

FRIGIDAIRE

All about the

Use & Care

of your Gas Range

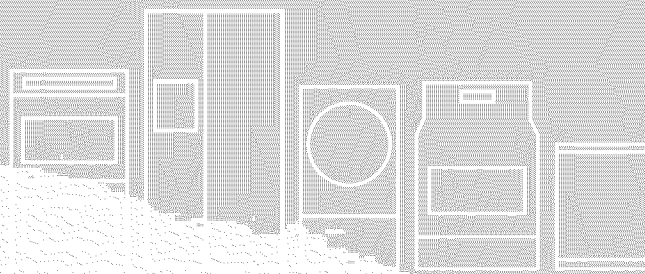


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PRODUCT RECORD AND REGISTRATION

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Thank you for choosing **Frigidaire**.

This Use & Care Guide is part of our commitment to customer satisfaction and product quality throughout the service life of your new appliance. We view your purchase as the beginning of a relationship. To ensure our ability to continue serving you, please use this page to record important product information.

Need help??

Visit the Frigidaire web site at www.frigidaire.com

Before you call for service, there are a few things you can do to help us serve you better.

Read this Use & Care manual.

It contains instructions to help you use and maintain your range properly.

If you received a damaged range ...

immediately contact the dealer (or builder) that sold you the range.

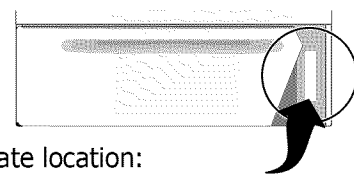
Save time and money.

Check the section "Before You Call". This section helps step you through some common problems that might occur. If you do need service, help is only a phone call away. Call Frigidaire Customer Services at **1-800-944-9044**.

Product Registration

Registering your product with Frigidaire enhances our ability to serve you. You can register online at **www.frigidaire.com** or by dropping your Product Registration Card in the mail.

Serial plate location



Serial plate location:
open storage drawer (some models) or
remove lower front panel (some models).

Record model & serial numbers here

Purchase date

Model number

Serial number

Be sure to visit us online at
www.frigidaire.com
for a complete line of accessories.

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

Do not attempt to install or operate your appliance until you have read the safety precautions in this manual. Safety items throughout this manual are labeled with a WARNING or CAUTION statement based on the risk type.

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

WARNING indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.

⚠ CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

➡ IMPORTANT

IMPORTANT indicates installation, operation, maintenance or valuable information that is not hazard related.

Important Safety Instructions

- **Remove all tape and packaging before using the range.** Destroy the carton and plastic bags after unpacking the range. Never allow children to play with packaging material.
- **Proper Installation—Be sure your appliance is properly installed and grounded by a qualified technician in accordance with the National Fuel Gas Code ANSI Z223.- latest edition, or in Canada CAN/CGA B149.1, and CAN/CGA B149.2, and the National Electrical Code ANSI/NFPA No.70-latest edition, or in Canada CSA Standard C22.1, Canadian Electrical Code, Part 1, 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 power to the range at the circuit breaker or fuse box in case of an emergency.

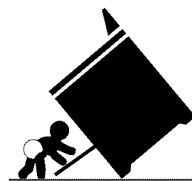
⚠ WARNING

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.**

⚠ WARNING

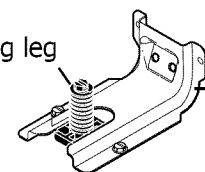


Tip Over Hazard

- A child or adult can tip the range and be killed.
- Verify the anti-tip device has been installed to floor or wall.
- Ensure the anti-tip device is re-engaged when the range is moved to floor or wall.
- Do not operate the range without the anti-tip device in place and engaged.
- Failure to follow these instructions can result in death or serious burns to children and adults.



Range leveling leg



Anti-Tip bracket

To check if the anti-tip bracket is installed properly, use both arms and grasp the rear edge of range back. Carefully attempt to tilt range forward. When properly installed, the range should not tilt forward.

Refer to the anti-tip bracket **installation instructions** supplied with your range for proper installation.

Save these instructions for future reference.

IMPORTANT SAFETY INSTRUCTIONS

WARNING

- **Stepping, leaning or sitting on the door or drawers of a range can result in serious injuries and also cause damage to the appliance.** DO NOT allow children to climb or play around the range. The weight of a child on an open oven door may cause the range to tip, resulting in serious burns or other injury.
- **NEVER use this appliance as a space heater to heat or warm the room. Doing so may result in carbon monoxide poisoning.**
- **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.**
- **Storage in or on appliance — to avoid a fire hazard, flammable materials should not be stored in an oven, near surface units or in the storage drawer, warmer drawer or lower oven.** 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.
- **DO NOT LEAVE CHILDREN ALONE — to avoid injuries or burns children should not be left alone or unattended in the area where the range is in use.** They should never be allowed to sit or stand on any part of the range including the storage drawer, lower broiler drawer, lower oven or warmer drawer.

CAUTION

- **Do not store items of interest to children in the cabinets above a range or on the backguard of the range.** Children climbing on the range to reach items could be seriously injured.
- **Do not touch surface burners, areas near these burners, oven burners or interior surfaces of the oven.** Both surface and oven burners may be hot even though flames are not visible. Areas near surface burners 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.

CAUTION

- **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.
- **Do not use water or flour on grease fires — flour may be explosive. 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 dry potholders - moist or damp potholders on hot surfaces may result in burns from steam.** Do not let potholders touch hot heating elements. Do not use a towel or other bulky cloth instead of a potholder.
- **Do not heat unopened food containers - buildup of pressure may cause container to burst and result in injury.**
- Be sure to always have an appropriate foam-type **fire extinguisher** available, visible and easily accessible located near the appliance.
- **Never modify or alter the construction of a range by removing the leveling legs, panels, wire covers, anti-tip bracket/screws, or any other part of the range.**
- **Remove the oven door from any unused range if it is to be stored or discarded.**
- **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 range.

IMPORTANT

For electric ignition models only: Do not attempt to operate the range during a power failure. If the power fails, always turn off the range. If the range is not turned off and the power resumes, the range will begin to operate again. Once the power resumes, reset the clock and oven function.

IMPORTANT SAFETY INSTRUCTIONS

IMPORTANT INSTRUCTIONS FOR USING YOUR OVEN

- **Use care when opening oven door , warmer drawer or lower oven door**—Stand to the side of the range 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.** The oven vent is located below the backguard. 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.
- **Placement of Oven Racks.** Always place oven racks in desired location while oven is cool. If rack must be moved while oven is hot use extreme caution. Use potholders and grasp the rack with both hands to reposition. Do not let potholders contact the hot heating elements in the oven. Remove all utensils from the rack before moving.
- **Do not use the broiler pan without its insert.** The broiler pan and its insert allow dripping fat to drain and be kept away from the high heat of the broiler.
- **Do not cover the broiler insert with aluminum foil. Exposed fat and grease could ignite.**
- **Protective liners**—Do not use aluminum foil to line the oven bottom. Only use aluminum foil as recommended in this manual. Improper installation of these liners may result in risk of electric shock, or fire.

