LG
Life's Good

ENGLISH

OWNER'S MANUAL

ELECTRIC DOUBLE OVEN RANGE

Please read this guide thoroughly before operating and keep it handy for reference at all times.

LDE3037ST LDE3035ST LDE3031ST
LDE3037SB LDE3035SB LDE3037BD
LDE3037SW LDE3035SW

MFL63291204 (REV.11 150416)

www.lg.com

TABLE OF CONTENTS

3 IMPORTANT SAFETY INSTRUCTIONS

10 OVERVIEW

10 Accessories
11 Range Overview
13 Control Panel Overview

14 FEATURES

14 Settings
14 Clock
15 Timer On/Off
15 Convection Auto Conversion (on some models)
15 Oven Temperature Adjustment
16 Language (on some models)
16 Preheating Alarm Light
16 Beeper Volume
16 Fahrenheit or Celsius
16 Oven Light
16 Lockout
17 Start Time (Delayed Timed Cook)
17 Cook time (Timed Cook)

18 USING THE COOKTOP

18 Cooking Areas
18 Using the Cooktop Elements
20 Using the Proper Cookware

21 USING THE OVEN

21 Before Using the Oven
21 Oven Vent
21 Using Oven Racks
21 Sabbath Mode
22 Bake
22 Convection Bake (on some models)
23 Convection Roast (on some models)
23 Recommended Convection Roast Guide (on some models)
24 Recommended Baking and Roasting Guide
25 Broil
25 Speed Broil (on some models)
26 Recommended Broiling Guide
27 Warm
27 Proof
28 Kids Meal (on some models)
28 Favorites (on some models)
29 Pizza (on some models)

30 CARE AND CLEANING

30 Cleaning the Glass/Ceramic Cooktop
31 Self Clean
33 EasyClean™
35 Cleaning the Exterior
35 Changing the Oven Light
36 Removing and Replacing the Lift-Off Oven Door
37 Door Care Instructions

38 FAQS

40 TROUBLESHOOTING

44 WARRANTY

IMPORTANT SAFETY INSTRUCTIONS

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

Download this owner's manual at: http://www.lg.com.

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

WARNING

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

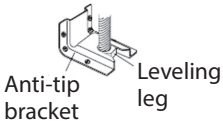
CAUTION

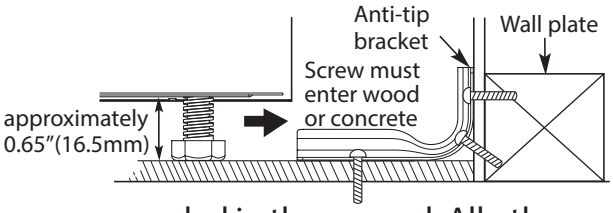
Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

ANTI-TIP SAFETY PRECAUTIONS

WARNING

- It is possible for a child or adult to tip the range and be killed.
- Verify that the anti-tip device has been properly installed and attached to the floor or wall and engaged to the leveling leg of the range.
- Ensure the anti-tip device is reengaged when the range is moved.
- To check that the anti-tip bracket is properly installed: Grasp the top rear edge of the range back guard and carefully attempt to tilt it forward. Verify that the anti-tip device is engaged.
- Do not operate the range without the anti-tip device in place and engaged.
- Failure to follow these instructions can result in death or serious burns to children or adults.





- Be certain that your appliance is properly installed and grounded by a qualified technician.
- Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be performed by a qualified technician.
- Always disconnect power from the appliance before servicing.

SAFETY PRECAUTIONS

WARNING

This product contains chemicals known to the State of California to cause cancer. ***Wash hands after handling.***

- **DO NOT TOUCH HEATING ELEMENTS OR INTERIOR SURFACES OF THE OVEN.** Heating elements may be hot even though they are dark in color. Interior surfaces of an oven become hot enough to cause burns. During and after use, do not touch or let clothing or other flammable materials contact heating elements or interior surfaces of oven until they have had sufficient time to cool. Other surfaces, such as oven vent openings and surfaces near these openings, oven doors, and windows of oven doors, also get hot and may cause burns if not cooled.
- **Use care when opening the oven door.** Let hot air or steam escape from the oven before removing or replacing food in the oven.
- **DO NOT** heat unopened food containers. Pressure in the containers may cause them to burst which may result in injury.
- **DO NOT force the door open.** This can damage the automatic door locking system. Use care when opening the oven door after the self cleaning cycle. Stand to the side of the oven when opening the door to allow hot air or steam to escape. The oven may still be VERY HOT.
- **DO NOT use harsh etching, abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface.** Scratches may cause the glass to shatter.
- **Be careful when removing and lifting the door.**
- **DO NOT lift the door by the handle.** The door is very heavy.
- **DO NOT** use utensils for removing refuse (ash, food etc.)
- Refer to the installation manual for proper anti-tip bracket installation.
- Never remove the oven legs. The range will not be secured to the anti-tip bracket if the legs are removed.

CAUTION

- **DO NOT line the oven walls, racks, bottom, or any other part of the oven with aluminum foil or any other material.** Doing so will disrupt heat distribution, produce poor baking results and cause permanent damage to the oven interior (aluminum foil will melt to the interior surface of the oven).
- Never attempt to dry a pet in the oven.
- Wear gloves when cleaning the range to avoid injury or burn.

WARNING

- **DO NOT step or sit on the oven door.** Install the anti-tip bracket packed with range.
  - The range could be tipped and injury might result from spilled hot liquid, food, or the range itself.
  - If the range is pulled away from the wall for cleaning, service, or any other reason, ensure that the anti-tip bracket are properly re-engaged when the range is pushed back against the wall.
  - Do not rest large, heavy items such as whole turkeys on the open oven door. The range could tip forward and cause injury.
- **NEVER use your appliance for warming or heating the room.**
- **DO NOT use water on grease fires. Should an oven fire occur, leave the oven door closed and turn the oven off. If the fire continues, throw baking soda on the fire or use a fire extinguisher.**
- **Only use dry pot holders. Moist or damp pot holders on hot surfaces may result in burns from steam. Do not let the pot holder touch hot heating elements. Do not use a towel or other bulky cloth to remove food.**
- **If the door glass, cooktop glass, surface, or oven heating unit of the range are damaged, discontinue use of the range and call for service.**
- **Do not operate the oven without the charcoal heater mesh.**
- **Do not allow anyone to climb, stand or hang on the door, storage drawer or cooktop. They could damage the range and even tip it over, causing severe personal injury.**
- **Do not open the oven door during the EasyClean™ cycle. 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.**

REMOVE FLAMMABLE AND EXPLOSIVE MATERIAL FROM THE APPLIANCE

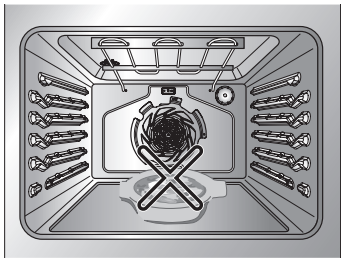
WARNING

- Be certain that all packing materials are removed from the appliance before operating. Keep plastic, clothes, paper, and other flammable materials away from parts of the appliance that may become hot.
- Do not store or use flammable material in the oven or near or on the cooktop. Flammable materials include paper, plastic, pot holders, linens, wall coverings, curtains, and gasoline or other flammable vapors and liquids such as grease or cooking oil. These materials can be ignited when the oven and cooktop are in use.
- Wear proper apparel. Do not wear loose-fitting or hanging garments which may ignite if they contact hot surfaces and cause severe burns.
- Metal objects such as unopened cans should not be left on the surface unit or heated in the oven. Pressure in the containers may cause them to burst, resulting in injury.
- Do not use the oven for drying clothes. Only use the oven for its intended purpose.

ELECTRICAL SAFETY

- **Protective Liners.** Do not use aluminum foil or any other material to line the oven bottom. Improper installation of these liners may result in a risk of electric shock or fire.
- **Do Not** allow aluminum foil or the temperature probe to contact heating elements.
- **Before replacing your oven light bulb, switch off the electrical power to the oven at the main fuse or circuit breaker panel.** Failure to do so can result in severe personal injury, death, or electrical shock.

PAN PLACEMENT



- **Do not place food or cookware on the bottom of the oven cavity.** Doing so will cause permanent damage to the oven bottom finish.

DEEP FAT FRYERS

- Use extreme caution when moving or disposing of hot grease.
- Always heat fat slowly, and watch as it heats.
- If frying combinations of oils and fats, stir together before heating.
- Use a deep fat thermometer, if possible, to prevent overheating fat beyond the smoking point.
- Use the least possible amount of fat for effective shallow or deep-fat frying. Filling the pan with too much fat can cause spillovers when food is added.

SAFETY DURING USE

- **Do not touch the oven racks while they are hot.**
- **If the rack must be moved while the oven is hot, do not let the potholder contact the hot heating element in the oven.**
- **Always use potholders or oven mitts when removing food from the oven or the center warming element.** Cookware will be hot.
- **Use caution with the TIMED BAKE or DELAYED TIMED BAKE features. Use the automatic timer when cooking cured or frozen meats and most fruits and vegetables. Foods that can easily spoil, such as milk, eggs, fish, meat or poultry, should be chilled in the refrigerator first. Even when chilled, they should not stand in the oven for more than 1 hour before cooking begins, and should be removed promptly when cooking is complete.** Eating spoiled food can result in sickness from food poisoning.
- **If an oven fire occurs, leave the oven door closed and turn the oven off. If the fire continues, throw baking soda on the fire or use a fire extinguisher.**

- **If an oven fire occur, DO NOT put water or flour on the fire.** Flour may be explosive and water can spread a grease fire and cause personal injury.
- **DO NOT use the broiler pan without the grid. DO NOT cover the grid with aluminum foil.**
- **Do not use plastic to cover food.** Use foil or oven-resistant lids only.
- **If the oven is heavily soiled with oil, self clean the oven before using the oven again. The oil could cause a fire.**
- Wipe up heavy soil on the bottom of the oven before using the Self Clean function.
- **Use proper pan sizes.** For smaller pots and pans, use the smaller heating elements. For larger pots and pans, use the larger heating elements. Select utensils that have flat bottoms large enough to cover the heating elements. The use of undersized utensils will expose a portion of the heating element to direct contact and may result in ignition of clothing.
- **Never leave surface units unattended at high heat settings.** Boilovers cause smoking and greasy spills that may ignite.
- **Glazed cooking utensils.** Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for range-top service without breaking due to the sudden change in temperature.
- **Utensil handles should be turned inward and not extend over adjacent surface units.** To reduce the risk of burns, ignition of flammable materials, and spillage due to unintentional contact with the utensil, the handle of a utensil should be positioned so that it is turned inward, and does not extend over adjacent surface units.

