavened products before baking. (Set temperature: 92 °F)

when the oven is above 125 °F. **Hot** shows in the display.

- It is normal for the fan to operate during the Proof function.

Setting the Proof Function

- 1 Use rack position ② or ③ for proofing.



- 2 Turn the oven mode knob to select **Proof/Warm** until **Proof** appears in the display.
- 3 Press **1** to set Proof.
- 4 Press **START**.
- 5 Turn the oven mode knob to the **OFF** position when proofing is finished.

Warm

This function maintains an oven temperature of 170 °F. It will keep cooked food warm for serving up to 3 hours after cooking has finished. The Warm function may be used without any other cooking operations or can be used after cooking has finished using a Timed Cook or a Delayed Timed Cook.

Setting the Warm Function

- 1 Turn the oven mode knob to select **Proof/Warm** until **Proof** appears in the display.
- 2 Press **2** to set **Warm**.
- 3 Press **START**.
- 4 To cancel the Warm function, turn the oven mode knob to the **OFF** position.

NOTE

- To avoid lowering the oven temperature and lengthening proofing time, do not open the oven door unnecessarily. Check bread products early to avoid over proofing.
- Do not use the Proofing mode for warming food or keeping food hot. The proofing oven temperature is not hot enough to keep foods at safe temperatures. Use the Warm feature to keep food warm. Proofing does not operate

NOTE

- The Warm function is intended to keep food warm. Do not use it to cool food down.
- It is normal for the fan to operate during the Warm function.
- The Warm function will be maintained for up to 3 hours unless the oven mode knob is turned to the **OFF** position.

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Keep Warm

This function maintains an oven temperature of 170 °F. The Keep Warm function will keep cooked food warm for serving up to 3 hours after cooking has finished. The Keep Warm function should be used with any other cooking operations. The Keep Warm function can be used after cooking has finished using a Timed Cook or a Delayed Timed Cook.

Setting the Keep Warm Function after a Timed Cook

- 1 Select the **Bake, Conv. Bake, Conv. Roast, Broil, Air Fry, or Frozen Meal** cooking mode.
- 2 Set the temperature.
- 3 Press **Cook Time** and enter the cook time using the number buttons.
- 4 Press **Keep Warm**. Press **START**.
- 5 To cancel the Keep Warm function, turn the oven mode knob to the **OFF** position.

NOTE

- You can also activate the Keep Warm function while operating some cook modes.
- The Keep Warm function will be maintained for up to 3 hours unless you turn the oven mode knob to the **OFF** position.

Air Fry

This feature automatically increases the entered temperature by 50 °F for optimal performance when using Air Fry.

The Air Fry function is specially designed for oil-free frying.

Setting the Air Fry Function

- 1 Turn the oven mode knob to select **Air Fry**. 400 °F appears in the display.
- 2 Set the oven temperature. (Range: 300 °F ~ 550 °F)
- 3 Press **START**.

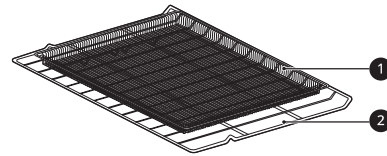
- 4 When cooking is complete, turn the oven mode knob to the **OFF** position.

NOTE

- No preheating is required when using the Air Fry mode.
- If cooking multiple batches, the later batches may take less time to cook.
- Wet batters and coatings will not crisp or set when using the Air Fry mode.

Tips for Air Fry

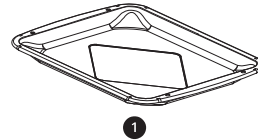
- For best results, use the provided air fry tray.
 - The mesh section of the air fry tray can be cleaned in a dishwasher.



① Air Fry Tray

② Heavy Duty Rack

- If you don't have the air fry tray, place food on a wire rack inside a foil-lined broiler pan.



① Broiler Pan (sold separately)

- For best results, cook food on a single rack placed in positions suggested in the chart in this manual.
- Spread the food out evenly in a single layer.
- Use either the provided air fry tray or a dark baking tray with no sides or short sides that does not cover the entire rack. This allows for better air circulation.
- If desired, spray the baking tray or air fry tray with a pan spray. Use an oil that can be heated to a high temperature before smoking, such as avocado, grapeseed, peanut or sunflower oil.
- Place a foil-lined baking tray on a rack in position 1 to catch the oil falling from the food. For high-fat foods like chicken wings, add a few sheets of parchment paper to absorb the fat.
- Check food often and shake it or turn it over for crisper results.
- Prepared frozen foods may cook faster with the Air Fry mode than stated on the package.

- Reduce the cooking time by about 20 percent, check food early, and adjust cooking time as needed.
- Use a food thermometer to make sure food has reached a safe temperature for consumption. Eating undercooked meats can increase your risk of food-borne illness.
- For the crispiest results, dredge fresh chicken wings or tenders in seasoned flour. Use 1/3 cup flour for 2 pounds of chicken.

Recommendations When Air Frying High-Fat Foods

Foods high in fat will smoke when using the Air Fry mode. For best results, follow these recommendations when air frying foods that are high in fat, such as chicken wings, bacon, sausage, hot dogs, turkey legs, lamb chops, ribs, pork loin, duck breasts, or some plant-based proteins.

CAUTION

- Never cover slots, holes, or passages in the oven bottom or cover entire racks with materials such as aluminum foil. Doing so blocks airflow through the oven and can result in carbon monoxide poisoning. Aluminum foil can also trap heat, causing a fire hazard or poor oven performance.
- Clean the grease filters on your exhaust hood regularly.

- Turn on your exhaust hood at a high fan setting before you start Air Fry and leave it on for 15 minutes after you're done.
- Open a window or sliding glass door, if possible, to make sure the kitchen is well-ventilated.
- Keep the oven free from grease buildup. Wipe down the interior of the oven before and after air frying (once the oven has cooled).
- Run oven cleaning cycles (Easy Clean or SelfClean) regularly, depending on how often and what types of food you Air Fry.
- Avoid opening the oven door more than necessary to help maintain the oven temperature, prevent heat loss, and save energy.
- Air-frying fresh chicken pieces such as wings or drumsticks with the skin left on can produce smoke as the fat renders at high temperatures. If the smoke is excessive, use the Convection Roast mode instead of Air Fry.

