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.

NOTE

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 (example, 375 °F)

1. Turn the oven mode knob to select the **Conv. Bake** or **Conv. Roast**.
2. Set the oven temperature: for example, press **plus(+)** until 375 °F appears in the display.
3. Press **Start**. The display shows **Conv. Bake** or **Conv. Roast** and the oven temperature starting at 100 °F.

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

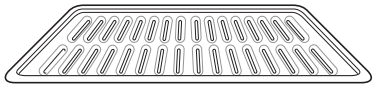
- Use Convection Bake for faster and more even multiple-rack cooking of pastries, cookies, muffins, biscuits, and breads of all kinds.
- Bake cookies and biscuits on pans with no sides or very low sides to allow heated air to circulate around the food. Food baked on pans with a dark finish will cook faster.
- If cooking on single rack, place the rack in the position suggested in the charts on the following pages. If cooking on multiple racks, place the oven racks in positions 3 and 5 (for two racks).
- 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.

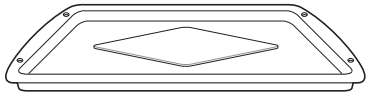
Tips for Convection Roasting

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

1. Place the oven rack in the position suggested in the charts on the following pages.
2. Place the grid in the broiler pan.
3. Place the broiler pan on the oven rack.



Grid (sold separately)



Broiler pan (sold separately)

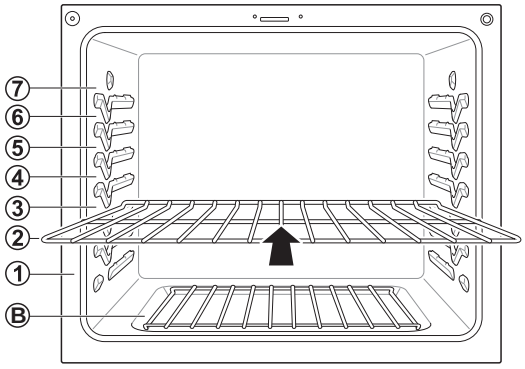
CAUTION

- 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.

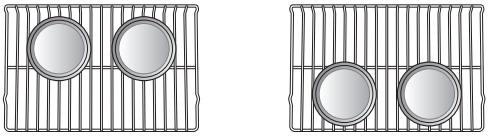
Recommended Baking and Roasting Guide

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.

Rack and Pan Placement



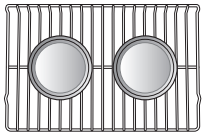
Multiple rack baking



Rack (Position 3)

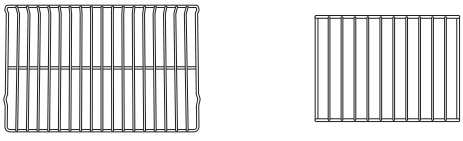
Rack (Position 5)

Single rack baking



Rack

Multiple rack roasting



Rack (Position 4)

Bottom Rack (Position B)

- Multiple roasting helps to make more than 2 roasted foods at same time.
- If roasting on multiple racks, place more than 2 broiler pans and 2 grids on the racks.

Baking rack guide

Food		Rack position
Cakes	• Layer cakes	4
	• Bundt cakes	3
	• Angel food cake	3
Cookies	• Sugar cookies	4
	• Chocolate chips	4
	• Brownies	4
Pizza	• Fresh	5
	• Frozen	5
Pastry Crust	• From scratch	4
	• Refrigerator	4
Breads	• Biscuit, canned	5
	• Biscuit, from scratch	5
	• Muffins	5
Desserts	• Fruit crisps and cobblers, from scratch	4
	• Pies, from scratch, 2-crust fruit	4
Custards	• Cheesecake, crème brulée	2
Soufflés	• Sweet or savory	2
Casserole	• Frozen lasagna	5

Roasting rack guide

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

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.

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.

Speed Broil

The Speed Broil setting is designed to reduce the amount of time it takes to broil foods. By utilizing the infrared broil element, which provides heat instantaneously, there is no need for preheating.

Setting the oven to Broil / Speed Broil

1. Turn the oven mode knob to select **Broil** or **Speed Broil**.
2. Press **plus(+)** or **minus(-)** to select **Hi** or **Lo**.
3. Press **Start**. The oven begins to heat.
4. Let the oven preheat for approximately five minutes before cooking the food if using broil.
5. Turn the oven mode knob to the **Off** position to cancel at any time or when cooking is complete.

Smoking

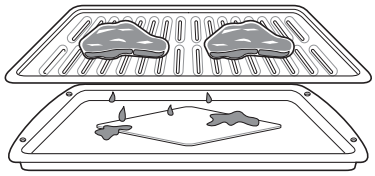
Due to the intense heat associated with broiling, it is normal to experience smoke during the cooking process. This smoke is a natural byproduct of searing and should not cause you to worry. If you are experiencing more smoke than you are comfortable with, use the following tips to reduce the amount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

1. Always use a broiler pan. Do not use saute pans or regular baking sheets for safety reasons.
2. The broiler pan should always be thoroughly cleaned and at room temperature at the beginning of cooking.
3. Always run your cooktop ventilation system or vent hood during broiling.
4. Keep the interior of your oven as clean as possible. Leftover debris from prior meals can burn or catch fire.
5. 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.
6. 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 further 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.
7. As a rule, fattier cuts of meat and fish will produce more smoke than leaner items.
8. Adhere to the recommended broil settings and cooking guidelines in the chart on the following page 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.



Food	Quantity and/or Thickness	Rack Position	First Side (minutes)	Second Side (minutes)	Comments
Ground Beef Well done	1 lb. (4 patties) 1/2 to 3/4" thick	7	3-6	2-4	Space evenly. For 1-4patties, use Speed Broil. For more than 4 patties, use Broil.
Beef Steaks Rare Medium Well done Rare Medium Well done	 1" thick 1 to 1 1/2 lbs. 1 1/2" thick 2 to 2 1/2 lbs.	 7 7 7 5 5 5	 3-5 4-6 5-7 7-9 9-11 11-13	 2-4 2-4 3-5 4-6 6-8 8-10	Steaks less than 1" thick cook through before browning. Pan frying is recommended. Slash fat.
Toast		7	0.5-1	0.5	
Chicken	1 whole cut up 2 to 2 1/2 lbs., split lengthwise 2 Breasts	5 5	8-10 8-10	4-6 5-7	Broil skin-side-down first.
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	1 (1/2" thick) 2 (1" thick) about 1 lb.	6 5	3-6 5-8	4-7 5-8	
Lamb Chops Medium Well done Medium Well done	 2 (1" thick) about 10 to 12 oz. 2 (1 1/2" thick) about 1 lb.	 6 6 6 6	 3-5 5-7 7-9 9-11	 2-5 4-7 7-9 7-9	
Salmon Steaks	2 (1" thick) 4 (1" thick) about 1 lb.	5 5	8-10 9-11	3-5 4-6	Grease pan. Brush steaks with melted butter.

- This guide is only for reference. Adjust cook time according to your preference.
- For best performance, center food on rack when using Speed Broil/Broil.

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.

Warm

This function will maintain an oven temperature of 170 °F. The Warm function will keep cooked food warm for serving up to three hours after cooking has finished. The Warm function may be used without any other cooking operations.

Setting the Warm Function

1. Turn the oven mode knob to select **Warm**.
2. Press **Start**.
3. Turn the oven mode knob to the **Off** position when warming is finished.

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.

Proof

This feature maintains a warm oven for rising yeast leavened products before baking.

Setting the Proof Function

1. Use rack position 2 or 3 for proofing.
2. Turn the oven mode knob to select **Proof**.
3. Press **Start**.
4. Turn the oven mode knob to the **Off** position when proofing is finished.

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 when the oven is above 125 °F. **Hot** shows in the display.
- It is normal for the fan to operate during the Proof function.

Speed Roast

The Speed Roast feature is designed to quickly roast poultry. The combination of intense heat from the upper heating element and heated air from the back heating element result in crispier food and help to save cooking time. Speed roasting is especially good for medium sized poultry.

NOTE

- The recommended cook time is 60-65 minutes for a whole chicken weighing 3.3 lb.
- Adjust the cook time according to the weight of the poultry.
- Place the oven rack in position 2.
- Speed Roast is designed to reduce the cooking time. There is no need for preheating.
- This function is optimized for poultry, so the temperature of Speed Roast cannot be changed.
- It is normal for the fan to operate during the Speed Roast function.

Setting the Speed Roast Function

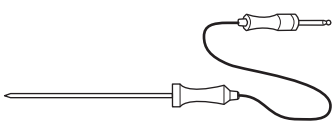
1. Put food in the oven.
2. Turn the oven mode knob to select **Speed Roast**. The display shows **Roast Speed**.
3. Press **Start**.

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 or proofing. 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 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.

Setting the Probe Temperature

1. Select cook mode. Turn the oven mode knob to select **Conv. Roast**.
2. Set the oven temperature: press **plus(+)** or **minus(-)** until 375 °F appears in the display.
3. Press **Probe**.
4. Set the probe temperature: press **plus(+)** or **minus(-)** until 160 °F appears in the display.
5. Press **Start**.

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 while cooking

1. Press **Probe**.
2. Set the probe temperature.
3. 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.**

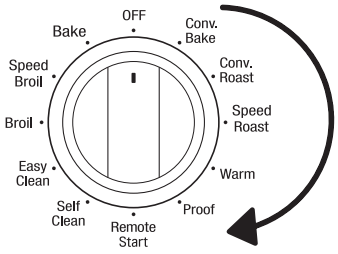
Recommended Probe Temperature Chart

Doneness	Probe Temp.
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)

Remote Start

If the appliance is registered on a home Wi-Fi network, this function starts or stops the pre-heating function of the appliance. Follow the instructions on page 38 to register the appliance on the network.

Set the oven mode knob to the Remote Start position to use the function.