CHILD SAFETY

⚠ WARNING

- **Keep children and pets away from the oven.**
- **Accessible parts may become hot when the grill is in use.**
- **During normal operation (self-clean cycle, bake, etc.) DO NOT touch the hot surface between the bottom of the oven door and the top of the drawer on the front of the oven. Doing so is a burn hazard and will cause injury.**
- **Never let a child hang on the oven door.**
- **Do not allow children to crawl into the oven.**

⚠ CAUTION

- **DO NOT leave small children unattended near the oven.**
- During the self clean cycle, the outside of the oven can become very hot when you touch it.
- **NEVER leave children alone or unsupervised near the appliance when it is in use or is still hot. Children should never be allowed to sit or stand on any part of the appliance as they could be injured or burned.**
- **NEVER store items of interest to children in cabinets above the range. Children climbing on the range or on the oven door to reach items could be seriously injured.**

- **Let hot utensils cool in a safe place, out of reach of small children.**
- **Children should not be allowed to play with controls or other parts of the appliance.**

GLASS/CERAMIC COOKING SURFACES

Stand to the side of the range when opening the oven door. The hot air and steam that escape can cause burns to hands, face and eyes.

WARNING

- **DO NOT TOUCH SURFACE UNITS OR AREAS NEAR UNITS.**
- **Do not use the pan less than 7" diameter for the front surface units.**
- Surface units may be hot even though they are dark in color. Areas near surface units may become hot enough to cause burns. During and after use, do not touch, or let clothing or other flammable materials contact surface units or areas near units until they have had sufficient time to cool. This includes the cooktop and the area above the oven door.
- **Do not cook on a broken cooktop.** If the cooktop is broken, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. Contact a qualified technician immediately.
- **Clean cooktop with caution.** Do not use sponges or cloth to wipe spills on a hot cooking area. Use a proper metal scraper.
- **DO NOT use the glass cooktop** surface as a cutting board.
- **DO NOT place or store** items that can melt or catch fire on the glass cooktop, even when it is not being used.
- **DO NOT turn surface units on until before placing cookware.**
- **DO NOT store** heavy items above the cooktop surface that could fall and damage it.
- **DO NOT place** aluminum foil or plastic items such as salt and pepper shakers, spoon holders, or plastic wrappings or any other material on the range when it is in use.
- Be sure you know which control pads operate each surface unit. Make sure you turn on the correct surface unit.
- **NEVER cook directly on the glass.** Always use cookware.
- **Always place the pan in the center of the surface unit you are cooking on. NEVER leave surface units unattended at high heat setting. Proper contact of utensil to burner also will improve efficiency.**
  - Boilovers cause smoking and greasy spills that may catch on fire.
- **Always turn the surface units off before removing cookware.**
- **DO NOT use plastic wrap to cover food.**
  - Plastic may melt onto the surface and be very difficult to remove.
- **DO NOT touch surface units until they have cooled down.**
- The surface elements may still be hot and burns may occur if the glass surface is touched before it has cooled down sufficiently.
- Immediately clean spills on the cooking area to prevent a tough cleaning chore later.
- If cabinet storage is provided directly above the cooking surface, use it only for items that are not frequently used and can be safely stored in an area subjected to heat. Temperatures may be unsafe for volatile items such as flammable liquids, cleaners or aerosol sprays.

- When warming foods do not use containers that seal. Allow venting for heated air to escape.
- Some cleaners can produce dangerous fumes if applied to a hot surface.
- **DO NOT use a steel-wool pad.**
  - It will scratch the surface.
- **DO NOT use scrub pads or abrasive cleaning pads.**
  - They may damage your glass cooktop surface.
- **Cookware with rough edges or bottoms can mark or scratch the cooktop surface.**
- **Do not slide anything metal or glass across the cooktop.**
- **Do not use dirty cookware or cookware with dirt built-up on the bottom.**

SAFETY WHEN CLEANING

⚠ CAUTION

- **Open a window or turn on a ventilation fan or hood before self cleaning.**
- **Do not use oven cleaners.** Commercial oven cleaner or oven liner protective coating of any kind should not be used in or around any part of the oven.
- **Before self cleaning the oven.** Remove broiler pan, all oven racks, meat probe and any other utensils from the oven cavity.
- **Never keep pet birds in the kitchen.** The health of birds is extremely sensitive to the fumes released during an oven self clean cycle. Fumes may be harmful or fatal to birds. Move birds to a well-ventilated room.
- Clean in the self clean cycle only parts listed in this manual. Before self cleaning the oven, remove the broiler pan and any utensils or foods from the oven.
- It is normal for the cooktop of the range to become hot during a self clean cycle. Therefore, touching the cooktop during a clean cycle should be avoided.
- **Important Instruction.** If during the self clean process some error code F is displayed, and three long beeps sound, the oven is malfunctioning in the self clean mode. Switch off the electrical power to the main fuse or breaker and have the oven serviced by a qualified
- **Make sure oven lights are cool before cleaning.**
- Never pour COLD water over a hot oven for cleaning. Doing so may cause the oven to malfunction

COOK MEAT AND POULTRY THOROUGHLY

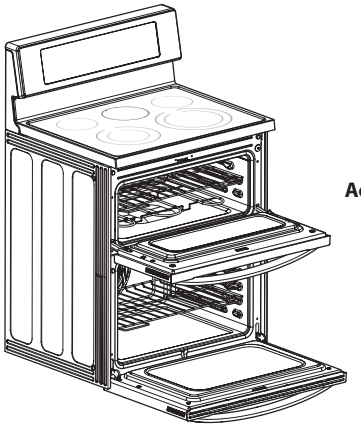
To protect against food borne illnesses, cook meat and poultry thoroughly. The USDA has indicated the following as safe minimum internal temperatures for consumption:

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

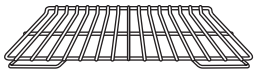
OVERVIEW

ACCESSORIES

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

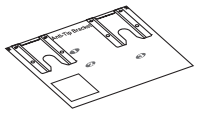


Accessories for cooking

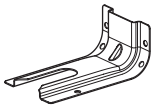


Standard rack (3ea)

Accessories for installation

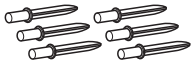


Template



Anti-tip bracket (1ea)

Screws (6ea)

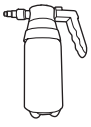


Anchors (6ea)

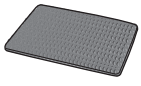
Accessories for maintenance (LDE3037, LDE3035 Model Only)

Cooktop Cleaner (1ea)

Accessories for EasyClean™



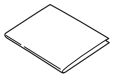
Spray bottle (1ea)



Non-scratch Scouring Pad (1ea)

Manual

Owner's manual



Installation manual

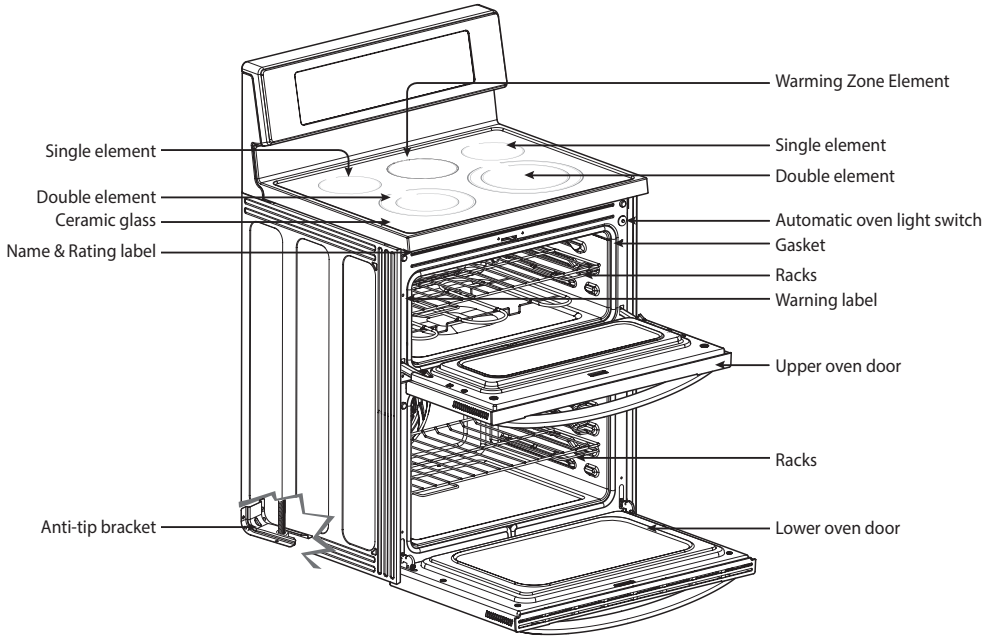
NOTE

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

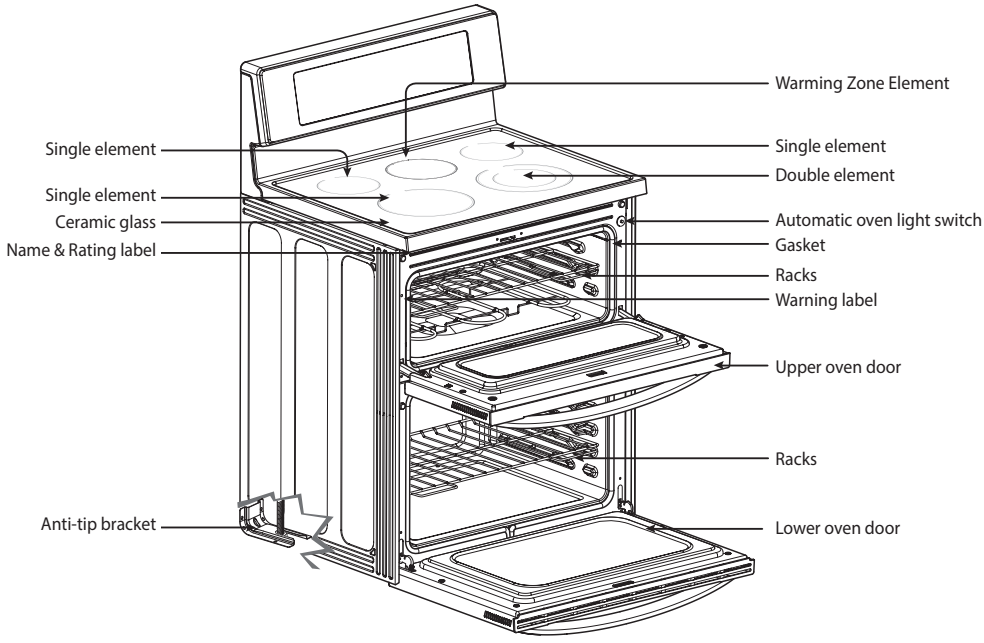
RANGE OVERVIEW

Make sure to understand the names and function of each part.
* Throughout this manual, the features and appearance may vary depending on your model.