Recommended Air Frying Guide

- Arrange food evenly in a single layer.
 - Put a foil-lined baking pan on a rack in position 1 to catch drips. If needed, add parchment paper to absorb oil and reduce smoking.
 - Flip food over during cooking to avoid burning it.
- † High-fat items may produce more smoke when cooked using Air Fry. For less smoke, cook using Convection Roast mode.

Recommended Items	Quantity (oz)	Temp. (°F)	Rack Position	Time	Guide
POTATOES-Frozen					
Frozen French Fries (Shoestring)	20	425	4	20-30	
Frozen French Fries (Crinkle cut, 3/4" or 10 mm)	35	425	4	25-35	
Frozen Sweet Potato Fries	25	425	4	20-35	
Frozen Tater Tots	50	450	4	22-32	
Frozen Hash Browns	40	450	4	25-35	
POTATOES-Fresh/Homemade					

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Recommended Items	Quantity (oz)	Temp. (°F)	Rack Position	Time	Guide
Homemade French Fries (3/4" x 3/4" or 10 x 10 mm)	25	450	4	27-37	Cut the potatoes and soak for 30 minutes in hot tap water. Drain and pat dry. Brush or lightly spray with 3 tbsp. of oil. Add salt and pepper to taste.
Homemade Potato Wedges	60	450	4	30-40	
CHICKEN-Frozen					
Frozen Chicken Nuggets, Crispy	30	425	4	15-25	
Frozen Chicken Strips	35	425	4	30-40	
Frozen Hot Wings, Bone-in	50	425	4	30-40	
CHICKEN-Fresh, Skin on					
Fresh Chicken Wings [†]	40	450	4	30-35	Brush or lightly spray with 1 tbsp. of oil. Add salt and pepper to taste.
Fresh Chicken Drumsticks [†]	70	450	4	35-45	
Thighs	40	450	4	30-35	
Breasts	40	450	4	30-35	
OTHER					
Frozen Onion Rings, Breaded	20	425	4	20-30	
Frozen Spring Rolls (0.7 oz each)	45	425	4	25-35	
Thin Sausage (2.5 oz each, diameter 0.8")	90	425	4	25-35	
Frozen Coconut Shrimp	25	425	4	30-40	Brush or lightly spray the surface of food with oil.
Fresh Scallops on the half shell (35.3 oz)	35	425	4	20-30	Melt 4 tbsp. of butter and brush on scallops. Mix 1/2 cup bread crumbs, 1 tbsp. minced garlic, 1/4 cup grated parmesan cheese and season to taste. Sprinkle mixture over scallops.
Fresh Shrimp	50	425	4	25-35	
Mixed Vegetables	35	450	4	17-28	Brush or lightly spray with 4 tbsp. of olive oil. Add salt and pepper to taste.

Air Sous-Vide

Air Sous-Vide cooking uses air to cook foods "low and slow." Use it to cook meat, fish, seafood,

poultry or vegetables. Food must be vacuum packed in pouches before cooking.

- It is not necessary to preheat the oven when using Air Sous-Vide.
- Refer to the cooking guide for recommended Air Sous-Vide settings.

Benefits of Air Sous-Vide

The lower temperatures and long cooking times used in Air Sous-Vide cooking provide many benefits.

- Healthier
 - Compared to other cooking methods, Air Sous-Vide retains most of the original nutrients in food.
- Safe and Convenient
 - The long cooking times used in Air Sous-Vide cooking allow food to be pasteurized. Because food is vacuum packed before cooking, the unopened pouches can be quickly chilled in an ice bath and stored in the freezer or refrigerator after cooking.
- Crisp and Moist Results
 - The fine temperature control of Air Sous-Vide cooking is an excellent way to achieve the

perfect texture when cooking meat and poultry. The low temperatures used retain more of the moisture in food than conventional cooking methods. After cooking, a final sear in a frying pan adds the perfect crisp finish.

Setting Air Sous-Vide Mode

- 1 Place the heavy duty rack in position 3 and place the sealed food bag on it.
- 2 Turn the oven mode knob to select **Air Sous-Vide** mode.
- 3 Set the desired oven temperature. (Range: 100 °F ~ 205 °F)
- 4 Press **START**.
- 5 Once cooking is finished, allow the oven to cool completely.

Recommended Air Sous-Vide Guide

Food	Quantity (oz)	Temp. (°F)	Time		
			Min	Target	Max
Beef steak	1" thick 14.1-17.6 oz	135	-	2.5 hr.	3 hr.
Chicken breast	4.2-5.3 oz	145	-	2.5 hr.	3 hr.
Salmon	1" thick 7 oz	130	-	2 hr.	2.5 hr.
Asparagus	2.8 oz / 6 ea 5.6 oz / 12 ea	185	20 min.	30 min.	45 min.

Frozen Meal

The Frozen Meal function is specially designed for cooking frozen prepared meals. It heats from both the top and bottom to brown food more evenly.

This system is designed to give the optimum cooking performance by automatically selecting a combination of the broil and bake heating systems. No preheating is required when using the Frozen Meal mode. For best results with frozen pizza, cook food on a single rack placed in position 4 at 400 °F.

Setting the Frozen Meal Function

- 1 Turn the oven mode knob to select **Frozen Meal**. **Frozen** appears in the display.
- 2 Set the suggested cook temperature from the packaging using the number buttons.
- 3 Press **START**. The Frozen Meal function starts operation.

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- 4** When cooking is complete, turn the oven mode knob to the **OFF** position.

NOTE

- To cancel the Frozen Meal function during use, turn the oven mode knob to the **OFF** position at any time.

Remote Start

This feature starts preheating and maintains the temperature for up to 12 hours (including preheating time). The appliance must be connected to a home Wi-Fi network to use Remote Start. Once Remote Start is selected on the appliance, you can start or stop it remotely using the LG ThinQ smartphone app. Follow the instructions in the Smart Functions section to connect the appliance to the network.

Setting Remote Start

- 1** Open the oven door to make sure the oven is ready for pre-heating. Close the oven door.
- 2** Turn the oven mode knob to select **Remote Start**.
- 3** When **ON** appears in the display, the Remote Start function is ready to use.
- 4** Follow the instructions in the smartphone app to set the cook mode, temperature, and run time (preheating time plus holding time).

NOTE

- Remote Start may not start if
 - The appliance is not connected to the Wi-Fi network and/or **OFF** appears in the display.
 - Remote Start is not set up in the smartphone app.
 - The oven door is open. If the oven door is open, a short beep sounds.

oven function buttons and cooktop knobs are inactive. **5b** will appear in the display.