Setting Remote Start

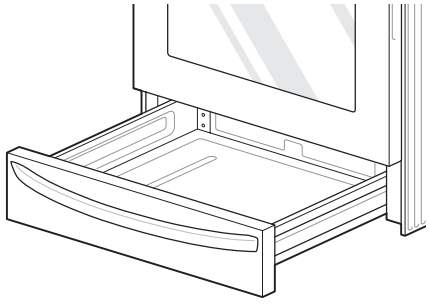
1. Open the oven door to make sure the oven is empty and ready for pre-heating. Do not place food in the oven. Close the oven door.
2. Within 30 seconds of closing the door, turn the oven mode knob to select Remote Start.
3. When ON appears in the display, the Remote Start function is ready to use.
4. Follow the directions in the smart phone app to set Remote Start times.

NOTE

Remote Start is disconnected in the following situations:

- Remote Start is never set up in the smart phone app.
- The Remote Start status is “ready.”
- Remote Start experiences a problem during operation.

Operating the Warming Drawer



The Warming Drawer keeps hot cooked foods at serving temperature.

All food placed in the Warming Drawer should be covered with an oven-safe lid or aluminum foil to maintain quality. Do not place foil on bottom or sides of drawer. Do not use plastic wrap to cover food. Plastic may melt onto the drawer and be very difficult to clean. Use only utensils and cookware recommended for oven use in the Warming Drawer.

Setting the Warming Drawer Control

1. Press **Warming Drawer Set/Off**. The indicator light will flash. (If no further buttons are pressed within 25 seconds, the display will clear.)
2. Use the **plus(+)** or **minus(-)** button to set the power level: for Low, for Medium, and for High.
3. When the food is ready, or to cancel, press **Warming Drawer Set/Off**.

NOTE

- The Warming Drawer shuts off automatically after three hours.
- Do not heat cold food in the Warming Drawer.
- Do not use pans or utensils with rough finishes in the Warming Drawer. Doing so can leave scratches on the inner drawer surfaces.

Warming Drawer food/power level recommendations

Setting	Food Item
Low 140°F (60°C) 	• Vegetables • Rice • Pasta • Breakfast pastries (coffee cake, muffins) • Dinner rolls • Plates of food • Heat-sensitive foods* (pancakes, pizza, eggs)
Medium 160°F (71°C) 	• Meat* (if warming for 1-2 hours) • Smaller casseroles • Bacon or sausage • Warming empty ovenproof plates or serving dishes
High 180°F (82°C) 	• Meat* (if warming for less than an hour) • Large casseroles

* Do not warm heat-sensitive foods for longer than 20 minutes.
Do not put thin cuts of meat in the warming drawer as they will dry out.

Different types of food may be placed in the warming drawer at the same time. For best results, do not leave food in the warming drawer for more than one hour. Do not leave smaller quantities or heat-sensitive food, such as eggs, in the warming drawer more than 30 minutes. The maximum operating time is three hours.

⚠ CAUTION

- Do not use the warming drawer for storage of racks, broiler pans, insert pans, plates, or utensils. The warming drawer contains a heating element which may damage any items not specifically designed to be used with it and should only be used to store cookware specifically supplied by LG with your range.
- Do not put food or foil directly on the surface or base of the warming drawer. This may result in damage to your drawer and may spoil your food.
- Do not place plastic wrap in the warming drawer or use it to cover food being heated in the warming drawer. Plastic may melt onto the drawer or surrounding areas and is very difficult to remove. Use only aluminum foil or cookware that is capable of withstanding baking temperature to heat or cover your food.
- Do not use the warming drawer to heat water or any other liquids. Spilled liquids may cause an electrical short or result in severe personal injury, electric shock or death.
- Never place plastics, paper, canned foods or other combustible material into the warming drawer. These items pose a severe risk of fire, damage and injury.
- In the unlikely event that an item falls behind the warming drawer, always turn the power off and wait for the warming drawer to cool before retrieving the item. Never attempt to retrieve any items that fall behind the warming drawer without first turning the power off and ensuring the warming drawer cavity has cooled off. Failure to do so may result in severe personal injury, electric shock or death.
- Do not touch the surface of the warming drawer while it is in operation. Use oven mitts or hot pads when inserting or removing food to avoid burns or other injury.
- Do not leave food in the warming drawer for longer than one hour. Eating food which has been heated for too long at low temperatures can lead to food-borne illnesses.

SMART FUNCTIONS

Application Installation

Search for the LG Smart Oven application from the Google Play Store on a smart phone. Follow instructions to download and install the application.

Product Registration

1. Run the LG Smart Oven application on a smart phone.
2. Create an account and sign in.
3. Select **Register**.
4. Select **Oven**.
5. Follow the instructions on the smart phone to register the appliance and connect it to a Wi-Fi network.
   - To verify the Wi-Fi connection, check the Wi-Fi icon on the control panel is lit.

NOTE

- LG Electronics is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.
- The machine supports 2.4 GHz Wi-Fi networks only.
- 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 Wi-Fi connection may not connect or may be interrupted because of the home network environment.
- The network connection may not work properly depending on the internet service provider.
- The surrounding wireless environment can make the wireless network service run slowly.
- This information is current at the time of publication. The application is subject to change for appliance improvement purposes without notice to users.
- Depending on your wifi connection, you may Experience delays with app.

Using the Wi-Fi Function

Communicate with the appliance from a smart phone using the convenient smart features.

Using the Application

1. Select the appliance in the application and connect it to a Wi-Fi network.
2. Select the menu on the upper right side to access settings and features.

Cleaning

This function helps you to check the energy efficiency, Usage and guide of EasyClean®.

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.

Monitoring

This function helps you recognize the current status, remaining time, cook settings and end time on the screen.

Push Alerts

Turn on the Push Alerts to receive appliance status notifications.

The notifications are triggered even if the LG Smart Oven application is off.

Timer

You can set the timer from the application.

IMPORTANT : Features could be added or deleted when the LG Smart Oven application is updated. Data saved on the LG Smart Oven application could be deleted when the application is updated or your smart phone is changed.

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

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 for three (3) years from the date on which you purchased the product.

Wireless LAN Module (LCW-003) Specifications	
Frequency Range	2412~2462 MHz
Output Power (max.)	IEEE 802.11 b : 17.56 dBm IEEE 802.11 g : 25.53 dBm IEEE 802.11 n : 25.29 dBm

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 and also Part 18 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 to 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, Part 18 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 of the device.

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 minimum distance 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

MAINTENANCE

Cleaning the Glass-Ceramic Cooktop

⚠ CAUTION

- Do not use scrub pads or abrasive cleaning pads. They may damage your cooktop surface.
- For your safety, wear an oven mitt or pot holder while using a scraper on the hot cooking surface.
- Read and follow all instructions and warnings on the cleaning cream label.

Use ceramic cooktop cleaner on the glass cooktop. Other creams 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 cleaning cream 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

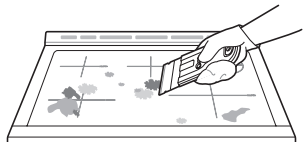
Do not heat the cooktop until it has been cleaned thoroughly.

IMPORTANT

If any sugar or food containing sugar (preserves, ketchup, tomato sauce, jellies, fudge, candy, syrups, chocolate) spills, or plastic or foil melts on the cooktop, remove the molten material IMMEDIATELY with a metal razor scraper (it will not damage the decorated cooking surface) while the cooking surface is still hot to avoid the risk of damage to the glass-ceramic surface. For your safety, please use an oven mitt or pot holder while scraping the hot cooking surface.

Burned-On Residue

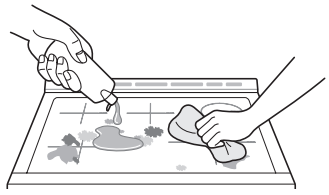
1. While the cooktop is still hot, remove any burnt on deposits or spilled food from the glass-ceramic cooking surface with a suitable metal razor scraper. (Similar to scraping paint off of a windowpane, it will not damage the decorated cooking surface.) Hold the scraper at an approximate 30° angle to the cooktop.



NOTE

- Do not use a dull or nicked blade.
- To prevent burns, wear an oven mitt or pot holder while using the metal scraper.

2. When the cooking surface has cooled down, apply a few dabs (about the size of a dime) of an approved cleaner in each burner area and work the cleaning cream over the cooktop surface with a damp paper towel.

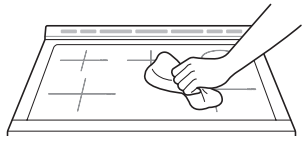


NOTE

Approved cleaners

- Weiman Cooktop Cleaning Cream (www.weiman.com)
- Cerama Bryte (www.ceramabryte.com)
- Golden Ventures Cerama Bryte
- Easy-Off 3 in 1 Glass Top Cleaner Spray (www.easyoff.us)

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

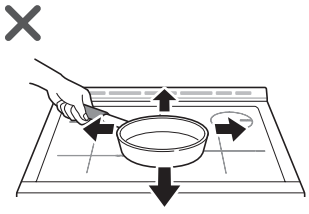


Metal Marks and Scratches

1. Be careful not to slide pots and pans across the cooktop. Doing so will leave metal markings on the cooktop surface.
2. To help remove these marks, use a ceramic cooktop cleaner with a cleaning pad for ceramic cooktops.

CAUTION

Cookware with rough or uneven bottoms can mark or scratch the cooktop surface.



- Do not slide metal or glass across the cooktop surface.
- Do not use cookware with any dirt build-up on the bottom.

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.