For model : LDE3037



For model : LDE3035

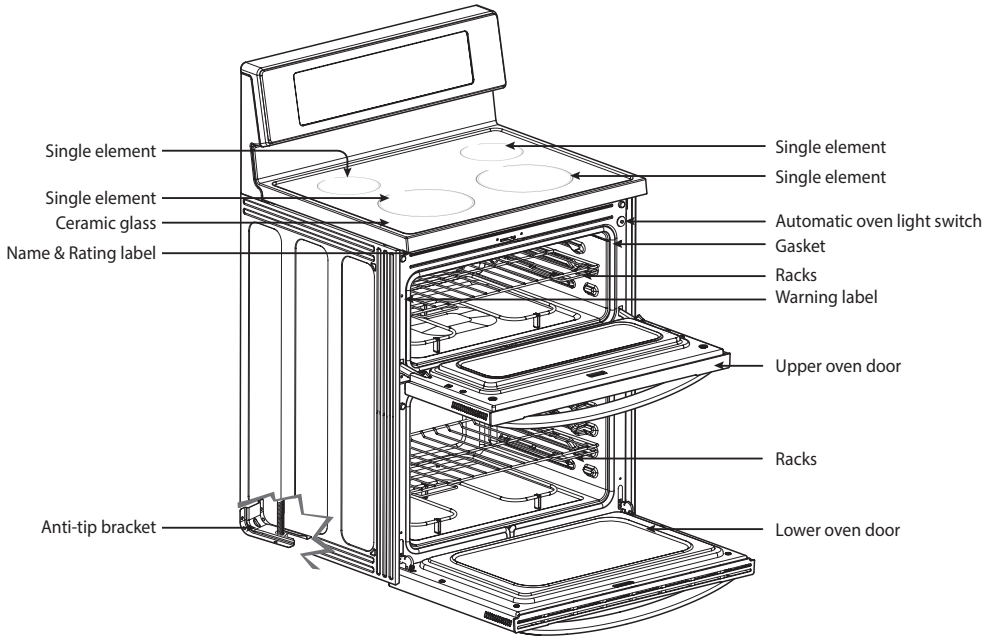


NOTE

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

RANGE OVERVIEW

For model : LDE3031

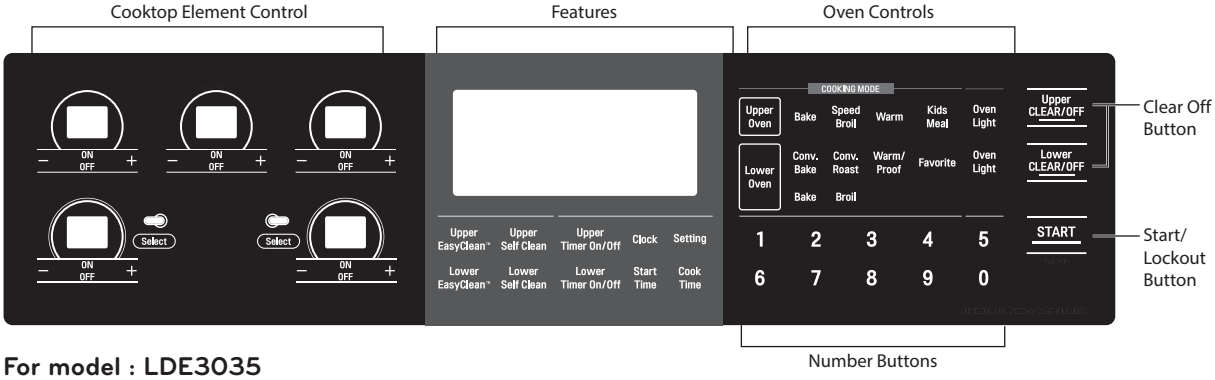


NOTE

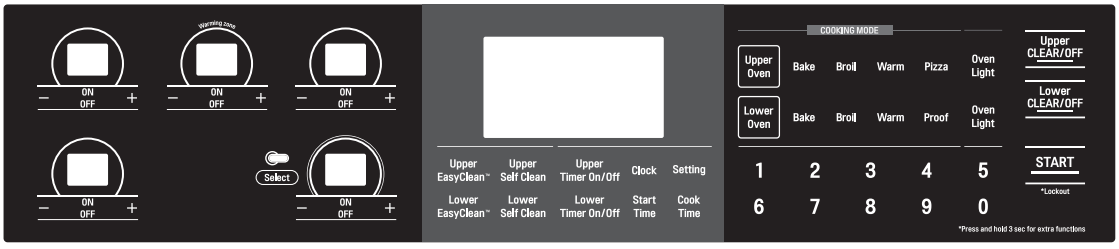
- The model and serial number can be verified at rating label.

CONTROL PANEL OVERVIEW

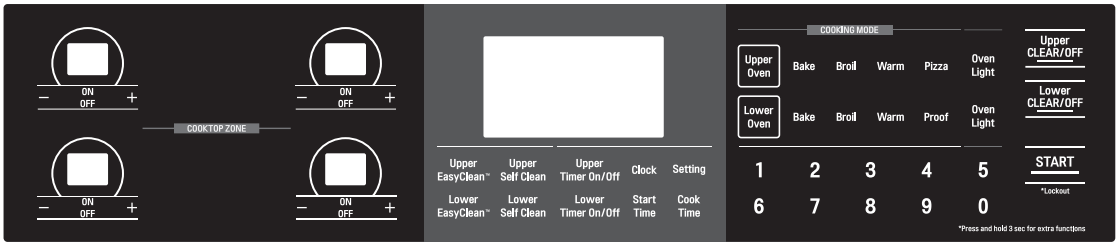
For model : LDE3037



For model : LDE3035



For model : LDE3031



NOTE

Cooktop Element Controls are set up in the same order as the corresponding elements.

HS (Hot Surface) Indicator

The HS indicator will appear in the display once the element is turned off or during the self clean cycle. The HS indicator will stay on until the surface has cooled to approximately 150˚F/66˚C or when the self clean cycle ends.

Flashing Time

If your oven displays a flashing clock, then press the Clock key and reset the time, or press any key to stop the flashing.

FEATURES

SETTINGS

Use the **SETTING** button to set Convection Auto Conversion (on some models), Language (on some models), Adjust oven temperature, Preheating Alarm Light, Beeper Volume and to switch the temperature scale between Fahrenheit and Celsius.

CLOCK

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

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

NOTE

- The time of the day cannot be changed during a Timed Baking or Self Clean cycle.
- To check the time of the day when the display is showing other information, simply press the **CLOCK** button.
- If no buttons are pressed within 25 seconds of pressing the **CLOCK** button, the display will revert to the original setting.
- If the display time is blinking, you may have experienced a power failure. Reset the time.

Setting the hour mode on the clock (12 or 24 hours)

Your control is set to use a 12-hour clock. If you would prefer to have a 24-hour time clock, follow the steps below.

1. Press and hold the **CLOCK** button for three seconds.
2. **LDE3037 :**
   Press the **1** button for 12-hour or the **2** button for 24-hour.
   LDE3035, LDE3031 :
   You can change 12H or 24H by pressing the **1** button.
3. Press the **START** button to accept.

Minimum & Maximum default settings

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

An entry error tone (two short tones) will sound if the entry of the temperature or time is below the minimum or above the maximum setting for the feature.

FEATURE		MIN. TEMP. /TIME	MAX. TEMP. / TIME	Default
CLOCK	12 Hr.	1:00 Hr. / Min.	12:59 Hr. / Min.	
	24 Hr.	0:00 Hr. / Min.	23:59 Hr. / Min.	
TIMER	12 Hr.	0:01 Min.	11:59 Hr. / Min.	
	24 Hr.	0:01 Min.	11:59 Hr. / Min	
COOK TIME	12 Hr.	0:01 Min.	11:59 Hr. / Min	
	24 Hr.	0:01 Min.	11:59 Hr. / Min	
CONVECTION BAKE		300°F / 150°C	550°F / 285°C	12 Hr.
CONVECTION ROAST		300°F / 150°C	550°F / 285°C	12 Hr.
BROIL		Lo - 400°F	Hi - 500°F	3 Hr.
BAKE		170°F / 75°C	550°F / 285°C	12 Hr.
PROOF				12 Hr.
WARM			170°F/75°C, 3 hours	
SELF CLEAN		3 Hr.	5 Hr.	4 Hr.

TIMER ON/OFF

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

To set the Timer (for example to set 5 minutes):

1. Press **UPPER TIMER ON/OFF** or **LOWER TIMER ON/OFF** twice.
   0:00 will appear and **TIMER** will flash in the display.
2. Press **5** in the number button.
   0:05 will appear in the display.
3. Press **TIMER ON/OFF** to start the Timer. The remaining time countdown will appear in the display.

NOTE

If **UPPER TIMER ON/OFF** or **LOWER TIMER ON/OFF** is not pressed, the timer will return to the time of day.

4. When the set time has run out, **End** will show in the display. The indicator tones will sound every 15 seconds until **UPPER TIMER ON/OFF** or **LOWER TIMER ON/OFF** is pressed.

NOTE

If the remaining time is not in the display, recall the remaining time by pressing the **UPPER TIMER ON/OFF** or **LOWER TIMER ON/OFF**.

NOTE

- If you press **UPPER TIMER ON/OFF** or **LOWER TIMER ON/OFF** once, it allows you to set the time in seconds.
- If you press **UPPER TIMER ON/OFF** or **LOWER TIMER ON/OFF** twice, it allows you to set the time in minutes.