- 1** Disconnect the probe. The probe function is not available in Sabbath mode.
- 2** Turn the oven mode knob to select **Bake**.
- 3** Set the desired temperature and cook time.
- 4** Press **START**.
- 5** Press and hold **Settings** for three seconds. **5b** appears in the display when the Sabbath mode is activated.



- 6** To stop the Sabbath mode, press and hold **Settings** for three seconds. To cancel the Bake function, set the oven mode knob to the **OFF** position at any time.

NOTE

- Sabbath mode is only available when oven is in **Bake** mode.
- If a cook time is set, the oven turns off automatically at the end of the cook time, without chiming. The oven remains in Sabbath mode, but is turned off.
- If no cook time is set, the oven will not automatically turn off.
- After a power failure, the display will turn back on in Sabbath mode, but the oven will be off.
- Always close the oven door before engaging Sabbath mode.

Using the Sabbath Mode

Sabbath mode is typically used on the Jewish Sabbath and Holidays. When the Sabbath mode is activated, the oven does not turn off until the Sabbath mode is deactivated. In Sabbath mode, all

SMART FUNCTIONS

LG ThinQ Application

This feature is only available on models with Wi-Fi.

The **LG ThinQ** application allows you to communicate with the appliance using a smartphone.

LG ThinQ Application Features

- **Smart Diagnosis™**
 - This function provides useful information for diagnosing and solving issues with the appliance based on the pattern of use.
- **Settings**
 - Allows you to set various options on the oven and in the application.
- **Scan to Cook**
 - Scan the barcode on a ready-made meal using the LG ThinQ application and send the recommended or customized cooking instructions straight to your oven. **Remote Start** must be activated on the oven to use Scan to Cook.
- **Monitoring**
 - This function helps you check the current status, remaining time, cook settings and end time in one place.
- **Product Notifications**
 - Turn on the Push Alerts to receive appliance status notifications. The notifications are triggered even if the **LG ThinQ** application is not open.
- **Timer**
 - You can set the timer from the application.
- **Firmware Update**
 - Keep the appliance updated.

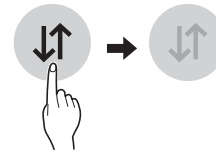
NOTE

- If you change your wireless router, Internet service provider, or password, delete the connected appliance from the **LG ThinQ** application and connect it again.
- This information is current at the time of publication. The application is subject to change for product improvement purposes without notice to users.
- Scan to Cook cannot be used while the timer is running. Cancel the timer operation to use Scan to Cook.

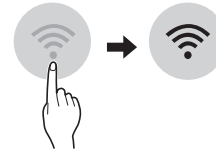
Before Using LG ThinQ Application

- 1 Use a smartphone to check the strength of the wireless router (Wi-Fi network) near the appliance.
 - If the appliance is too far from the wireless router, the signal becomes weak. It may take a long time to connect or fail to install the application.


- 2 Turn off the **Mobile data** or **Cellular Data** on your smartphone.



- 3 Connect your smartphone to the wireless router.



NOTE

- To verify the Wi-Fi connection, check that the  icon on the control panel is lit.
- The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.
- **LG ThinQ** is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The surrounding wireless environment can make the wireless network service run slowly.
- If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.
- The network connection may not work properly depending on the Internet service provider.
- The Wi-Fi may not connect or the connection may be interrupted because of the home network environment.

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NOTE

- If the appliance cannot be connected due to problems with the wireless signal transmission, unplug the appliance and wait about a minute before trying again.
- If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.
- The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)
- Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.
- If the security protocol of the router is set to **WEP**, network setup may fail. Change the security protocol (**WPA2** is recommended), and connect the product again.

Installing the LG ThinQ Application

Search for the **LG ThinQ** application from the Google Play Store or Apple App Store on a smartphone. Follow instructions to download and install the application.

Connecting to Wi-Fi

The **Wi-Fi** button, when used with the **LG ThinQ** application, allows the appliance to connect to a home Wi-Fi network. The  icon shows the status of the appliance's network connection. The icon illuminates when the appliance is connected to the Wi-Fi network.

• Initial Appliance Connection

Run the **LG ThinQ** application and follow the instructions in the application to connect the appliance.


• Reconnecting the Appliance or Connecting Another User

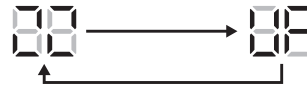
Press and hold the **Wi-Fi** button for 3 seconds. Run the **LG ThinQ** application and follow the instructions in the application to connect the appliance.

LG UP Feature

Experience new features by upgrading the product through the **LG ThinQ** app.

If an upgradable feature is available, an upgrade notification appears on the display and a melody sounds after cooking has finished or canceled.

For example, the lights on the display may light in sequence until  appears.



- 1 Upgrade notifications are sent to your smartphone when upgradable features are available.
- 2 Press the upgrade notification on your smartphone to enter the **LG Upgrade Center** in the **LG ThinQ** app.
- 3 In the **LG Upgrade Center**, select a new function and press the **Upgrade** button.
 - Do not unplug the product during the upgrade, as doing so may interrupt the upgrade process.
- 4 After the upgrade is complete, check the guide in the **LG ThinQ** app for detailed feature settings.

NOTE

- This feature is only available on some models.
- After the upgrade is complete, the actual product features may differ from those described in the owner's manual.

RF Module Specifications

Type	Frequency Range	Output Power (Max.)
Wi-Fi	2412 - 2462 MHz	< 30 dBm
Bluetooth	2402 - 2480 MHz	< 30 dBm

FCC Statement

This equipment generates and uses ISM frequency energy and if not installed and used properly, that is in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with limits for ISM Equipment pursuant to part 18 FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following:

- Reorient or relocate the receiving antenna of the radio or television.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibility of the user to correct such interference.

FCC Notice

The following notice covers the transmitter module contained in this product.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.



Open Source Software Notice Information

To obtain the source code that is contained in this product, under GPL, LGPL, MPL, and other open source licenses that have the obligation to disclose source code, and to access all referred license terms, copyright notices and other relevant documents, please visit <https://opensource.lge.com>.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

This offer is valid to anyone in receipt of this information for a period of three years after our last shipment of this product.