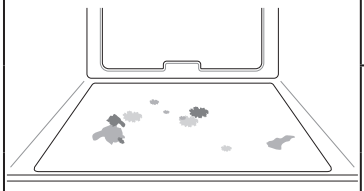
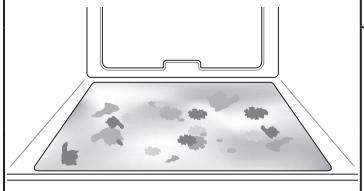
While EasyClean® is quick and effective for small and LIGHT soils, the Self Clean feature can be used to remove HEAVY, built up soils. The intensity and high heat of the Self Clean cycle may result in smoke which will require the opening up of windows to provide ventilation. Compared to the more intense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

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

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

When to Use EasyClean®

Suggested Cleaning Method	Example of Oven Soiling	Soil Pattern	Types of Soils	Common Food Items That Can Soil Your Oven
EasyClean®		Small drops or spots	Cheese or other ingredients	Pizza
		Light splatter	Fat/grease	Steaks, broiled
				Fish, broiled
				Meat roasted at low temperatures
Self Clean*		Medium to heavy splatter	Fat/grease	Meat roasted at high temperatures
		Drops or spots	Filling or sugar based soils	Pies
			Cream or tomato sauce	Casseroles

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

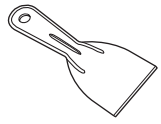
Cleaning Tips

- 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.
- 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 your local stores, can also help improve cleaning.
- 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.
- For hard to reach areas such as the back surface of the oven, it is better to use the Self Clean cycle.

EasyClean® Instruction Guide

1 Remove oven racks and accessories from the oven.

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

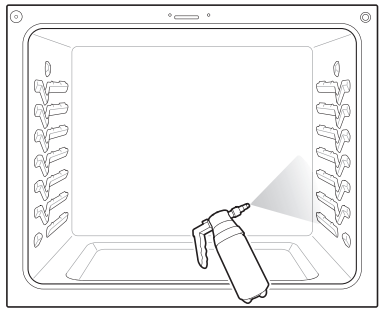


Suggested plastic scrapers:

- Hard plastic spatula
- Plastic pan scraper
- Plastic paint scraper
- Old credit card

3 Fill a spray bottle with 1¼ cups (10 oz or 300 ml) of water and use the spray bottle to thoroughly spray the inside surfaces of the oven.

4 Use at least ¼ cup (2 oz or 60 ml) of the water to completely saturate the soil on both the walls and in the corners of the oven.



5 Spray or pour the remaining 1 cup (8 oz or 250 ml) of water 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

Use the "mist" setting on the spray bottle for better coverage. The entire 1¼ cup (10 oz or 300 ml) of water should be used for each oven cavity cleaned. 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**.

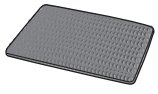
⚠ CAUTION

- 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. 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.

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.

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

- Remove the oven racks, broiler pan, broiler grid, all cookware, aluminum foil or any other material from the oven.
- The kitchen should be well ventilated to minimize the odors from cleaning.
- Wipe any heavy spillovers on the bottom of the oven.
- Make sure that the oven light bulb cover is in place and the oven light is off.
- 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.

CAUTION

- 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).
- Do not force the door open. This can damage the automatic door locking system. 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.

During the Self Clean cycle, the cooktop elements and warming drawer cannot be used.

NOTE

- Remove oven racks and accessories before starting the Self Clean cycle.
- 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.
- 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.
- Wipe up any heavy spillovers on the oven bottom.
- Make sure that the oven light bulb cover is in place and the oven light is off.
- It is normal for the fan to operate during the Self Clean cycle.
- The **Burner On** indicator light turns on when the knob is turned even if the cooktop element does not operate.

Setting Self Clean

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

Self Clean Soil Guide

Soil Level	Cycle Setting
Lightly Soiled Oven Cavity	3-Hour Self Clean
Moderately Soiled Oven Cavity	4-Hour Self Clean
Heavily Soiled Oven Cavity	5-Hour Self Clean

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 **plus(+)** or **minus(-)** 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.

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 **plus(+)** or **minus(-)** to select a self clean time from 3 to 5 hours.
3. Press **Start Time**.
4. Press **plus(+)** or **minus(-)** to enter the time of day you would like the Self Clean to start.
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.

During 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.
- As the oven heats, you may hear sounds of metal parts expanding and contracting. This is normal and will not damage the oven.
- Do not force the oven door open when the lock is displayed. The oven door remains locked until the oven temperature has cooled. Forcing the door open will damage the door.

After the Self Clean Cycle

- The oven door remains locked until the oven temperature has cooled.
- 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.
- Fine lines may appear in the porcelain because it went through heating and cooling. This is normal and will not affect performance.

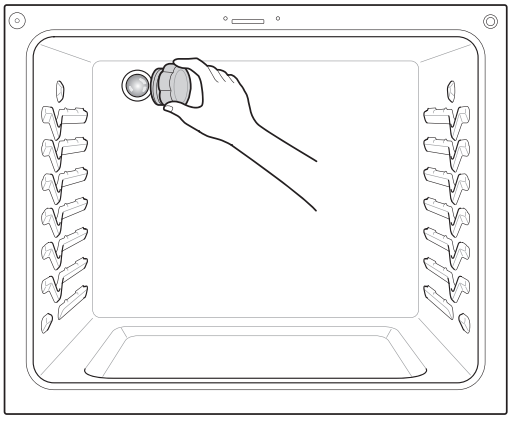
NOTE

- The Self Clean cycle cannot be started if the Lockout feature is active.
- Once the Self Clean cycle is set, the oven door locks automatically. You will not be able to open the oven door until the oven is cooled. The lock releases automatically.
- Once the door has been locked, the lock indicator light stops flashing and remains on. Allow about 15 seconds for the oven door lock to activate.
- 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.

Changing the Oven Light

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

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



WARNING

- Make sure that the oven and bulb are cool.
- 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.

Cleaning the Exterior

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.

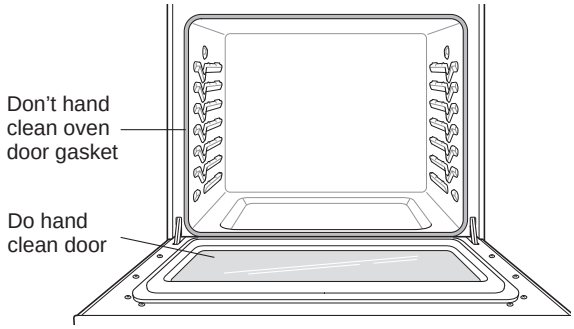
1. Place a small amount of stainless steel appliance cleaner or polish on a damp cloth or paper towel.
2. Clean a small area, rubbing with the grain of the stainless steel if applicable.
3. Dry and buff with a clean, dry paper towel or soft cloth.
4. Repeat as necessary.

Oven Door

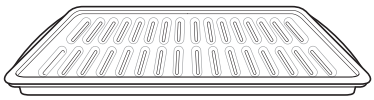
- Use soapy water to thoroughly clean the oven door. Rinse well. Do not immerse the door in water.
- You may use a glass cleaner on the outside glass of the oven door. Do not spray water or glass cleaner on the door vents.
- Do not use oven cleaners, cleaning powders, or harsh abrasive cleaning materials 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.

CAUTION

Do not use harsh cleaners or harsh abrasive cleaning materials on the outside of the oven door. Doing so can cause damage.



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.

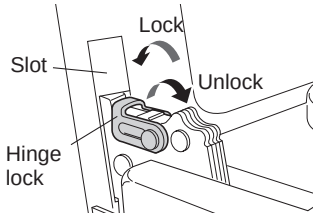
Removing and Replacing the Lift-Off Oven Doors and Drawer

CAUTION

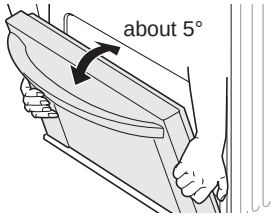
- **Be careful when removing and lifting the door.**
- **Do not lift the door by the handle.** The door is very heavy.

Removing the Door

1. Fully open the door.
2. Unlock the hinge locks, rotating them as far toward the open door frame as they will go.



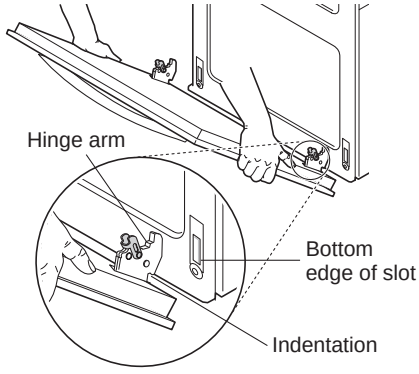
3. Firmly grasp both sides of the door at the top.
4. Close the door to the removal position (approximately five degrees) which is halfway between the broil stop position and fully closed. If the position is correct, the hinge arms will move freely.



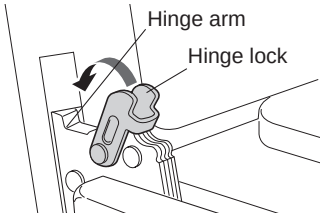
5. Lift door up and out until the hinge arms are clear of the slots.

Replacing the Door

1. Firmly grasp both sides of the door at the top.
2. With the door at the same angle as the removal position, seat the indentation of the hinge arms into the bottom edge of the hinge slots. The notch in the hinge arms must be fully seated into the bottom edge of the slots.



3. Open the door fully. If the door will not open fully, the indentation is not seated correctly in the bottom edge of the slots.
4. Lock the hinge locks, rotating them back toward the slots in the oven frame until they lock.



5. Close the oven door.

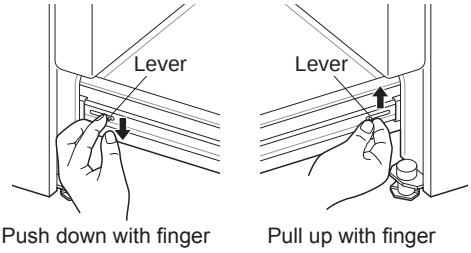
Removing the Drawer

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. 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.



3. Pull the drawer away from the range.

Replacing the Drawer

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 inch).
4. Pull the drawer open again to seat bearing glides into position.

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.

TROUBLESHOOTING

FAQs

What types of cookware are recommended for use with the cooktop?