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.

IMPORTANT INSTRUCTIONS FOR USING YOUR COOKTOP

WARNING

Use Proper Flame Size—Adjust flame size so it does not extend beyond the edge of the utensil. The use of undersized utensils will expose a portion of the burner flame to direct contact and may result in ignition of clothing. Proper relationship of utensil to flame will also improve efficiency.

- **Know which knob controls each surface burner.** Place a pan of food on the burner before turning it on, and turn the burner off before removing the pan.
- **Always turn knob to the full LITE position when igniting top burners.** Visually check that burner has lit. Then adjust the flame so it does not extend beyond the edge of the utensil.
- **Utensil handles should be turned inward and not extend over adjacent surface burners**—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 burners.
- **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.
- **Glazed cooking utensils**—Only certain types of glass, glass/ceramic, ceramic, earthenware, or other glazed utensils are suitable for cook top service without breaking due to the sudden change in temperature. Check the manufacturer's recommendations for cook top use.
- **When flaming foods under a ventilating hood, turn the fan on.**
- **Air curtain or other overhead range hoods**, which operate by blowing a downward air flow on to a range, shall not be used in conjunction with gas ranges other than when the hood and range have been designed, tested and listed by an independent test laboratory for use in combination with each other.

IMPORTANT SAFETY INSTRUCTIONS

SELF-CLEANING OVENS

WARNING

- **Do not touch** the oven during the self-clean cycle.
- Keep children away from oven during self-clean cycle.
- Failure to follow these instructions can result in burns.

- **Clean in the self-cleaning cycle only the parts listed in this Use & Care Manual.** Before self-cleaning the oven, remove the broiler pan and any utensils or foods from the oven.
- **Do not use oven cleaners**—No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the oven.
- **Do not clean door gasket**—The door gasket is essential for a good seal. Care should be taken not to rub, damage or move the gasket.
- 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.

IMPORTANT INSTRUCTIONS FOR CLEANING YOUR RANGE

- **Clean the range regularly to keep all parts free of grease that could catch fire.** Pay particular attention to the area around each surface element. Do not allow grease to accumulate.
- **Kitchen cleaners and aerosols**—Always follow the manufacturer's recommended directions for use. Be aware that excess residue from cleaners and aerosols may ignite causing damage and injury.
- **Clean ventilating hoods frequently**—Grease should not be allowed to accumulate on the hood or filter. Follow the manufacturer's instructions for cleaning hoods.

Conversion to Liquefied Petroleum Gas

WARNING

Personal injury or death from electrical shock may occur if the range is not installed by a qualified installer or electrician. Any additions, changes or conversions required in order for this appliance to satisfactorily meet the application needs **must be made by a qualified technician.**

If your gas range model design allows for L.P. conversion, the L.P. conversion kit may be obtained from your local appliance dealer and should be installed by a qualified service technician. Before installing the kit be sure to follow the L.P. Installation Instructions carefully.

Grounding Instructions

WARNING

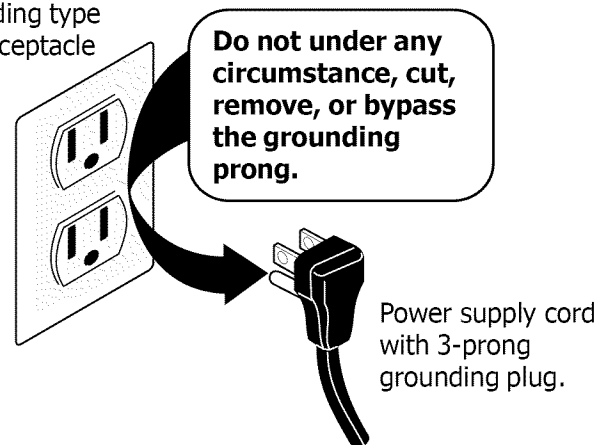
Avoid fire hazard or electrical shock. Do not use an adapter plug, an extension cord, or remove grounding prong from electrical power cord. Failure to follow this warning can cause serious injury, fire or death.

This appliance is equipped with a 3-prong grounding plug for your protection against shock hazard and should be plugged directly into a properly grounded receptacle. **DO NOT** cut or remove the grounding prong from this plug.

For personal safety, the range must be properly grounded. For maximum safety, the power cord must be plugged into an electrical outlet that is correctly polarized and properly grounded.

If a 2-prong wall receptacle is the only available outlet, it is the personal responsibility of the consumer to have it replaced with a properly grounded 3-prong wall receptacle installed by a qualified electrician.

Grounding type wall receptacle



See the **INSTALLATION INSTRUCTIONS** packaged with this range for complete installation and grounding instructions.

BEFORE SETTING OVEN CONTROLS

Oven vent location

The oven vent is located below the control panel (Fig. 1). When the oven is heating, warm air passes through this vent. This venting is necessary for proper air circulation in the oven which helps to provide good baking results. **Do not block the oven vent.**

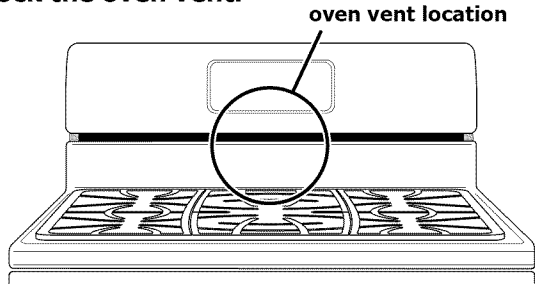


Fig. 1

Oven racks



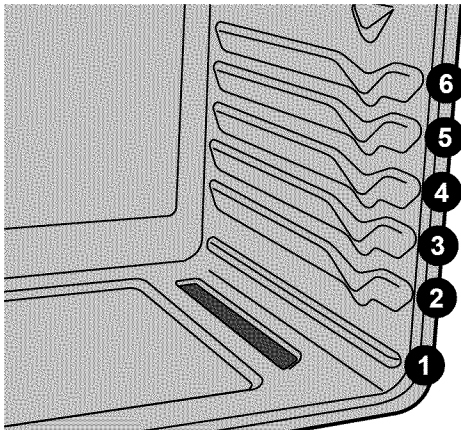
CAUTION

Always use **oven mitts** to protect hands from possible burns when using the oven or cooktop. The oven, oven racks and cooktop will become **very hot**.



