

This Owner's Manual is provided and hosted by [Appliance Factory Parts](#).



FRIGIDAIRE FPEF4085KFA Owner's Manual

[Shop genuine replacement parts for FRIGIDAIRE
FPEF4085KFA](#)



[Find Your FRIGIDAIRE Electric Range Parts - Select From 279 Models](#)

----- Manual continues below -----

FRIGIDAIRE

All about the

Use & Care

of your Range



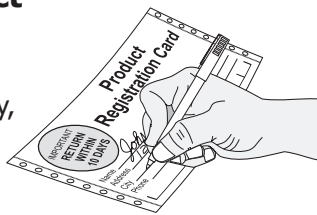
TABLE OF CONTENTS

Welcome & Congratulations	2	Setting Auxiliary Oven	25
Important Safety Instructions.....	3	Care & Cleaning (Cleaning Chart)	26
Features at a Glance.....	7	Care & Cleaning	27
Surface Cooking	8	Before You Call	32
Setting Surface Controls	10	Notes	35
Before Setting Oven Controls	12	Major Appliance Warranty	36
Setting Main Oven Controls.....	13		

WELCOME & CONGRATULATIONS

Product Registration Register Your Product

The **PRODUCT REGISTRATION CARD** should be filled in completely, signed and returned to Electrolux Home Products.



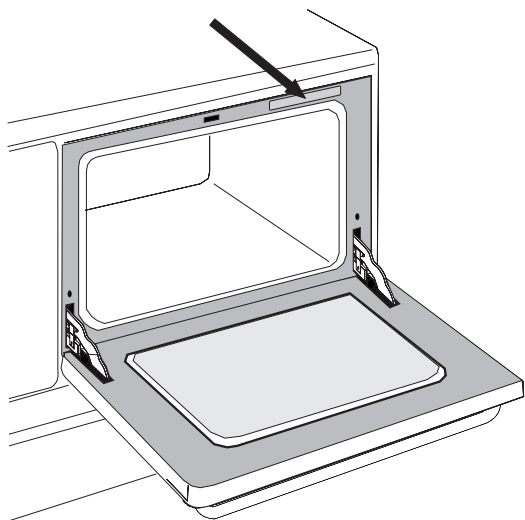
Congratulations on your purchase of a new appliance! At **Electrolux Home Products**, we are very proud of our product and are completely committed to providing you with the best service possible. Your satisfaction is our number one priority.

We know you'll enjoy your new appliance and **Thank You** for choosing our product. We hope you consider us for future purchases.

PLEASE CAREFULLY READ AND SAVE THESE INSTRUCTIONS

This Use & Care Manual contains general operating instructions for your appliance and feature information for several models. Your product **may not** have all the described features. The graphics shown are representative. The graphics on your appliance may not look exactly like those shown. These instructions are not meant to cover every possible condition and situation that may occur. Common sense and caution must be practiced when installing, operating and maintaining any appliance.

Serial Plate Location



Please record your model and serial numbers below for future reference.

Model Number: _____

Serial Number: _____

Purchase Date: _____

NOTE

Please attach sales receipt here for future reference.



IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.
Save these instructions for future reference.


WARNING

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury or death.

FOR YOUR SAFETY:

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS:**
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, servicer or the gas supplier.

DEFINITIONS

 This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

WARNING

This symbol will help alert you to situations that may cause serious bodily harm, death or property damage.

CAUTION

This symbol will help alert you to situations that may cause bodily injury or property damage.

IMPORTANT

IMPORTANT indicates installation, operation or maintenance information which is important but not hazard-related.

WARNING



- All appliance can tip.
- Injury to persons could result.
- Install anti-tip bracket packed with your appliance.
- See Installation Instructions.



To reduce the risk of tipping, the appliance must be secured by properly installed anti-tip bracket provided with the unit. Refer to the Installation Instructions for proper anti-tip bracket installation.

- **Remove all tape and packaging wrap before using the appliance. Discard the carton and plastic bags after unpacking the appliance.** Use recycling facility where available. Never allow children to play with packaging material. Do not remove the wiring label and other literature attached to the appliance. Do not remove model/serial number plate.
- **Proper Installation. Be sure your appliance is properly installed and grounded by a qualified technician in accordance in the National Fuel Gas Code ANSI Z223.1 latest edition, and National Electrical Code ANSI/NFPA No. 70-latest edition and local code requirements.** Install only per installation instructions provided in the literature package for this range.

Ask your dealer to recommend a qualified technician and an authorized repair service. Know how to disconnect the electrical power to the appliance at the circuit breaker or fuse box and gas supply at the main shutoff valve in case of an emergency. Remove the drawer to access the valve.
- **User Servicing. Do not repair or replace any part of the appliance unless specifically recommended in the manuals.** All other servicing should be done only by a qualified technician, this may reduce the risk of personal injury and damage to the appliance.
- **Never modify or alter the construction of an appliance by removing leveling legs, panels, wire covers, anti-tip brackets/screws, or any other part of the product.**

IMPORTANT SAFETY INSTRUCTIONS

WARNING

Stepping, leaning, sitting or pulling down on the door or the drawer of this appliance can result in serious injuries and also cause damage to the appliance. Do not allow children to climb or play around the appliance. The weight of a child on an open door may cause the appliance to tip, resulting in serious burns or other injury.

Do not use the oven for storage.

- **Storage in or on Appliance. Flammable materials should not be stored in an oven, near surface burners.** This includes paper, plastic and cloth items, such as cookbooks, plastic ware and towels, as well as flammable liquids. Do not store explosives, such as aerosol cans, on or near the appliance. Flammable materials may explode and result in fire or property damage.

CAUTION

Do not store items of interest to children in the cabinets above the appliance. Children climbing on the cooktop to reach items could be seriously injured.

- **Do not leave children alone. Children should not be left alone or unattended in the area where an appliance is in use.** They should never be allowed to sit or stand on any part of the appliance.
- **DO NOT TOUCH SURFACE UNITS, AREAS NEAR THESE UNITS, OVEN HEATING ELEMENTS OR INTERIOR SURFACES OF THE OVEN.** Both surface burners and oven heating elements 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 touch these areas until they have had sufficient time to cool. Among these areas are the cooktop, surfaces facing the cooktop, the oven vent openings and surfaces near these openings, oven door and window.
- **Wear Proper Apparel. Loose-fitting or hanging garments should never be worn while using the appliance.** Do not let clothing or other flammable materials contact hot surfaces.

WARNING

NEVER use your appliance as a space heater to heat or warm the room. Doing so may result in carbon monoxide poisoning and overheating of the oven.

In case of fire or gas leak, be sure to turn off the main gas shutoff valve.

- **Do Not Use Water or Flour on Grease Fires.** Smother the fire with a pan lid, or use baking soda, a dry chemical or foam-type extinguisher.
- **When heating fat or grease, watch it closely.** Fat or grease may catch fire if allowed to become too hot.
- **Use Only Dry Pot holders. Moist or damp pot holders on hot surfaces may result in burns from steam.** Do not let the pot holders touch hot surface units. Do not use a towel or other bulky cloth instead of a pot holder.
- **Do Not Heat Unopened Food Containers. Buildup of pressure may cause the container to burst and result in injury.**
- **Remove the oven door from any unused appliance if it is to be stored or discarded.**

IMPORTANT

Do not attempt to operate the appliance during a power failure. If the power fails, always turn off the unit. If the unit is not turned off and the power resumes, the oven may begin to operate again. Food left unattended could catch fire or spoil.

WARNING

Do not use stove top grills on your sealed gas burners. If you use a stove top grill on a sealed gas burner, it will cause incomplete combustion and can result in exposure to carbon monoxide levels above allowable current standards. This can be hazardous to your health.

Do not use stove top grills on the burner grates of sealed gas burners. If you use a stove top grill on a sealed gas burner, it will cause incomplete combustion and can result in exposure to carbon monoxide levels allowable current standards. This can be hazardous to your health.

CAUTION

Electronic controllers can be damaged by cold temperatures. When you use your appliance for the first time, or if it has not been used for a long period of time, make sure that it has been exposed to a temperature above 0°C/32°F for at least 3 hours before connecting it to the power supply.

IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT INSTRUCTIONS FOR USING YOUR COOKTOP

- **Know which knob controls each surface heating unit.** Always turn the knob to the LITE position when igniting the burner. Visually check that burner has lit. Then adjust the flame so it does not extend beyond the edge of the utensil.
- **Use Proper Pan Size**—This appliance is equipped with one or more surface units of different sizes. Select utensils having flat bottoms large enough to cover the surface unit. The use of undersized utensils will expose a portion of surface heating to direct contact and may result in ignition of clothing. Proper relationship of utensil to the surface will also improve efficiency.
- **Utensil Handles Should Be Turned Inward and Should 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 the utensil should be positioned so that it is turned inward, and does not extend over adjacent surface unit.
- **Never Leave Surface Burners Unattended at High Heat Settings**—Boilovers cause smoking and greasy spillovers that may ignite, or a pan that has boiled dry may melt.
- **Protective Liners**—Do not use aluminum foil to line oven bottom or any other part of the appliance. Only use aluminum as recommended for baking if used as a cover placed on the food. Any other use of protective liners or aluminum foil may result in a risk of electric shock or fire or a short circuit.
- **Glazed Cooking Utensils**—Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for cooktop service without breaking due to the sudden change in temperature. Check the manufacturer's recommendations for cooktop use.
- **Do Not Use Decorative Surface Burner Covers.** If a burner is accidentally turned on, the decorative cover will become hot and possibly melt. Burns will occur if the hot covers are touched. Damage may also be done to the cooktop or burners because the covers may cause overheating. Air will be blocked from the burner and cause combustion problems.

FOR GLASS COOKTOPS ONLY

- **Do not clean or operate a broken cooktop**—If cooktop should break, cleaning solutions and spillovers may penetrate the broken cooktop and create a risk of electric shock. Contact a qualified technician immediately
- **Clean cooktop glass with caution**—If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid a steam burn. Some cleaners can produce harmful fumes if applied to a hot surface.
- **Do not place hot cookware on cold cooktop glass**—This cold cause glass to break.
- **Avoid scratching the cooktop glass with sharp objects.**

IMPORTANT SAFETY INSTRUCTIONS FOR USING YOUR OVEN

- **Use Care When Opening Oven Door**—Stand to the side of the appliance when opening the door of a hot oven. Let hot air or steam escape before you remove or replace food in the oven.
- **Keep Oven Vent Ducts Unobstructed.** Each oven has its own vent located on the top, near each side and towards the back of the cooktop. Touching the surfaces in this area when the oven is operating may cause severe burns. Also, do not place plastic or heat-sensitive items on or near the oven vent. These items could melt or ignite.



WARNING

NEVER cover any slots, holes or passages in the oven bottom or cover an entire rack with materials such as aluminum foil. Doing so blocks air flow through the oven and may cause carbon monoxide poisoning. Aluminum foil linings may trap heat, causing a fire hazard.

- **Placement of Oven Racks.** Always place oven racks in desired location while appliance is cool. Remove all utensils from the rack before removing rack. If rack must be moved while oven is hot, use extreme caution. Use pot holders and grasp the rack with both hands to reposition. Do not let pot holders contact the hot oven element or interior of the oven.
- **Do not use a broiler pan without its insert.** Broiler pan and its grid allow dripping fat to drain and be kept away from the high heat of the broiler.
- **Do not cover the broiler grid or oven bottom with aluminum foil.** Exposed fat and grease could ignite.
- **Do not touch a hot oven light bulb with a damp cloth.** Doing so could cause the bulb to break. Disconnect the appliance or shut off the power to the appliance before removing and replacing the bulb.

IMPORTANT SAFETY INSTRUCTIONS FOR CLEANING YOUR OVEN

- **Clean the appliance regularly to keep all parts free of grease that could catch fire.** Exhaust fan ventilation hoods and grease filters should be kept clean. Do not allow grease to accumulate. Greasy deposits in the fan could catch fire. When you are flaming food under the hood, turn the fan ON. Refer to the hood manufacturer's instructions for cleaning.
- **Cleaners/Aerosols**—Always follow the manufacturer's recommended directions for use. Be aware that excess residue from cleaners and aerosols may ignite causing damage and/or injury.

IMPORTANT SAFETY INSTRUCTIONS

- **Clean in the self-cleaning cycle only the parts of the appliance listed in this Owner's Guide.** Before using the self-cleaning cycle of the appliance, remove all utensils or foods from the appliance.
- **Do not clean the oven door gasket.** The door gasket is essential for a good seal. Care should be taken not to rub, damage or move the gasket.
- **Do not use oven cleaners.** No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the appliance.
- **Remove oven racks.** Oven racks color will change if left in the oven during a self-cleaning cycle.



CAUTION

The health of some birds is extremely sensitive to the fumes given off during the self-clean cycle of any wall oven. Move birds to another well ventilated room.



IMPORTANT SAFETY NOTICE

The California Safe Drinking Water and Toxic Enforcement Act requires the Governor of California to publish a list of substances known to the state to cause cancer, birth defects or other reproductive harm, and requires businesses to warn customers of potential exposure to such substances.

CONVERSION TO LIQUEFIED PETROLEUM GAS (L.P. GAS)

This natural gas range is designed to allow for conversion to Liquefied Petroleum (L.P.) Gas.

If L.P. conversion is needed, contact the service center for assistance. The L.P. Conversion Kit is provided with this cooktop and is located in the literature envelope. Before installing the kit be sure to follow the L.P. Installation Instructions carefully.