To cancel the Timer before the set time has run out:

1. Press **UPPER TIMER ON/OFF** or **LOWER TIMER ON/OFF** once.
   The display will return to the time of day.

CONVECTION AUTO CONVERSION (ON SOME MODELS)

When cooking using a convection cycle (Conv. bake and roast), the oven temperature is automatically reduced by 25°F. The display will show the changed temperature. This feature is called "AUTO CONVERSION". Your range comes with this feature "ENABLED".

To DISABLE the auto conversion feature, follow instructions below.

1. Press the **SETTING** button one time. "AUTO" will appear in the display.
2. Press the **1** button to ENABLE or press the **2** button to DISABLE.
3. Press the **START** button to accept the change.

OVEN TEMPERATURE ADJUSTMENT

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

Adjusting the oven temperature

1. Press the **SETTING** button until "L-AJ" or "U-AJ" appears in the display
2. Using the number buttons, enter the amount of degrees that you wish to adjust the oven.
3. Press the **SETTING** button repeatedly to toggle between plus (+) or minus (-) to adjust the temperature either up or down.
4. Press the **START** button to accept the change.

NOTE

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

LANGUAGE (ON SOME MODELS)

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

1. Press the **SETTING** button until "Lng" appears in the display.

   Press the **1** button for English, **2** button for Spanish, or the **3** button for French.
2. Press the **START** button to accept the change.

PREHEATING ALARM LIGHT

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

1. Press the **SETTING** button until "PrE" appears in the display.
2. **LDE3037 :**
   Press the **1** button for ON or the **2** button for OFF.
   LDE3035, LDE3031 :
   You can change ON or OFF by pressing the **1** button.
3. Press the **START** button to accept the change.

BEEPER VOLUME

1. Press the **SETTING** button until "BEEP" appears in the display.
2. **LDE3037 :**
   Press the **1** button for LOUD, **2** button for NORMAL, **3** button for LOW, and press the **4** button for MUTE.
   LDE3035, LDE3031 :
   You can change Hi or Lo, OFF by pressing the number **1** button.
3. Press the **START** button to accept the change.

FAHRENHEIT OR CELSIUS

The oven temperature settings can either be set to Fahrenheit or Celsius. The oven defaults to Fahrenheit unless changed by the user.

1. Press the **SETTING** button until "UNIT" appears in the display.
2. **LDE3037 :**
   Press the **1** button for F (Fahrenheit) or the **2** button for C (Celsius).
   LDE3035, LDE3031 :
   You can change F (Fahrenheit) or C (Celsius) by pressing the number **1** button.
3. Press the **START** button to accept the change.

OVEN LIGHT

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

NOTE

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

LOCKOUT

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

1. Press and hold the **START** button for three seconds.
2. The lock melody will sound, **OVEN LOCKOUT** or **LOC** will appear in the display and the lock Icon will flicker in the display.
3. Once the oven door is locked, the lock Icon indicator will stop flickering and remain on.
4. To deactivate the Lockout feature, press and hold the **START** button for three seconds. The unlock melody will sound and the door and the controls will be unlocked.

START TIME (Delayed timed COOK)

The automatic timer of the DELAYED TIMED COOK function will turn the oven ON and OFF at the time you select. This feature can only be used with the: BAKE, CONVECTION BAKE and CONVECTION ROAST modes.

To set the oven to Delayed Start (for example, to BAKE at 300°F and start operating the bake mode at 4:30):

Make sure that the clock is set for the correct time of day.

1. Press the **BAKE** button. **350°F** will appear in the display.
2. Use the oven buttons to set the temperature: Press **3**, **0** and **0**.
3. Press the **START TIME** button.
4. Set the start time: Press **4**, **3** and **0** for 4:30.
5. Press the **START** button. A short beep will sound and the oven will begin baking.

NOTE

- To cancel the DELAYED TIMED COOK function, press the **CLEAR OFF** button at any time.
- To change the cooking time, repeat steps 3-4 and press the **START** button.
- If your oven clock is set as a 12 hour clock, you can delay the cook time for 12 hours. If your oven clock is set as a 24 hour clock, you can delay the cook time for 24 hours.

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

- **END** and the time of day will show in the display.
- The cook end indicator tone will sound every 60 seconds until the **CLEAR OFF** button is pressed.
- When WARM is set, the warming function is activated after cooking for the set time.

CAUTION

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

COOK TIME (TIMED COOK)

The TIMED COOK feature allows you to set the oven to cook for a specific length of time. This feature can only be used with the BAKE, CONVECTION BAKE, CONVECTION ROAST and FAVORITE modes.

Setting the TIMED COOK function (for example, BAKE at 300°F for 30 minutes):

Make sure that the clock is set to the correct time of day.

1. Press the **BAKE button**. 350°F will appear in the display.
2. Use the number buttons to set the temperature. Press **3**, **0** and **0**.
3. Press the **COOK TIME button**. **TIMED** will flash. **BAKE**, **0:00** and **300°F** will appear in the display.
4. Set the baking time: Press **3** and **0 (for 30 minutes)**. The baking time can be set for any amount of time between 1 minute and 11 hours and 59 minutes.
5. Press the **START** button. The display will show the cooking time countdown.

NOTE

To set the WARM function to engage at the end of the timed cook cycle, repeat steps 1-4 and then press the **WARM** button. **WARM** will appear in the display. (Refer to the "WARM" section on the previous page.

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

- **END** and the time of day will show in the display.
- The cook end indicator tone will sound every 60 seconds until the **CLEAR OFF** button is pressed.
- When WARM is set, the warming function is activated after cooking for the set time.

To change the cook time while operating the oven (for example, to change the cook time from 30 minutes to 1 hour and 30 minutes):

1. Press the **COOK TIME** button.
2. Press the number keys to change the baking time: **1**, **3**, **0**.
3. Press the **START** button to accept the change.

USING THE COOKTOP

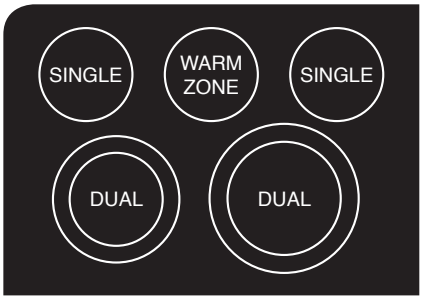
COOKING AREAS

The cooking areas on your range are identified by permanent circles on the glass cooktop surface. For the most efficient cooking, fit the pan size to the element size.

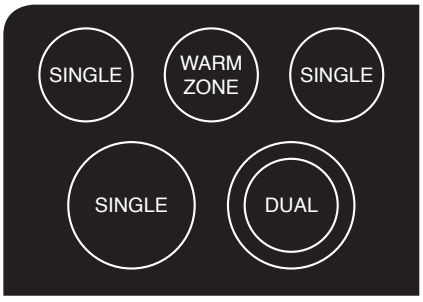
Pans should not extend more than 1/2 to 1-inch beyond the cooking area.

When a control is turned on, a glow can be seen through the glass cooktop surface. **The element will cycle on and off to maintain the preset heat setting, even on Hi.**

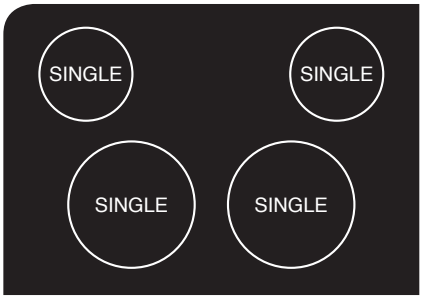
For model : LDE3037



For Model : LDE3035



For Model : LDE3031



Hot surface indicator

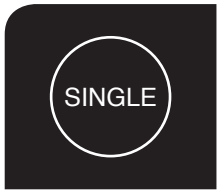
HS (Hot Surface) will appear in the display once the element is turned off or during the self clean cycle. The HS indicator will stay on until the surface has cooled to approximately 150°F (66°C) or when the self clean cycle ends.

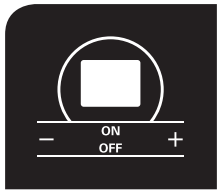
CAUTION

It is normal for the surface elements to cycle on and off during cooking, even at higher settings. This will happen more frequently if cooking on a lower temperature setting.

USING THE COOKTOP ELEMENTS

To turn on a SINGLE element





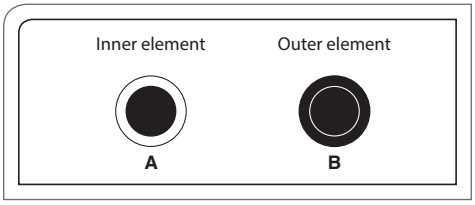
1. Press the **ON/OFF** button that controls the element that you would like to use.
2. Press the **+** button once to adjust the element temperature to Hi, or the **–** button once to adjust the element temperature to Lo.
3. Use the **– / +** buttons to adjust the element temperature settings. The element temperature settings are adjustable at all times.
4. To turn off the element after cooking, press the **ON/OFF** button once.

NOTE

- Hi is the highest temperature available.
- Lo is the lowest temperature available.
- Press and hold the **+** or **–** buttons to quickly scroll through the temperature settings.

To turn on a DUAL element (on some model)

Adjust the dual element according to the pot/pan size that you are using.



1. Press the **ON/OFF** button that controls the element that you would like to use.
2. Press the **SELECT** button to select either the inner (smaller) or outer (larger) element function. The dual elements default to the inner element function. The light bars above the **SELECT** button indicate whether the element is adjusted for the inner or outer element function. One bar will display for the inner element and two bars will display for the outer element.
3. Press the **+** button once to adjust the element temperature to Hi, or the **–** button once to adjust the element temperature to Lo.
4. Use the **– / +** buttons to adjust the element temperature settings. The element temperature settings are adjustable at all times.
5. To turn off the element after cooking, press the **ON/OFF** button once.

NOTE

- Hi is the highest temperature available.
- Lo is the lowest temperature available.
- Press and hold the **+** or **–** buttons to quickly scroll through the temperature settings.

CAUTION

- **NEVER leave food on the cooktop unattended.** Spillovers can cause smoke. Greasy spillovers may catch on fire.
- The oven surface element may appear to have cooled after it has been turned OFF. The element may still be hot and burn may occur if this element is touched before it has cooled sufficiently.

To turn on the Warming Zone (on some models)

Use the Warming Zone to keep food warm after it has already been cooked. The warming zone is not meant for cooking food. Attempting to cook uncooked or cold food on the warming zone could result in a food borne illness.