IMPORTANT

Do not remove or attempt to arrange oven racks with cookware still on the racks. To avoid damaging cookware or spilling food items, always remove any cookware first.



Oven rack positions - Fig. 2

Recommended oven rack positions by food type

Food type	Position
Broiling meats	See broil
Cookies, cakes, pies, biscuits & muffins	3 or 4
Frozen pies, angel food cake, yeast, bread and casseroles	1 or 2
Small cuts of meat or poultry	1 or 2
Turkey, roast or ham	1

Oven rack stop

Most flat and offset oven racks slide on rack guides provided along the oven cavity sides. For better access to food items in the oven, **slowly** pull the oven rack straight out to the oven rack stop position before checking on food items or removing food dishes from the oven (Fig. 3).

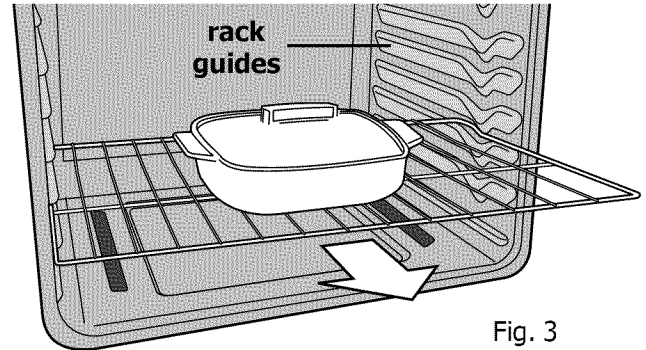


Fig. 3

The rack guides are curved near the front of each guide. The curve will catch and hold the oven rack stable into a stop position when an oven rack is extended straight out from the oven.

Removing, replacing & arranging most oven racks types

Arranging - always arrange oven racks when the oven is cool (prior to operating the oven).

To remove - Pull the oven rack straight out until it reaches the stop position. Tilt up front of oven rack to slide past the stop position and pull the rack out of the oven cavity (Fig. 4).

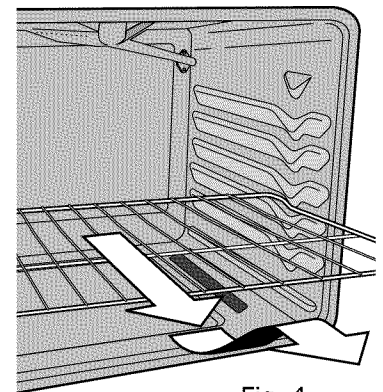


Fig. 4

To replace - Rest the oven rack evenly between one of the left and right front guides along the oven walls. Be sure to place using left and right oven guides that will hold the oven rack level. Tilt front of rack upward and slide rack in past the stop position. Then bring the rack to a level position and slide the rack completely inside of the oven (Fig. 5).

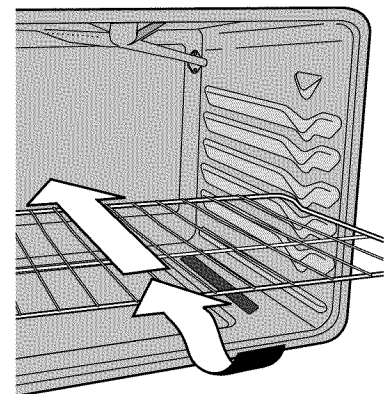
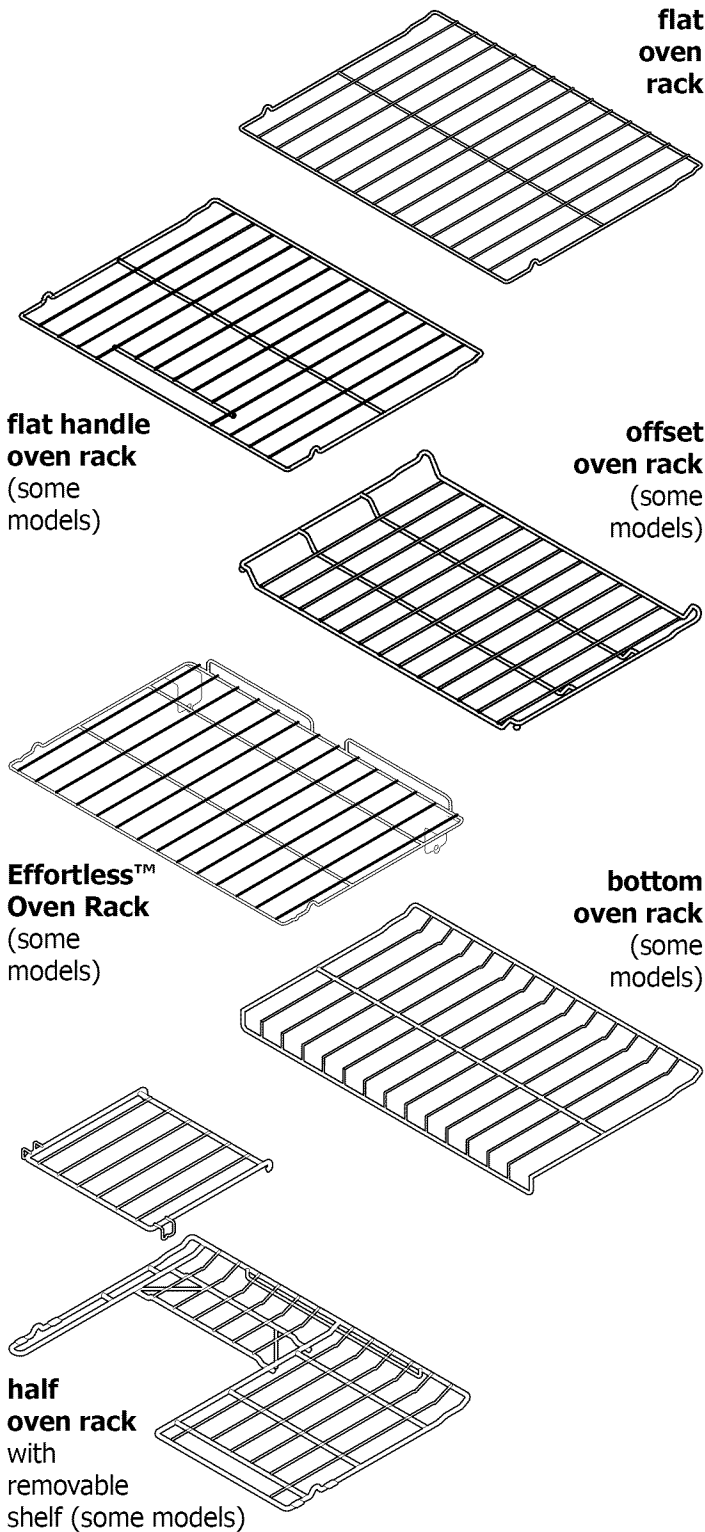


Fig. 5

BEFORE SETTING OVEN CONTROLS



Types of oven racks

Your range may be equipped with one or more of the following oven rack types listed below:

The **flat oven rack** may be used for most cooking needs and may be placed in all rack positions.