WARNING

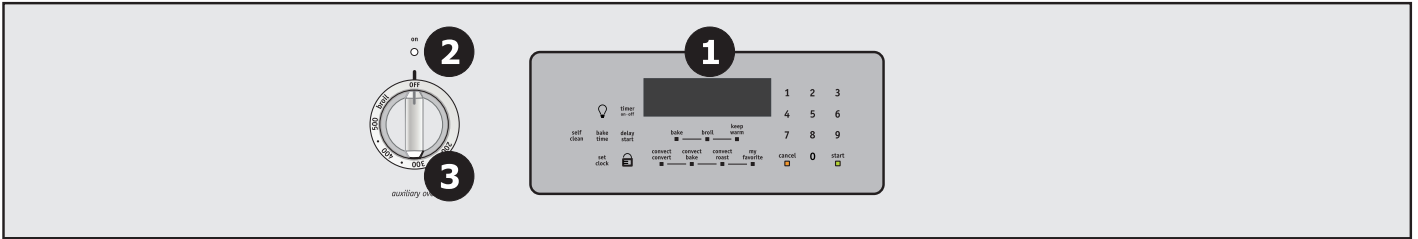
Personal injury or death from electrical shock may occur if the range is not installed by a qualified installer or electrician.



CAUTION

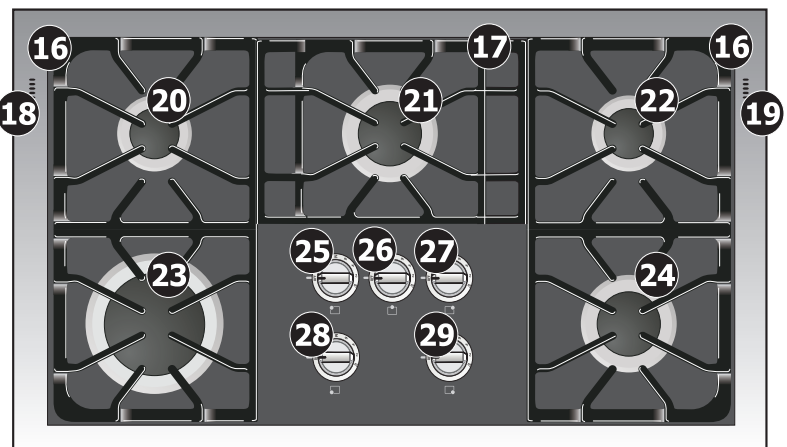
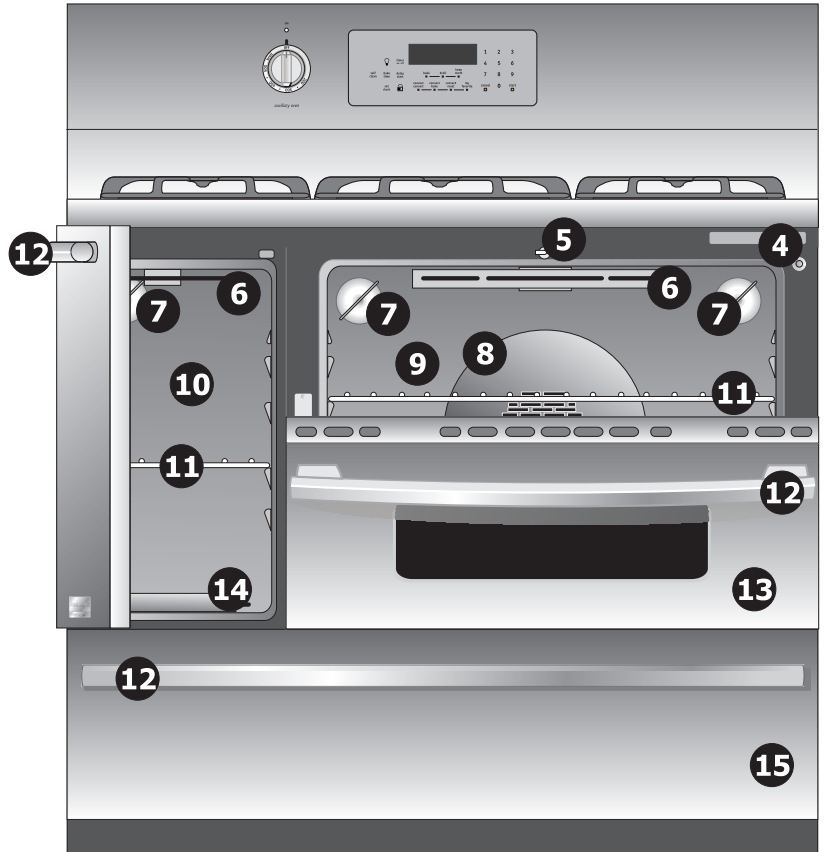
Any additions, changes or conversions required in order for this appliance to satisfactorily meet the application needs must be made by an authorized Service Center.

FEATURES AT A GLANCE



Your built-in range Features:

1. Electronic oven control with kitchen timer.
2. Auxiliary oven On/Off indicator light.
3. Auxiliary oven control knob.
4. Automatic oven door light switch.
5. Self-clean door latch.
6. Broil element.
7. Oven interior light with removable cover.
8. Convection bake cooking system.
9. Self-cleaning oven interior.
10. Manual cleaning oven interior.
11. Adjustable interior oven rack(s).
12. 3-piece handle.
13. Stainless steel oven door with window.
14. Bake element.
15. Storage drawer.
16. Side surface burner grate.
17. Center surface burner grate.
18. Auxiliary oven vent.
19. Main oven vent.
20. 5000BTU Surface burner.
21. 9100BTU Surface burner.
22. 5000BTU Surface burner.
23. 13000BTU Surface burner.
24. 9100BTU Surface burner.
25. Left rear surface burner knob.
26. Center rear surface burner knob.
27. Right rear surface burner knob.
28. Left front surface burner knob.
29. Right front surface burner knob.



SURFACE COOKING

Use Proper Cookware

Cookware should have flat bottoms that make good contact with the entire surface heating element. Check for flatness by rotating a ruler across the bottom of the cookware (See Figure 2). Be sure to follow the recommendations for using cookware as shown in Figure 1.

Note: The size and type of cookware used will influence the setting needed for best cooking results.

Note: Always use a utensil for its intended purpose. Follow manufacturer's instructions. Some utensils were not made to be used in the oven or on the cooktop.

CORRECT



- Flat bottom and straight sides.
- Tight fitting lids.
- Weight of handle does not tilt pan. Pan is well balanced.
- Pan sizes match the amount of food to be prepared.
- Made of material that conducts heat well.
- Easy to clean.

INCORRECT

- Curved and warped pan bottoms.



- Pan overhangs burner grate by more than 2.5 cm (1").



- Heavy handle tilts pan.



- Flame extends beyond pan.



Figure 1

* Specialty pans such as lobster pots, griddles and pressure cookers may be used but must conform to the above recommended cookware requirements.



Figure 2

Using a wok

Woks with flat bottoms suitable for use on your cooktop are available in most cookshop or hardware stores (Figure 3). Round-bottomed woks (with a support ring that does not extend beyond the burner circumference) may also be used. The metal ring was designed to support the wok safely when it is filled with large amounts of liquids (soup making) or fat (frying).

Wire trivets: Do not use wire trivets. Cookware bottoms must be in direct contact with the grates.

CAUTION

DO NOT use two burner units to heat one large pan such as a roaster or griddle, or allow cooking utensils to boil dry (Figure 4). The bottom surface of the pan in either of these situations could cause discoloring or crazing of the appliance cooking surface, and damage to the grates and burner units.



Figure 3

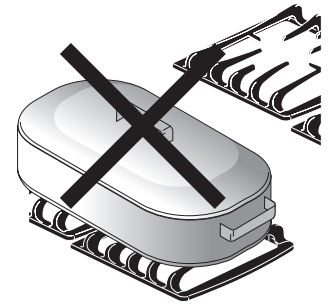


Figure 4

DO NOT use a wok if it is equipped with a metal ring that extends beyond the burner circumference. Because this ring traps heat, the surface unit and cooktop surface could be damaged (Figure 5).



Figure 5

Canning Tips & Information

CAUTION

Canning can generate large amounts of steam. Use extreme caution to prevent burns. Always raise the lid to vent steam away from you.

Prevent damage to cooktop and burner grates:

1. Do not use water bath or pressure canners that extend more than one inch beyond the edge of the burner grate.
2. Do not leave water bath or pressure canners on high heat for an extended amount of time.
3. Alternate surface units between each batch to allow the units and surrounding surfaces to cool down. Try to avoid canning on the same burner unit all day.

Safe canning requires that harmful micro-organisms are destroyed and the jars are sealed completely. When canning in a water bath canner, a gentle but steady boil must be maintained continuously for the required time.

1. Use tested recipes and follow instructions carefully. Check with your local Cooperative Agricultural Extension Service or a manufacturer of glass jars for the latest canning information.
2. Use flat-bottomed canners only. Heat is spread more evenly when the bottom surface is flat.
3. Center canner on the burner grate.
4. Start with hot water and a high heat setting to reduce the time it takes to bring the water to a boil; then reduce the heat setting as low as possible to maintain a constant boil.
5. It is best to can small amounts and light loads.



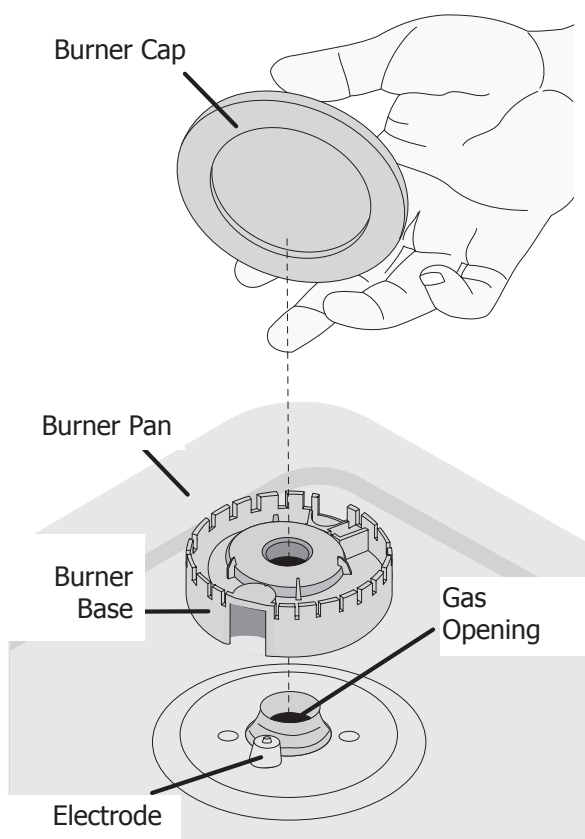
SETTING SURFACE CONTROLS

Placement of Burner Bases and Caps

Your Cooktop is equipped with three different sizes of burners: Power Burner, Standard Burner and Simmer Burner. Place the burner base over each gas opening, matching the burner base size with the gas opening size. Place the burner cap on each burner base, again matching the cap size to the burner base size. The cap for each burner has an inner locating ring which locates the burner cap in the center of the burner.

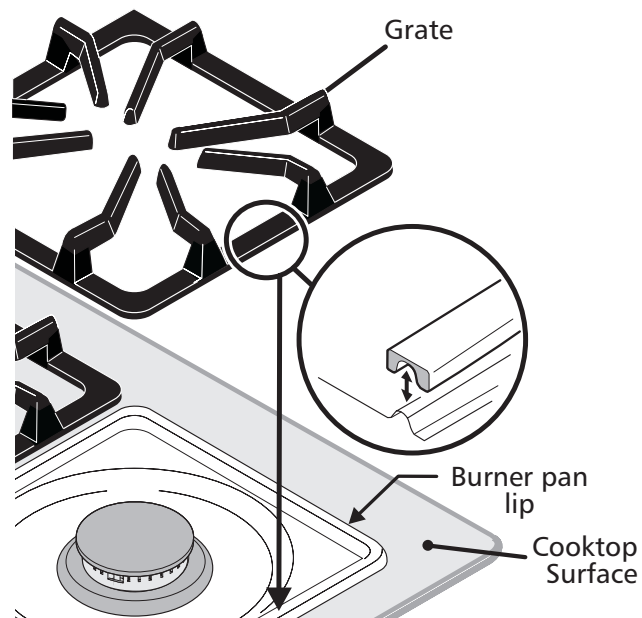
Make sure each burner cap is properly aligned and level.

Turn the burner on to determine if it will light. If the burner does not light, contact a Service Center. Do not service the sealed burner yourself.



Placement of Burner Grates

Place grate over burner pans. Make sure that the groove under grate fits over the raised lip of the burner pan. The rounded corners of the grates should be placed toward the front of the cooktop for the front burners and the rear of the cooktop for the back burners.



SETTING SURFACE CONTROLS

Operating the Gas Surface Controls:

1. Place cooking utensil on surface burner.
2. Push the surface control knob down and turn counterclockwise out of the OFF position (See Figure 1).
3. Release the knob and rotate to the LITE position.
Note: All four electronic surface igniters will spark at the same time. However, only the burner you are turning ON will ignite.
4. Visually check that the burner has a flame.
5. Turn the control knob counterclockwise to the desired flame size. The control knobs do not have to be set at a particular setting. Use the knob indicator settings to adjust the flame as needed. DO NOT cook with the surface control knob in the LITE position. (The electronic ignitor will continue to spark if the knob is left in the LITE position.)

In the event of an electrical power outage, the surface burners can be lit manually. To light a surface burner, hold a lit match to the burner head, then slowly turn the surface control knob to LITE. After burner lights push in and turn knob to desired setting. Use caution when lighting surface burners manually.

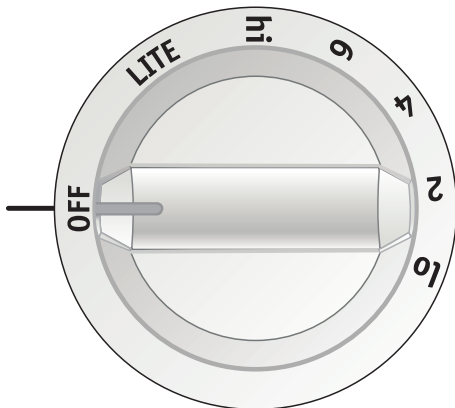


Figure 1

CAUTION

Do not place plastic items such as salt and pepper shakers, spoon holders or plastic wrappings on top of the range when it is in use. These items could melt or ignite. Potholders, towels or wood spoons could catch fire if placed too close to a flame.