1. Press the warming zone **ON/OFF** button. The warming zone indicator light will flash.
2. Press the **+** button once to adjust the temperature to Hi, or the **–** button once to adjust the temperature to Lo. Power level sequence is from **–** Lo, 2, 3, 4, Hi or from **+** Hi, 4, 3, 2, Lo.
3. Use the **– / +** buttons to adjust the temperature settings. The temperature settings are adjustable at all times.
4. To turn off the warming zone, press the **ON/OFF** button once.

CAUTION

- Only use cookware and dishes that are safe for oven and cooktop use.
- Always use oven mitts when removing food from the cooktop and oven.
- Do not place sealed containers on the cooktop.
- DO NOT use plastic wrap to cover food while on the cooktop. Plastic may melt onto the surface and be very difficult to clean.
- When using the warming zone, food should be kept in its container and covered with a lid or aluminum foil to maintain food quality.
- DO NOT leave food on the warming zone for more than two hours.

The recommended surface cooking setting

Element	Temp.	Recommended Use
Single or Dual	8.5-Hi	• Bring liquid to a boil • Start cooking
	5.5-8.0	• Hold a rapid boil, frying, deep fat fry • Quickly brown or sear food
	3.5-5.0	• Maintain a slow boil • Fry or saute foods • Cook soups, sauces and gravies
	2.2-3.0	• Stew or steam food • Simmer
	LO-2.0	• Keep food warm • Melt chocolate or butter

Element	Temp.	Recommended Use
Warming Zone	Hi	• Fried Foods • Hot Beverage • Soups (liquid)
	2-4	• Dinner Plate with Food • Sauces • Soups (Cream) • Stew • Vegetables • Meats
	Lo	• Bread/Pastries • Gravies • Casseroles • Eggs

Home canning tips

Be sure that the canner is centered over the surface unit and flat on the bottom.

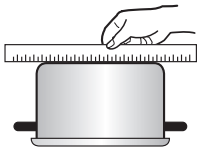
- The base must not be more than 1 inch larger than the element. Use of water bath canners with rippled bottoms may extend the time required to bring the water to a boil and cooktops may be damaged.
- Some canners are designed with smaller bases for use on smooth top surfaces.
- Use the high heat setting only until the water comes to a boil or pressure is reached in the canner.
- Reduce to the lowest heat setting that maintains the boil, or pressure. If the heat is not turned down, the cooktop may be damaged.

USING THE PROPER COOKWARE

Using the proper cookware can prevent many problems, such as food taking longer to cook or achieving inconsistent results. Proper pans will reduce cooking times and cook food more evenly. Stainless steel is recommended.

Check pans for flat bottoms by using a straight edge or ruler

1. Place a ruler across the bottom of the pan.
2. Hold the ruler and pan up to the light.
3. No light should be visible between the ruler and the pan.



NOTE

- **Do not use the pan less than 7" diameter for the front surface units.**
- Do not use a small pan on a large element. Not only does this waste energy, but it can also result in spillovers burning onto the cooking area.
- The bottom surfaces of cookware should be flat. Do not use cookware that is oversized or uneven such as rounded-bottom woks, cookware with a rippled bottom, or oversized canners and griddles.
- Do not use foil or foil-type containers. Foil may melt onto the glass. Do not use the cooktop if metal has melted on it. Call an authorized Service Center.

Recommended cookware	Do not use
Flat bottom and straight sides.	Curved, grooved, or warped pan bottoms. Pans with uneven bottoms do not cook efficiently and sometimes may not boil liquid.
Heavy-gauge pans.	Very thin-gauge metal or glass pans.
Pan sizes that match the amount of food to be prepared and the size of the surface element.	Pans that are smaller or larger than the element.
Weight of handle does not tilt pan. Pan is well balanced.	Cookware with loose or broken handles. Heavy handles that tilt the pan.
Tight-fitting lids.	Loose-fitting lids.
Flat bottom woks.	Woks with a ring-stand bottom.

USING THE OVEN

BEFORE USING THE OVEN

NOTE

- When using an oven thermometer in the oven cavity, the temperature may differ from the actual set oven temperature.

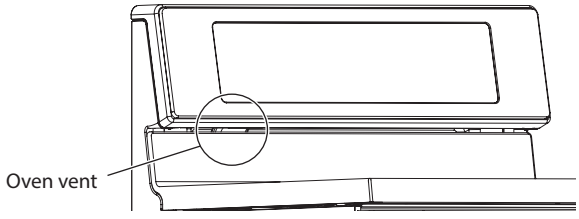
NOTE (ON SOME MODELS)

- It is normal for the convection fan to run while preheating during a regular bake cycle.
- The convection fan motor may run periodically during a regular bake cycle.

OVEN VENT

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

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



USING OVEN RACKS

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

To remove racks:

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

To replace racks.

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

CAUTION

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

OVEN CONTROLS

SABBATH MODE

Sabbath mode is typically used on the Jewish Sabbath and Holidays. When the SABBATH mode is activated, the oven does not turn off until the SABBATH mode is deactivated. In SABBATH mode, all function buttons, except for the CLEAR OFF is inactive. Sb will appear in both the cooktop and oven displays.

NOTE

If the oven light is turned ON and the SABBATH mode is active, the oven light will remain ON until the SABBATH mode is turned OFF. If the oven light needs to be OFF, be sure to turn the oven light OFF before activating the SABBATH mode. SABBATH mode can only be used while baking (BAKE mode).

Setting the SABBATH mode

1. Press the **BAKE** button.
2. Press the number buttons to enter the bake temperature.
3. Press the **START** button.
4. Press and hold the **SETTING** button for three seconds. SB and ▢ will appear in the display when the Sabbath mode is activated.
5. To cancel the Sabbath mode, press and hold the SETTING button for three seconds. To cancel the Bake function, press the **CLEAR OFF** button at any time.

Changing the temperature while in SABBATH mode

1. Press the **BAKE** button. (No tones will sound and the display will not change.)
2. Set the temperature using the number buttons.
3. Press the **START** button.

NOTE

There is a 15 second delay before the oven will recognize the temperature change.

BAKE

BAKE is used to prepare foods such as pastries, breads and casseroles. The oven can be programmed to bake at any temperature from 170°F (77°C) to 550°F (288°C). The default temperature is 350°F (177°C).

Setting the BAKE function (example, 375°F):

1. Press the **BAKE** button.
2. Set the oven temperature using the number buttons: Press **3**, **7** and **5**.
3. Press the **START** button. The oven will start to preheat.

As the oven preheats, the temperature is displayed and rises in 5 degree increments. Once the oven reaches the set temperature, a tone will sound and the oven light will blink on and off.

4. When cooking is complete, press the **CLEAR OFF** button.
5. Remove food from the oven.

NOTE (ON SOME MODELS)

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

Baking Tips

- Baking time and temperature will vary depending on the ingredients, size, and shaped 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 BAKE (ON SOME MODELS)

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 BAKE function (example, 375°F):

1. Press the **CONV. BAKE** button. The display will flash 350°F.
2. Set the oven temperature using the number buttons: Press **3**, **7** and **5**.
3. Press the **START** button. The display will show **CONV. BAKE** and the oven temperature starting at 100°F.

As the oven preheats, the display will show increasing temperatures in 5 degree increments. Once the oven reaches the set adjusted temperature, a tone will sound and the oven light will flash on and off. The display will show the auto converted oven temperature **350°F**, **CONV. BAKE** and the fan icon.

4. When cooking has finished or to cancel, press the **CLEAR OFF** button.

NOTE

The oven fan will run while convection baking. The fan will stop when the door is open, but the heat will not turn off. In some cases, the fan may shut off during a convection bake cycle.

Tips for Convection Baking

- Cookies and biscuits should be baked 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.
- When using Convection Bake with a single rack, place oven rack in position C. If cooking on multiple racks, place the oven racks in positions B and D (for 2 racks).
- Multiple oven rack cooking may slightly increase cook times for some foods.
- Cakes, cookies and muffins will have better results when using multiple racks.

CONVECTION ROAST (ON SOME MODELS)

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.

Setting the CONVECTION ROAST function (example, 375°F):

1. Press the **CONV. ROAST** button. The display will flash **350°F**.
2. Set the oven temperature using the number buttons: Press **3**, **7** and **5**.
3. Press the **START** button. The display will show **CONV. ROAST** and the oven temperature starting at 100°F.

As the oven preheats, the display will show increasing temperatures in 5 degree increments. Once the oven reaches the set adjusted temperature, a tone will sound and the oven light will flash on and off. The display will show the auto converted oven temperature **350°F**, **CONV. ROAST** and the fan icon.

4. When cooking has finished or to cancel, press the CLEAR OFF button.

NOTE

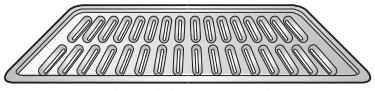
The oven fan will run while convection roasting. The fan will stop when the door is open, but the heat will not turn off. In some cases, the fan may shut off during a convection roast cycle.

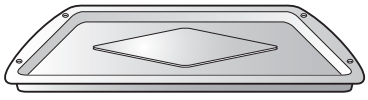
RECOMMENDED CONVECTION ROAST GUIDE (ON SOME MODELS)

When preparing meats for convection roasting, use the broiler pan, grid and roasting rack. The broiler pan will catch grease spills and the grid will help prevent grease splatters. The roasting rack will allow the heat to circulate around the meat.

1. Place the oven rack on the bottom or next to the bottom rack position.
2. Place the gride in the broiler pan.
3. Place the roasting rack on the grid. Make sure that the roasting rack is securely seated on the grid in the broiler pan.
4. Place the broiler pan on the oven rack.