The **flat handle oven rack** (some models) may be used for most cooking needs and may be placed in all* rack positions. Similar to the flat rack but comes with a handle.

The **offset oven rack** (some models) provides additional stepdown positions from the standard flat rack design. The offset design positions the base of the rack about 1/2 of a rack position lower than the flat rack.

The **half rack** (some models) has a removable section to allow for taller cooking utensils in the oven. When the removable section is in place, the rack may be used like a flat rack.

The **Effortless™ Oven Rack** (some models) instructions are provided later in this section. See important note below.

The **bottom oven rack** (some models) should only be used in the lowest oven rack position. This rack should be used when placing large cuts of meat in the oven.

Air circulation in the oven

For best 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. For even heating, hot air must be able to circulate freely around the pans and cookware (See Fig. 1).

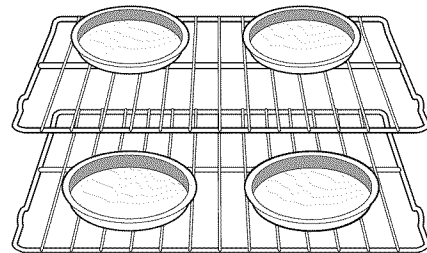


Fig. 1

Baking layer cakes with 1 or 2 oven racks

For best results when baking cakes using 2 oven racks, place cookware on rack in positions 2 & 4. For best results when using a single or an offset oven rack, place cookware on rack in position 2, 3 or 4.

BEFORE SETTING OVEN CONTROLS

Effortless™ Oven Rack system

Some models are equipped with a special oven rack system that automatically partially extends the oven rack from the interior oven glides to assist in easier access to your food items. This feature works whenever the oven door is opened or closed.

To assemble the Effortless™ Oven Rack system:

1. Locate all required parts. You will need the supplied oven rack (Effortless™ Oven Rack is a flat rack with a special **dark coating** on the **left and right rack sides**) and the 2 supplied chrome connector arms.
2. Open the oven door. Be sure the oven is completely cool before proceeding.
3. Place the oven rack in positions **2, 3 or 4 only** (see previous page to verify positions). Be sure the rack connector brackets are at the rear of the range and pointing towards oven bottom (See Fig. 2).
4. Assemble one connector arm at a time. With the oven door open and the oven rack in place, install one end of the connector arm to the hole in the **door connector bracket** (Fig. 1) and the other end in the hole in the **rack connector bracket** (Fig. 2 and as in Fig. 3). The oven rack may need to be adjusted in or out in the rack position to match the length of the connector arm.
5. While holding the connector arm in place, twist the connector arm so the ends of the connector arm point **upwards** (See Figs. 4 & 5). The connector arm should now be locked into position.
6. Repeat steps 4 and 5 for the other connector arm.
7. Once both connector arms are properly in place, be sure to test the oven rack operation by gently closing the oven door. The oven rack should move in and out of the oven freely when the door is opened or closed.

CAUTION

Never pick up hot oven rack parts. Make sure the oven and oven racks are **COMPLETELY** cool and safe to touch before attempting to assemble or disassemble the Effortless™ Oven Rack.

IMPORTANT

Remove ALL oven racks and accessories before starting a self-clean cycle. If the oven racks are left in the oven during self-clean, the glide ability of the Effortless™ Oven Rack system will be damaged and will cause oven racks to lose their shiny finish. Remove **ALL** oven racks and clean according to instructions provided in the Care & Cleaning section of this manual.

IMPORTANT

- **Only the Effortless™ Oven Rack system should be used in oven rack position 2.** Placing ANY other rack in oven rack position 2 **will prevent the oven door from fully closing** and **may damage** the oven door, oven cavity or the door connector brackets.
- If the rack system is not assembled with the connector arms the Effortless™ Oven rack may be used in oven rack positions 2 thru 6. Do not attempt to use the Effortless™ Oven rack in rack position 1.

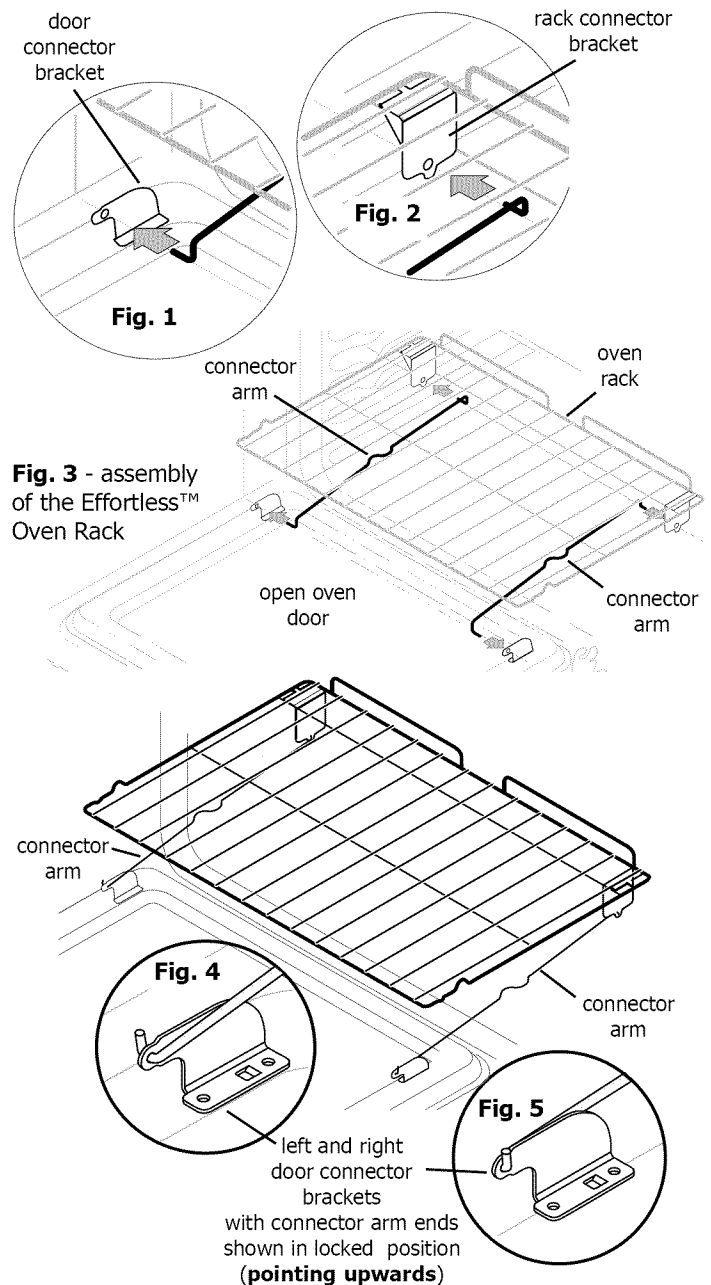


Fig. 6 - Effortless™ Oven Rack after assembly

BEFORE SETTING SURFACE CONTROLS

Cookware material types

The most popular materials available are:

Aluminum - Excellent heat conductor. Some types of food will cause it to darken (Anodized aluminum cookware resists staining & pitting).