- Look for cookware that is marked "induction ready" or "induction capable" or that is specifically designed for induction cooking.
- The cookware must have a magnetic metallic base. See the Induction Cookware Types section.
- The pans must have a flat bottom and straight sides.
- Only use heavy-gauge pans.
- The pan size must match the amount of food to be prepared and the size of the surface element.
- Use tight fitting lids.
- Only use flat-bottom woks.

Why do the heating elements appear to be turning ON and OFF during use of the cooktop or oven?

Depending on your cooktop element setting or the temperature selected in your oven it is NORMAL for the cooking elements to cycle on and off.

My new oven doesn’t cook like my old one. Is there something wrong with the temperature settings?

No, your oven has been factory tested and calibrated. For the first few uses, follow your recipe times and temperatures carefully. If you still think your new oven is too hot or too cold, you can adjust the oven temperature yourself to meet your specific cooking needs. Refer to the Oven Temperature Adjustment section in this manual for easy instructions on how to adjust your thermostat.

Is it normal to hear a clicking noise coming from the back of my oven when I am using it?

Your new range is designed to maintain a tighter control over your oven’s temperature. You may hear your oven’s heating elements click on and off more frequently on your new oven. This is NORMAL.

Why is the colon in the clock flashing?

This means that the product has just been plugged in, or that it has experienced a power interruption. To clear the flashing colon in the clock, press any key or reset the clock if needed.

During convection cooking the fan stops when I open the door. Is that normal?

Yes, this is normal. When the door is opened, the convection fan will stop until the door is closed.

Can I use aluminum foil to catch drippings in my oven cavity?

Never use aluminum foil to line the bottom or sides of the oven or the warming drawer. The foil will melt and stick to the bottom surface of the oven and will not be removable. Use a sheet pan placed on a lower oven rack to catch drippings instead. (If foil has already melted onto the bottom of the oven, it will not interfere with the oven's performance.)

Can I use aluminum foil on the racks?

Do not cover racks with aluminum foil. Covering entire racks with foil restricts air flow, leading to poor cooking results. Use a sheet pan lined with foil under fruit pies or other acidic or sugary foods to prevent spillovers from damaging the oven finish.

CAUTION

Foil may be used to wrap food in the oven or warming drawer, but do not allow the foil to come into contact with the exposed heating/broiling elements in the oven. The foil could melt or ignite, causing smoke, fire, or injury.

Can I leave my racks in the oven when running a Self Clean cycle?

No. Although it will not damage the racks, it will discolor them and may make them hard to slide in and out during use. Remove all items from the oven before starting a Self Clean cycle.

What should I do if my racks are sticky and have become hard to slide in and out?

Over time, the racks may become hard to slide in and out. Apply a small amount of olive oil to the ends of the racks. This will work as a lubricant for easier gliding.

What should I do for hard to remove stains on my cooktop?

The cooktop should be cleaned after every use to prevent permanent staining. When cooking foods with high sugar content, such as tomato sauce, clean the stain off with a scraper while the cooktop is still warm. Use an oven mitt when scraping to prevent burns. Refer to the MAINTENANCE section of this owner's manual for further instruction.

Why aren't the function buttons working?

Make sure that the range is not in Lockout mode. The lock will show in the display if Lockout is activated. To deactivate Lockout, pressing **Probe** or **Clock** for three seconds. The unlock melody sounds and **Loc** appears in the display until the controls are unlocked.

My range is still dirty after running the EasyClean® cycle. What else should I do?

The EasyClean® cycle only helps to loosen light soils in your oven range to assist in hand-cleaning of your oven. It does not automatically remove all soils after the cycle. Some scrubbing of your oven range is required after running the EasyClean® cycle.

I tried scrubbing my oven after running EasyClean®, but some soils still remain. What can I do?

The EasyClean® feature works best when the soils are fully soaked and submerged in water before running the cycle and during hand-cleaning. If soils are not sufficiently soaked in water, it can negatively affect the cleaning performance. Repeat the EasyClean® process using sufficient water. Sugar-based and certain greasy soils are especially hard to clean. If some stubborn soils remain, use the Self Clean feature to thoroughly clean your oven.

Soils on my oven walls are not coming off. How can I get my walls clean?

Soils on the side and rear walls of your oven range may be more difficult to fully soak with water. Try repeating the EasyClean® process with more than the ¼ cup (2 oz or 60 ml) spray recommended.

Will EasyClean® get all of the soils and stains out completely?

It depends on the soil type. Sugar-based and certain grease stains are especially hard to clean. Also, if stains are not sufficiently soaked in water, this can negatively affect cleaning performance. If stubborn or built-up stains remain, use the Self Clean feature. Refer to the Self Clean section of your owner's manual.

Are there any tricks to getting some of the stubborn soils out?

Scraping the soils with a plastic scraper before and during hand-cleaning is recommended. Fully saturating soils with water is also recommended. However, certain types of soils are harder to clean than others. For these stubborn soils, the Self Clean cycle is recommended. Consult the Self Clean section of your owner's manual for details.

Is it safe for my convection fan, broil burner or heater element to get wet during EasyClean®?

Yes. The convection fan, broiler burner or heater element may get a little wet during cleaning. However, direct spray onto the broil burner and heater elements is not necessary because these are self-cleaning during regular use.

Do I need to use all 1¼ cups (10 oz or 300 ml) of water for EasyClean®?

Yes. It is highly recommended that 1 cup (8 oz or 250 ml) of water be sprayed or poured on the bottom and an additional ¼ cup (2 oz or 60 ml) of water be sprayed on walls and other soiled areas to fully saturate the soils for better cleaning performance.

I see smoke coming out of my oven range's cooktop vents during EasyClean®. Is this normal?

This is normal. This is not smoke. It is actually water vapor (steam) from the water in the oven cavity. As the oven heats briefly during EasyClean®, the water in the cavity evaporates and escapes through the oven vents.

How often should I use EasyClean®?

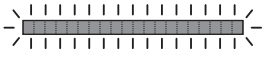
EasyClean® can be performed as often as you wish. EasyClean® works best when your oven is LIGHTLY soiled from such things as LIGHT grease splatter and small drops of cheese. Please refer to the EasyClean® section in your owner's manual for more information.

What is required for EasyClean®?

A spray bottle filled with 1¼ cups (10 oz or 300 ml) of water, a plastic scraper, a non-scratch scrubbing pad and a towel. You should not use abrasive scrubbers such as heavy-duty scouring pads or steel wool. Except for a towel, all of the materials you need are included in a special cleaning kit with your new range.

Before Calling for Service

Before you call for service, review this list. It may save you time and expense. The list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

<table>
<tr><th>Symptoms</th><th>Possible Causes / Solutions</th></tr>
<tr><td>Range is not level.</td><td>• Poor installation. Place oven rack in center of oven. Place a level on the oven rack. Adjust leveling legs at base of range until the oven rack is level.
• Be sure floor is level and strong and stable enough to adequately support range.
• If floor is sagging or sloping, contact a carpenter to correct the situation.
• Kitchen cabinet alignment may make range appear unlevel. Be sure cabinets are square and have sufficient room for range clearance.</td></tr>
<tr><td>Cannot move appliance easily. Appliance must be accessible for service.</td><td>• Cabinets not square or are built in too tightly. Contact builder or installer to make appliance accessible.
• Carpet interferes with range. Provide sufficient space so range can be lifted over carpet.
• Anti-tip device engaged.</td></tr>
<tr><td>Oven control beeps and displays any F code error.</td><td>• Electronic control has detected a fault condition. Turn the Oven mode knob to the Off position to clear the display and stop beeping. Reprogram oven. If fault recurs, record fault number. Turn the Oven mode knob to the Off position and call for service.
<table><tr><th>CODE</th><th>CAUSE</th></tr><tr><td>F-3</td><td>Key short error</td></tr><tr><td>F-9</td><td>Oven not heating</td></tr></table></td></tr>
<tr><td>Surface element control beeps and entire LED bar flashes.
</td><td>• Electric control has detected a fault condition. Turn the control knob to the Off position to clear the display and stop the beeping. Call for service.
<table><tr><th>Number of Flashes</th><th>CAUSE</th></tr><tr><td>1</td><td>Top Thermistor Open/Short</td></tr><tr><td>2</td><td>Heatsink Thermistor Open/ Short</td></tr><tr><td>3</td><td>Communication error</td></tr><tr><td>4</td><td>Box fan not working</td></tr></table></td></tr>
<tr><td>Surface units will not maintain a rolling boil or cooking is not fast enough</td><td>• Improper cookware being used.
- Use pans which are flat and match the diameter of the surface unit selected.
• In some areas, the power(voltage) may be low.
- Cover pan with a lid until desired heat is obtained.</td></tr>
<tr><td>Surface units do not work properly</td><td>• A fuse in your home may be blown or the circuit breaker tripped.
- Replace the fuse or reset the circuit breaker.
• Cooktop controls improperly set.
- Check to see the correct control is set for the surface unit you are using.
• Cookware is the wrong size or is not induction capable.
- See Induction Cookware section for more information.</td></tr>
<tr><td>Surface unit stops glowing when changed to a lower setting</td><td>• This is normal. The unit is still on and hot.</td></tr>
</table>

Symptoms	Possible Causes / Solutions
Areas of discoloration on the cooktop	• Food spillovers not cleaned before next use. - See Cleaning the Glass-Ceramic Cooktop section. • Hot surface on a model with a light-colored cooktop. - This is normal. The surface may appear discolored when it is hot. This is temporary and will disappear as the glass cools.
Frequent cycling on and off of surface units	• This is normal. - The element will cycle on and off to maintain the heat setting.
Oven will not work	• Plug on range is not completely inserted in the electrical outlet. - Make sure electrical plug is plugged into a live, properly grounded outlet. • A fuse in your home may be blown or the circuit breaker tripped. - Replace the fuse or reset the circuit breaker. • Oven controls improperly set. - See the Using the Oven section. • Oven too hot. - Allow the oven to cool to below locking temperature.
Steam is exhausted through the oven vent.	• Cooking foods with high moisture produces steam. This is normal.
Appliance does not operate.	• Make sure cord is plugged correctly into outlet. Check circuit breakers. • Service wiring is not complete. Contact your electrician for assistance. • Power outage. Check house lights to be sure. Call your local electric company for service.
Oven light does not work.	• Replace or tighten bulb. See Changing the Oven Light section in this Owner's Manual.
Oven smokes excessively during broiling.	• Control not set properly. Follow instructions under Setting Oven Controls. • Meat too close to the element. Reposition the rack to provide proper clearance between the meat and the element. Preheat broil element for searing. • Meat not properly prepared. Remove excess fat from meat. Cut remaining fatty edges to prevent curling. • Insert on broiler pan wrong side up and grease not draining. Always place grid on the broiler pan with ribs up and slots down to allow grease to drip into pan. • Grease has built up on oven surfaces. Regular cleaning is necessary when broiling frequently. - Old grease or food spatters cause excessive smoking.
Food does not bake or roast properly	• Oven controls improperly set. - See the Using the Oven section. • Rack position is incorrect or the rack is not level. - See the Using the Oven section. • Incorrect cookware or cookware of improper size being used. - See the Using the Oven section. • Oven sensor needs to be adjusted. - See Oven Temperature Adjustment in the Features section.