Smart Diagnosis™ Feature

This feature is only available on models with the  or  logo.

Use this feature to help you diagnose and solve problems with your appliance.

NOTE

- For reasons not attributable to LGE's negligence, the service may not operate due to external

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factors such as, but not limited to, Wi-Fi unavailability, Wi-Fi disconnection, local app store policy, or app unavailability.

- The feature may be subject to change without prior notice and may have a different form depending on where you are located.

NOTE

- For best results, do not move the phone while the tones are being transmitted.

Using LG ThinQ to Diagnose Issues

If you experience a problem with your Wi-Fi equipped appliance, it can transmit troubleshooting data to a smartphone using the **LG ThinQ** application.

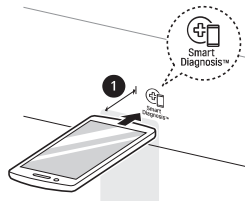
- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions provided in the **LG ThinQ** application.

Using Audible Diagnosis to Diagnose Issues

Follow the instructions below to use the audible diagnosis method.

- Launch the **LG ThinQ** application and select the **Smart Diagnosis** feature in the menu. Follow the instructions for audible diagnosis provided in the **LG ThinQ** application.

- 1 Press the **START** button for three seconds.
 - If the display has been locked, you must deactivate the lock and then reactivate it.
- 2 Hold the mouthpiece of your phone in front of the Smart Diagnosis logo located on the control panel.



1 Max: 3/8" (10 mm)

- 3 Keep the phone in place until the tone transmission has finished. The display will count down the time. Once the countdown is over and the tones have stopped, the diagnosis will be displayed in the application.

MAINTENANCE

Cleaning

CAUTION

- Do not clean this appliance with bleach.
- To prevent burns, wait until the cooktop has cooled down before touching any of its parts.
- Always wear gloves when cleaning the cooktop.

Interior

Do not use oven cleaners to clean the oven cavity. Use the product's **EasyClean** function regularly to clean light soil. For stubborn soil, use the **Self Clean** function (on some models) or clean manually using the following tips.

- A plastic spatula can be used as a scraper to scrape off any chunks or debris before and during oven cleaning.
- Using the rough side of a non-scratch scouring pad may help to take off burnt-on stains better than a soft sponge or towel.
- Certain non-scratch scrubbing sponges, such as those made of melamine foam, available at local stores, can also help improve cleaning.

CAUTION

- Do not use oven cleaners, harsh chemical cleaners, bleach, vinegar, steel scouring pads, or abrasive pads or cleansers to clean the oven, as they can permanently damage the oven surface.
- Do not clean the gasket.

Exterior

Control Panel

To prevent activating the control panel during cleaning, disconnect power to the appliance. Clean up splatters with a damp cloth using a glass cleaner. Remove heavier soil with warm, soapy water. Do not use abrasives of any kind.

Front Manifold Panel and Knobs

It is best to clean the manifold panel after each use of the range. For cleaning, use a damp cloth and mild soapy water or a 50/50 solution of vinegar and water. Rinse with clean water and polish dry with a soft cloth.

CAUTION

- Do not use abrasive cleansers, strong liquid cleaners, plastic scouring pads or oven cleaners on the manifold panel. Doing so will damage the finish.
- Do not try to bend the knobs by pulling them up or down, and do not hang a towel or other objects on them. This can damage the gas valve shaft.
- The control knobs may be removed for easy cleaning.
- To clean the knobs, make sure that they are in the **OFF** position and pull them straight off the stems.
- To replace the knobs, make sure the knob has the **OFF** position centered at the top, and slide the knob directly onto the stem.

NOTE

- To prevent scratching, do not use abrasive cleaners on any of these materials.

Painted and Decorative Trim

For general cleaning, use a cloth with hot soapy water. For more difficult soils and built-up grease, apply a liquid detergent directly onto the soil. Leave it on for 30 to 60 minutes. Rinse with a damp cloth and dry. Do not use abrasive cleaners.

Stainless Steel Surfaces

To avoid scratches, do not use steel wool pads.

- 1 Place a small amount of stainless steel appliance cleaner or polish on a damp cloth or paper towel.
- 2 Clean a small area, rubbing with the grain of the stainless steel if applicable.
- 3 Dry and buff with a clean, dry paper towel or soft cloth.
- 4 Repeat as necessary.

NOTE

- To clean the stainless steel surface, use warm sudsy water or a stainless steel cleaner or polish.

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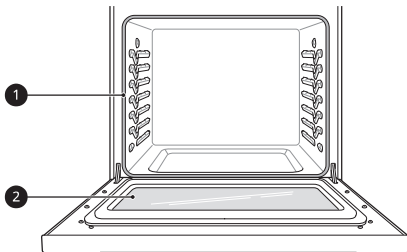
NOTE

- Always wipe in the direction of the metal surface finish.
- Stainless steel appliance cleaner or polish can be purchased online or from most retailers of appliances or home goods.

Oven Door

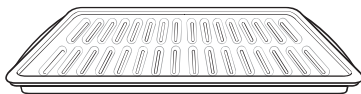
CAUTION

- Do not use harsh cleaners or harsh abrasive cleaning materials on the outside of the oven door. Doing so can cause damage.
- Use soapy water to thoroughly clean the oven door. Rinse well. Do not immerse the door in water.
- You may use a glass cleaner on the outside glass of the oven door. Do not spray water or glass cleaner on the door vents.
- Do not use oven cleaners, cleaning powders, or harsh abrasive cleaning materials on the outside of the oven door.
- Do not clean the oven door gasket. The oven door gasket is made of a woven material that is essential for a good seal. Care should be taken not to rub, damage, or remove this gasket.



- 1 Don't hand clean oven door gasket
- 2 Do hand clean door

Broiler Pan and Grid



- Do not store a soiled broiler pan or grid anywhere in the range.
- Do not clean the broiler pan or grid in a self cleaning mode.

- Remove the grid from the pan. Carefully pour out the grease from the pan into a proper container.
- Wash and rinse the broiler pan and grid in hot water with a soap-filled or plastic scouring pad.
- If food has burned on, sprinkle the grid with cleaner while hot and cover with wet paper towels or a dishcloth. Soaking the pan will remove burned-on foods.
- Both the broiler pan and grid may be cleaned with a commercial oven cleaner or in the dishwasher.

Oven Racks

Remove the oven racks before operating the Self Clean cycle and EasyClean.