Setting Proper Surface Burner Flame Size

For most cooking, start on the highest control setting and then turn to a lower one to complete the process. Use the recommendations below as a guide for determining proper flame size for various types of cooking. The size and type of utensil used and the amount of food being cooked will influence the setting needed for cooking.

*Flame Size	Type of Cooking
High Flame	Start most foods; bring water to a boil; pan broiling.
Medium Flame	Maintain a slow boil; thicken sauces, gravies; steaming.
Low Flame	Keep foods cooking; poach; stewing.

*These settings are based on using medium-weight metal or aluminum pans with lids. Settings may vary when using other types of pans. The color of the flame is the key to proper burner adjustment. A good flame is clear, blue and hardly visible in a well-lighted room. Each cone of flame should be steady and sharp. Clean burner if flame is yellow-orange.

Regardless of size, always select cookware that is suitable for the amount and type of food being prepared. Select a burner and flame size appropriate to the pan. Never allow flames to extend beyond the outer edge of the pan.

Never extend the flame beyond the outer edge of the utensil. A higher flame wastes heat and energy and increases your risk of being burned by the flame (Figure 2).

For deep fat frying, use a thermometer and adjust the surface control knob accordingly. If the fat is too cool, the food will absorb the fat and be greasy. If the fat is too hot, the food will brown so quickly that the center will be undercooked. Do not attempt to deep fat fry too much food at once as the food will neither brown nor cook properly.

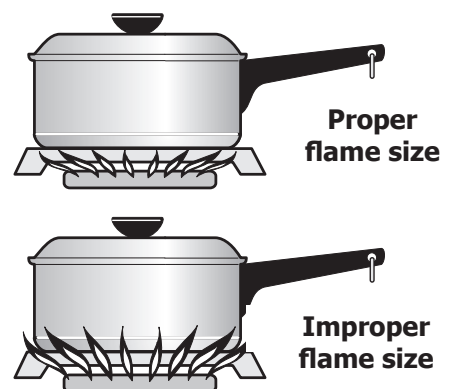


Figure 2

BEFORE SETTING OVEN CONTROLS

Oven vent location

Each oven has its own vent **as shown below** (Figure 1). When the oven is ON, warm air is released through the vent. This venting is necessary for proper air circulation in the oven and good baking results. **DO NOT BLOCK OVEN VENT.** Never close off the openings with aluminium foil or any other material.

Auxiliary oven vent location

Main oven vent location



Figure 1



CAUTION

This unit is equipped with a blower which runs in baking and self-cleaning mode to keep all internal components at a cool temperature. The blower may keep running even if the oven has been turned OFF, until the components have cooled down.

Air circulation in the oven

If using 1 rack (Figure 2), place in center of oven. If using multiple racks (Figure 3), stagger cookware as shown.

For best air circulation and baking results allow 2-4" (5-10 cm) around the cookware for proper air circulation and be sure pans and cookware do not touch each other, the oven door, sides or back of the oven cavity. The hot air must circulate around the pans and cookware in the oven for even heat to reach around the food.

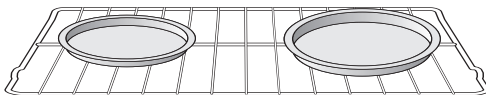


Figure 2 - Single Oven Rack

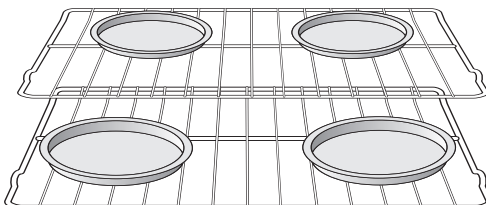


Figure 3 - Multiple Oven Racks

Arranging oven racks

ALWAYS ARRANGE OVEN RACKS WHEN THE OVEN IS COOL (PRIOR TO OPERATING THE OVEN). Always use oven mitts when using the oven.

To remove an oven rack, pull the rack forward until it stops. Lift up front of rack and slide out (Figure 4).

To replace an oven rack, fit the rack onto the guides on the oven walls. Tilt the front of the rack upward and slide the rack back into place.

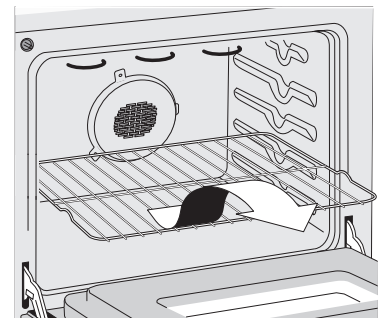
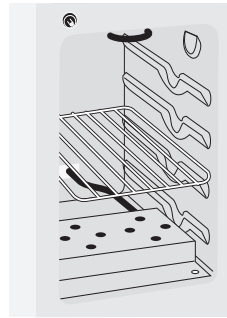
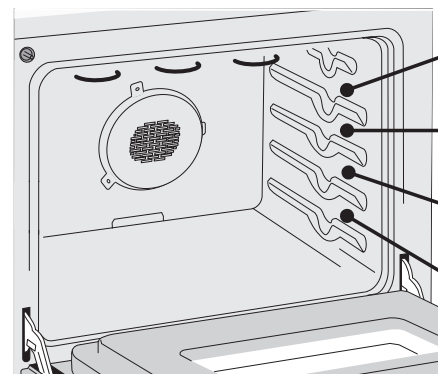


Figure 4

Recommended rack positions

Food	Rack Position
Broiling meats, chicken or fish	4
Cookies, cakes, pies, biscuits & muffins	
Using a single rack	2 or 3
Using two racks	2 and 4
Using multiple racks (If equipped with an offset rack)	2, 3 and 4 1, 3 (offset) 4
Frozen pies, angel food cake, yeast, bread, 1 or 2 casseroles, small cuts of meat or poultry	1 or 2
Turkey, roast or ham	1



Rack positions

Figure 5



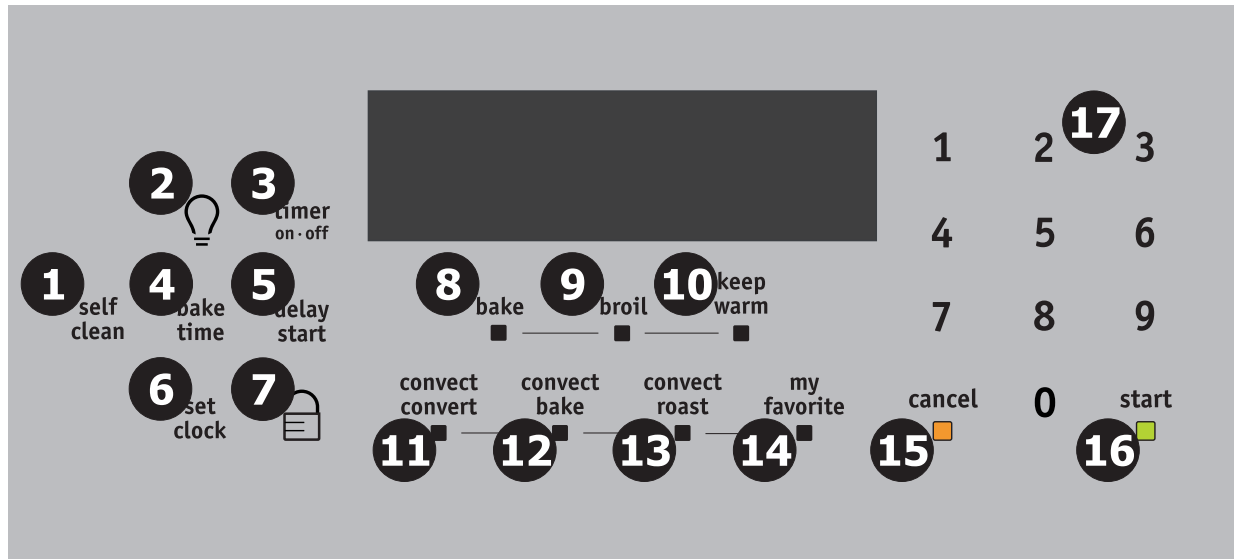
NOTE

Always use caution when removing food from the oven.

SETTING MAIN OVEN CONTROLS

Control pad features

READ THE INSTRUCTIONS CAREFULLY BEFORE USING THE OVEN. For satisfactory use of your oven, become familiar with the various features and functions of the oven as described below. **Detailed instructions for each feature and function follow later in this Use & Care Guide.**



- 1. Self-Clean pad**—Use to select the self cleaning feature.
- 2. Oven light pad**—Use to turn the oven light ON and OFF.
- 3. Timer on-off pad**—Use to set or cancel the Timer. The Timer does not start or stop cooking.
- 4. Bake time pad**—Use to enter the length of the baking time.
- 5. Delay start pad**—Use to program a Delayed Timed Bake or Delay Self-Cleaning cycle start time.
- 6. Set clock pad**—Use to set the time of day.
- 7. Lockout pad**—Use to lock the oven door and the control panel pads.
- 8. Bake pad**—Use to select the bake cooking feature.
- 9. Broil pad**—Use to select the broil cooking feature.
- 10. Keep warm pad**—Use to keep the dishes and food warm until served.
- 11. Convect convert pad**—Use to convert a regular recipe temperature to a convection temperature.
- 12. Convect Bake pad**—Use to select the convection bake feature.
- 13. Convect Roast pad**—Use to select the convection roast feature.
- 14. My favorite pad**—Use to record a temperature setting for a cooking feature.
- 15. Cancel pad**—Use to cancel any oven feature previously entered except the time of day and minute timer.
- 16. Start pad**—Use to start all oven features (not used with Oven Light).
- 17. Numeric pad**—Use to enter temperatures and times.

SETTING MAIN OVEN CONTROLS

MINIMUM AND MAXIMUM CONTROL PAD SETTINGS

All of the features listed below have minimum and maximum time or temperature settings that may be entered into the control. An ENTRY acceptance beep will sound each time a control pad is touched (the acceptance beep on the Oven Lockout pad is delayed 3 seconds).

An ENTRY ERROR tone (3 short beeps) will sound if the entry of the temperature or time is below the minimum or above the maximum settings for the feature.

FEATURE		MINIMUM TEMP. /TIME	MAXIMUM TEMP. /TIME
BAKE		170°F/77°C	550°F/288°C
BROIL		400°F/205°C	550°F/288°C
CONVECTION BAKE		170°F/77°C	550°F/288°C
CONVECTION ROAST		170°F/77°C	550°F/288°C
TIMER	12 Hr. Mode	0:01 Min.	11:59 Hr./Min.
	24 Hr. Mode	0:01 Min.	11:59 Hr./Min.
CLOCK TIME	12 Hr. Mode	1:00 Hr./Min.	12:59 Hr./Min.
	24 Hr. Mode	0:00 Hr./Min.	23:59 Hr./Min.
DELAY START	12 Hr. Mode	1:00 Hr./Min.	12:59 Hr./Min.
	24 Hr. Mode	0:00 Hr./Min.	23:59 Hr./Min.
COOK TIME	12 Hr. Mode	0:01 Min.	11:59 Hr./Min.
	24 Hr. Mode	0:01 Min.	11:59 Hr./Min.
SELF CLEAN TIME		2 hours	4 hours

SETTING THE CLOCK

The **SET CLOCK** pad is used to set the clock. The clock may be set for 12 or 24 hour time of day operation. The clock has been preset at the factory for the 12 hour operation. When the range is first plugged in, or when the power supply to the range has been interrupted, the timer in the display will flash.

To set the clock (example below for 1:30)

1. Press **SET CLOCK**. "CLO" will appear in the display.
2. Press **1 3 0** pads to set the time of day to 1:30. "CLO" will stay in the display.
3. Press **START**. "CLO" will disappear and the clock will start.

CHANGING BETWEEN 12 OR 24 HOUR TIME OF DAY DISPLAY

1. Press and hold **SET CLOCK** for 7 seconds.
2. After 7 seconds, "12h" or "24h" will appear in the display and the control beep once.
3. Press **SELF CLEAN** to switch between the 12 and 24 hour time of day display. The display will show either "12h" or "24h".
4. Press **START** to accept the change or press **CANCEL** to reject the change.
5. Reset the correct time as described in **To set the Clock** above. Please note that if the 24 hour time of day mode was chosen, the clock will now display time from 0:00 through 23:59 hours.

SETTING CONTINUOUS BAKE OR 12 HOUR ENERGY SAVING

The **TIMER** and **SELF CLEAN** pads control the Continuous Bake or 12 Hour Energy Saving features. The oven control has a factory preset built-in 12 Hour Energy Saving feature that will shut off the oven if the oven control is left ON for more than 11 hours and 59 minutes. The oven can be programmed to override this feature for Continuous Baking.

To set the control for Continuous Bake or 12 Hour Energy Saving features

1. Press and hold **TIMER** for 7 seconds. After 7 seconds "12h" or "- h" will appear in the display and the control will beep once.
2. Press **SELF CLEAN** to switch between the 12 Hour Energy Saving and continuous bake features. Note: "12h" in the display indicates the control is set for the 12 Hour Energy Saving mode and "- h" indicates the control is set for the Continuous Bake feature.
3. Press **START** to accept the change (display will return to time of day) or press **CANCEL** to reject the change.

SETTING MAIN OVEN CONTROLS

SETTING MINUTE TIMER

The **TIMER ON-OFF** pad controls the Minute Timer feature. The Minute Timer 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 Minute Timer feature can be used during any of the other oven control functions. Refer to "Minimum and Maximum Control Pad Settings" for time amount settings.


To set the Minute Timer (example for 5 minutes)

1. Press **TIMER ON-OFF**. "-- --" will appear and "Timer" will flash in the display.
2. Press the number pads to set the desired time in the display.
3. Press **START**. The time will begin to count down with "5:00" and "Timer" will stay in the display. Note: If **START** is not pressed the timer will return to the time of day after 25 seconds.
4. When the set time has run out, "End" and "Timer" will show in the display. The clock will sound with 3 beeps every 5 seconds until **TIMER ON-OFF** is pressed.


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

1. Press **TIMER ON-OFF**. The display will return to the time of day.

SETTING LOCKOUT FEATURE

The  pad controls the Lockout feature. The Lockout feature automatically locks the oven door and prevents the oven from being turned ON. It does not disable the clock, Minute Timer or the interior oven lights.