Symptoms	Possible Causes / Solutions
Food does not broil properly	• Oven controls improperly set. - Make sure you turn the oven mode knob to select the **Broil** mode. • Improper rack position being used. - See the Broiling Guide. • Cookware not suited for broiling. - Use broiling pan and grid. • Aluminum foil used on the broiling pan and grid has not been fitted properly and slit as recommended. - See the Using the Oven section. • In some areas the power voltage may be low. - Preheat the broil element for 5-7 minutes. - See the Broiling Guide.
Oven temperature too hot or too cold	• Oven sensor needs to be adjusted. - See Oven Temperature Adjustment in the Features section.
Scratches or abrasions on cooktop surface	• Coarse particles such as salt or sand between cooktop and utensils can cause scratches. Be sure the cooktop surface and bottoms of utensils are clean before using. Small scratches do not affect cooking and will become less visible with time. • Cleaning materials not recommended for glass-ceramic cooktop have been used. See Cleaning the Glass-Ceramic Cooktop in the MAINTENANCE section. • Cookware with rough bottom has been used. Use smooth, flat-bottomed cookware.
Metal marks	• Scraping of metal utensils on cooktop surface. Do not slide metal utensils on cooktop surface. Use a glass-ceramic cooktop cleaning creme to remove the marks. See Cleaning the Glass-Ceramic Cooktop in the MAINTENANCE section.
Brown streaks or specks	• Boilovers are cooked onto surface. Use a blade scraper to remove soil. See Cleaning the Glass-Ceramic Cooktop in the MAINTENANCE section.
Areas of discoloration on cooktop	• Mineral deposits from water and food. Remove using a glass-ceramic cooktop cleaning creme. Use cookware with clean, dry bottoms.
Oven will not Self Clean	• The oven temperature is too high to set a Self Clean operation. - Allow the range to cool and reset the controls. • Oven controls improperly set. - See the Self Clean section. • A Self Clean cycle cannot be started if the oven lockout feature is active.
“Crackling” or “popping” sound	• This is the sound of the metal heating and cooling during both the cooking and Self Clean functions. - This is normal.
Fan noise	• A convection fan may automatically turn on and off. - This is normal.
Convection Fan stops	• Convection fan stops during a convection bake cycle. - This is normal and is done to allow for more even heating during the cycle. This is not a failure of the range and should be considered normal operation.

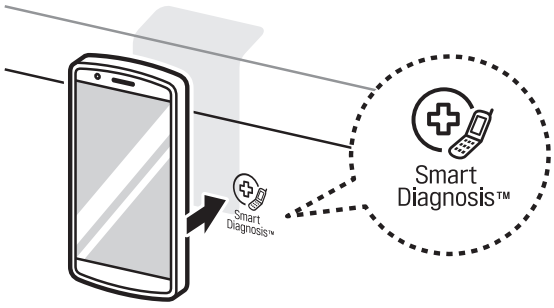
Symptoms	Possible Causes / Solutions
Displayed colon in the clock is flashing	• This is normal. This means that the product has just been plugged in, or that it has experienced a power interruption. Press **Cook Time** for three seconds and reset the clock, or press any key to stop the flashing.
Excessive smoking during a Self Clean cycle	• Excessive soil. - Turn the oven mode knob to the **Off** position. Open the windows to rid the room of smoke. Wait until the Self Clean mode is cancelled. Wipe up the excess soil and reset the clean.
Oven door does not open after a Self Clean cycle	• Oven is too hot. - Allow the oven to cool below locking temperature. • Allow about one hour for the oven to cool after the completion of a Self Clean cycle. The door can be opened when the lock is no longer displayed. • The control and door may be locked.
The oven does not clean after a Self Clean cycle	• Oven controls not properly set. - See the Self Clean section. • Oven was heavily soiled. - Clean up heavy spillovers before starting the clean cycle. Heavily soiled ovens may need to Self Clean again or for a longer period of time.
CLEAN and door flash in the display	• The Self Clean cycle has been selected, but the door is not closed. - Close the oven door.
LOCKED is on in the display when you want to cook	• The oven door is locked because the temperature inside the oven has not dropped below the locking temperature. - Turn the oven mode knob to the **Off** position. Allow the oven to cool.
Burning or oily odor emitting from the vent	• This is normal in a new oven and will disappear in time. - To speed the process, set a Self Clean cycle for a minimum of 3 hours. See the Self Clean section.
Oven racks are difficult to slide	• The shiny, silver-colored racks were cleaned in a Self Clean cycle. - Apply a small amount of vegetable oil to a paper towel and wipe the edges of the oven racks with the paper towel.
Moisture collects on oven window or steam comes from oven vent	• This is normal when cooking foods high in moisture. • Excessive moisture was used when cleaning the window.
Wifi network does not connect properly.	• 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 Wi-Fi connection may not connect or may be interrupted because of the home network environment. • The network connection may not work properly depending on the internet service provider. • The surrounding wireless environment can make the wireless network service run slowly.

SMART DIAGNOSIS™

Smart Diagnosis™

Should you experience any problems with your range, it has the capability of transmitting data to your smart phone using the LG Smart Oven application or via your telephone to the LG call center.

Smart Diagnosis™ cannot be activated unless your range is turned on by pressing the **Start** button. If your range is unable to turn on, then troubleshooting must be done without using Smart Diagnosis™.



Using Smart Diagnosis™

Smart Diagnosis™ Using Your Smart Phone

1. Download the LG Smart Oven application on your smart phone.
2. Open the LG Smart Oven application on your smart phone. Press Smart Diagnosis™ button to advance to the next screen.
3. Follow directions of the application. Using 'Tag On' is recommended but, if it does not work well, the application will show how to use Audible Diagnosis.
4. Press [?] in the LG Smart Oven application for a more detailed guide on how to use the Tag On function.

NOTE

- Call quality differences by region may affect the function.
- Use the home telephone for better communication performance, resulting in better service.
- Bad call quality may result in poor data transmission from your phone to the machine, which could cause Smart Diagnosis™ to malfunction.

Smart Diagnosis™ Through the Call Center

1. Call the LG call center at: (LG U.S.) 1-800-243-0000 (LG Canada) 1-888-542-2623.
2. When instructed to do so by the call center agent, hold the mouthpiece of your phone over the Smart Diagnosis™ logo on the machine. Hold the phone no more than one inch from (but not touching) the machine.

NOTE

Do not touch any other buttons or icons on the display screen.

3. Press and hold the **Start** button for three seconds.
4. Keep the phone in place until the tone transmission has finished. This takes about 6 seconds and the display will count down the time.
5. Once the countdown is over and the tones have stopped, resume your conversation with the call center agent, who will then be able to assist you in using the information transmitted for analysis.

NOTE

- For best results, do not move the phone while the tones are being transmitted.
- If the call center agent is not able to get an accurate recording of the data, you may be asked to try again.

WARRANTY (USA)

Should your LG Electric Range fail due to a defect in materials or workmanship under normal home use, during the warranty period set forth below, LG will at its option repair or replace the product. This limited warranty is valid only to the original retail purchaser of the product and applies only when purchased and used within the United States including U.S. Territories. Proof of original retail purchase is required to obtain warranty service under this limited warranty.

Warranty Period	Scope of Warranty	HOW SERVICE IS HANDLED
One (1) year from date of original retail purchase	Parts and Labor	LG will provide parts and labor to repair or replace defective parts.

- Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replacement products and parts may be new or remanufactured.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT ANY IMPLIED WARRANTY IS REQUIRED BY LAW, IT IS LIMITED IN DURATION TO THE EXPRESS WARRANTY PERIOD ABOVE. NEITHER THE MANUFACTURER NOR ITS U.S. DISTRIBUTOR SHALL BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES OF ANY NATURE, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, OR ANY OTHER DAMAGE WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.

THIS LIMITED WARRANTY DOES NOT COVER:

- Service trips to deliver, pick up, or install or repair the product; instruction to the customer on operation of the product; repair or replacement of fuses or correction of wiring or plumbing, or correction of unauthorized repairs/installation.
- Failure of the product to perform during power failures and interruptions or inadequate electrical service.
- Damage caused by leaky or broken water pipes, frozen water pipes, restricted drain lines, inadequate or interrupted water supply or inadequate supply of air.
- Damage resulting from operating the Product in a corrosive atmosphere or contrary to the instructions outlined in the Product's owner's manual.
- Damage to the Product caused by accidents, pests and vermin, lightning, wind, fire, floods, or acts of God.
- Damage or failure caused by unauthorized modification or alteration, or if it is used for other than the intended purpose, or any water leakage where the unit was not properly installed.
- Damage or failure caused by incorrect electrical current, voltage, or plumbing codes, commercial or industrial use, or use of accessories, components, or consumable cleaning products that are not approved by LG.
- Damage caused by transportation and handling, including scratches, dents, chips, and/or other damage to the finish of your product, unless such damage results from defects in materials or workmanship and is reported within one (1) week of delivery.
- Damage or missing items to any display, open box, discounted, or refurbished Product.
- Products with original serial numbers that have been removed, altered, or cannot be readily determined. Model and Serial numbers, along with original retail sales receipt, are required for warranty validation.
- Increases in utility costs and additional utility expenses.
- Repairs when your Product is used in other than normal and usual household use (e.g. commercial use, in offices and recreational facilities) or contrary to the instructions outlined in the Product's owner's manual.
- Costs associated with removal of your Product from your home for repairs.