Copper - Excellent heat conductor but discolors easily.

Stainless - Slow heat conductor with uneven cooking results. Is durable, easy to clean and resists staining.

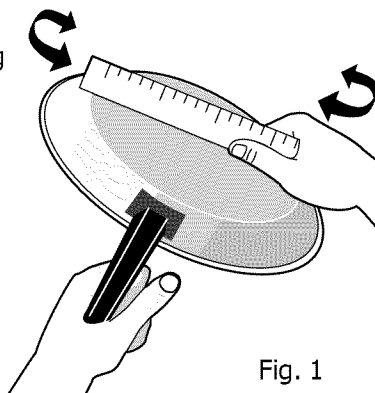
Cast Iron - A slow heat conductor however will retain heat very well. Cooks evenly once cooking temperature is reached.

Porcelain-enamel on metal - Heating characteristics will vary depending on base material.

Glass - Slow heat conductor.

Use quality cookware in good condition

For the best possible cooking results when using the cooktop, always use quality cookware in good condition. Pans should have flat bottoms that sit level on the burner grate. Before using cookware, check for flatness by rotating a ruler across the bottom of the cookware (Fig. 1).



Set proper burner flame size

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. Adjust or clean burner if flame is yellow-orange.

For most cooking; start on the highest setting and then turn to a lower setting to complete the process. Use the recommendations below as a guide for determining proper flame size for various types of cooking (Fig. 2)

For deep fat frying; use a thermometer and adjust the surface 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 or cook properly.

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 for medium-weight metal or aluminum pans with lids. Settings may vary when using other types of pans.

Fig. 2

⚠ CAUTION

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

➡ IMPORTANT

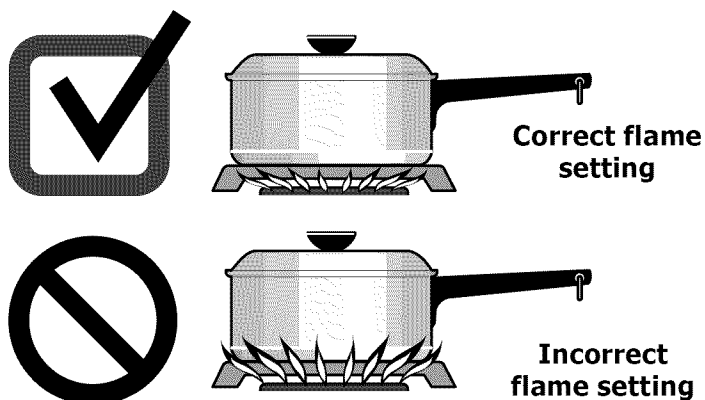
Do not place aluminum foil, or ANY material that can melt on the range cooktop. If these items melt they may damage the cooktop.

ℹ NOTE

The size and type of utensil used, the amount and type of food being cooked will influence the settings needed to obtain the best cooking results.

⚠ CAUTION

Never extend the flame beyond the outer edge of the cooking utensil. A higher flame wastes energy, and increases your risk of being burned by the flame.



BEFORE SETTING SURFACE CONTROLS

Check for proper burner cap placement

Visually check for proper burner cap placement **before operating** any of the surface burners (See Fig.1).

WARNING

To prevent flare-ups and avoid creation of harmful by-products, **do not** use the cooktop without all burner caps properly installed to insure proper ignition and gas flame size.

CAUTION

To avoid possible burns **DO NOT** touch burner caps or surface burner grates after using any of the surface burners. The surface burner grates, caps, and areas around them **may still be very hot**. Provide sufficient time for these areas and the parts to completely cool before handling.

If any of the surface burner caps appears to be resting unevenly, not centered or appears unlevel on the burner head (Fig. 2), be sure to correct the burner cap position on the burner head **before** starting the surface burner.

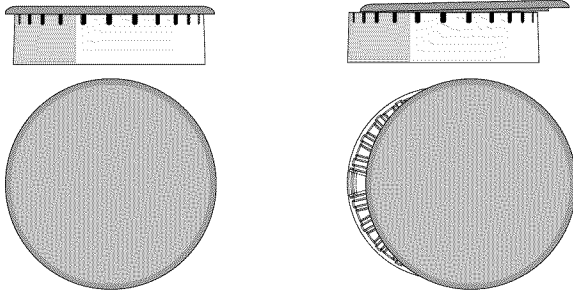


Fig. 1 - correct burner cap placement Fig. 2 - incorrect burner cap placement

Be sure to review the **Care & Cleaning** section for complete detailed information about cleaning the burner caps and proper burner cap placement.

Using the griddle (for models equipped with a griddle only)

Before first use:

- Wash griddle in hot soapy water.
- Rinse and dry completely.

Using the griddle:

Remove the center burner grate (some models) and carefully replace with the griddle.

For best results, preheat the griddle for 5 minutes on **medium** or a **medium low** setting. Slow preheating provides more even heat distribution during the cooking process. **Do not** preheat the griddle on Hi setting. Preheating using a Hi burner setting may warp the griddle and prevent even heat distribution.

After each use:

- To prevent possible rusting, store in a dry place and keep uncovered.
- After each use, clean with a stiff brush and hot water only, then rinse.
- Dry immediately.
- **Do not clean griddle in the dishwasher.**

SETTING SURFACE CONTROLS

Setting surface controls

The ability to heat food quicker and in larger volumes increases as the burner size increases. Your gas appliance may be equipped with many different sized surface burners.

It is important to select cookware that is suitable for the amount and type of food being prepared. Select a burner and flame size appropriate for the cookware size.

The standard size burner or burners may be used for most surface cooking needs. Use the smaller **simmer** burner (some models) when simmering delicate sauces, etc.

The larger **quick boil** (some models) burner or burners are best when used to bring large quantities of liquid to temperature or when heating larger quantities of food.