Roasting rack


Grid (sold separately)


Broiler Pan (sold separately)

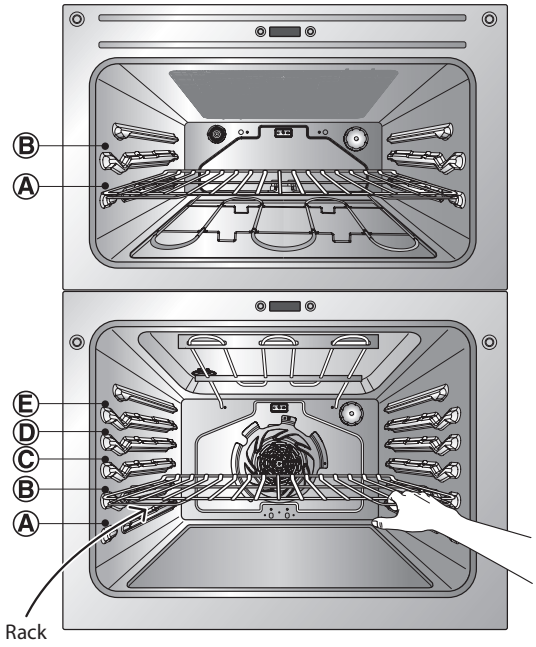
CAUTION

- **DO NOT use the roasting rack when broiling.** This will help prevent food from coming in contact with the broil element and grease from splattering.
- DO NOT use the broiler pan without the grid.
- DO NOT cover the grid with aluminum foil.
- Position food (fat side up) on the roasting rack.

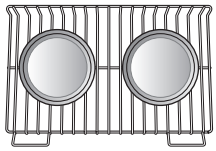
RECOMMENDED BAKING AND ROASTING GUIDE

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 positions **AS SHOWN BELOW FIGURE.**

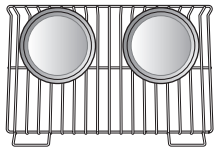
Rack and Pan Placement



For model : LDE3037

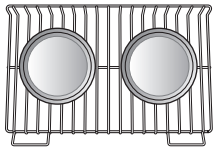


Standard rack (Position 'D')



Standard rack (Position 'B')

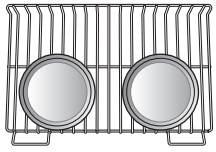
Multiple rack baking



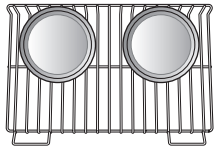
Standard rack

Single rack baking

For model : LDE3035, LDE3031

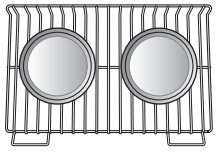


Standard rack (Position 'D')



Standard rack (Position 'B')

Multiple rack baking



Standard rack

Single rack baking

Baking rack guide

Food		Shelf position	
		Upper Oven	Lower Oven
Cakes	- Layer cakes - Bundt cakes	A A	C C
Cookie	- Sugar - Chocolate chips - Brownies	A A A	C C C
Pizza	- Fresh - Frozen	A A	B B
Pastry Crust	- Scratch - Refrigerator	A A	B B
Breads	- Biscuit, canned - Biscuit, scratch - Muffins	A A A	C B B
Desserts	- Fruit crisps and cobblers, scratch - Pies, scratch, 2 crust furit	A A	C B

Roasting rack guide

Food			Shelf position
			Lower Oven
Beef	Rib	Rare Medium Well done	B B B
	Boneless rib, top, sirloin	Rare Medium Well done	B B B
	Beef tenderloin	Rare Medium	B B
Pork	Rib		B
	Bone-in, sirloin		B
	Ham, cooked		B
Poultry	Whole chicken		B
	Chicken pieces		B
	Turkey		A

BROIL

The Broil function uses intense heat from the upper heating element to cook food. BROIL 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.

This range is designed for open door broiling. The door has a broil stop position.

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.

SPEED BROIL (ON SOME MODELS)

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.

To set the oven to BROIL / SPEED BROIL

1. Open the oven door to the broil stop position (about 10 degrees from the closed position).
2. Press the **BROIL** or **SPEED BROIL** button once for **Hi** or twice for **Lo**.
3. Press the **START** button. The oven will begin to heat.
4. If using Broil, it is best to let the oven preheat for approximately five minutes before cooking food.
5. When cooking is complete, or to cancel at any time, press the **CLEAR OFF** button.

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. NEVER use a broiler pan that is not 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 (refer to Fig.1)

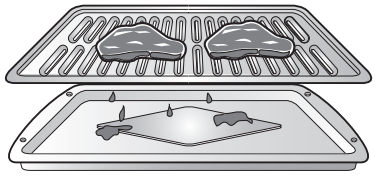
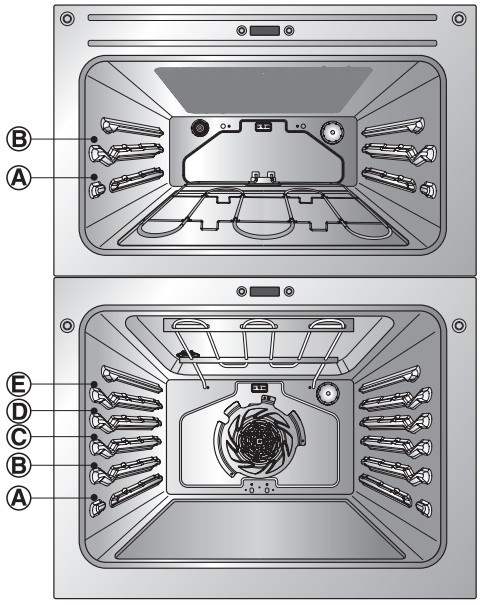


Fig.1



Broiling Chart

Food	Quantity and/or Thickness	Upper oven			Lower oven			Comments
		Shelf Position	First Side (minutes)	Second Side (minutes)	Shelf Position	First Side (minutes)	Second Side (minutes)	
Ground Beef Well done	1 lb. (4 patties) 1/2 to 3/4" thick	B	6-8	5-7	E	5-7	3-5	Space evenly. Up to 8 patties may be broiled at once.
Beef Steaks								
Rare	1" thick	B	3-4	2-3	E	5	2-3	Steaks less than 1" thick cook through before browning. Pan frying is recommended. Slash fat.
Medium	1 to 1 1/2 lbs.	B	4-5	2-3	E	5-7	3-4	
Well done		B	5-6	3-4	E	6	4-5	
Rare	1 1/2" thick	A	8	3-4	D	10	4	
Medium	2 to 2 1/2 lbs.	A	9	4-5	D	10-12	5-6	
Well done		A	10	5-6	D	12	6-8	
Chicken	1 whole cut up 2 to 2 1/2 lbs., split lengthwise	A	10	4-6	C	14-16	4-6	Broil skin-side-down first.
	2 Breasts	A	9-10	3-5	D	8-9	3-5	
Lobster Tails	2–4 10 to 12 oz. each	-	-	-	B	12-14	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	B	5	2-3	D	6	3-4	Handle and turn very carefully. Brush with lemon butter before and during cooking, if desired.
Ham Slices (precooked)	1/2" thick	B	4-5	2-3	D	6-8	2-4	Increase time 5 to 10 minutes pre side for 1 1/2" thick or home-cured ham.
Pork Chops	1 (1/2" thick)	B	7	3-5	E	5-6	2-4	Slash fat.
Well done	2 (1" thick) about 1 lb.	A	7	2-4	D	9-10	4-6	
Lamb Chops								
Medium	2 (1" thick) about	B	4-5	2-3	D	6	3-4	Slash fat.
Well done	10 to 12 oz.	B	5-6	3-4	D	8	4-5	
Medium	2 (1 1/2" thick)	A	9	4-5	D	10	5-6	
Well done	about 1 lb.	A	10	5-6	D	12	6-8	
Salmon Steaks	2 (1" thick)	B	6	3-5	D	8	4-6	Grease pan. Brush steaks with melted butter.
	4 (1" thick) about 1 lb.	A	7	3-5	D	9	4-6	

• This chart is only for reference. Adjust cook time according to your preference.

Broiling Tips

Beef

- Steaks and chops should always be allowed to rest for five minutes before cutting into them and eating. This allows the heat to distribute evenly through the food and creates a more tender and juicy result.
- Consider removing thick pieces of meat from the refrigerator 30 minutes prior to cooking. This will help them cook more quickly and evenly, and will produce less smoke when broiling. Please note that 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 Medium 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 3 hours after cooking has finished. The Warm function may be used without any other cooking operations or can be used after cooking has finished using TIMED BAKE or DELAYED TIMED BAKE.

Setting the WARM function:

1. Press the **WARM** or **WARM/PROOF** button.
2. Press **START**.
3. Press the **CLEAR OFF** button at any time to cancel.

To set the WARM function after timed cooking:

1. Select the cooking function.
2. Enter the oven temperature using the number buttons.
3. Press the **COOK TIME** button and enter the cook time using the number buttons.
4. Press the **WARM** button.
5. Press the **START** button.
6. When cooking is finished, press the **CLEAR OFF** button to cancel the WARM function.

NOTE

The WARM function is intended to keep food warm. Do not use it to cool the food down.

PROOF

Setting the PROOF function:

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

1. Use rack B or C for proofing.
2. Press the **PROOF** or **WARM/PROOF** button until PrF appears in the display.
3. Press the **START** button.
4. Press the **CLEAR OFF** button 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 will not operate when the oven is above 125°F. **HOT** will show in the display.

KIDS MEAL (ON SOME MODELS)

This function is specially designed to cook popular kids foods such as regular crust pizza, rising crust pizza, fresh pizza, chicken nuggets, french fries, and hamburger patties.

When using this function, there is no need to preheat the oven prior to cooking.

Setting the KIDS MEAL function:

1. Press the **KIDS MEAL** button.
2. **FROZEN PIZZA**, **REGULAR CRUST** will appear in the display. Press the **START** button if cooking frozen regular crust pizza.
3. Press the **KIDS MEAL** button continuously to scroll through the different settings on the display. Select from: **FROZEN PIZZA, RISING, FRESH PIZZA, CHICKEN NUGGETS, FRENCH FRIES and HAMBURGER PATTIES**.
4. When the display shows the food that you would like to prepare, press the **START** button.
5. Press the **CLEAR OFF** button once the food is done cooking or to cancel.

Kids meal Chart

Food	Recommended quantity	Shelf position	Recommended time (minutes)
Frozen pizza, Regular crust	12″	A	13-18
Frozen pizza, Rising crust	12″	A	18-20
Fresh pizza	12″	A	12-15
Chicken nuggets	1-4 servings (3.5oz per 1 serving)	A	11-15
French fries	1-4 servings (3.5oz per 1 serving)	A	12-21
Hamburger patties	4-12 patties, 1/2″ thick	B	9-12

• This chart is only for reference. Adjust cook time according to your preference.

FAVORITES (ON SOME MODELS)

The FAVORITES function is used to record and recall your favorite recipe settings. You can store and recall up to three different settings.