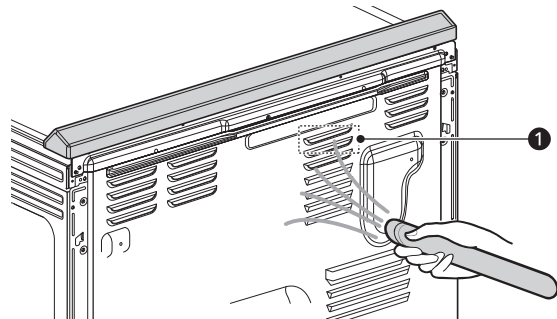
- 1 Clean with a mild, abrasive cleaner.
 - Food spilled into the tracks could cause the racks to become stuck.
- 2 Rinse with clean water and dry.

NOTE

- If the racks are cleaned using the Self Clean cycle (not recommended), the color will turn slightly blue and the finish will become dull. After the Self Clean cycle is complete, and the oven has cooled, rub the sides of the racks with wax paper or a cloth containing a small amount of oil. This will make the racks glide more easily into the rack tracks.

Vent Louvers

Use a vacuum cleaner with a brush or crevice attachment to clean the vent louvers ①. Do not remove the panel covering the range.



- The appearance of the range may differ from model to model.

Cooktop Surface

Glass-Ceramic Cooktop

⚠ WARNING

- To protect hands from burns, always wear oven mitts or use pot holders while using a scraper on the hot cooking surface.

⚠ CAUTION

- If any sugar or food containing sugar spills, or plastic or foil melts on the cooktop, remove the material IMMEDIATELY with a metal razor scraper while the cooking surface is still hot to avoid the risk of damage to the glass-ceramic surface. When used correctly, the scraper will not damage the cooktop surface.
- If water or food containing water spills, remove the spill IMMEDIATELY with a dry paper towel.
- Do not use scrub pads or abrasive cleaning pads. They may damage your cooktop surface.

Use ceramic cooktop cleaner on the glass cooktop. Other cleaners may not be as effective or may scratch, damage or stain the cooktop surface.

To maintain and protect the surface of the glass cooktop, follow these steps:

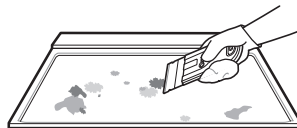
- 1** Before using the cooktop for the first time, clean it with a ceramic cooktop cleaner. This helps protect the top and makes cleanup easier.
- 2** Use ceramic cooktop cleaner daily to help keep the cooktop looking new.
- 3** Shake the cleaner well. Apply a few drops of cleaner directly to the cooktop.
- 4** Use a paper towel to clean the entire cooktop surface.
- 5** Rinse with clear water and use a dry cloth or paper towel to remove all cleaning residue.

NOTE

- Any damage or failure of the product resulting from the items below may not be covered under the LIMITED WARRANTY.
 - Sugary spillovers (such as preserves, ketchup, tomato sauce, jellies, fudge, candy, syrups, or chocolate) or melted plastics can cause pitting on the surface of your cooktop.
 - If food or water containing calcium (such as baking powder, wine, milk, spinach, or broccoli) is spilled on the cooktop, it can permanently stain or discolor the surface.

Burned-On Residue

- 1** While the cooktop is still warm, remove any burnt on deposits or spilled food from the glass-ceramic cooking surface with a suitable metal razor scraper.

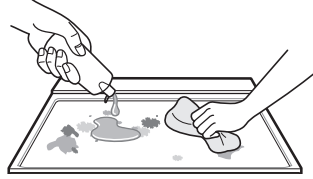


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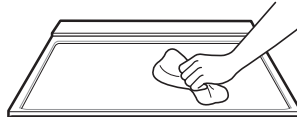
NOTE

- Do not use a dull or nicked blade.
- Hold the scraper at approximately a 30° angle to the cooktop.
- The razor scraper will not damage the markings on the cooking surface.

- When the cooking surface has completely cooled, apply a few dime-sized dabs of a glass-ceramic cooktop cleaner in each burner area. Spread the cleaner over the cooktop surface with a damp paper towel. Leave the cleaner on for 10 minutes before rinsing it off.









- Rinse with clean water and wipe the cooktop surface with a clean, dry paper towel.



Maintaining the Cooktop

CAUTION

- Do not use chlorine bleach, ammonia, or other cleaners not specifically recommended for use on glass-ceramic cooktops.
- Let your glass-ceramic cooking surface cool off before cleaning.

	Wipe off with a damp towel and mild detergent	Use a metal scraper	Apply cooktop cleaner. Rub with a towel.	Rinse with a damp towel, then wipe dry.
Regular (Recommended after each use)				
Occasional (Recommended every week)				
Thorough (Recommended for tough stains or burnt-on food)				

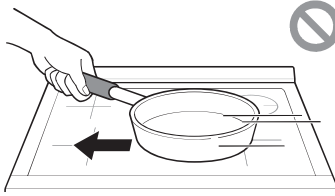
NOTE

- For additional product information, visit our website at www.lg.com

Metal Marks and Scratches

CAUTION

- Always use heavier gauge, high-quality cookware on the cooking elements and do not slide it on the ceramic cooktop surface. Even high-quality cookware can scratch the cooktop surface.



- Any cookware that has a rough or dirty bottom can mark and scratch the cooktop surface. Always start with clean cookware.
- Do not use cookware if there is foreign matter on the cooktop surface. Always clean the cooktop surface before cooking.

NOTE

- Any damage or failure of the product resulting from the items below may not be covered under the LIMITED WARRANTY.
 - Be careful not to slide pots and pans across the cooktop. Doing so will leave metal markings on the cooktop surface. To help remove these marks, use a ceramic cooktop cleaner with a cleaning pad for ceramic cooktops.
 - If pots with a thin overlay of aluminum or copper are allowed to boil dry, the overlay may leave a black discoloration on the cooktop. This should be removed immediately before heating again or the discoloration may be permanent.

EasyClean

LG's EasyClean enamel technology provides two cleaning options for the inside of the range. The EasyClean feature takes advantage of LG's new enamel to help lift soils without harsh chemicals, and it runs using ONLY WATER for just 10 minutes in low temperatures to help loosen LIGHT soils before hand cleaning.