- The removal and reinstallation of the Product if it is installed in an inaccessible location or is not installed in accordance with published installation instructions, including LG's owner's and installation manuals.
- Damage resulting from misuse, abuse, improper installation, repair, or maintenance. Improper repair includes use of parts not approved or specified by LG.

The cost of repair or replacement under these excluded circumstances shall be borne by the consumer.

OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION

If you do not have access to the internet and you need assistance using your product or you would like to schedule service, you may contact LG Electronics at the number below.

For assistance or service, call 1-800-243-0000.

If you need further assistance, you can write to LG with any questions or concerns at the address below:

LG Electronics, 201 James Record Road, Huntsville, Alabama 35813

For additional product information, visit our website at http://www.lg.com

MEMO

MEMO

LG
Life's Good

ESPAÑOL

MANUAL DEL PROPIETARIO

COCINA ELÉCTRICA

Lea detenidamente el manual del propietario antes de poner el aparto en funcionamiento y consérvelo a mano en todo momento para su referencia.

LSE4617**

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www.lg.com

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INSTRUCCIONES IMPORTANTES DE SEGURIDAD

Lea y siga todas las instrucciones cuando utilice la cocina para evitar riesgos de incendios, descargas eléctricas, lesiones personales o daños. Esta guía no incluye todas las situaciones posibles que podrían ocurrir. Siempre comuníquese con su agente de servicio técnico o con el fabricante cuando haya problemas que no comprenda.

Descargue este manual del propietario en: http://www.lg.com

Este es el símbolo de alerta de seguridad. Este símbolo le advierte sobre posibles riesgos que pueden ocasionar daños materiales, lesiones personales graves o la muerte.
El símbolo de alerta de seguridad siempre estará acompañado de las palabras "ADVERTENCIA" o "PRECAUCIÓN". Estos términos significan lo siguiente:

ADVERTENCIA - Indica una situación peligrosa que, de no evitarse, podría causar lesiones graves o la muerte.

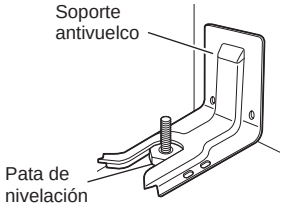
PRECAUCIÓN - Indica una situación peligrosa que, de no evitarse, podría causar lesiones menores o moderadas.

DISPOSITIVO DE SEGURIDAD ANTIVUELCO

ADVERTENCIA

- **PARA REDUCIR EL RIESGO DE VUELCO, EL ELECTRODOMÉSTICO DEBE ESTAR ASEGURADO CON UN DISPOSITIVO ANTIVUELCO INSTALADO DE MANERA ADECUADA. PARA VERIFICAR QUE EL DISPOSITIVO ANTIVUELCO ESTÉ INSTALADO CORRECTAMENTE, RETIRE EL CUERPO DEL CAJÓN Y VERIFIQUE QUE EL DISPOSITIVO ANTIVUELCO ESTÉ BIEN SUJETO O TOME EL BORDE SUPERIOR TRASERO DE LA PROTECCIÓN POSTERIOR DE LA COCINA E INTENTE INCLINARLA HACIA ADELANTE CON CUIDADO.** Consulte las instrucciones en la sección de instalación.
- Es posible que un niño o un adulto inclinen la cocina y el vuelco consecuente les produzca la muerte.





- Verifique que el dispositivo antivuelco se haya instalado correctamente y esté fijo al piso o a la pared y enganchado a la pata de nivelación de la cocina.
- No ponga en funcionamiento la cocina sin el dispositivo antivuelco colocado y enganchado.
- Nunca retire las patas del horno. La cocina no estará asegurada al soporte antivuelco si se retiran las patas del horno.
- No se pare ni se siente sobre la puerta del horno. La cocina podría inclinarse y usted podría sufrir lesiones con líquidos calientes derramados, alimentos calientes o la cocina misma.
- No coloque objetos grandes y pesados, como pavos enteros, sobre la puerta del horno abierta. La cocina podría inclinarse hacia adelante y ocasionar lesiones.
- Vuelva a conectar el dispositivo antivuelco después de mover la cocina hacia delante para tareas de limpieza, reparaciones o cualquier otro motivo.
- El incumplimiento de estas instrucciones, puede tener como consecuencia la muerte o quemaduras graves en niños o adultos.

PRECAUCIONES DE SEGURIDAD

⚠ ADVERTENCIA

Este producto contiene quimicos conocidos por el Estado de California de causar cáncer y defectos de nacimiento u otros daños reproductivos. ***Lávese las manos después de manipular.***

- **NO TOQUE LAS HORNALLAS NI LAS SUPERFICIES INTERIORES DEL HORNO.** Las hornallas podrían estar calientes incluso cuando presenten un color oscuro. Las superficies interiores del horno se calientan lo suficiente como para causar quemaduras. Durante y después del uso, no toque ni permita que la vestimenta u otro material inflamable entren en contacto con las hornallas o las superficies interiores del horno, hasta que hayan tenido tiempo suficiente para enfriarse. Otras superficies, como los orificios de venteo del horno y las superficies cercanas a estos orificios, las puertas del horno y las ventanas de las puertas del horno también se calientan y podrían causar quemaduras si no se han enfriado.
- **Abra la puerta del horno con cuidado.** El aire caliente y el vapor que salen del horno pueden causar quemaduras en las manos, el rostro y los ojos. Permita que el aire caliente o el vapor salgan del horno antes de sacar o colocar nuevamente la comida en el horno.
- No repare ni reemplace ninguna parte del electrodoméstico, excepto en caso de que haya recomendaciones específicas en el manual. Un técnico calificado debe estar a cargo de todas las demás tareas de mantenimiento.
- No utilice limpiadores ásperos, abrasivos ni espátulas de metal para limpiar el vidrio de la puerta del horno, ya que podrían rayar la superficie. Los arañazos podrían hacer que el vidrio se quiebre.

⚠ ADVERTENCIA

Si el vidrio de la puerta, la vitrocerámica de la placa de cocción, la superficie o la resistencia del horno están dañados, deje de usar el horno y solicite servicio técnico.

- No ponga en funcionamiento el horno sin la malla calentadora de carbón.
- No utilice plástico para cubrir los alimentos. Utilice únicamente papel de aluminio o tapas seguras para horno.
- No permita que nadie se suba, se pare o se cuelgue de la puerta, del cajón de almacenamiento ni de la placa de cocción. Podrían causar daños a la cocina e incluso volcarla, lo que generaría lesiones personales graves.
- No recubra las paredes del horno, los estantes, el fondo ni ninguna otra parte del horno con papel de aluminio ni ningún otro material. Hacer esto interrumpe la distribución de calor, produce resultados de horneado deficientes y causa daños permanentes al interior del horno (el papel de aluminio se fundiría en la superficie interior del horno).
- Nunca intente secar a una mascota en el horno.
- **Nunca utilice su electrodoméstico para calefaccionar el ambiente.**
- Utilice siempre agarraderas o guantes para horno cuando retire alimentos del horno o de las hornallas. La batería de cocina estará caliente. **Utilice solo agarraderas secas.** Las agarraderas húmedas o mojadas sobre superficies calientes podrían producir quemaduras por vapor. No permita que la agarradera toque las hornallas calientes. No utilice una toalla u otra tela gruesa para retirar alimentos.
- **No caliente recipientes cerrados de alimentos.** La presión podría causar una explosión que podría generar lesiones.
- Before using Wi-Fi functions, open the oven door and make sure the oven is ready for pre-heating.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- If the range is placed on a base, measures must be taken to prevent the appliance from slipping off of the base.
- To avoid the product overheating, do not install a decorative panel on the front of the appliance.

- Para eliminar el riesgo de quemaduras o incendios por pasar por encima de la superficie de las unidades calientes, debe evitarse la colocación de gabinetes de almacenamiento sobre las unidades. Si se instalará un gabinete de almacenamiento, el riesgo puede reducirse mediante la instalación de una campana que se proyecte, de forma horizontal, un mínimo de 5 pulgadas más allá de la parte inferior de los gabinetes.

MATERIALES INFLAMABLES

⚠ ADVERTENCIA

Remove all packing materials from the appliance before operating. Keep plastic, clothes, paper, and other flammable materials away from parts of the appliance that may become hot.

- No almacene ni utilice material inflamable en el horno ni cerca de la placa de cocción. Los materiales inflamables incluyen papel, plástico, agarraderas, telas, recubrimientos para paredes, cortinas y gasolina u otros vapores inflamables y líquidos como grasa o aceite de cocina. Estos materiales pueden prenderse fuego cuando el horno y la placa de cocción están en uso.
- **Use vestimenta adecuada.** No use prendas holgadas o que cuelguen, ya que podría prenderse fuego en contacto con superficies calientes y causar quemaduras graves.
- No utilice el horno para secar ropa. Solo use el horno para el propósito para el que fue diseñado.
- Si posee gabinetes de almacenamiento directamente sobre la superficie de cocción, guarde en estos los objetos que use con poca frecuencia y que puedan almacenarse de manera segura en un lugar expuesto al calor. Las altas temperaturas pueden ser peligrosas para objetos volátiles como líquidos inflamables, limpiadores o aerosoles.