To activate the Oven Lockout feature

1. Press and hold  for 3 seconds.
2. After 3 seconds a beep will sound, "Loc" will appear and "DOOR LOCKED" will flash in the display. Once the oven door is locked the "DOOR LOCKED" indicator will stop flashing.

To reactivate normal oven operation:

1. Press and hold  for 3 seconds. A beep will sound. "LOC" will disappear. The "DOOR LOCKED" will flash in the display until the oven door has completely unlocked.
2. The oven is again fully operational.

SETTING SILENT CONTROL OPERATION

The **DELAY START** and **SELF CLEAN** pads control the Silent Control operation feature. The Silent Control operation feature allows the oven control to be operated without sounds or beeps whenever necessary. If desired the control can be programmed for silent operation and later returned to operating with all the normal sounds and beeps.

To change control from normal sound operation to silent control operation

1. To tell if your range is set for normal or silent operation press and hold **DELAY START** for 7 seconds. "-- --" will appear and "DELAY" will flash in the display. After 7 seconds "SP" or "- -" will appear in the display.
2. Press **SELF CLEAN** to switch between normal sound operation and silent operation mode. The display will show either "SP" or "- -". Note: If "SP" appears, the control will operate with normal sounds and beeps. If "- -" appears, the control is in the silent operation mode.
3. Press **START** to accept the change or press **CANCEL** to reject the change.

Note: The control will always beep at the end of a minute timer and will beep when a set temperature has been reached, even if the control is set to silent operation.

SETTING TEMPERATURE DISPLAY — FAHRENHEIT OR CELSIUS:

The **BROIL** and **SELF CLEAN** pads control the Fahrenheit or Celsius temperature display modes. The oven control can be programmed to display temperatures in Fahrenheit or Celsius. The oven has been preset at the factory to display in Fahrenheit.

To change display from Fahrenheit to Celsius or Celsius to Fahrenheit

1. To tell if the display is set for Fahrenheit or Celsius press **BROIL** and hold it for 7 seconds; "550" will appear and "BROIL" will flash in the display and a beep will sound. If "F" appears, the display is set to show temperatures in Fahrenheit. If "C" appears, the display is set to show temperatures in Celsius.
2. Press **SELF CLEAN** to switch between Fahrenheit or Celsius display modes. The display will show either "F" or "C".
3. Press **START** to accept the change or press **CANCEL** to reject the change.

SETTING MAIN OVEN CONTROLS

SETTING BAKE

The **BAKE** pad controls normal baking. The oven can be programmed to bake at any temperature from 170°F to 550°F.

To set the Bake Temperature to 375°F

1. Arrange interior oven racks and place food in oven.
2. Press **BAKE**, "350" will appear and "BAKE" will flash in the display. If a bake of 350°F is needed, press **START**.
3. Press **3 7 5**. "BAKE" will continue to flash and "375°" will appear in the display.
4. Press **START**. The display will show "375°" and "BAKE". A beep will sound once the oven temperature reaches 375°F.

NOTE

Pressing **CANCEL** will stop the bake feature at any time.

To change the Bake Temperature (example: changing from 375°F to 425°F)

1. After the oven has already been set to bake at 375°F and the oven temperature needs to be changed to 425°F, press **BAKE**. "375°" will appear and "BAKE" will flash in the display.
2. Press **4 2 5**. "BAKE" will continue to flash and "425°" will appear in the display.
3. Press **START**. "BAKE" and "425°" will stay in the display.

NOTE

If the oven was recently heated from prior cooking and has remained heated, the bake element symbol may not show in the display immediately.

During the first rise of temperature, the bake and broil elements will cycle for a better heat distribution.

SETTING CONVECTION BAKE

The **CONVECT BAKE** pad controls the convection bake feature. The oven can be programmed for Convection baking at any temperature between 170°F to 550°F with a default temperature of 350°F.

Convection baking uses a fan to circulate the oven's heat evenly and continuously within the oven. This improved heat distribution allows for even cooking and excellent results using multiple racks at the same time. Foods cooked on a single oven rack will generally cook faster and more evenly with convection bake. Multiple oven rack cooking may slightly increase cook time for some foods, but the overall result is time saved. Breads and pastries brown more evenly.

Convection Baking Tips:

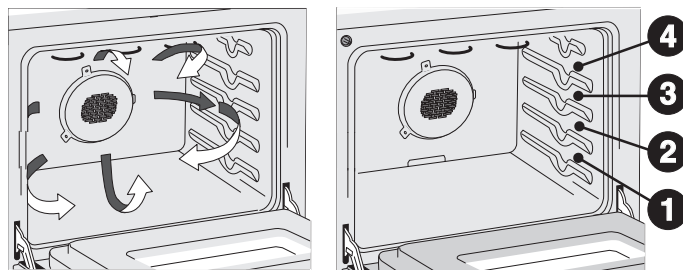
- When using convection bake, adjust the cook time for desired doneness as needed. Time reductions will vary depending on the amount and type of food to be cooked. Cookies and biscuits should be baked on pans with no sides or very low sides to allow heated air to circulate around the food. Food baked on pans with a dark finish will cook faster.
- Preheating is not necessary when cooking casseroles with convection bake.
- When using convection bake with a single rack, place oven rack in position 2 or 3. If cooking on multiple racks, place the oven racks in positions 2 and 4 (Figure 1).

To set the oven for Convection Bake and temperature to 375°F

1. Arrange interior oven racks and place food in oven.
2. Press **CONVECT BAKE**. "CONV BAKE" will flash and "350°" will appear in the display. If a Convection Bake of 350°F is needed, press **START**.
3. Press **3 7 5**. "CONV BAKE" will keep flashing and "375°" will appear in the display.
4. Press **START**. "CONV BAKE" will stop flashing and the fan icon will appear in the display. A beep will sound once the oven temperature reaches 375°F and the display will show "375°", "CONVECT", "BAKE" and the fan icon.

NOTE

Pressing **CANCEL** will stop the feature at any time.



Air circulation during Convection Bake

Oven Rack Positions

Figure 1

Benefits of Convection Bake:

- Multiple rack baking.
- Some foods cook faster, saving time and energy.
- No special pans or bakeware needed.

NOTE

The convection fan will start AS SOON AS the oven is set for Convection Bake. The display will show an icon of rotating fan within a square. This rotating fan icon indicates when the Convection Fan is operating.

SETTING MAIN OVEN CONTROLS

SETTING CONVECTION ROAST

The **CONVECT ROAST** pad is designed to give optimum cooking performance for this feature. The oven can be programmed for Convection Roasting at any temperature between 170°F to 550°F with a default temperature of 350°F. The convection roast feature combines a cook cycle with the convection fan and element to roast meats and poultry. Preheating is not necessary for meats and poultry. 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 Tips:

- Use a broiler pan and grid, and a roasting rack (available by mail order). The broiler pan will catch grease spills and the grid will help prevent spatters. The roasting rack will hold the meat.
- Place an oven rack on rack position 1 (Figure 1).
- No preheat is needed in convection roast.
- Make sure the roasting rack is securely seated on the grid in the broiler pan (available by mail order only). The roasting rack fits on the grid allowing the heated air to circulate under the food for even cooking and helps to increase browning on the underside.
- There is no need to reduce the convection temperature or to use the Convection Convert feature with this cooking mode.
- **DO NOT** use the broiler pan (available by mail order) without the grid or cover the grid with aluminum foil.
- Always pull the rack out to the stop position before removing food.
- Position food (fat side up) on the roasting rack.

To set a Convection Roast Temperature of 375°F:

1. Arrange oven racks and place food in the oven.
2. Press **CONVECT ROAST**; "CONV ROAST" will flash and "350°" will be displayed.
3. Press **3 7 5**; "CONV ROAST" will flash and "375°" will appear in the display.
4. Press **START**. "CONV ROAST" and "375°" will appear in the display. The convection fan icon will come on. A beep will sound once the oven temperature reaches 375°F.

NOTE

Pressing **CANCEL** will stop the feature at any time.

NOTE

The convection fan will start **AS SOON AS** the oven is set for Convection roast. The display will show an icon of rotating fan within a square. This rotating fan icon indicates when the Convection Fan is operating.

SETTING CONVECTION CONVERT

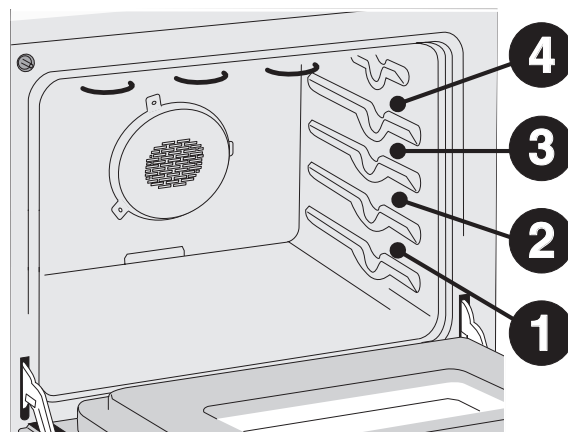
The **CONVECT CONVERT** pad is used to automatically convert a standard baking recipe for convection baking. When set properly, this feature is designed to display the actual converted (reduced) temperature in the display. Convection Convert may **ONLY** be used with a Convection Bake setting. When used with the Bake Time or a Delay Start features, "CF" (check food) will be displayed when 75% of the bake time complete. At this time the oven control will sound 3 long beeps at regular intervals until baking had finished. When the bake time has completely finished the control will display "End" and beep at regular interval until the **CANCEL** pad is pressed.

To change from a normal bake recipe to a convection bake recipe (example: changing a 400°F normal bake recipe to a convection bake recipe:

When the CONVECT BAKE mode is on at 400°F, press CONVECT CONVERT. "CONV BAKE" and the oven temperature **adjustment** will appear in the display (for this example it is 375°F). A beep will sound once the adjusted oven temperature is reached. The display will show "375°", "CONV BAKE" and the fan icon.

NOTE

When using a Bake Time under 20 minutes, the Convection Convert will not beep and display the "CF" message.



Oven Rack Positions
Figure 1

SETTING MAIN OVEN CONTROLS

SETTING BAKE TIME

Bake Time allows the oven to be set to cook for a specific length of time and shut off automatically.

The oven will shut off and will beep when the countdown is finished. This feature can be used with Bake, Convection Bake, Convection Roast cooking modes.

To program the oven to begin baking immediately and to shut off automatically (example: BAKE at 350°F for 30 minutes):

1. Be sure the clock is set for the correct time of day.
2. Arrange interior oven rack(s) and place the food in the oven.
3. Press **BAKE**, "350°" will appear and "BAKE" will flash in the display.
4. Press **START**. "BAKE" and "350°" will appear in the display.
5. Press **BAKE TIME**. "TIMED" will flash; "BAKE"; "-- : --" and "350°" will appear in the display.
6. Enter the desired baking time by pressing **3 0**.
7. Press **START**. Both "TIMED" and "BAKE" icons will remain ON in the display. Once the Timed Bake feature has started, the current time of day will appear in the display.

Press **CANCEL** when baking has finished or at any time to cancel the Timed Bake feature.

When the timed bake finishes:

1. "End" and the time of day will show in display. The oven will shut off automatically.
2. The control will beep 3 times. The control will continue to beep 3 times every 30 seconds until **CANCEL** is pressed.

SETTING DELAY START

The **BAKE, CONVECT BAKE, CONVECT ROAST, BAKE TIME** and **DELAY START** pads control the Delayed Time Bake feature. The automatic timer of the Delayed Time Bake will turn the oven **ON and OFF** at the time you select in advance.

NOTE

If your clock is set for normal 12 hour display mode the Delayed Timed Bake or Delayed Timed Convection Bake cycle can never be set to start more than 12 hours in advance. To set for Delayed Timed Bake or Delayed Timed Convection Bake 12-24 hours in advance set the control for the 24 hour time of day display mode.

To program the oven for a delayed BAKE start time (example: baking at 350°F, starting at 5:30 and baking for 30 minutes):

1. Be sure that the clock is set with the correct time of day.
2. Arrange interior oven racks and place the food in the oven.
3. Press **BAKE**. "350°" will appear and "BAKE" will flash in the display.
4. Press **START**. "BAKE" and "350°" will stay in display.
5. Press **BAKE TIME**. "TIMED" will flash; "-- : --" will appear and "350°" will remain in the display.
6. Enter the desired baking time by pressing **3 0**. "TIMED" will flash; "-- : 30" and "350°" will appear in the display.
7. Press **START**. "TIMED", "BAKE" and "350°" will remain in the display.
8. Press **DELAY START**. "DELAY" will flash in the display. Enter the desired start time; pressing **5 3 0**.
9. Press **START**. When Delayed Time Bake starts, "DELAY", "BAKE" and the current time of day will appear in the display.
10. When the desired start time is reached and "DELAY" disappears. Oven starts to bake at the previously selected temperature.

Press **CANCEL** when baking has completed or at any time to cancel the Delayed Time Bake feature.

NOTE

After the Timed Bake feature has activated, press **BAKE TIME** to display the bake time remaining in the Bake Time mode. Once Bake Time has started baking, a beep will sound when the oven temperature reaches the set temperature.

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

CAUTION

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

SETTING MAIN OVEN CONTROLS

SETTING BROIL

The **BROIL** pad controls the Broil feature. When broiling, heat radiates downward from the oven broiler for even coverage. The oven can be programmed to broil at any temperature from 400°F to 550°F with a default temperature of 550°F. The optional broil pan and broil pan insert (available by mail order) used together allow dripping grease to drain and be kept away from the high heat of the oven broiler.

Broiling Tips:

- For optimum browning, preheat the broil element for 5 minutes.
- Broil one side until the food is browned; turn and broil the second side. Season and serve.
- Always pull the rack out to the "stop" position before turning or removing food.
- Always use the broiler pan and its cover when broiling. It allows the dripping grease to be kept away from the high heat of the broil element (see Figure 2).
- For best broiling results, broil with the oven door in the broil stop position (see Figure 1).
- If using a Searing Grill (see Figure 3 -available by mail order), preheat the grill for 5 to 10 minutes before placing your meat.
- **DO NOT** use the broil pan without the insert. **DO NOT cover the broil pan insert with foil.** The exposed grease could catch fire.