While EasyClean is quick and effective for small and LIGHT soils, the Self Clean feature can be used to remove HEAVY, built up soils. The intensity and high heat of the Self Clean cycle may result in smoke which will require the opening up of windows to provide ventilation. Compared to the more intense Self Clean process, your LG oven gives you the option of cleaning with LESS HEAT, LESS TIME, and virtually NO SMOKE OR FUMES. You can reduce energy use by cleaning light oven soils with the EasyClean feature instead of Self Clean.

When needed, the range still provides the Self Clean option for longer, more thorough oven cleaning for heavier, built up soils.

- For hard to reach areas such as the back surface of the oven, it is better to use the Self Clean cycle.

Benefits of EasyClean

- Helps loosen light soils before hand-cleaning
- EasyClean only uses water; no chemical cleaners
- Makes for a better Self Clean experience
 - Delays the need for a Self Clean cycle
 - Minimizes smoke and odors
 - Can allow shorter Self Clean time

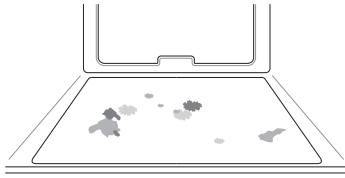
NOTE

- For models without Self Clean option
 - The EasyClean feature may not be effective in removing heavy, built-up soils. Because the range does not include a Self Clean option, clean the oven regularly using the EasyClean feature to prevent heavy, burnt-on soil from building up in the oven.

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When to Use EasyClean

- Example of oven soiling



Case 1

- Soil pattern: Small drops or spots
- Types of soils: Cheese or other ingredients
- Common food items that can soil your oven: Pizza

Case 2

- Soil pattern: Light splatter
- Types of soils: Fat/grease
- Common food items that can soil your oven: Steaks, broiled / Fish, broiled / Meat roasted at low temperatures

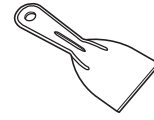
EasyClean Instruction Guide

NOTE

- Allow the oven to cool to room temperature before using the EasyClean cycle. If your oven cavity is above 150 °F (65 °C), Hot will appear in the display, and the EasyClean cycle will not be activated until the oven cavity cools down.
- The range should be level to ensure that the bottom surface of the oven cavity is entirely covered by water at the beginning of the EasyClean cycle.
- For best results, use distilled or filtered water. Tap water may leave mineral deposits on the oven bottom.
- Soil baked on through several cooking cycles will be more difficult to remove with the EasyClean cycle.
- Do not open the oven door during the EasyClean cycle. Water will not get hot enough if the door is opened during the cycle.

1 Remove oven racks and accessories from the oven.

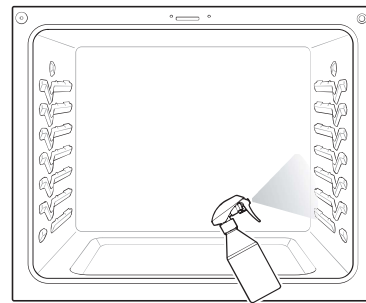
2 Scrape off and remove any burnt-on debris with a plastic scraper.



- Suggested plastic scrapers:
 - Hard plastic spatula
 - Plastic pan scraper
 - Plastic paint scraper
 - Old credit card

3 Fill a spray bottle (10 oz or 300 ml) with water and use the spray bottle to thoroughly spray the inside surfaces of the oven.

4 Use at least 1/5 (2 oz or 60 ml) of the water in the bottle to completely saturate the soil on both the walls and in the corners of the oven.



5 Spray or pour the remaining water (8 oz or 240 ml) onto the bottom center of the oven cavity. The indentation on the oven bottom should be fully covered to submerge all soils. Add water if necessary.

NOTE

- If cleaning multiple ovens, use an entire bottle of water to clean each oven. Do not spray water directly on the door. Doing so will result in water dripping to the floor.

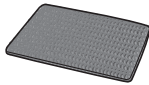
6 Close the oven door. Turn the oven mode knob to select **EasyClean**. Press **START**.

CAUTION

- Some surfaces may be hot after the EasyClean cycle. Wear rubber gloves while cleaning to prevent burns.

- During the EasyClean cycle, the oven becomes hot enough to cause burns. Wait until the cycle is over before wiping the inside surface of the oven. Failure to do so may result in burns.
- Avoid leaning or resting on the oven door glass while cleaning the oven cavity.

- 7** A tone will sound at the end of the 10 minute cycle. Turn the oven mode knob to the **OFF** position to clear the display and end the tone.
- 8** After the cleaning cycle and during hand-cleaning, enough water should remain on the oven bottom to completely submerge all soils. Add water if necessary. Place a towel on the floor in front of the oven to capture any water that may spill out during hand-cleaning.
- 9** Clean the oven cavity immediately after the EasyClean cycle by scrubbing with a wet, non-scratch scouring sponge or pad. (The scouring side will not scratch the finish.) Some water may spill into the bottom vents while cleaning, but it will be captured in a pan under the oven cavity and will not hurt the burner.



NOTE

- Do not use any steel scouring pads, abrasive pads or cleaners as these materials can permanently damage the oven surface.
- 10** Once the oven cavity is cleaned, wipe any excess water with a clean dry towel. Replace racks and any other accessories.
- 11** If some light soils remain, repeat the above steps, making sure to thoroughly soak the soiled areas.
- For models with Self Clean function
 - If stubborn soils remain after multiple EasyClean cycles, run the Self Clean cycle. Be sure that the oven cavity is empty of oven racks and other accessories, and that the oven cavity surface is dry before running the Self Clean cycle. Consult the Self Clean section of your owner's manual for further details. If a Self Clean option is

not available, scrape off and remove stubborn soil using a scraper.

NOTE

- If you forget to saturate the inside of the oven with water before starting EasyClean, turn the oven mode knob to the **OFF** position to end the cycle. Wait for the range to cool to room temperature and then spray or pour water into the oven and start another EasyClean cycle.
- The cavity gasket may be wet when the EasyClean cycle finishes. This is normal. Do not clean the gasket.
- If mineral deposits remain on the oven bottom after cleaning, use a cloth or sponge soaked in vinegar to remove them.
- It is normal for the fan to operate during the EasyClean cycle.
- Using commercial oven cleaners or bleach to clean the oven is not recommended. Instead, use a mild liquid cleanser with a pH value below 12.7 to avoid discoloring the enamel.