SEGURIDAD ELÉCTRICA

- Desconecte siempre la energía del electrodoméstico antes de que se efectúen tareas de mantenimiento.
- No utilice papel de aluminio ni ningún otro material para revestir la base del horno. La instalación inadecuada de estos revestimientos podría causar riesgo de descarga eléctrica o incendio.
- No permita que el papel de aluminio ni la sonda de temperatura entren en contacto con las hornallas.
- Asegúrese de que su cocina esté instalada correctamente y con la conexión a tierra adecuada, a cargo de un instalador o técnico de mantenimiento calificado.

⚠ ADVERTENCIA

Antes de reemplazar la bombilla del horno, desconecte la energía eléctrica del horno desde el fusible principal o el panel disyuntor. El no hacerlo podría causar lesiones graves, descargas eléctricas o la muerte.

FREIDORA

- Tenga extremo cuidado al trasladar o desechar grasa caliente.
- Siempre caliente la grasa lentamente y vigile mientras aumenta la temperatura.
- Si va a freír una combinación de aceites y grasas, mézclelos antes de calentarlos.
- Si es posible, utilice un termómetro para frituras para evitar que la grasa se caliente por encima del punto de humeo.
- Utilice la menor cantidad posible de grasa para rehogar o freír de manera efectiva. Llenar la sartén con demasiada grasa podría causar derrames al agregar los alimentos.

SEGURIDAD DE LOS NIÑOS

- No toque la superficie caliente entre la parte inferior de la puerta del horno y la parte superior del cajón, en el frente del horno, mientras está en funcionamiento. La superficie se calienta y puede causar quemaduras y otras lesiones.
- No deje a los niños sin supervisión cerca del horno.

⚠ ADVERTENCIA

No deje solos a los niños o sin supervisión cerca del electrodoméstico cuando está en funcionamiento o aún caliente. Nunca debe permitir que los niños se sienten o paren en ninguna parte del electrodoméstico, ya que podrían sufrir lesiones o quemaduras.

⚠ PRECAUCIÓN

No guarde objetos de interés para los niños en los gabinetes que están arriba de la cocina o sobre la protección trasera; si los niños subieran a la cocina para alcanzar algo que buscan, podrían sufrir lesiones graves.

- Nunca permita que un niño se cuelgue de la puerta del horno.
- No permita que los niños se metan dentro del horno.
- Deje que los utensilios calientes se enfríen en un lugar seguro, fuera del alcance de los niños.
- No debe permitir que los niños jueguen con los controles ni con ninguna otra parte del electrodoméstico.

⚠ ADVERTENCIA

- The appliance and its accessible parts become hot during use. Do not touch heating elements inside the oven. Young children must be continuously supervised if allowed near the appliance.

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Do not allow children to play with the appliance. Any cleaning and user maintenance performed by children must be supervised.

SUPERFICIES DE COCCIÓN DE VITROCERÁMICA

- Las hornallas superficiales podrían estar calientes incluso cuando presenten un color oscuro. Las áreas cercanas a las hornallas superficiales podrían calentarse lo suficiente como para causar quemaduras. Durante y después de su uso, **NO TOQUE LAS HORNALLAS SUPERFICIALES NI LAS ÁREAS CERCANAS** ni permita que la vestimenta u otro material inflamable entren en contacto con las hornallas o las superficies cercanas hasta que hayan tenido tiempo suficiente para enfriarse. Esto incluye la placa de cocción y el área sobre la puerta del horno.
- **No cocine sobre una placa de cocción rota.** Si la placa de cocción se rompe, los líquidos de limpieza y los derrames podrían penetrar a través de la placa rota y provocar un riesgo de descarga eléctrica. Switch off the appliance to avoid the possibility of electric shock and contact a qualified technician immediately.
- No utilice la superficie de vidrio de la placa de cocción como tabla para cortar.
- No coloque ni almacene objetos que puedan derretirse o prenderse fuego sobre la placa de cocción de vidrio, incluso cuando no esté en uso.
- **Elija el tamaño correcto del quemador.** Para ollas y sartenes más pequeñas, utilice las hornallas más pequeñas. Para ollas y sartenes más grandes, utilice las hornallas más grandes. Seleccione las sartenes con fondo plano del tamaño suficiente para cubrir las hornallas. Si utiliza sartenes demasiado pequeñas, una parte de la hornalla quedará expuesta al contacto directo y podría quemar la ropa.

- **Batería de cocina vidriada.** Solo determinados tipos de vidrio, cerámica vidriada, cerámica, recipientes de cocción de barro y otros utensilios de cocina vidriados son aptos para uso en las hornallas de la cocina sin quebrarse, debido al cambio abrupto de temperatura.
- Nunca cocine directamente sobre el vidrio. Utilice siempre batería de cocina.
- Siempre apague las hornallas antes de retirar la batería de cocina. Do not rely on the pan sensor.

⚠ ADVERTENCIA

Do not leave fats or oils to heat unattended on the cooktop. Spillovers can result in a fire.

- The cooktop is not intended to be operated by means of an external timer or separate remote-control system.
- **Gire las manijas de los recipientes hacia dentro, para que no se extiendan hacia las hornallas adyacentes.** Esto reduce el riesgo de quemaduras, el riesgo de incendio con materiales inflamables y derrames debido a contacto involuntario con la batería de cocina.
- Limpie de inmediato los derrames en el área de cocción para prevenir una tarea de limpieza más complicada posteriormente.
- Algunos limpiadores pueden generar vapores peligrosos si se aplican sobre una superficie caliente.
- Do not place metallic objects such as knives, forks, spoons, and lids on the cooktop surface, because they can get hot.
- Coloque siempre la sartén en el centro de la hornalla sobre la que está cocinando. **Nunca deje las hornallas sin supervisión en configuraciones de altas temperaturas.** El contacto adecuado de la batería de cocina con el quemador también mejorará la eficiencia. Las ebulliciones causan derrames humeantes y grasosos que podrían prenderse fuego.
- **Limpie la placa de cocción con precaución.** No utilice esponjas ni paños para limpiar derrames sobre un área de cocción caliente. Utilice una espátula de metal adecuada para la tarea. Si utiliza una esponja o paño húmedos para limpiar derrames sobre un área de cocción caliente, esto podría causar quemaduras por vapor. Algunos limpiadores pueden generar vapores nocivos si se aplican sobre una superficie caliente.
- No encienda las hornallas antes de colocar la batería de cocina.
- No guarde elementos pesados arriba la superficie de la placa de cocción que pudieran caer y dañarla.
- No coloque papel de aluminio ni artículos plásticos, como salero y pimentero, soportes para cucharas o envoltorios plásticos, ni ningún otro material sobre la cocina cuando esté en funcionamiento.
- No utilice esponjas de lana de acero, esponjas para fregar ni esponjas abrasivas de limpieza. Estas pueden rayar la superficie.

SUGERENCIAS PARA AHORRAR ENERGÍA

- Cocinar en varios estantes ahorra tiempo y energía. Siempre que sea posible, cocine alimentos que requieran la misma temperatura de cocción en un único horno.
- Para un desempeño óptimo y ahorro de energía, siga las pautas de la página 30 para colocar correctamente los estantes y las bandejas.
- Utilice piezas de la batería de cocina proporcionadas para la cantidad de alimentos que va a cocinar y así ahorrar energía al calentarlos. Calentar un litro de agua requiere más energía en una olla de tres litros, que en una de un litro.
- Utilice piezas de la batería de cocina con fondos planos para lograr el mejor contacto posible con la superficie de la placa de cocción al cocinar en la placa de cocción de vitrocerámica.
- Haga coincidir el tamaño del quemador o la hornalla de la placa de cocción con el tamaño del recipiente en uso. Utilizar una hornalla grande para una sartén pequeña desperdicia energía térmica, y la superficie expuesta de la hornalla es un riesgo de quemadura o incendio.
- Reduzca el uso de energía al limpiar la suciedad ligera del horno con la función EasyClean®, en lugar del autolimpiante.
- Evite abrir la puerta del horno más de lo necesario durante el uso. Esto ayuda a que el horno mantenga la temperatura, evita la pérdida innecesaria de calor y ahorra el consumo de energía.

SEGURIDAD DURANTE EL USO

⚠ PRECAUCIÓN

Supervise all cooking processes. Continuously supervise quick cooking processes.

- During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.
- No toque los estantes del horno mientras están calientes.
- No bloquee la abertura de ventilación.
- Acomode los estantes del horno solo cuando el horno esté frío.
- Si se debe mover un estante mientras el horno está caliente, evite que la agarradera toque el quemador del horno.
- Utilice con precaución las funciones Cocción temporizada o Cocción temporizada retardada. Utilice el reloj temporizador automático al cocinar carnes curadas o congeladas y la mayoría de las frutas y los vegetales. Los alimentos que pueden echarse a perder fácilmente como la leche, huevos, pescado, carne o aves se deben enfriar primero en el refrigerador. Incluso cuando se hayan enfriado, no deben permanecer en el horno durante más de 1 hora antes de iniciar la cocción y se los debe retirar rápidamente una vez que la cocción haya terminado. Ingerir alimentos en mal estado puede producir intoxicaciones alimentarias.
- Las partes accesibles podrían calentarse cuando se utiliza la parrilla.
- No coloque alimentos ni batería de cocina en el fondo de la cavidad del horno. Hacerlo podría causar daños permanentes al acabado de la base del horno.
- Only use the temperature probe recommended for this oven.
- **No utilice agua para apagar incendios provocados por grasa.** Si se produce un incendio en el horno, mantenga la puerta del horno cerrada y apague el horno. Si el fuego continúa, arroje bicarbonato de sodio sobre el fuego o utilice un extinguidor. No arroje agua ni harina sobre el fuego. La harina podría ser explosiva y el agua podría hacer que un incendio causado por grasa se propague y genere lesiones personales.
- Tire del estante del horno hasta llegar a la posición de bloqueo al cargar y descargar alimentos del horno. Esto ayuda a prevenir quemaduras causadas al tocar superficies calientes de la puerta y las paredes del horno.
- No utilice el horno si el quemador desarrolla un punto de brillo durante el uso o si muestra otros signos de daño. Un punto de brillo indica que el quemador podría fallar y representar un peligro potencial de quemadura, incendio o descarga eléctrica. Apague el horno de inmediato y solicite que un técnico calificado reemplace el quemador.
- Al usar bolsas para hornear o asar en el horno, siga las instrucciones del fabricante.