Setting the FAVORITES function:

1. Press the **FAVORITES** button once for Bread, twice for Meat, and three times for Chicken. The default temperature will appear and COOK will flash in the display.

Category	Press the Favorite button	Default Temp. (may be changed and recalled)	Cook mode
Bread	Press FAVORITE once.	375°F	BAKE
Meat	Press FAVORITE twice.	325°F	Convection Roast
Chicken	Press FAVORITE three times.	350°F	Convection Roast

2. Press the number buttons to change the default temperature.
3. Press the **START** button. The preheat indicator tones will sound 3 times when the oven reaches the programmed temperature.

NOTE

Only the oven temperature can be modified and stored. The category name and cook mode will stay the same.

PIZZA (ON SOME MODELS)

The Pizza function is specially designed for cooking pizza. It heats from both the top and bottom to brown food more evenly.
This system is designed to give the optimum cooking performance for pizza by automatically selecting a combination of the broil and bake heating systems.
When using this function, there is no need to preheat the oven prior to cooking.
By using smaller space than the lower oven, it also provides heating efficiency.

NOTE

This function is offered only for the UPPER OVEN.
You can only use the PIZZA function with the UPPER OVEN.

Setting the PIZZA function

1. Press **PIZZA** once. **P1** will appear in the display. Whenever you touch **PIZZA** one more time, the display will appear **P1**, **P2**, **P1**, **P2**, … in order.
2. Press **START**. The PIZZA function will start operation.
3. Press **UPPER CLEAR OFF** to cancel PIZZA at any time.

Pizza Chart

Display Mode	Food	Recommended quantity	Shelf position	Recommended time (minutes)
P1	**Frozen pizza, Regular crust**	12″	A	13-18
P2	**Frozen pizza, Rising crust**	12″	A	18-20

• This chart is only for reference.
Adjust cook time according to your preference.

CARE AND CLEANING

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 potholder while cleaning the hot cooking surface.

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. Daily use of ceramic cooktop cleaner will 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

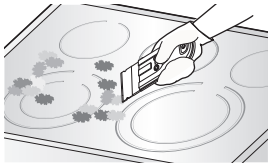
DO NOT heat the cooktop until it has been cleaned thoroughly.

IMPORTANT:

If any sugar or food containing sugar (preserves, ketchup, tomato sauce, jellies, fudge, candy, syrups, chocolate,etc.), 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 potholder while cleaning the hot cooking surface.

Burned-on Residue

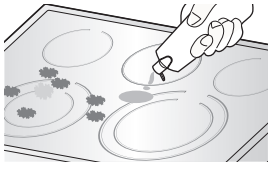
1. While the cooktop is still hot, remove any burnt-on deposits or spilled food from the glass/ceramic cooking surface with a suitable metal razor scraper (similar to scraping paint off of a windowpane - it will not damage the decorated cooking surface). Hold the scraper at an approximate 30° angle to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



NOTE

- Do not use a dull or nicked blade.
- To prevent burns, wear an oven mitt or potholder 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.

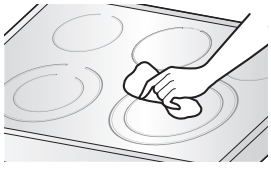


NOTE

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. Clean with clear water and wipe the cooktop surface with a clean, dry paper towel.

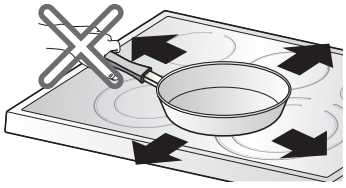


Metal Marks and Scratches

1. Be careful not to slide pots and pans across the cooktop. Doing so will leave metal markings on the cooktop surface. To help remove these marks, use a ceramic cooktop cleaner with a cleaning pad for ceramic cooktops.
2. If pots with a thin overlay of aluminum or copper are allowed to boil dry, the overlay may leave black discoloration on the cooktop. This should be removed immediately before heating again or the discoloration may be permanent.

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 bottom.

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 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.

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. Press the **SELF CLEAN** button. The oven defaults to the recommended four hour self clean for a moderately soiled oven. Press twice for a five hour self clean or three times for a three hour self clean.
3. Press **START**.
4. Once the Self Clean is set, the oven door will lock automatically and the lock icon will display. You will not be able to open the oven door until the oven is cooled. The lock will release automatically when the oven has cooled.

CAUTION

DO NOT force the oven door open when the lock icon is displayed. The oven door will remain 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. Press the **SELF CLEAN** button. The oven defaults to the recommended four hour self clean for a moderately soiled oven. Press twice for a five hour self clean or three times for a three hour self clean.
3. Press the **START TIME** button.
4. Use the number buttons to enter the time of day you would like the Self Clean to start.
5. Press the **START** button.

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, press the **CLEAR OFF** button.

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 LOCKED is displayed. The oven door will remain locked until the oven temperature has cooled. Forcing the door open will damage the door.

NOTE

- The Self Clean cycle cannot be started if the Lockout feature is active.
- Once the Self Clean cycle is set, the oven door will lock automatically. You will not be able to open the oven door until the oven is cooled. The lock will release automatically.
- Once the door has been locked, the LOCKED indicator light will stop flashing and remain 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 Self Clean cycle

- The oven door will remain 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 clean cycle, repeat the cycle.
- If oven racks were left in the oven and do not slide smoothly after a 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.

EasyClean™

LG's EasyClean™ enamel technology gives you two cleaning options for the inside of your 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 20 minutes in low temperatures to help loosen LIGHT soils before hand-cleaning.

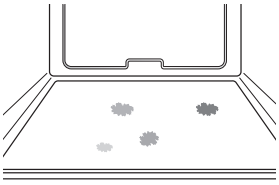
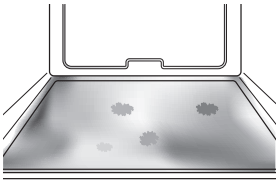
While EasyClean™ is quick and effective for small and LIGHT soils, the Self Clean feature can be used to remove HEAVY built up soils. The intensity and high heat of the Self Clean cycle may result in smoke which will require the opening up of windows to provide ventilation. Compared to the more intense 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, your 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

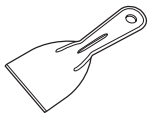
* The Self Clean cycle can be used for soil that has been built up over time.

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), "**OVEN IS HOT- - PLEASE WAIT**" 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 lower oven, it is better to use the Self Clean cycle.

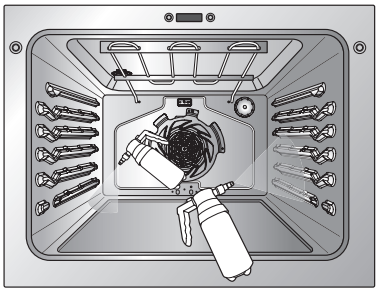
EasyClean™ INSTRUCTION GUIDE

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 50 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

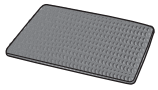
Use the "mist" setting on the spray bottle for better coverage.
The entire 1¼ cup (10 oz or 300 ml) of water should be used for each oven cavity cleaned.
Do not spray water directly on the door. Doing so will result in water dripping to the floor.

6. Close the oven door.
   Press the **EasyClean™** button.
   Press the **START** button.

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 20-minute cycle. Press the **CLEAR OFF** button 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. If you are cleaning the upper oven on a double oven range, it is also best to cover the holes in the top of the lower oven door with a towel to capture any water that may drip into the door 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™, press the **CLEAR OFF** button 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.

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 (on some models)

To avoid scratches, do not use steel wool pads.

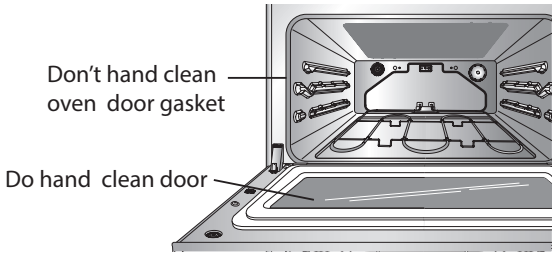
1. Place a small amount of stainless steel appliance cleaner or polish on a damp cloth or paper towel.
2. Clean a small area, rubbing with the grain of the stainless steel if applicable.
3. Dry and buff with a clean, dry paper towel or soft cloth.
4. Repeat as necessary.

Oven door

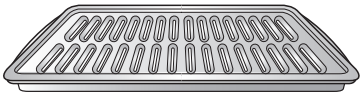
- Use soapy water to thoroughly clean the oven door. Rinse well. DO NOT immerse the door in water.
- You may use a glass cleaner on the outside glass of the oven door. DO NOT spray water or glass cleaner on the door vents.
- DO NOT use oven cleaners, cleaning powders, or harsh abrasive cleaning materials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

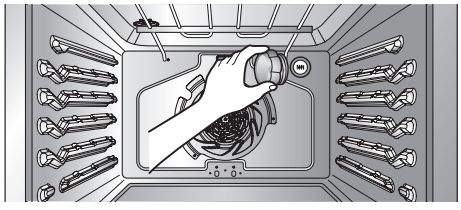


- Do not store a soiled broiler pan or grid anywhere in the range.
- Do not clean the broiler pan or grid in a self cleaning mode.
- Remove the grid from the pan. Carefully pour out the grease from the pan into a proper container.
- Wash and rinse the broiler pan and grid in hot water with a soap-filled 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.

CHANGING THE OVEN LIGHT

The oven light is a standard 40-watt appliance bulb. It will turn on when the oven door is open. When the oven door is closed, press the **OVEN LIGHT** button 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 counter-clockwise to remove.
3. Turn the bulb counter-clockwise 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.

REMOVING & REPLACING THE LIFT-OFF OVEN DOOR

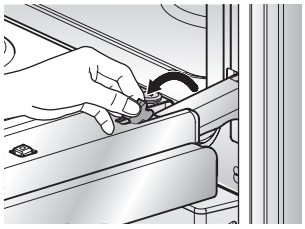
CAUTION

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

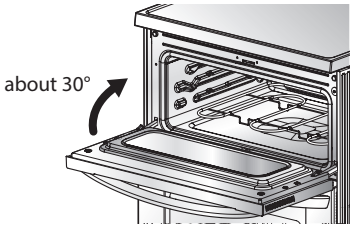
UPPER OVEN

To remove the door:

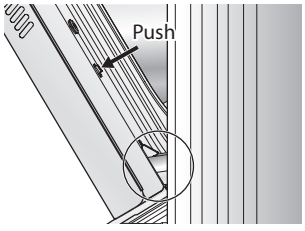
1. Fully open the door.
2. Lift up and rotate the hinge locks toward the oven frame until they stop.