Setting a surface burner:

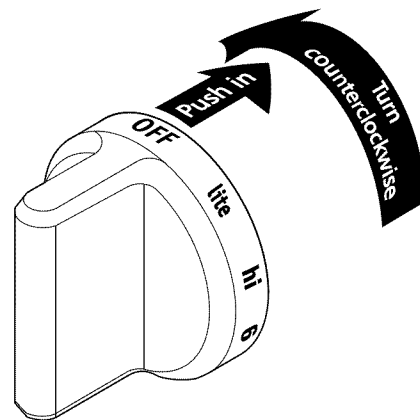
1. Place cooking utensil on center of surface burner grate. Be sure the cooking utensil rests stable on the burner grate.
2. Push the desired surface control knob in and turn **counterclockwise** out of the OFF position (Fig. 1).
3. Release the surface control knob and rotate to the **lite** position. Visually check that the burner has a steady gas flame.
4. Once the surface burner has a flame, push the surface control knob in and turn **counterclockwise** to the desired flame size setting. Use the knob markings and adjust the flame as needed.

CAUTION

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

IMPORTANT

- **DO NOT** cook with a surface control knob left in the **lite** position. The electronic ignitor will continue to spark. Turn control knob out of **lite** position and adjust the flame size.
- **Do not place aluminum foil, or ANY material that can melt on the range cooktop.** If items melt they may permanently damage the appearance of the cooktop.



OFF lite hi 6 5 4 3 2 lo

Fig. 1

NOTES

- When setting a surface control knob to the **lite** position, all the electronic surface ignitors will spark at the same time. However, only the surface burner you are setting will ignite.
- In the event of an electrical power outage, the surface burners may 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**. Once the burner ignites, push in and turn knob out of **lite** then to the desired flame setting. Use caution when lighting surface burners manually.

Home Canning

Be sure to read and observe all the following points when home canning with your appliance. Check with the USDA (United States Department of Agriculture) website and be sure to read all the information they have available as well as follow their recommendations for canning procedures.

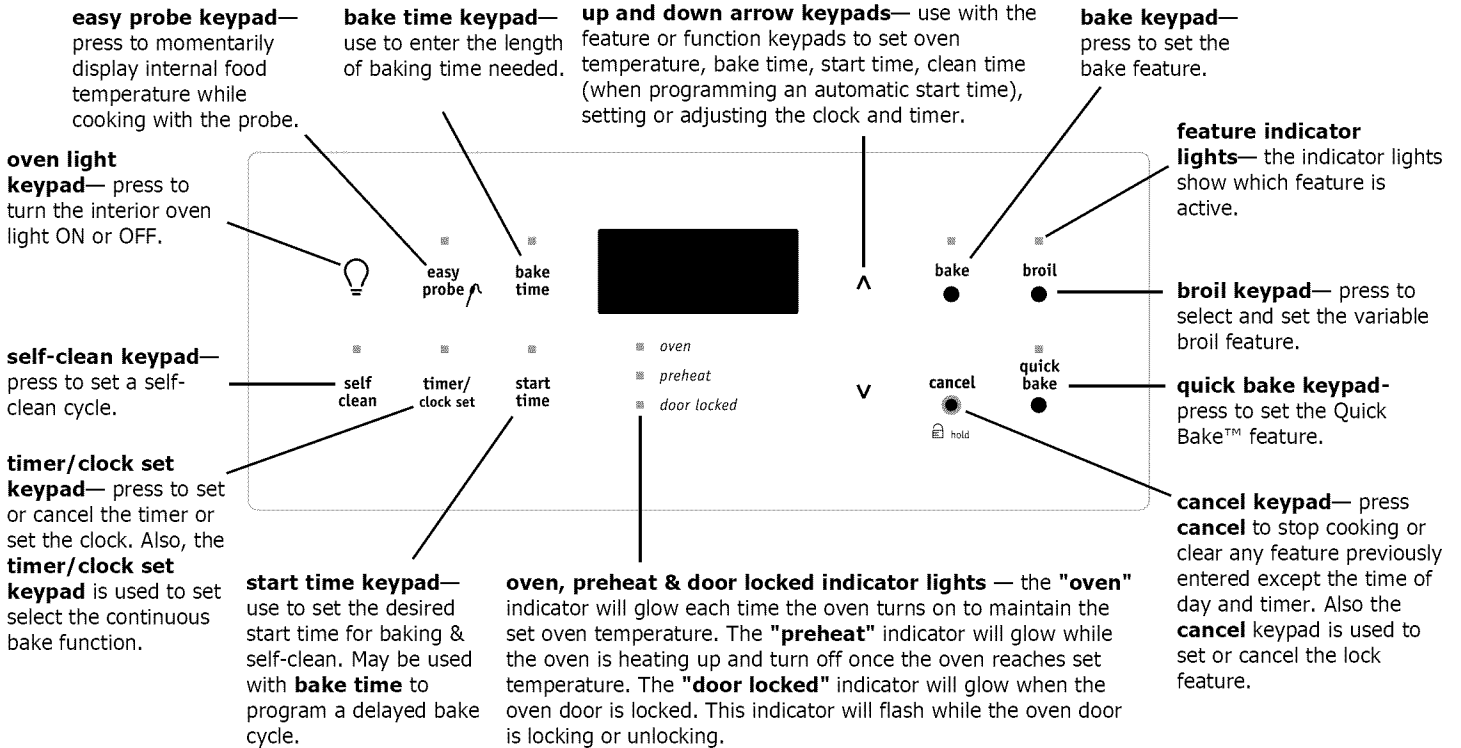
- Use only quality flat bottom canners when home canning. Use a straight-edge to check canner bottom.
- Start with hot tap water to bring water to boil more quickly.
- Use the highest heat setting when first bringing the water to a boil. Once boiling is achieved, reduce heat to lowest possible setting to maintain that boil.
- When using two canners at the same time, stagger the canners on the burners. This will allow for better air flow to the burners. Do not block air to the burners.
- **NEVER** place or straddle a cooking utensil over two different surface cooking areas at the same time. This may cause uneven heating results.

OVEN CONTROL FUNCTIONS

READ THE INSTRUCTIONS CAREFULLY BEFORE USING THE OVEN.

For satisfactory use of your oven, become familiar with the various keypad functions as described below.

Oven control keypads (for models with probe feature only)



SETTING OVEN CONTROLS

Setting the clock

When the appliance is first powered up or when the power supply to the appliance has been interrupted and restored, the display will **flash** the time of day. Be sure to set the clock with the correct time of day before using the oven.

To set the clock when the display is flashing:

1. Press **timer/clock set** **once**. "CLO" will appear in the display.
2. Within 5 seconds, adjust the time by pressing the **▲** or **▼** and release the keypad when the correct time displays. The new setting will accept in 5 seconds.