SEGURIDAD AL LIMPIAR

⚠ PRECAUCIÓN

Remove food, cookware, racks, and accessories from the oven before operating the self-cleaning function. Remove any items placed in the bottom drawer.

- Avoid touching the door, window, or oven vent area during a cleaning cycle, and keep children away from the appliance. These surfaces may get hotter than usual.
- Do not use a steam cleaner to clean the oven.
- Abra una ventana y encienda un ventilador o campana extractora antes de realizar la autolimpieza.
- Si el horno está muy sucio con aceite, realice la autolimpieza antes de volver a utilizarlo. El aceite podría causar un incendio.
- Limpie la suciedad difícil de la base del horno antes de usar la función autolimpieza.

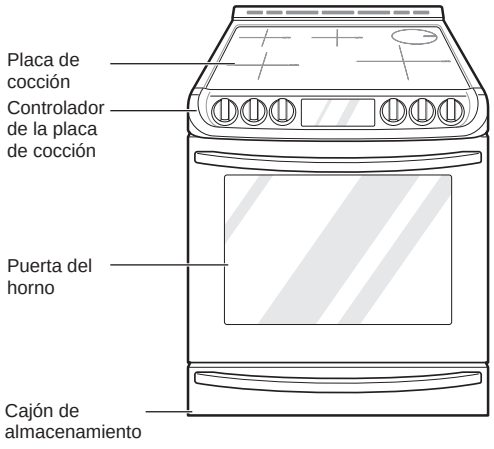
- **No utilice limpiadores para hornos.** No debe utilizarse ningún limpiador de hornos comercial ni ningún tipo de revestimiento de protección dentro o alrededor de ninguna parte del horno.
- Nunca deje aves domésticas en la cocina. La salud de las aves es sumamente sensible a los gases liberados durante un ciclo de autolimpieza del horno. Los gases podrían ser nocivos o fatales para las aves. Traslade las aves a un ambiente bien ventilado.
- Limpie con el ciclo de autolimpieza solo las partes indicadas en este manual. Antes de realizar la autolimpieza del horno, retire la asadera, todos los estantes del horno, la sonda para carne y cualquier otro utensilio o alimento del horno.
- Instrucción importante. El horno muestra el código de error F y se escuchan tres tonos largos durante el proceso de autolimpieza si está funcionando mal. Desconecte la energía eléctrica del horno desde el fusible principal o el panel disyuntor y solicite reparación a cargo de un técnico calificado.
- Es normal que la placa de cocción de la cocina se caliente durante el ciclo de autolimpieza. Por lo tanto, debe evitar tocar la placa de cocción, durante un ciclo de autolimpieza.
- Nunca derrame agua fría sobre el horno caliente para limpiarlo. Hacerlo podría provocar el mal funcionamiento del horno.
- Asegúrese de que las luces del horno estén frías antes de limpiar.
- **No limpie las juntas de la puerta del horno.** Las juntas de la puerta del horno son esenciales para lograr un buen sellado. No debe frotar, dañar ni mover la junta.
- Si se produce un incendio durante la limpieza automática, apague el horno y espere que se apague el incendio. No fuerce la puerta del horno para abrirla. La introducción de aire fresco a las temperaturas de autolimpieza podría ocasionar una explosión con llamas desde el horno. El incumplimiento de esta instrucción podría tener como consecuencia quemaduras graves.

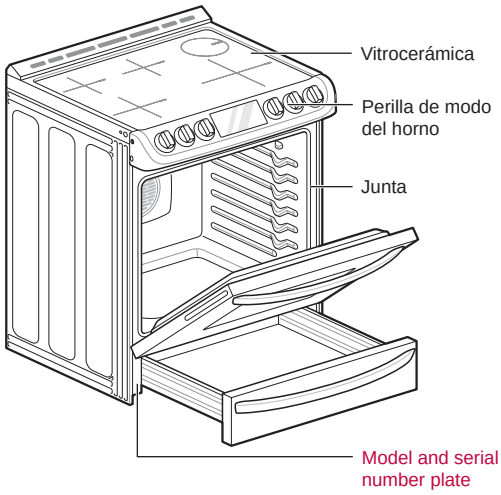
MODO CORRECTO DE COCINAR CARNES Y AVES

- Para evitar enfermedades transmitidas por los alimentos, cocine bien las carnes rojas y aves. La USDA ha indicado las siguientes como las temperaturas internas mínimas de seguridad para el consumo:
  - Carne molida de vaca: 160 °F
  - Aves: 165 °F
  - Carne de vaca, ternera, cerdo o cordero: 145 °F
  - Pescado/mariscos: 145 °F

DESCRIPCIÓN GENERAL DEL PRODUCTO

Piezas



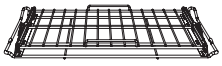


Accesorios

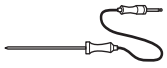
Accesorios incluidos



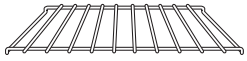
Estante pesado (2 c/u)



Estante deslizante (1 c/u)



Sonda para carne (1 c/u)



Bottom rack (1 c/u)



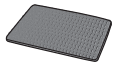
Limpiador para placa de cocción (1 c/u)



Esponja limpiadora para placa de cocción (1 c/u)

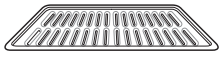


Botella rociadora (1 c/u)

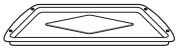


Esponja limpiadora que no raya (1 c/u)

Accesorios opcionales



Rejilla



Asadera

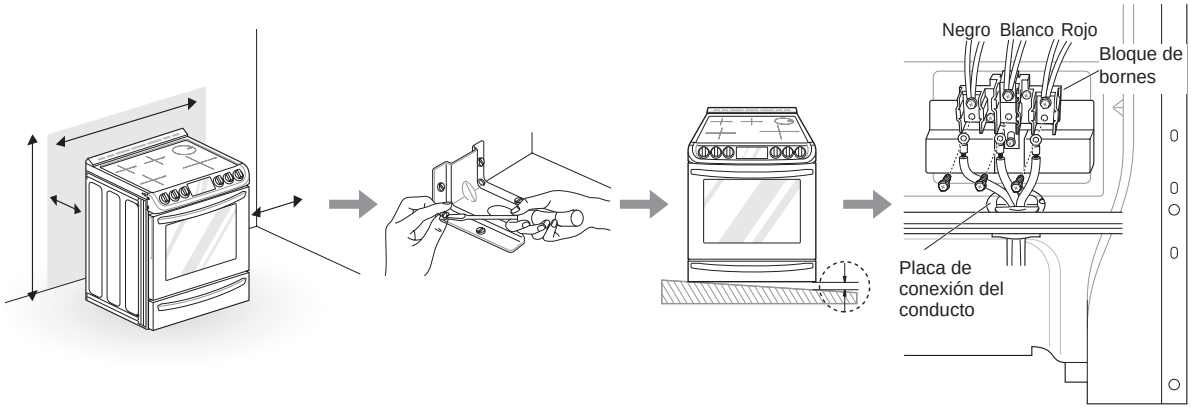
NOTA

- Comuníquese con el Servicio de atención al cliente de LG al 1-800-243-0000 (1-888-542-2623 en Canadá) si faltara algún accesorio.
- Para su seguridad y para extender la vida útil del producto, solo debe utilizar componentes autorizados.
- El fabricante no es responsable del mal funcionamiento del producto ni de accidentes causados por el uso de componentes o piezas no autorizados y comprados por separado.
- Las imágenes de esta guía podrían ser diferentes a los componentes y accesorios reales, que están sujetos a cambios a discreción del fabricante, sin previo aviso, con fines de mejorar el producto.

INSTALACIÓN

Descripción general de la instalación

Lea las siguientes instrucciones de instalación en primer lugar, después de comprar este producto o transportarlo a otra ubicación.

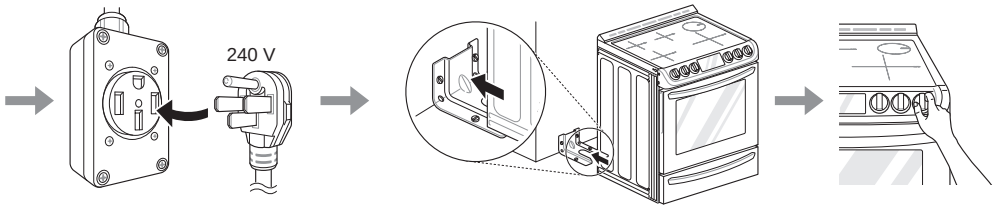


Verifique y elija la ubicación adecuada

Instale el dispositivo antivuelco

Nivele la cocina

Conecte la cocina eléctrica



Enchufe el cable de alimentación

Conecte el dispositivo antivuelco

Prueba de funcionamiento

Especificaciones del producto

La apariencia y las especificaciones detalladas en este manual podrían variar debido a mejoras constantes en el producto.

Modelos de cocinas con horno	LSE4617
Descripción	Cocina con horno eléctrica empotrable
Requisitos eléctricos	12,7 kW 120/240 VAC o 10,5 kW 120/208 VAC
Dimensiones exteriores	29 7/8" (Ancho) x 37 7/8" (Alto) x 26 1/2" (Profundidad) (Profundidad con la puerta cerrada) 75,7 cm (Ancho) x 96 cm (Alto) x 67,3 cm (Profundidad) (Profundidad con la puerta cerrada)
Altura hasta la superficie de cocción	36" (91,4 cm)
Peso neto	198 lb (90,0 kg)
Capacidad total	Capacidad total: 6,3) cu. ft.