Self Clean

The Self Clean cycle uses extremely hot temperatures to clean the oven cavity. While running the Self Clean cycle, you may notice smoking or an odor. This is normal, especially if the oven is heavily soiled. During Self Clean, the kitchen should be well ventilated to minimize the odors from cleaning.

Before Starting Self Clean

- Clean only parts listed in manual. Remove the oven racks, broiler pan, broiler grid, all cookware, aluminum foil or any other material from the oven.
 - If oven racks are left in the oven cavity during the Self Clean cycle, they will discolor and become difficult to slide in and out.
- The kitchen should be well ventilated to minimize the odors from cleaning. Open a window or turn on a ventilation fan or hood before self-cleaning.
- Wipe any heavy spillovers on the bottom of the oven.
- Make sure that the oven light cover is in place and the oven light is off.
- Clean the frame of the oven and door with hot soapy water. Rinse well.

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! WARNING

- If the oven is heavily soiled with oil, self-clean the oven before using the oven again. The oil could cause a fire.
- If there is a fire in the oven during self-clean, turn the oven off and wait for the fire to go out. Do not force the door open. Introduction of fresh air at self-clean temperatures may lead to a burst of flame from the oven. Failure to follow this instruction may result in severe burns.

! CAUTION

- Do not use oven cleaners. Commercial oven cleaner or oven liner protective coating of any kind should not be used in or around any part of the oven.
- The oven displays an F error code and sounds three long beeps during the self-cleaning process if it malfunctions in the self-clean mode. Switch off the electrical power to the main fuse or breaker and have the oven serviced by a qualified technician.
- If the self cleaning mode malfunctions, turn the range off and disconnect the power supply. Have it serviced by a qualified technician.
- It is normal for parts of the oven to become hot during a Self Clean cycle. Avoid touching the cooktop, door, window or oven vent area during a Self Clean cycle.
- Do not leave small children unattended near the appliance. During the Self Clean cycle, the outside of the range can become very hot to the touch.
- If you have pet birds, move them to another well-ventilated room. The health of some birds is extremely sensitive to the fumes given off during the Self Clean cycle of any range.
- Do not line the oven walls, racks, bottom or any other part of the range with aluminum foil or any other material. Doing so will destroy 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).

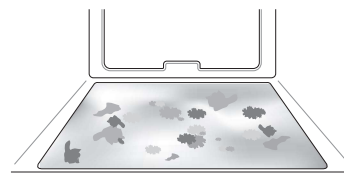
NOTE

- The oven light cannot be turned on during a Self Clean cycle. The oven light cannot be turned on until the oven temperature has cooled below 500 °F (260 °C) after a Self Clean cycle is complete.

- During the Self Clean cycle, the cooktop elements and warming drawer cannot be used.
- Clean the frame of the oven and door with hot soapy water. Rinse well.
- Do not clean the gasket. The fiberglass material of the oven door gasket cannot withstand abrasion. It is essential for the gasket to remain intact. If you notice it becoming worn or frayed, replace it.
- It is normal for the fan to operate during the Self Clean cycle.
- As the oven heats, you may hear sounds of metal parts expanding and contracting. This is normal and will not damage the oven.
- You may notice some white ash in the oven. Wipe it off with a damp cloth or a soap-filled steel wool pad after the oven cools. If the oven is not clean after one Self Clean cycle, repeat the cycle.
- If oven racks were left in the oven and do not slide smoothly after a Self Clean cycle, wipe racks and rack supports with a small amount of vegetable oil to make them glide more easily.
- After a Self Clean cycle, fine lines may appear in the porcelain because it went through heating and cooling. This is normal and will not affect performance.
- The Self Clean cycle cannot be started if the Control Lock / Lockout feature is active.
- If the clock is set for a 12-hour display (default) the Delayed Self Clean can never be set to start more than 12 hours in advance.
- After the oven is turned off, the convection fan keeps operating until the oven has cooled down.

When to Use Self Clean

- Example of oven soiling



Case 1

- Soil pattern: Medium to heavy splatter
- Types of soils: Fat/grease
- Common food items that can soil your oven: Meat roasted at high temperatures

Case 2

- Soil pattern: Drops or spots
- Types of soils: Filling or sugar based soils
- Common food items that can soil your oven: Pies

Case 3

- Soil pattern: Drops or spots
- Types of soils: Cream or tomato sauce
- Common food items that can soil your oven: Casseroles

NOTE


- The Self Clean cycle can be used for soil that has been built up over time.

Setting Self Clean

The Self Clean function has cycle times of 3, 4, or 5 hours.

Self Clean Setting Guide

Oven Cavity Soil Level	Number Button	Cycle Time
Lightly Soiled	1	3 hr.
Moderately Soiled	2	4 hr.
Heavily Soiled	3	5 hr.

- 1 Remove all racks and accessories from the oven.
- 2 Turn the oven mode knob to select **Self Clean**. The oven defaults to the recommended four-hour Self Clean for a moderately soiled oven. Press the desired number button to select a self clean time from 3 to 5 hours.
- 3 Press **START**.
- 4 Once the Self Clean cycle is set, the oven door locks automatically and the lock icon  displays. You will not be able to open the oven door until the oven has cooled. The lock releases automatically when the oven has cooled.

CAUTION

- Do not force the oven door open when the lock icon is displayed. The oven door remains locked

until the oven temperature has cooled. Forcing the door open will damage the door.

- Use care when opening the oven door after the Self Clean 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.

Setting Self Clean with a Delayed Start

- 1 Remove all racks and accessories from the oven.
- 2 Turn the oven mode knob to select **Self Clean**. The oven defaults to the recommended four-hour self clean for a moderately soiled oven. Press the desired number button to select a self clean time from 3 to 5 hours.
- 3 Press **Start Time**.
- 4 Set the time of day you would like the **Self Clean** to start by pressing numbers.
- 5 Press **START**.

NOTE

- It may become necessary to cancel or interrupt a Self Clean cycle due to excessive smoke or fire in the oven. To cancel the Self Clean function, turn the oven mode knob to the **OFF** position.

Removing/Assembling Lift-Off Oven Doors**Door Care Instructions**

Most oven doors contain glass that can break.