To adjust the clock when the display is not flashing:

1. Press **timer/clock set** keypad **twice** (do not hold keypad down). "CLO" will appear in the display.
2. Within 5 seconds, adjust the time by pressing the **▲** or **▼** and release the keypad when the correct time displays. Any adjustments made will accept in 5

NOTE

The clock cannot be set or adjusted when the oven is active including self-clean.

Changing between continuous bake setting or 12-Hour Energy Saving feature

The oven control has a built-in 12-Hour Energy Saving feature that will shut off the oven if the control is left on for more than 11 hours and 59 minutes. The oven may be programmed to override this feature for continuous baking.

Changing to continuous bake setting:

1. Press and hold **timer/clock set** keypad for 5 seconds until a tone sounds. " — — hr" will appear in display for continuous cooking. The current time of day will return to the display.
2. To cancel the continuous bake setting, press and hold **timer/clock set** keypad for 5 seconds until a tone sounds. "12hr" will appear in display indicating that the control has returned to the 12-Hour Energy Saving feature.

NOTE

Changing between continuous bake or 12-Hour Energy savings mode does not change how the cooktop operates.

Changing temperature display mode (°F or °C)

The oven control is factory preset to display the oven temperature with Fahrenheit (°F) values. The control may be changed to display either Fahrenheit or Celsius temperatures.

To change the temperature to display Celsius (°C) or Fahrenheit (°F):

1. Press **broil** keypad. "— —" appears in the display.
2. Press and hold the **▲** keypad until "HI" appears in the display.
3. Press and hold **broil** keypad until °F or °C appears in the display.
4. Press the **▲** or **▼** keypad to change °F to °C or °C to °F.
5. Press any keypad to return to normal operating mode.

NOTE

The temperature display mode cannot be changed when the oven or self-clean is active.

Setting for audible or silent keypad operation

Normally a beep will sound each time a keypad is pressed. If desired, the oven control may be set for silent keypad operation.

To set for silent operation:

Press and hold the **start time** keypad until the control beeps once (about 7 seconds). This will block the controls from sounding when a keypad is pressed in the future.

To set for audible operation:

Press and hold the **start time** keypad until the control beeps once (about 7 seconds).

NOTE

When the control is set for silent keypad operation the **timer, preheat** and any **end** of cycle or any **error** tone alerts will remain audible.

SETTING OVEN CONTROLS

Setting lock feature

The oven control may be set to lock the oven door and most oven control keypad operations.

To set the lock feature:



Press and hold the **cancel** keypad for 3 seconds. "Loc" will appear in display, the "door locked" indicator light will flash and the motor driven door lock will begin to lock the oven door. **Allow about 15 seconds** for the oven door to fully lock. Once the oven door is locked, the current time of day will appear in the display.

To cancel the lock feature:

Press and hold the **cancel** keypad for 3 seconds. The control will unlock the oven door and resume normal keypad operation.

NOTES

- To avoid possible damage to the oven door latch mechanism, do not attempt to force open or close the oven door whenever the "door locked" indicator light is flashing.
- If a control keypad is pressed when the lock feature is active, "Loc" will appear in the display as a reminder that the keypad action requested is not available when the lock feature is active.

Setting the timer

The built-in minute timer may be used as an extra reminder in the kitchen that will beep when the set time has run out.

To set the timer:

1. Press **timer/clock set** keypad **once** (do not hold keypad down).
2. Press the **▲** keypad to increase the time in one minute increments. Press and hold the **▲** keypad to increase the time in 10 minute increments. The timer may be set for any amount of time from 1 minute to 11 hours and 59 minutes.
Note: If the **▼** keypad is pressed first, the timer will initially advance to 11 hours and 59 minutes.
3. When the set time has run out, the timer will beep 3 times and will continue to beep 3 times every 60 seconds until **timer/clock set** is pressed.

To change the amount of time remaining:

When the timer is active and appears in the display, press the **▲** or **▼** keypad to increase or decrease the time remaining.

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

Press **timer/clock set** keypad once.

NOTES

- The timer does not start or stop the cooking process. The timer may be used alone or when any other oven function is active.
- The indicator light located above the **timer/clock set** keypad will remain on whenever the timer is active.
- The timer will display hours and minutes until 1 hour remains. When less than 1 hour remains, the display will count down in minutes and seconds. Once the timer has less than 1 minute remaining only seconds will display.
- When cooking with an active timer, the timer will show in the display by default. To view information of any other active oven function, press the keypad once for the active function to view status.

SETTING OVEN CONTROLS

Setting bake

The oven may be set to bake at any temperature from 170°F to 550°F (77°C to 287°C). The factory preset automatic bake temperature is 350°F (177°C).

To set bake:

1. Press **bake** keypad. "— — —" appears in the display.
2. Within 5 seconds, press the **▲** or **▼** keypad. The display will show 350°F (177°C). By pressing or holding down the **▲** or **▼** keypad, the temperature may be adjusted in 5°F increments (1°C if the control is set to display Celsius). Release the keypad when the desired temperature appears in the display.
3. As soon as the **▲** or **▼** keypad is released, the oven will begin heating to the selected temperature. When the oven temperature reaches the set baking temperature, the preheat indicator light will turn OFF. The control will beep 3 times as a reminder.

To stop bake at any time, press **cancel**.

To change the oven temperature after bake has started:

1. Press **bake** keypad. Visually check the bake temperature at this time.
2. Press the **▲** or **▼** keypad to increase or decrease the set temperature to the desired new oven temperature.

IMPORTANT

Dark or dull pans absorb more heat than shiny bakeware resulting in dark or overbrowning of foods. It may be necessary to reduce the oven temperature or cook time to prevent overbrowning of some foods. Dark pans are recommended for pies. Shiny pans are recommended for cakes, cookies and muffins.

NOTES

- A short time after starting bake the "preheat" indicator light will turn OFF, indicating your oven has reached the set baking temperature. The control will sound 3 beeps as a reminder the oven is ready.
- The "oven" indicator light on the oven control display will turn ON and OFF when the oven is heating. This is normal and indicates that the oven elements are cycling to maintain the selected baking temperature.

Bake time

A bake time setting may be added to most oven baking features. Use the bake time setting to start the oven immediately and to turn off automatically after the set bake time runs out.

CAUTION

Use caution with the bake time and start time features. 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 finished cooking.

To set the oven to start and automatically turn off once the bake time runs out:

1. Press **bake** keypad. " — — — ° " appears in display.
2. Press the **▲** or **▼** keypad. The display will show 350°F (177°C). By pressing or holding down the **▲** or **▼** keypad, the temperature may be adjusted in 5°F increments (1°C if the control is set to display Celsius). Release the keypad when the desired temperature appears in the display.
3. Press **bake time** keypad. ":00" will appear in the display.
4. Press the **▲** or **▼** keypad until the desired bake time displays.
5. The oven will turn on, begin to heat and will cook for the amount of bake time entered before automatically turning off.