WARNING

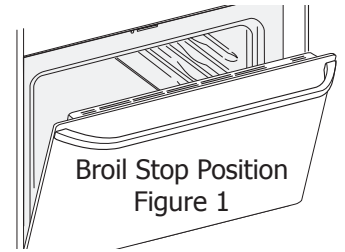
Should an oven fire occur, leave the oven door closed and turn off the oven. If the fire continues, throw baking soda on the fire or use a fire extinguisher. **DO NOT** put water or flour on the fire. Flour may be explosive and water can cause a grease fire to spread and cause personal injury.

NOTE

Pressing **CANCEL** will stop the feature at any time.

To set a Broil of 550°F:

1. Place the broiler pan insert on the broiler pan (available by mail order). Then place the food on the broiler pan insert. **DO NOT** use the broiler pan without the insert. **DO NOT** cover the broiler insert with foil. The exposed grease could ignite.
2. Arrange the interior oven rack.
3. Press **BROIL**. "BROIL" will flash and "550°" will appear.
4. If a lower broil temperature is desired (minimum broil temperature setting is 400°F), press the desired temperature. See table below for recommended rack position and temperature.
5. Press **START**. The oven will begin to broil. "BROIL" and "550°" will appear in the display.
6. Preheat for 5 minutes before broiling.
7. Place the broiler pan with food on the oven rack. Be sure to center the broiler pan directly under the broiler element. **Make sure the oven door is in the broil stop position (See Figure 1).**
8. Broil one side until food is browned; turn and broil the second side. Season and serve. **Note:** Always pull the rack out to the stop position before turning or removing food.
9. To stop broiling press **CANCEL**.



Accessories available by mail order via the enclosed brochure:

Broiler Insert

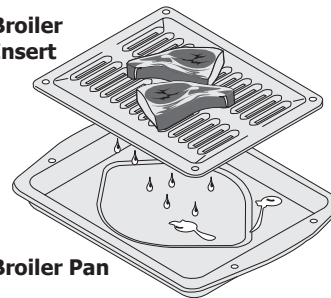


Figure 2

Searing Grill



Figure 3

Electric Oven Broiling Table Recommendations

Food Item	Rack Position	Temperature Setting	Cook Time		Doneness
			1st side	2nd side	
Steak 1" thick	3rd or 4th	550° F	6:00	4:00	Rare
	3rd or 4th	550° F	7:00	5:00	Medium
Pork Chops 3/4" thick	3rd	550° F	8:00	6:00	Well
Chicken - Bone In	2nd	450° F	20:00	10:00	Well
Chicken - Boneless	3rd	450° F	8:00	6:00	Well
Fish	3rd	500° F	13:00	N/A	Well
Shrimp	2nd	550° F	5:00	N/A	Well
Hamburger 1" thick	4th	550° F	9:00	7:00	Medium
	3rd	550° F	10:00	8:00	Well

SETTING MAIN OVEN CONTROLS

SETTING KEEP WARM

This mode is best for keeping oven baked foods warm for serving after cooking has finished. The **KEEP WARM** pad turns ON the Keep Warm feature and will maintain an oven temperature of 170°F. The Keep Warm feature will keep oven baked foods warm for serving up to 3 hours after cooking has finished. **After 3 hours the Keep Warm feature will shut the oven OFF.** The Keep Warm feature may be used without any other cooking operations or can be set to turn ON automatically after a **BAKE TIME** or **DELAYED BAKE TIME**.

Keep Warm Tips:

- Always start with hot food.
- Do not use the Keep Warm feature to heat cold food.
- Food in heat-safe glass and glass ceramic containers may need higher temperature settings compared to food in regular containers.
- Avoid repeated openings of the oven, it will allow hot air to escape and the food to cool.
- Aluminum foil may be used to cover food to increase moisture content.

To set Keep Warm:

1. Arrange interior oven racks and place food in oven.
2. Press **KEEP WARM**. "Hld" and "WARM" will appear in the display. **Note:** If no pad is touched within 25 seconds the request to turn ON Keep Warm feature will be cancelled.
3. Press **START**. The oven icon will appear in the display.
4. To turn OFF the KEEP WARM at any time press **CANCEL**. **Note:** The KEEP WARM feature will automatically turn OFF after 3 hours.

To set Keep Warm to turn ON automatically:

1. Arrange interior oven racks and place food in oven. Set the oven properly for **Bake Time or Delayed Bake Time** (See respective sections for more details).
2. Press **KEEP WARM**. **Note:** If no pad is touched within 25 seconds, the request to turn ON Keep Warm feature and all functions previously programmed will be cleared.
3. Press **START**. "Hld" will disappear and the temperature will be displayed. The Keep Warm mode is set to turn ON automatically after Timed Bake has finished.
4. To turn the Keep Warm feature OFF at any time press **CANCEL**. **Note:** The KEEP WARM feature will automatically turn OFF after 3 hours.

NOTE

Pressing **CANCEL** will stop the feature at any time.

SETTING MY FAVORITE

The My Favorite pad is used to record and recall your favorite recipe settings. This feature may store and recall from 1 to 3 different settings. The My Favorite feature may be used with Bake or Timed Bake. This feature will not work with any other function including a Delay Start setting.

To program the oven to record a recipe setting and begin baking (example shown is for Bake at 350°):

1. Place the food in the oven.
2. Press **MY FAVORITE**. "BAKE" flashes and "- - -" appears in the display.
3. Within 25 seconds, press **1** (Note: **2** or **3** may also be used to store a recipe setting). "BAKE" flashes, "-1-" and "- - -" appears in the display.
4. Enter temperature needed; **3 5 0**. "BAKE" flashes, "-1-" and "350°" appears in the display. Note: If a timed bake is needed, press **START** once, press **BAKE TIME** and enter the time.
5. Press and hold **START** for at least 3 seconds or until a beep sounds. The beep indicates that the recipe setting has been recorded for future recall. The display will show "350°" and "BAKE". **Note:** the oven will continue to bake unless **CANCEL** is pressed.

To begin baking using recalled setting (example below recalling from the number 1 pad):

1. Place food in the oven.
2. Press **My Favorite**. "BAKE" flashes and "- - -" appears in the display.
3. Within 25 seconds, press **1**. "BAKE" flashes, "-1-" and "350°" appears in the display.
4. Press **START**. The oven will begin to immediately cook with the previously recorded recipe. The temperature is recalled and if a timed bake was recorded this feature will also recall the cooking time.

NOTE

Pressing **CANCEL** will stop the feature at any time.


NOTE

To overwrite a recipe, repeat step 2 to step 5 of the "To program the oven to record a recipe setting and begin baking" section. To remove the bake time of a store recipe, repeat step 2 to step 5 with a bake time of zero.

SETTING THE SABBATH FEATURE

(for use on the Jewish Sabbath & Holidays)

The **BAKE TIME** and **DELAY START** pads are used to set the Sabbath feature. The Sabbath feature may only be used with the **BAKE** pad. The oven temperature may be set higher or lower after setting the Sabbath feature (the oven temperature adjustment feature should be used only during Jewish Holidays), however the display will not visibly show or provide any audible tones indicating whether the change occurred correctly. Once the oven is properly set using Bake with the Sabbath feature active, the oven will remain continuously ON until cancelled. This will override the factory preset 12-Hour Energy Saving feature.

If the oven lights are needed during the Sabbath, press  before activating the Sabbath feature. Once the oven light is turned ON and the Sabbath feature is active, the oven light will remain ON until the Sabbath feature is turned OFF. If the oven lights need to be OFF, be sure to turn the oven lights OFF before activating the Sabbath feature.

IMPORTANT

It is not advised to attempt to activate any other program feature other than **BAKE** while the Sabbath feature is active. ONLY the following key pads will function after setting the Sabbath feature; **0 to 9, BAKE, START & CANCEL**. All other keypads should not be used once the Sabbath feature is properly activated.

To Program the Oven to Begin Baking Immediately & activate the Sabbath feature (example: baking at 350°F)

1. Be sure that the clock is set with the correct time of day.
2. Arrange the oven racks and place the food in the oven.
3. Press **BAKE**. "350°" appears in the display.
4. Press **START**.
5. If a **Timed Bake** or **Delayed Timed Bake** is needed then enter the time. If not, skip this step and continue to step 6. Refer to the **Timed Bake/ Delay Timed Bake** section for complete instructions. Remember the oven will shut down after completing a **Timed Bake/ Delay Timed Bake** and therefore may only be used once during the Sabbath/Jewish Holidays. The maximum delay time is 11 hours & 59 minutes.
6. The oven will turn ON and begin heating.
7. Press and hold both the **BAKE TIME** and **DELAY START** pads for at least **3 seconds**. "SAb" will appear in the display. Once "SAb" appears in the display the oven control will no longer beep or display any further changes and the oven is properly set for the Sabbath feature.

NOTE

You may change the oven temperature once baking has started by pressing **BAKE**, the numeric key pads for the temperature you want (example for 425°F press **4 2 5**) and then pressing **START twice** (for Jewish Holidays only). Remember that **the oven control will no longer beep or display any further changes** once the oven is set for the Sabbath feature.

8. The oven may be turned OFF at any time by pressing **CANCEL** pad (this will turn the oven OFF only). To turn OFF the Sabbath feature press and hold both the **BAKE TIME** and **DELAY START** pads for at least **3 seconds**. This also turns off the oven. "SAb" will disappear from the display.

It is recommended that at any oven temperature change with the Sabbath feature activated be followed with 2 presses of the **START** pad. This will insure the oven remains ON even if the attempt to set the oven temperature was lower or higher than what the oven control can accept. If the oven temperature is set incorrectly, the oven temperature will default to 170°F or 550°F. Try to set the desired oven temperature again.

Should you experience a power failure or interruption, the oven will shut off. When power is returned the oven will NOT turn back ON automatically. The oven will remember that it is set for the Sabbath and the food may be safely removed from the oven while still in the Sabbath feature, however the oven cannot be turned back ON until the Sabbath feature is cancelled.

After the Sabbath observance turn OFF the Sabbath feature, press and hold both the **BAKE TIME** and **DELAY START** pads for at least **3 seconds**. "SAb" will disappear from the display and the oven may be used with all normal functions.

For further assistance, guidelines for proper usage, and a complete list of models with the Sabbath feature, please visit the web at <http://www.star-k.org>.

SETTING MAIN OVEN CONTROLS

ADJUSTING OVEN TEMPERATURE

The temperature in the oven has been pre-set at the factory. When first using the oven, be sure to follow recipe times and temperatures. If you think the oven is cooking too hot or too cool for the temperature you select, you can adjust the actual oven temperature to be more or less than what is displayed. Before adjusting, test a recipe by using a temperature setting that is higher or lower than the recommended temperature. The baking results should help you to decide how much of an adjustment is needed.

NOTE

The oven temperature adjustments made with this feature will not change the Self-Clean cycle temperature or the Broil temperature.

To adjust the oven temperature higher

1. Press **BAKE** for 6 seconds. "0°" will appear in the display.
2. To increase the temperature use the number pads to enter the desired change (Example 30°F) **3 0**. The temperature may be increased as much as 35°F.
3. Press **START** to accept the temperature change and the display will return to the time of day. Press **CANCEL** to reject the change if necessary.

To adjust the oven temperature lower

1. Press **BAKE** for 6 seconds. "0°" will appear in the display.
2. To decrease the temperature use the number pads to enter the desired change (Example -30°F) **3 0** and then press **SELF CLEAN**. The temperature may be decreased as much as 35°F.
3. Press **START** to accept the temperature change and the display will return to the time of day. Press **CANCEL** to reject the change if necessary.

TO SET THE OVEN CONTROL BACK TO THE FACTORY DEFAULT SETTINGS

This function allows you to reset the user defined settings back to the original settings. These include 12 or 24 Hour Time of Day Display, Continuous Control Operation or 12 Hour Energy Saving Mode, Silent Control Operation or Normal Sounds, Fahrenheit or Celsius Temperature Display, Oven Temperature Adjustment (set back to 0).

1. Press and hold **7** until the first single beep sounds (about 6 seconds).
2. After the first beep, press **START** once. All the settings are now set to the original factory default.

OVEN LIGHT

The oven is equipped with 2 oven lights. The oven lights will turn ON automatically, when the oven door is opened.

The oven light may be turned ON when the door is closed by using the oven light pad located on the control panel. The oven light key will toggle the lights at full intensity.

To toggle the Oven Lights ON and OFF:

1. Press .

The interior oven lights are covered with a glass shield held by a wire holder. The glass shield must be in place whenever the oven is in use.

To change the interior oven lights, see "Changing the oven light" in the **Care & Cleaning** section.

SETTING MAIN OVEN CONTROLS

SELF-CLEANING

A self-cleaning oven cleans itself with high temperatures (well above normal cooking temperatures) which eliminate soils completely or reduces them to a fine powdered ash you can wipe away with a damp cloth.