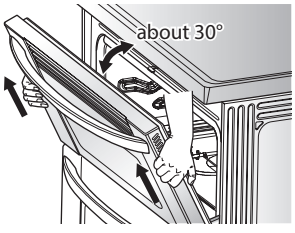
3. Close the door to 30 degrees (you will feel the door stop). The hinge locks will contact the oven frame.



4. On both sides of the door, press down on the release buttons on each hinge.

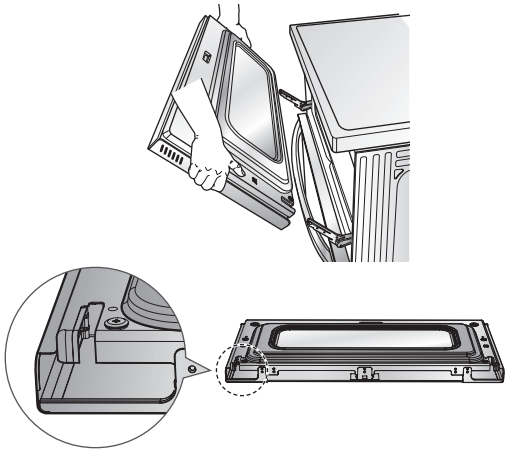


5. Lift the door up until it is clear of the hinges.

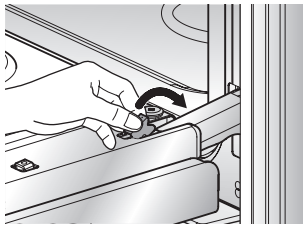


To replace the door:

1. Be sure both hinges are in a 30 degree position.
2. Slide the door back onto the hinges until you hear a solid click and the release buttons have engaged.



3. Fully open the door.
4. Push the hinge locks down onto the hinges.

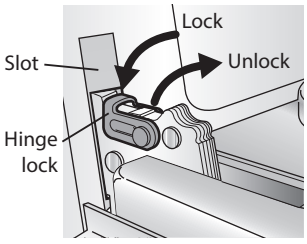


5. Close the oven door.

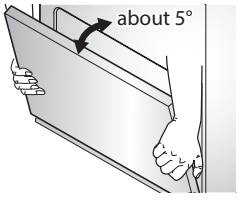
LOWER OVEN

To remove 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.



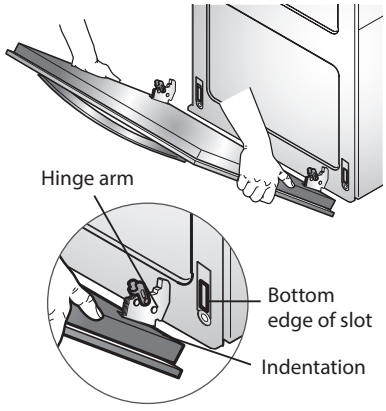
3. Firmly grasp both sides of the door at the top.
4. Close the door to the removal position (approximately five degrees) which is halfway between the broil stop position and fully closed. If the position is correct, the hinge arms will move freely.



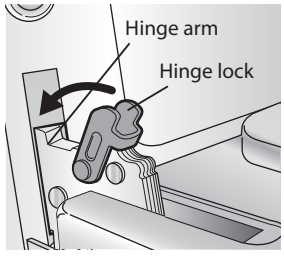
5. Lift door up and out until the hinge arms are clear of the slots.

To replace 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.

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.

FAQs

What types of cookware are recommended for use with my cook top?

- 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 does "HS" appear on the cooktop display?

HS (Hot Surface) will appear in the display once the element is turned off or during the self clean cycle. The HS indicator will stay on until the surface has cooled to approximately 150°F (66°C) or when the self clean cycle ends.

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 a NORMAL operation of the cooking elements to cycle on and off. This is NORMAL operation.

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 a NORMAL operation.

Why is the time flashing?

This means that the product has just been plugged in, or that it has experienced a power interruption. To clear the flashing time, press any button and 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?

No. If aluminum foil is placed on the bottom of the oven cavity, it will burn and you will not be able to remove it. The heater for the oven is below the oven cavity and provides direct heat to the bottom of the cavity. If you already have burnt foil on the bottom, do not worry, as it will not hinder the performance.

Can I use aluminum foil on the racks?

It is not recommended to place aluminum foil inside the oven cavity. Using foil on the racks will restrict airflow which could lead to poor cooking results.

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, is it recommended to clean the stain while the cooktop is still warm. Use an oven mitt when cleaning to prevent burns. Refer to the CARE AND CLEANING section of this owner's manual for further instruction.

Should I broil with the door open or closed?

Your electric range is designed for open-door broiling. The door has a broil stop position. The broil stop position is about 10 degrees from the closed position.

Why aren't the function buttons working?

Make sure that the range is not in Lockout mode. The lock symbol 🔒 will show in the display if Lockout is activated. To deactivate Lockout, press and hold the **START** button for three seconds. The unlock melody will sound and UNLOCKING will appear 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 50 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 1-1/4 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 1/4cup (2 oz or 50 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 nonscratch 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.

Can I run the EasyClean™ cycle on both of my ovens at once?

Yes. You can run the EasyClean™ cycle on both ovens at the same time. Some oven surfaces will be hot after the cycle completes running. Avoid leaning or resting on the oven door glass while cleaning the oven cavities. You can not run the Self Clean cycle on both ovens at the same time.

TROUBLESHOOTING

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.

Problem	Possible Causes / Solutions
Range is not level.	• 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.
Cannot move appliance easily. Appliance must be accessible for service.	• 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.
Oven control beeps and displays any F code error.	• Electronic control has detected a fault condition. Touch **CLEAR OFF** to clear the display and stop beeping. Reprogram oven. If fault recurs, record fault number. Touch **CLEAR OFF** and contact a Service agent. **CODE** / **CAUSE** F-3 / Shorted keypad F-10 / Door locking system don't operate F-11 / No heating
Surface units will not maintain a rolling boil or cooking is not fast enough	• 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.
Surface units do not work properly	• 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.
Surface unit stops glowing when changed to a lower setting	• This is normal. The unit is still on and hot.
Areas of discoloration on the cooktop	• Food spillovers not cleaned before next use. - See **Cleaning the Glass 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.

Problem	Possible Causes / Solutions
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 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.
Food does not broil properly	• Oven controls improperly set. - Make sure you press the **BROIL** button. • Improper rack position being used. - See the **Broiling Guide**. • Cookware not suited for broiling. - Use the broiling pan and grid that came with your range.

Problem	Possible Causes / Solutions
Food does not broil properly	• 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 usage. Small scratches do not affect cooking and will become less visible with time. • Cleaning materials not recommended for ceramic-glass cooktop have been used. See **Cleaning the Glass 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 ceramic-glass cooktop cleaning creme to remove the marks. See **Cleaning the Glass Cooktop** in the MAINTENANCE section.
Brown streaks or specks	• Boilovers are cooked onto surface. Use the blade scraper to remove soil. See **Cleaning the Glass Cooktop** in the MAINTAINANCE section.
Areas of discoloration on cooktop.	• Mineral deposits from water and food. Remove using a ceramic-glass 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.
Oven racks are difficult to slide	• Apply a small amount of vegetable oil to a paper towel and wipe the edges of the oven racks with the paper towel.
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.
Displayed Time is flashing	• This is normal. This means that the product has just been plugged in, or that it has experienced a power interruption. Press the **Clock** key and reset the time, or press any key to stop the flashing.

Problem	Possible Causes / Solutions
Excessive smoking during a self clean cycle	• Excessive soil. - Press the CLEAR OFF button. 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.
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. - Press the CLEAR OFF button. 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.
Oven door will unlock after selfclean cycle	• Oven interior is still hot. 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 indicator word is not displayed. • The control and door may be locked.
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.

WARRANTY (USA)

LG Electronics Inc. will repair or replace your product, at LG's option, if it proves to be defective in material or workmanship under normal use, during the warranty period set forth below, effective from the date of original consumer purchase of the product. This limited warranty is good only to the original purchaser of the product and effective only when used in U.S.A.

WARRANTY PERIOD	HOW SERVICE IS HANDLED
One Year From the date of the original purchase.	**Any part** of the oven that fails due to a defect in materials or workmanship. During this full **one-year warranty**, LG will also provide, **free of charge**, all labour and in-home service to replace the defective part.

THIS WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, 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. LG WILL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INDIRECT, OR INCIDENTAL DAMAGES OF ANY KIND, INCLUDING LOST REVENUES OR PROFITS, IN CONNECTION WITH THE PRODUCT. SOME STATES DO NOT ALLOW LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY DOES NOT APPLY TO:

1. Service calls to correct the installation of your appliance, to instruct you how to use your appliance, to replace house fuses or correct house wiring, or to replace owner-accessible light bulbs.
2. Repairs when your appliance is used in other than normal, single-family household use.
3. Pickup and delivery. Your appliance is designed to be repairable in the home.
4. Damage resulting from accident, alteration, misuse, abuse, fire, flood, improper installation, acts of God, or use of products not approved by LG Corporation.
5. Repairs to parts or systems resulting from unauthorized modifications made to the appliance.
6. Replacement parts or repair labour costs for units operated outside the united states.
7. Any labour costs during the limited warranty period.

This warranty is extended to the original purchaser for products purchased for home use within the U.S.A. In Alaska, the warranty excludes the cost of shipping or service calls to your home. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are, consult your local or state consumer affairs or your state's Attorney General.

CUSTOMER ASSISTANCE INFORMATION:

To Prove Warranty Coverage	**Retain your Sales Receipt to prove date of purchase.** A copy of your Sales Receipt must be submitted at the time warranty service is provided.
To Obtain the Nearest Authorized Service Center or Sales Dealer, or to Obtain Product, Customer, or Service Assistance	**Call 1-800-243-0000** (Phone answered 24 hours - 365 days a year) and choose the appropriate prompt from the menu; or visit our website at: www.lg.com

LG
Life's Good

LG Customer Information Center
1-800-243-0000 USA, Consumer User 1-888-542-2623 CANADA
Register your product Online!
www.lg.com

Printed in Mexico