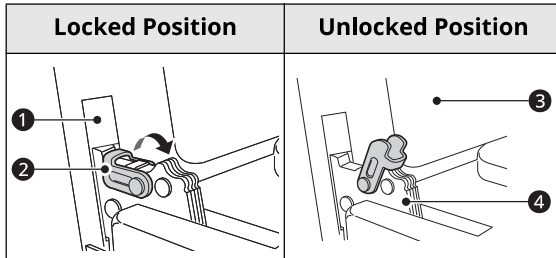
CAUTION

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

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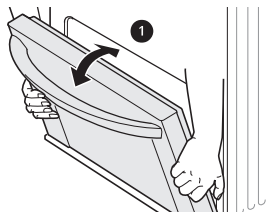
Removing Doors

- 1 Fully open the door.
- 2 Lift up the hinge lock ② and flip it towards the hinge arm ④ completely.



- ① Slot
- ② Hinge Lock
- ③ Oven Frame
- ④ Hinge Arm

- 3 Firmly grasp both sides of the door at the top.
- 4 Partially close the door to approximately 5 degrees ①. If the position is correct, the hinge arms will move freely.

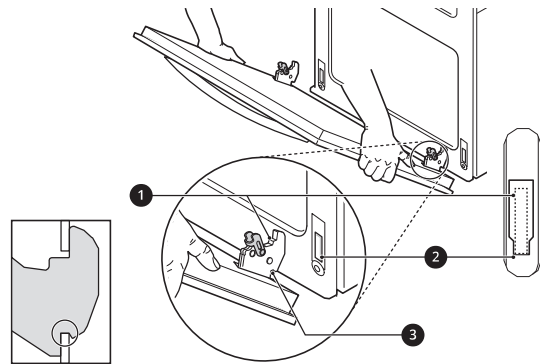


- ① about 5°

- 5 Lift and pull the door towards you until the hinge latches are completely loosened.

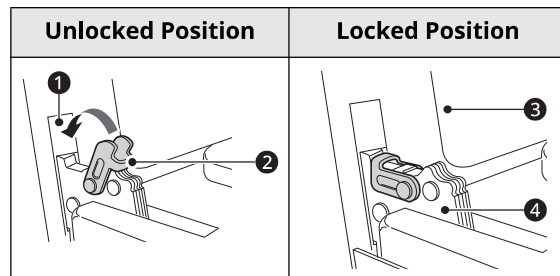
Assembling Doors

- 1 Firmly grasp both sides of the door at the top.
- 2 Fully insert the hinge arms ① into the slots ② until the indentations ③ on the hinge arms rest on the bottom edges of the slots.



- ① Hinge Arm
- ② Bottom Edge of Slot
- ③ Indentation

- 3 Slowly open the door fully. Make sure that the hinge arms are properly engaged in the slots.
- 4 Lift up the hinge lock ② and flip it towards the oven ③ until it clicks into position.



- ① Slot
- ② Hinge Lock
- ③ Oven Frame
- ④ Hinge Arm

- 5 Close the oven door.

Removing/Assembling Drawers

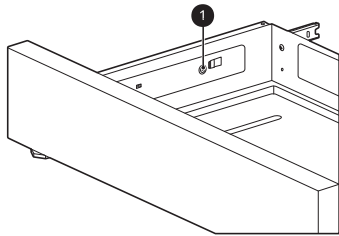
Removing Drawers

⚠ CAUTION

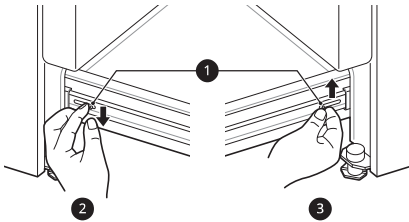
- Disconnect the electrical power to the range at the main fuse or circuit breaker panel. Failure to do so can result in severe personal injury, death, or electrical shock.

Most cleaning can be done with the drawer in place; however, the drawer may be removed if further cleaning is needed. Use warm water to thoroughly clean.

- 1 Fully open the drawer.
- 2 Unscrew the screw ❶ on the side at the back of the drawer.



- 3 Locate the glide lever on each side of the drawer. Push down on the left glide lever and pull up on the right glide lever.



- ❶ Lever
- ❷ Push down with finger
- ❸ Pull up with finger

- 4 Pull the drawer away from the range.

Assembling Drawers

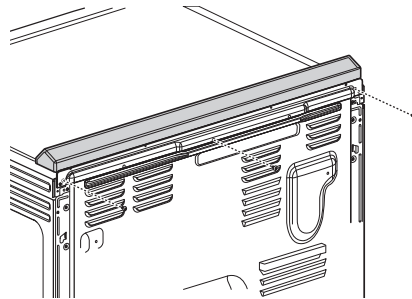
- 1 Pull the bearing glides to the front of the chassis glide.
- 2 Align the glide on each side of the drawer with the glide slots on the range.
- 3 Push the drawer into the range until levers click (approximately 2 inches).
- 4 Insert and tighten the screws on the side at the back of the drawer.

- 5 Pull the drawer open again to seat the bearing glides into position.

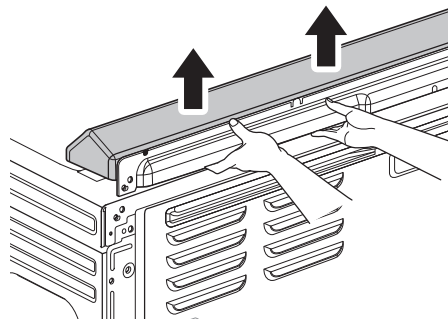
Removing/Assembling the Vent Trim

Removing the Vent Trim

- 1 Using a screwdriver, remove the 3 screws holding the vent trim in place.



- 2 Lift the vent trim.



Assembling the Vent Trim

Assemble the vent trim in the reverse sequence of its removal.

Periodic Maintenance

Changing the Oven Light

The oven light is a standard 40-watt appliance halogen lamp. It turns on when the oven door is open. When the oven door is closed, press **Light** to turn it on or off.

⚠ WARNING

- Make sure that the oven and lamp are cool.

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⚠ WARNING

- Disconnect the electrical power to the range at the main fuse or circuit breaker panel. Failure to do so can result in severe personal injury, death, or electrical shock.
-

- 1** Unplug the range or disconnect power.
- 2** Turn the glass lamp cover in the back of the oven counterclockwise to remove.
- 3** Remove the halogen lamp from the socket.
- 4** Insert the new halogen lamp.
- 5** Insert the glass lamp cover and turn it clockwise.
- 6** Plug in the range or reconnect the power.