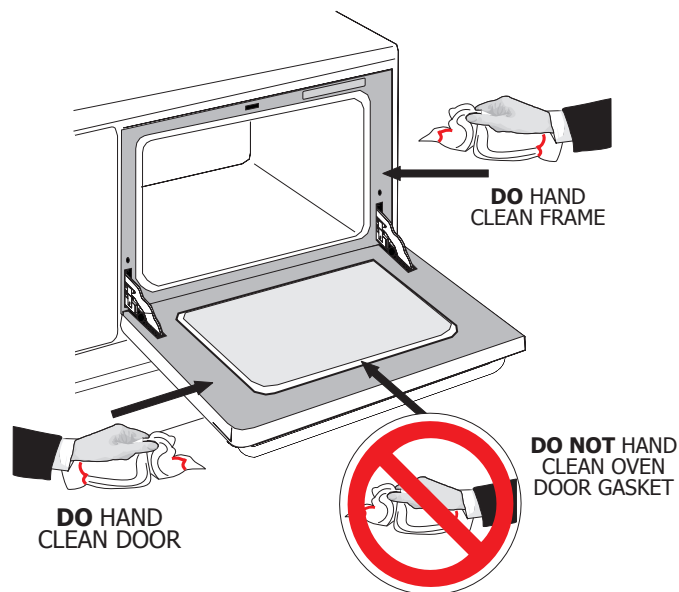
➔ IMPORTANT

Adhere to the following cleaning precautions:

- Allow the oven to cool before cleaning.
- Wear rubber gloves when cleaning any exterior parts of the oven manually.
- **DO NOT** use oven cleaners or oven protective coatings in or around any part of the oven interior.
- **DO NOT** clean the oven door gasket. The woven material of the oven door gasket is essential for a good seal. Care should be taken not to rub, damage or remove the gasket.
- **DO NOT** use any cleaning materials on the oven door gasket. Doing so could cause damage.
- **Remove the broiler pan and insert, all utensils and ANY ALUMINUM FOIL. These items cannot withstand high cleaning temperatures and will melt.**
- **Completely remove ALL OVEN RACKS and ANY ACCESSORIES. If the oven racks are not removed, they will lose their special coating properties and will no longer slide in and out of the oven cavity effortlessly.**
- **Remove any excessive spillovers** in the oven cavity **before** starting the Self-Cleaning cycle. To clean, use hot, soapy water and a cloth. Large spillovers can cause heavy smoke or fire when subjected to high temperatures. **DO NOT** allow food spills with a high sugar or acid content (such as milk, tomatoes, sauerkraut, fruit juices or pie filling) to remain on the surface as they may leave a dull spot even after cleaning.
- Clean any soil from the oven frame, the door liner outside the oven door gasket and the small area at the front center of the oven bottom. These areas heat sufficiently to burn soil on. Clean with soap and water.

📌 NOTE

See additional cleaning information for the oven door in the **General Care & Cleaning** section.



What to Expect during Cleaning

While the oven is in operation, the oven heats to temperatures much higher than those used in normal cooking. Sounds of metal expansion and contraction are normal. Odor is also normal as the food soil is being removed. Smoke may appear through the oven vent.

If heavy spillovers are not wiped up before cleaning, they may flame and cause more smoke and odor than usual. This is normal and safe and should not cause alarm. If available, use an exhaust fan during the self-cleaning cycle.

⚠ CAUTION

To avoid possible burns 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.

During the Self-Cleaning cycle, the outside of the range can become very hot to the touch. **DO NOT** leave small children unattended near the appliance.

The health of some birds is extremely sensitive to the fumes given off during the Self-Cleaning cycle of any range. Move birds to another well-ventilated room.

DO NOT line the oven walls, racks, bottom or any other part of the range with **aluminum foil**. 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 oven door open. This can damage the automatic door locking system. Use caution when opening the door after the Self-Cleaning cycle is completed. The oven may still be **VERY HOT**.

SETTING MAIN OVEN CONTROLS

SETTING SELF-CLEAN CYCLE TIME LENGTH

The **SELF CLEAN** pad controls the Self-Cleaning feature. If you are planning to use the oven directly after a self-clean cycle remember to allow time for the oven to cool down and the oven door to unlock. This normally takes about one hour. So a 3 hour self-clean cycle will actually take about 4 hours to complete.

*It is recommend to use a 2 hour self-clean cycle for **light soils**, a 3 hour cycle for **average soils**, and a 4 hour cycle for **heavy soils** (to assure satisfactory results).

To set the controls for a 3 hour Self-Cleaning cycle to start immediately and shut off automatically

1. Be sure the clock is set with the correct time of day and the oven door is closed.
2. Press **SELF CLEAN**. "**CLn**" and "**3:00**" HR will show in the display. The control will automatically clean for a 3 hour period (default self-cleaning cycle time).

NOTE

If a 2 or 4 hour clean time is desired, press **2 0 0** for 2 hours or press **4 0 0** for a 4 hours clean time. Set the cleaning time based on the amount of soil: Light, medium or heavy (*see above).

3. Press **START**. "**DOOR LOCKED**" and "**CLEAN**" will flash and the letters "**CLn**" will remain ON in the display.
4. As soon as the control is set, the motor driven oven door lock will begin to close automatically. Once the door has been locked the "**DOOR LOCKED**" indicator light will stop flashing and remain ON. Also, the oven icon will appear in the display.

NOTE

Allow about 15 seconds for the oven door lock to close.

When the Self-Clean Cycle is Completed

1. "**HOT**" will appear in the display. The time of day, the "**DOOR LOCKED**" and "**CLEAN**" will remain in the display.
2. Once the oven has cooled down for approximately 1 HOUR, and the "**DOOR LOCKED**" is no longer displayed, the oven door can then be opened.

Stopping or Interrupting a Self-Cleaning Cycle

If it becomes necessary to stop or interrupt a self-cleaning cycle due to excessive smoke or fire in the oven:

1. Press **CANCEL**.
2. The oven door can only be opened after the oven has cooled down for approximately 1 HOUR, "**DOOR LOCKED**" is no longer displayed.

TO START THE DELAYED SELF-CLEAN CYCLE

The **SELF CLEAN** and **DELAY START** pads controls the Delayed Self-Clean operation. The automatic timer will turn the oven **ON and OFF** at the time you select in advance.

To set the control for the Self-Cleaning Cycle to start at a delayed time and shut off automatically (example: 3 hour self-clean cycle to start at 4:30)

1. Be sure the clock is set with the correct time of day and the oven door is closed.
2. Press **SELF CLEAN**. "**CLEAN**" will flash and "**3:00**" HR will show in the display. The control will automatically clean for a 3 hour period (default self-cleaning cycle time).

NOTE

If a 2 or 4 hour clean time is desired, press **2 0 0** for 2 hours or press **4 0 0** for a 4 hours clean time. Set the cleaning time based on the amount of soil: Light, medium or heavy.

3. Press **START**. "**DOOR LOCKED**" and "**CLEAN**" will flash and the letters "**CLn**" will remain ON in the display. the motor driven oven door lock will begin to close automatically. Once the door has been locked the "**DOOR LOCKED**" indicator light will stop flashing and remain ON.
4. Press **DELAY START**. Enter the desired start time using the number pads **4 3 0**.
5. Press **START**. "**DELAY**", "**DOOR LOCKED**" and "**CLEAN**" icons will remain ON.
6. The control will start the self-cleaning at the set start time, for the period of time previously selected. At that time, the icon "**DELAY**" will go out; "**CLn**" and oven icon will appear in the display.

When the Self-Clean Cycle is Completed

1. "**HOT**" will appear in the display. The time of day, the "**DOOR LOCKED**" and "**CLEAN**" will remain in the display.
2. Once the oven has cooled down for approximately 1 HOUR, and the "**DOOR LOCKED**" is no longer displayed, the oven door can then be opened.

Stopping or Interrupting a Self-Cleaning Cycle

If it becomes necessary to stop or interrupt a self-cleaning cycle due to excessive smoke or fire in the oven:

1. Press **CANCEL**.
2. The oven door can only be opened after the oven has cooled down for approximately 1 HOUR, "**DOOR LOCKED**" is no longer displayed.

SETTING AUXILIARY OVEN CONTROLS

TO BAKE

1. Arrange oven racks while the oven is still cool.
2. Turn the Temperature Control Knob to the desired oven temperature. When the oven is first turned on, the oven indicator light below the Temperature Control Knob will glow.
3. Preheat the oven for 10 to 12 minutes before baking. Preheating is not necessary when roasting, cooking casseroles or broiling most foods. When the desired temperature is reached, the oven indicator light will go out. The light will then go ON and OFF as the element cycles ON and OFF to maintain the desired temperature.
4. When cooking is finished, turn the Temperature Control Knob to OFF.

TO BROIL

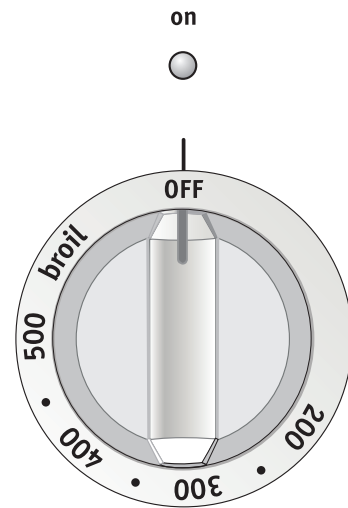
1. Arrange oven rack while oven is still cool. For rare meats, position broiler pan closer to the element (upper position). For well-done foods such as chicken, lobster tails or thick cuts of meat, position the pan further from the element (to a lower position). See table below for recommended position.

Rack Position From Top	Food
1	Rare steaks.
2	Ham slices, fish, hamburgers and medium steaks and chops.
3	Well-done foods such as chicken and lobster.

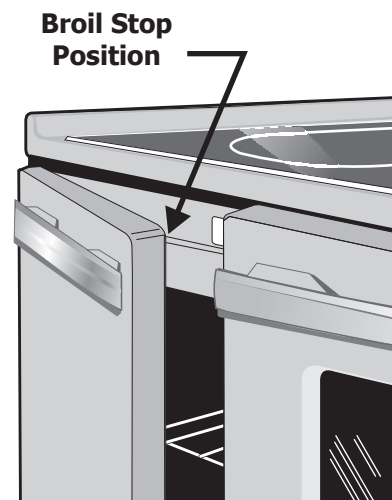
2. Turn the Temperature Control Knob to BROIL. To sear rare steaks, allow the element to become red-hot—(about 2 minutes)—before placing food in oven.
3. Place the grid on broiler pan, and then place the meat on the grid. DO NOT use broiler pan without the grid or cover the grid with aluminum foil. The exposed fat could ignite.
4. Place the pan on the oven rack. Close the oven door to the Broil Stop position while broiling (door opened about 2 inches).
5. Broil on one side until food is browned; turn and cook on the other side. Season and serve. Note: Always pull the rack out to the stop position before turning or removing food.
6. When broiling is finished, turn the Temperature Control Knob to OFF.

CAUTION

Should an oven fire occur, close the oven door and turn off the oven. If the fire continues, throw baking soda on the fire or use a fire extinguisher. DO NOT put water or flour on the fire. Flour may be explosive.



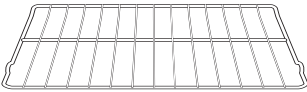

auxiliary oven



CARE & CLEANING (Cleaning Chart)

Cleaning various parts of your appliance

Before cleaning any part of the appliance, be sure all controls are turned off and the appliance is COOL. REMOVE SPILLOVERS AND HEAVY SOILING AS SOON AS POSSIBLE. REGULAR CLEANING WILL REDUCE THE NUMBER OF MAJOR CLEANING LATER.

Surfaces	How to Clean
Aluminum (trim pieces) & Vinyl	Use hot, soapy water and a cloth. Dry with a clean cloth.
Glass, Painted and Plastic Body Parts, Control Knobs & Decorative Trim Pieces	Using a soft cloth, clean with mild dish detergent and water or a 50/50 solution of vinegar and water. Follow by rinsing the area with clean water; dry and polish with a soft cloth. Glass cleaners may be used if sprayed on a soft cloth first. DO NOT spray liquids directly on the control pad and display area. Do not use large amounts of water on the control panel - excess water on the control area may cause damage to the appliance. Do not use other liquid cleaners, abrasive cleaners, scouring pads, or paper towels - they will damage the finish. To remove control knobs, turn to the OFF position; grasp firmly and pull straight off the shaft. To replace knobs after cleaning, line up the flat sides of both the knob and the shaft; then push the knob into place.
Control Panels	Before cleaning the control panel, turn all controls to OFF and remove the control knobs. To remove, pull each knob straight off the shaft. Clean as instructed above. Squeeze excess water from the cloth before wiping the panel; especially when wiping around the controls. Excess water in or around the controls may cause damage to the appliance. To replace knobs after cleaning, line up the flat sides of both the knob and the shaft; then push the knob into place.
Porcelain Enamel Burner Grates, Cooktop Surface, Below Cooktop, Broiler Pan & Insert (some models), Door Liner, Oven Bottom & Burner Drip Pans	Clean burner grates, broiler pan and insert (some models) in the dishwasher and dry upon removal. If soils are not removed, follow the cooktop cleaning instructions below. Gentle scouring with a soapy scouring pad will remove most spots. Rinse with a 1:1 solution of clear water and ammonia. If necessary, cover difficult spots with an ammonia-soaked paper towel for 30 to 40 minutes. Rinse with clean water and a damp cloth, then scrub with a soap-filled scouring pad. Rinse and wipe dry with a clean cloth. Remove all cleaners or the porcelain may become damaged during future heating. DO NOT use spray oven cleaners on the cooktop.
Stainless Steel Oven Door & Drawer Front Panel and Decorative Trim	Cleaners made especially for stainless steel as Stainless Steel Magic, or other similar cleaners are recommended. Always follow the manufacturer's instructions. Be sure to rinse the cleaners as bluish stains may occur during heating and cannot be removed.
Oven Racks 	Remove racks. See "To remove and to replace an oven rack" under Oven vent(s) and racks. Use a mild, abrasive cleaner, following manufacturer's instructions. Rinse with clean water and dry. After cleaning the racks, rub the sides of the racks with wax paper or a cloth containing a small amount of baby oil or salad oil (this will make the racks glide easier into the rack positions).
Oven Door 	Use soap & water to thoroughly clean the top, sides and front of the oven door. Rinse well. You may use a glass cleaner on the outside glass of the oven door. DO NOT immerse the door in water. DO NOT spray or allow water or the glass cleaner to enter the door vents. DO NOT use oven cleaners, cleaning powders or any 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, on Self-Cleaning models, which is essential for a good seal. Care should be taken not to rub, damage or remove this gasket.

Porcelain enamel oven Cleaning (auxiliary oven)

IMPORTANT

Adhere to the following cleaning precautions:

- Allow the oven to cool before cleaning.
- Wear rubber gloves when cleaning the appliance manually.

Remove spillovers and heavy soils as soon as possible. Regular cleanings will reduce the number of future major cleanings.

CAUTION

Ammonia must be rinsed before operating the oven. Provide adequate ventilation.

Porcelain has a smooth finish and is a type of glass fused to metal. Oven cleaners can be used on all interior oven surfaces.

General Cleaning

Remove soils using hot, soapy water. Do not allow food spills with a high sugar or acid content (such as milk, tomatoes, sauerkraut, fruit juices or pie filling) to remain on the surface as they may cause a dull spot even after cleaning.

To Remove Heavy Soil

1. Allow a dish of ammonia to sit in the oven overnight or for several hours with the oven door closed. Clean softened spots using hot, soapy water. Rinse well with water and a clean cloth.
2. If soil remains, use a soap-filled scouring pad or a nonabrasive cleaner. If necessary, use an oven cleaner following manufacturer's instructions. DO NOT mix ammonia with other cleaners.

Adhere to the following precautions when using oven cleaners:

1. DO NOT spray on the electrical controls or switches because it could cause a short circuit and result in sparking or fire.
2. DO NOT allow a film from the cleaner to build up on the temperature sensing bulb located at the top left rear corner of the oven; it could cause the oven to heat improperly. Carefully wipe the bulb clean after each oven cleaning, being careful not to move the bulb. A change in its position could affect how the oven bakes. Avoid bending the bulb and capillary tube.
3. DO NOT spray any cleaner on the oven door trim or gasket, handles or any exterior surfaces of the range, wood or painted surfaces. The cleaner can damage these surfaces.

To Clean the Oven Bottom

Clean using hot, soapy water, a mild abrasive cleanser, a soap-filled abrasive pad or oven cleaner following oven cleaner manufacturer's instructions.

CAUTION

DO NOT line the oven walls, bottom, racks or any other part of the appliance with aluminum foil. 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).

CARE & CLEANING

Ceramic glass cooktop cleaning & maintenance

Consistent and proper cleaning is essential to maintaining your Ceramic glass cooktop.

Prior to using your cooktop for the first time, apply the recommended CERAMA BRYTE® Cleaning Creme to the ceramic surface. Clean and buff with a non abrasive cloth or pad. This will make cleaning easier when soiled from cooking. The special cooktop cleaning cream leaves a protective finish on the glass to help prevent scratches and abrasions.



Sliding aluminum or copper clad bottom pans on the cooktop can cause metal markings on the cooktop surface. These marks should be removed **immediately** after the cooktop has cooled using the cooktop cleaning cream. Metal marks can become permanent if not removed prior to future use.

Cookware (cast iron, metal, ceramic or glass) with rough bottoms can mark or scratch the cooktop surface. **Do not slide anything metal or glass** across the cooktop. **Do not** use your cooktop as a cutting board or work surface in the kitchen. **Do not** cook foods directly on the cooktop surface without a pan. **Do not** drop heavy or hard objects on the glass cooktop, or they may crack it.

Cleaning recommendations for the ceramic glass cooktop

CAUTION

Before cleaning the cooktop, be sure the controls are turned to **OFF** and the cooktop is **COOL**.

WARNING

DO NOT use a cooktop cleaner on a hot cooktop. The fumes can be hazardous to your health, and can chemically damage the ceramic glass surface.

For light to moderate soil:

Apply a few drops of CookTop® Cleaning Creme directly to the cooktop. Use a paper towel or use a **non-abrasive** plastic type **no-scratch** pad to clean the entire cooktop surface. Make sure the cooktop is cleaned thoroughly, leaving no residue.

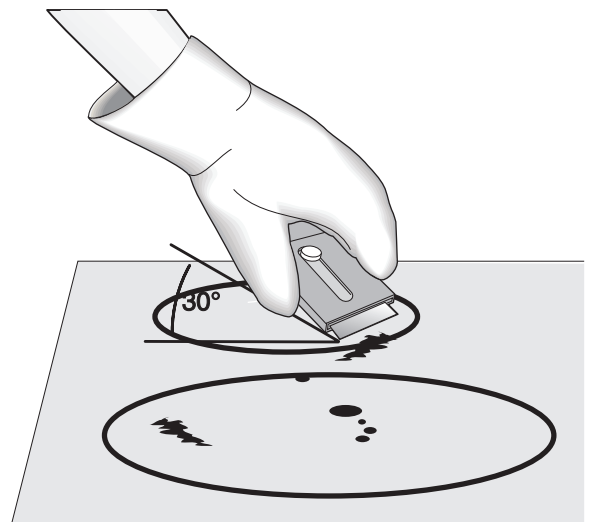
For heavy, burned on soil:

Apply a few drops of CookTop® Cleaning Creme directly to the soiled area. Rub the soiled area using a **non-abrasive** plastic type **no-scratch** pad, applying pressure as needed. Do not use the pad you use to clean the cooktop for any other purpose.

IMPORTANT

Damage to the ceramic glass cooktop may occur if you use an abrasive type scratch pad. Only use cleaning products that have been specifically designed for ceramic glass cooktop.

If soils remain, carefully scrape soils with a metal razor blade scraper, holding scraper at a 30 degree angle to the surface. Remove loosened soils, then apply a few drops of cleaning cream and buff surface clean.



Cleaning recommendations for the ceramic glass cooktop (continued)

Plastic or foods with a high sugar content:

These types of soils need be removed immediately if spilled or melted onto the ceramic cooktop surface. Permanent damage (such as pitting of the cooktop surface) may occur if not removed **immediately**. After turning the surface elements OFF, use a razor blade scraper or a metal spatula with a mitt and scrape the soil from the hot surface (as illustrated). Allow the cooktop to cool, and use the same method for heavy or burned on soils.

Do not use the following on the ceramic glass cooktop:

- **Do not use abrasive cleaners and scouring pads, such as metal and some nylon pads. They may scratch the cooktop, making it more difficult to clean.**
- **Do not use harsh cleaners, such as chlorine bleach, ammonia or oven cleaners, as they may etch or discolor the cooktop.**
- **Do not use dirty sponges, cloths or paper towels, as they can leave soil or lint on the cooktop which can burn and cause Special Caution for Aluminum Foil and Aluminum Cooking Utensils**



- **Aluminum foil**

Use of aluminum foil will damage the cooktop. Do not use under any circumstances.

- **Aluminum utensils**

Since the melting point of aluminum is much lower than that of other metals, care must be taken when aluminum pots or pans are used. Pans that boil dry may permanently damage cooktop by breaking, fusing to, or marking it.

To Clean the Burner Grates, Contoured Burner Pans, Burner Caps, and Burner Bases.

The burner grates, contoured burner pans, burner cap, and burner base should be routinely cleaned. Keeping the burner ports clean will prevent improper ignition and an uneven flame. Follow instructions below.

To Clean the Contoured Burner Pans

The square burner pans are attached to the cooktop and are not removable. The burner pan forms a recessed well area located around each burner unit. If a spill occurs in one of the four well areas, blot up spill with an absorbent cloth. Rinse with a clean, damp cloth and wipe dry.

To Clean the Grates

Any remaining soil may be removed by gently scouring with a soapy scouring pad. Rinse with a 1:1 solution of clean water and ammonia. If necessary, cover difficult spots with an ammonia-soaked paper towel for 30 to 40 minutes. Rinse with clean water and a damp cloth, then scrub with a soap-filled scouring pad. Rinse and wipe dry with a clean cloth. Remove all cleaners thoroughly or the grate porcelain may become damaged during future heating. DO NOT use spray oven cleaners.

To Clean the Burner Caps

Use a soap-filled scouring pad or a mild abrasive cleanser to clean burner caps. If necessary, cover stubborn spots with an ammonia-soaked paper towel for 30 minutes. Rub gently with a soap-filled scouring pad and rinse with a mixture of clean water and vinegar. Wipe dry. Remove all cleaners thoroughly or the burner cap porcelain may become damaged during future heating.

To Clean the Burner Bases and Gas Openings

The ports (or slots) around the burner base must be routinely cleaned. Use a small-gauge wire or needle to clean small slots or holes. Use care to prevent damage to the electrode. If a cleaning cloth should catch the electrode, it could break or damage the electrode. If the electrode is damaged or broken, the surface burner will not light because it will not spark. Manual lighting with a match is still possible.

For proper flow of gas and ignition of the burner—DO NOT ALLOW SPILLS, FOOD, CLEANING AGENTS OR ANY OTHER MATERIAL TO ENTER THE GAS OPENING. Gas must flow freely through the small hole in the brass orifice for the burners to light properly. If the gas opening orifice becomes soiled or clogged, use a small-gauge wire or needle to clean. ALWAYS keep the burner cap assembly and ring in place whenever a surface burner is in use.

After cleaning make sure each burner cap is properly aligned and level. Turn the burner on to determine if it will light. If the burner does not light after cleaning, contact a Service Center. Do not service the sealed burner yourself.

CARE & CLEANING

Care and cleaning of stainless steel

Some models are equipped with stainless steel exterior parts. Special care and cleaning are **required** for maintaining the appearance of stainless parts. Refer to the **General Care & Cleaning** table for detailed cleaning instructions.

Removing and replacing the main oven door (If equipped with hinge style A)

CAUTION

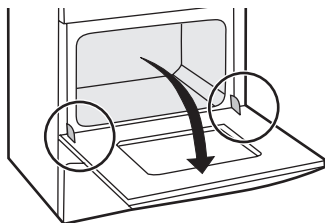
The door is heavy. For safe, temporary storage, lay the door flat with the inside of the door facing down.

To Remove Oven Door:

1. Open oven door completely (horizontal with floor - See Figure 1).
2. Pull the door hinge locks on both left and right door hinges down from the oven frame completely towards the oven door (See Figure 2). A tool such as a small flat-blade screwdriver may be required.
3. Firmly grasp both sides of oven door along the door sides (Do not use the oven door handle - See Figure 3).
4. Close the door to the broil stop position (the oven door will stop into this position just before fully closing).
5. With the oven door in the broil stop position, lift the oven door hinge arms over the roller pins located on each side of the oven frame (See Figure 4).

To Replace Oven Door:

1. Firmly grasp both sides of oven door along the door sides (Do not use the oven door handle - See Figure 3).
2. Holding the oven door at the same angle as the removal position, seat the hook of the hinge arm over the roller pins located on each side of the oven door frame (See Figure 4). The hook of the hinge arms must be fully seated onto the roller pins.
3. Fully open the oven door (horizontal with floor - See Figure 1).
4. Push the door hinge locks up towards and into the oven frame on both left and right oven door hinges (See Figure 2) to the locked position.
5. Close the oven door.



Door Hinge locations
with oven door fully open

Figure 1

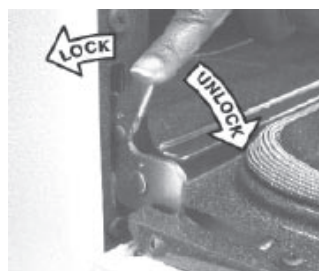


Figure 2

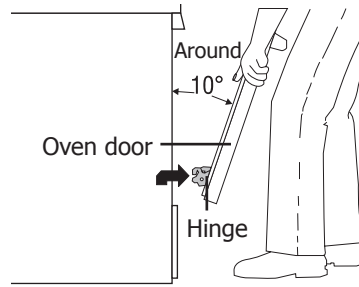


Figure 3

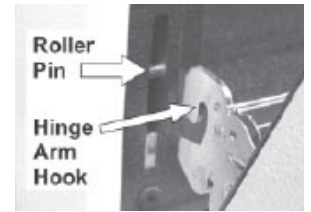


Figure 4

Removing and Replacing the main oven door (If equipped with hinge style B)

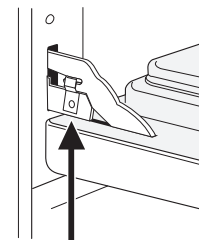
1. Open the door to the fully opened position.
2. Pull up the lock located on both hinge supports and engage it in the hinge levers. You may have to apply a little downward pressure on the door to pull the locks fully over the hooks.
3. Grab the door by the sides, pull the bottom of the door up and toward you to disengage the hinge supports. Keep pulling the bottom of the door toward you while rotating the top of the door toward the range to completely disengage the hinge levers.
4. To replace the door, reverse the door removal steps. Make sure the hinge supports are fully engaged before unlocking the hinge levers.

CAUTION

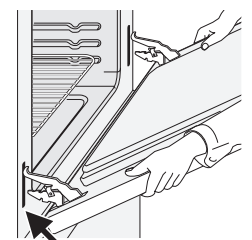
The door is heavy. After removing door, lay it flat on the floor with its inside facing down.



Lock in normal
position



Lock engaged
for door removal



Hinge slot door removed
from the range

Special door care instructions - Most oven doors contain glass that can break.

Read the following recommendations:

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

Changing oven light

! CAUTION

Be sure the oven is unplugged and all parts are COOL before replacing the oven light bulb. Do not turn the oven light on during a self-cleaning cycle. High temperature will reduce lamp life.

The interior oven light will turn ON automatically when the oven is opened. The oven light may be turned on when the door is closed by using the oven light switch located on the Electronic Oven control. The oven light bulb is covered with a glass shield held in place by a wire holder. THIS GLASS SHIELD MUST ALWAYS BE IN PLACE WHEN THE OVEN IS IN USE.

! CAUTION

BE SURE OVEN IS COOL

To Replace the Light Bulb:

1. Turn the power OFF at the main source.
2. Wear a leather-faced glove for protection against possible broken glass.
3. Replace bulb with a 40 Watts appliance bulb only.
4. Press wire holder to one side to release glass shield, change bulb and be sure to replace glass shield.



To remove and replace storage drawer with extendible glide

Use the storage drawer for storing cooking utensils. The drawer can be removed to facilitate cleaning under the range. Use care when handling the drawer.

To Remove Storage Drawer

1. Open the drawer to the fully opened position.
2. Locate the glide lever on each side of drawer; pull up on the left lever and push down on the right glide lever (see figure).
3. Pull the drawer away from the appliance.

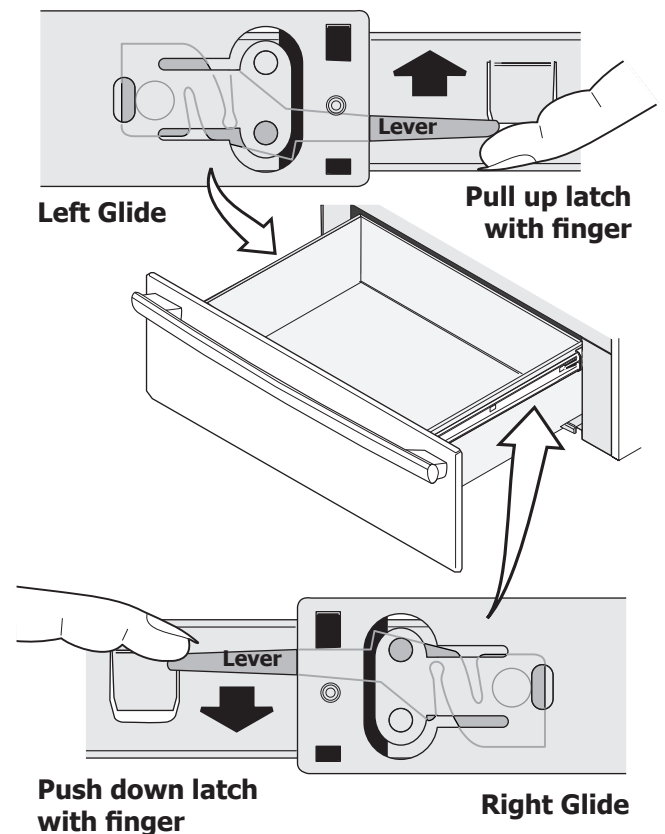
4. To clean keep warm drawer, gently scour with a soapy scouring pad, this will remove most spots. Rinse with a 1:1 solution of clear water and ammonia. If necessary, cover difficult spots with an ammonia-soaked paper towel for 30 to 40 minutes. Rinse with clean water and a damp cloth. Remove all cleaners or the porcelain may become damaged during future heating. DO NOT use spray oven cleaners on the cooktop.

To Replace Storage Drawer

1. Align the glide latches on both sides of the drawer with the slots on the drawer.
2. Push the drawer back into the appliance.

! WARNING

Flammable materials should not be stored in an oven, near surface elements or in the storage drawer or compartment (if equipped). This includes paper, plastic and cloth items, such as cookbooks, plasticware and towels, as well as flammable liquids. Do not store explosives, such as aerosol cans, on or near the range. Flammable materials may explode and result in fire or property damage.








BEFORE YOU CALL (Solutions to Common Problems)

Oven baking

For best cooking results, heat the oven before baking cookies, breads, cakes, pies or pastries, etc. There is no need to preheat the oven for roasting meat or baking casseroles.

The cooking times and temperatures needed to bake a product may vary slightly from your previously owned appliance.

Baking Problems and Solutions Chart

Baking Problems	Causes	Corrections
<p>Cookies and biscuits burn on the bottom.</p> 	<ul style="list-style-type: none"> • Cookies and biscuits put into the oven before the preheating time is completed. • Oven rack overcrowded. • Dark pan absorbs heat too fast. 	<ul style="list-style-type: none"> • Allow oven to preheat to the selected temperature before placing food in oven. • Choose pan sizes that will permit 5.1cm to 10.2cm (2" to 4") of air space on all sides when placed in the oven. • Use a medium-weight aluminum baking sheet.
<p>Cakes too dark on top or bottom.</p> 	<ul style="list-style-type: none"> • Cakes put into the oven before preheating time is completed. • Rack position too high or low. • Oven too hot. 	<ul style="list-style-type: none"> • Allow oven to preheat to the selected temperature before placing food in the oven. • Use proper rack position for baking needs. • Set oven temperature 25°F/12°C lower than recommended.
<p>Cakes not done in the center.</p> 	<ul style="list-style-type: none"> • Oven too hot. • Incorrect pan size. • Pan not centered in oven. 	<ul style="list-style-type: none"> • Set oven temperature 25°F/12°C lower than recommended. • Use pan size suggested in recipe. • Use proper rack position and place pan so there is 5.1cm to 10.2cm (2" to 4") of space on all sides of pan.
<p>Cakes not level.</p> 	<ul style="list-style-type: none"> • Range not level. • Pan too close to oven wall or rack overcrowded. • Pan warped. 	<ul style="list-style-type: none"> • Place a marked glass measuring cup filled with water on the center of the oven rack. If the water level is uneven, refer to the installation instructions for leveling the range. • Be sure to allow 5.1cm to 10.2cm (2" to 4") of clearance on all sides of each pan in the oven. • Do not use pans that are dented or warped.
<p>Foods not done when cooking time is up.</p> 	<ul style="list-style-type: none"> • Oven too cool. • Oven overcrowded. • Oven door opened too frequently. 	<ul style="list-style-type: none"> • Set oven temperature 25°F/12°C higher than suggested and bake for the recommended time. • Be sure to remove all pans from the oven except the ones to be used for baking. • Open oven door only after shortest recommended baking time.

BEFORE YOU CALL (Solutions to Common Problems)

IMPORTANT

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.

OCCURRENCE	POSSIBLE CAUSE/SOLUTION
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 rack is level. When range is level, cooktop may appear out of alignment if countertop is not level.
	Weak, unstable floor. Be sure floor is level and can adequately support range. If floor is sagging or slopping, contact a carpenter to correct the situation.
	Kitchen cabinet misalignment may make range appear to be 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 tight. Contact a cabinet maker to correct the problem.
	Contact builder or installer to make appliance accessible.
	Carpet interferes with range. Provide sufficient space so range can be lifted over carpet.
Entire range or oven does not operate.	Make sure cord/plug is plugged tightly into outlet.
	Service wiring is not complete. Call an authorized servicer.
	Electrical power outage. Check house lights to be sure. Call your local electric company for service.
Oven control beeps and displays any F code error (ex.: F10)	Electronic control has detected a fault condition. Press CANCEL to clear the display and stop beeping. Reprogram oven. If fault recurs, record fault number. Press CANCEL and call an authorized servicer for assistance.
Oven light does not work.	Replace or tighten bulb. See Changing Oven Light section in this Use & Care Guide.
	Electrical power outage. Check house lights to be sure. Call your local electric company for service.
Surface unit does not heat.	No power to the appliance. Check steps under "Entire Range or Oven Does Not Operate" in this Before you Call checklist.
	Incorrect control setting. Make sure the correct control is on for the surface unit to be used.
Surface burners do not light.	Surface control knob has not been completely turned to LITE. Push in and turn the surface control knob to LITE (until burner ignites) and then turn the surface control knob to the desired flame size.
	Burner ports are clogged. Clean burners. See "To Clean Burner Grates, Contoured Burner Pans, Burner Cap and Burner Base" under General Cleaning. With the burner off, use small-gauge wire or needle to clean ports or slots.
	Gas supply is turned off. Turn gas supply on.
Surface burner flame burns half way around.	Burner ports or slots are clogged. With the burner off, clean by using a small-gauge wire or needle to lean ports or slots.
	Moisture is present after cleaning. Lightly fan the flame and allow the burner to operate until flame is full. Dry the burners thoroughly following instructions under General Cleaning.
Surface burner flame is orange.	Dust particles in main line. Allow the burner to operate a few minutes until flame turns blue.
	Salt air in coastal areas. A slightly orange flame is unavoidable.
Metalmarks.	Sliding or scraping of metal utensils on cooktop surface. Do not slide metal utensils on cooktop surface. Use a ceramic-glass cooktop cleaning cream to remove the marks. "Cooktop Cleaning - Ceramic Glass Cooktop Models" section under General Cleaning.

BEFORE YOU CALL (Solutions to Common Problems)

OCCURRENCE	POSSIBLE CAUSE/SOLUTION
Scratches or abrasions on cooktop surface.	<p>Coarse particles such as salt or sand between cooktop and utensils can cause scratches. Be sure cooktop surface and bottoms of utensils are clean before usage. Small scratches do not affect cooking and will become less visible with time.</p> <p>Cleaning materials not recommended for ceramic-glass cooktop have been used. See "Cooktop Cleaning - Ceramic Glass Cooktop Models" section under General Cleaning.</p> <p>Cookware with rough bottom has been used. Use smooth, flat-bottomed cookware.</p>
Brown streaks or specks.	<p>Boilovers are cooked onto surface. Use razor blade scraper to remove soil. "Cooktop Cleaning - Ceramic Glass Cooktop Models" section under General Cleaning.</p>
Areas of discoloration with metallic sheen.	<p>Mineral deposits from water and food. Remove using a ceramic-glass cooktop cleaning cream. Use cookware with clean, dry bottoms.</p>
Poor baking results.	<p>Many factors affect baking results. Make sure the proper rack position is used. Center food in the oven and space pans to allow air to circulate. Allow the oven to preheat to the set temperature before placing food in the oven. Try adjusting the recipes' recommended temperature or baking time. If you feel the oven is too hot or cool, see "Adjusting Your Oven Temperature" section in the Electronic Oven Control Guide.</p>
Fan noise during cooking operation.	<p>A cooling fan may automatically turn on and off to cool internal parts. It is normal, and the fan may continue to run even after oven is turned off.</p>
Flames inside oven or smoking from vent.	<p>Excessive spillovers in oven. Set self-clean cycle for a longer cleaning time.</p> <p>Excessive spillovers in oven. This is normal, especially for pie spillovers or large amounts of grease on the oven bottom. Wipe up excessive spillovers before starting the self-clean cycle. If flames or excessive smoke are present, stop the self-clean cycle and follow the steps under "Stopping or Interrupting the Self-Cleaning Cycle" in the Electronic Oven Control Guide.</p>
Oven smokes excessively during broiling.	<p>Control(s) not set properly. Follow instructions under "Setting Oven Controls".</p> <p>Make sure oven door is opened to Broil Stop Position.</p> <p>Meat too close to the element. Reposition the rack to provide proper clearance between the meat and the element. Preheat broil element. Preheat broil element for searing.</p> <p>Grid 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.</p> <p>Grease has built up on oven surfaces. Regular cleaning is necessary when broiling frequently. Old grease or food spatters cause excessive smoking.</p>
Self-cleaning cycle does not work.	<p>Control(s) not set properly. Follow instructions under "Oven Cleaning" in the Electronic Oven Control Guide.</p> <p>Self-cleaning cycle was interrupted. Stop time must be 2 to 4 hours past the start time. Follow steps under "Stopping or Interrupting the Self-Cleaning Cycle" in the Electronic Oven Control Guide.</p>
Soil not completely removed after self-cleaning cycle.	<p>Set Self-Clean cycle for a longer cleaning time.</p> <p>Failure to clean bottom front, top of oven or door areas outside oven seal. These areas are not in the Self-Cleaning area, but get hot enough to burn on food residue. Clean these areas before starting the Self-Clean cycle. Burned-on residue may be cleaned with a stiff nylon brush and water or nylon scrubber. Be careful not to damage the oven gasket.</p>

MAJOR APPLIANCE WARRANTY

Your appliance is covered by a one year limited warranty. For one year from your original date of purchase, Electrolux will pay all costs for repairing or replacing any parts of this appliance that prove to be defective in materials or workmanship when such appliance is installed, used and maintained in accordance with the provided instructions.

Exclusions This warranty does not cover the following:

1. Products with original serial numbers that have been removed, altered or cannot be readily determined.
2. Product that has been transferred from its original owner to another party or removed outside the USA or Canada.
3. Rust on the interior or exterior of the unit.
4. Products purchased "as-is" are not covered by this warranty.
5. Food loss due to any refrigerator or freezer failures.
6. Products used in a commercial setting.
7. Service calls which do not involve malfunction or defects in materials or workmanship, or for appliances not in ordinary household use or used other than in accordance with the provided instructions.
8. Service calls to correct the installation of your appliance or to instruct you how to use your appliance.
9. Expenses for making the appliance accessible for servicing, such as removal of trim, cupboards, shelves, etc., which are not a part of the appliance when it is shipped from the factory.
10. Service calls to repair or replace appliance light bulbs, air filters, water filters, other consumable, or knobs, handles, or other cosmetic parts.
11. Surcharges including, but not limited to, any after hour, weekend, or holiday service calls, tolls, ferry trip charges, or mileage expense for service calls to remote areas, including the state of Alaska.
12. Damages to the finish of appliance or home incurred during installation, including but not limited to floors, cabinets, walls, etc.
13. Damages caused by: services performed by unauthorized service companies; use of parts other than genuine Electrolux parts or parts obtained from persons other than authorized service companies; or external causes such as abuse, misuse, inadequate power supply, accidents, fires, or acts of God.

DISCLAIMER OF IMPLIED WARRANTIES; LIMITATION OF REMEDIES

Customer's sole and exclusive remedy under this limited warranty shall be product repair or replacement as provided herein. Claims based on implied warranties, including warranties of merchantability or fitness for particular purpose, are limited to one year or the shortest period allowed by law, but not less than one year. Electrolux shall not be liable for consequential or incidental damages such as property damage and incidental expenses resulting from any breach of this written limited warranty or any implied warranty. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitations on the duration of implied warranties, so these limitations or exclusions may not imply to you. This written warranty gives you specific legal rights. You may also have other rights that vary from state to state.

If You Need Service

Keep your receipt, delivery slip, or some other appropriate payment record to establish the warranty period should service be required. If service is performed, it is in your best interest to obtain and keep all receipts. Service under this warranty must be obtained contacting Electrolux at the addresses or phone numbers below.

This warranty only applies in the USA and Canada. In the USA, your appliance is warranted by Electrolux Major Appliances North America, a division of Electrolux Home Products, Inc. In Canada, your appliance is warranted by Electrolux Canada Corp. Electrolux authorizes no person to change or add to any obligations under this warranty. Obligations for service and parts under this warranty must be performed by Electrolux or an authorized service company. Product features or specifications as described or illustrated are subject to change without notice.

USA
1.800.944.9044
Electrolux Major Appliances
North America
P.O. Box 212378
Augusta, GA 30907



Canada
1.800.265.8352
Electrolux Canada Corp.
5855 Terry Fox Way
Mississauga, Ontario, Canada
L5V 3E4