To stop at any time, press **cancel**.

NOTES

- A **bake time** or **start time** instruction cannot be set when broiling.
- The bake time feature may be added when using **quick bake** (some models).
- The maximum **bake time** setting is 11 hours & 59 minutes.
- While baking with a bake time setting, press the bake time keypad to display any bake time remaining.

SETTING OVEN CONTROLS

Start time

Use this keypad to add start time instructions to the bake time setting or with the self-clean feature.



WARNING

FOOD POISONING HAZARD. Do not let food sit for more than one hour before or after cooking. Doing so can result in food poisoning or sickness.



CAUTION

Use caution with the bake time and start time features. 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 finished cooking.

To set bake with a delayed start time and to automatically turn off once the bake time runs out:

1. Be sure the clock displays the correct time of day before proceeding. Adjust if needed.
2. Press **bake** keypad. " — — ° " appears in display.
3. Press the **▲** or **▼** keypad. The display will show 350°F (177°C). By pressing or holding down the **▲** or **▼** keypad, the temperature may be adjusted in 5°F increments (1°C if the control is set to display Celsius). Release the keypad when the desired temperature appears in the display.
4. Press **bake time** keypad. ":00" will appear in the display.
5. Press the **▲** or **▼** keypad until the desired bake time displays.
6. Press **start time** keypad. The time of day will appear in the display.
7. Press the **▲** or **▼** keypad until the desired start time displays.
8. The oven will turn ON at the specified start time, begin to heat and will cook for the amount of bake time entered before automatically turning off.

To stop at any time, press **cancel** .

When the set bake time runs out:

1. "End" will appear in the display window and the oven will shut-off automatically.
2. The control will beep 3 times every 60 seconds as a reminder until **cancel** is pressed.

To change the oven temperature or bake time after baking has started:

1. Press the function keypad you want to change.
2. Press the **▲** or **▼** keypad to adjust the setting.



NOTES

- The maximum bake time or start time setting is 11 hours & 59 minutes.
- **A bake time or start time** instruction cannot be set when broiling.
- When setting a cooking feature with a start time instruction the oven preheat will be delayed until the set start time is reached.

SETTING OVEN CONTROLS

Quick bake (some models)

Benefits of the quick bake feature

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

How quick bake works

Quick bake uses a fan to circulate the oven's heat uniformly and continuously around the oven. This improved heat distribution allows for fast, even cooking and browning results. It also gives better baking results when using two racks at the same time.

Heated air flows around the food from all sides, sealing in juices and flavors. Meats cooked with **quick bake** are juicier. Poultry is crisp on the outside while staying tender and moist on the inside. Breads and pastry brown more evenly. Most foods baked in a standard oven can be cooked faster and more evenly with **quick bake**.

Suggestions for quick bake

When baking

- For optimum cooking results it is recommended to preheat the oven when baking foods such as cookies, biscuits and breads.
- Reduce oven temperature 25°F from recipe's recommended oven temperature. Follow the remainder of the recipe's instructions using the minimum recommended cook time.
- When using 2 oven racks at the same time, place in positions 2 & 5 for best results (See Fig. 1).

When roasting

- Preheating is not necessary when roasting foods using **quick bake**.
- Since **quick bake** cooks food faster, reduce the cook time by 25% from the recommended cook time of your recipe. Check the food at this time. If necessary, increase cook time until the desired doneness is obtained.
- Do not cover foods when dry roasting - this will prevent the air from circulating around the food.

NOTES

- Layer cakes will have better results using the **bake** feature.
- When using **quick bake** (some models) cook time reductions may vary depending on the amount and type of food being cooked.

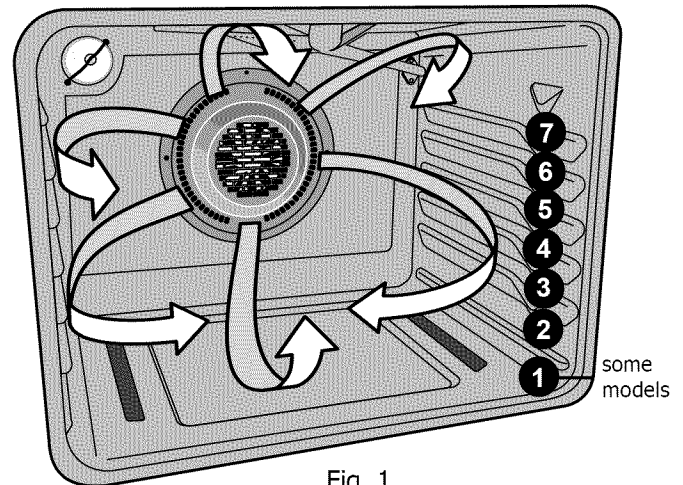


Fig. 1

Setting quick bake

The oven may be programmed to **quick bake** at any temperature from 170°F to 550°F (77°C to 287°C). The factory preset automatic bake temperature is 350°F (177°C).

To set quick bake:

1. Press **quick bake**. "— — —" appears in the display.
2. Press the **▲** or **▼** keypad. The display will show 350°F (177°C). By pressing or holding down the **▲** or **▼** keypad, the temperature may be adjusted in 5°F increments (1°C if the control is set to display Celsius). Release the keypad when the desired temperature appears in the display.
3. As soon as the **▲** or **▼** keypad is released, the oven will begin heating to the selected temperature. When the displayed temperature reaches the desired baking temperature, the preheat indicator light will turn OFF and the control will beep 3 times.

To stop quick bake at any time, press **cancel**.

To change the oven temperature after quick bake has started:

1. Press **quick bake** keypad.
2. If necessary, press the **▲** or **▼** keypad to increase or decrease the oven set temperature.

Easy probe

For the best results when cooking many foods such as roasts, hams or poultry, use the **easy probe** feature. This feature also works well with foods such as meat loaf and casseroles.

The **easy probe** will provide you with the internal temperature of the food during cooking and eliminates any need for guesswork.

For some foods, especially poultry or roasts, checking the internal temperature is the best way to insure properly cooked food.

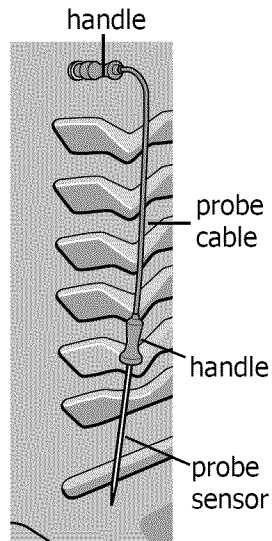


Fig. 1



CAUTION

To avoid the possibility of burns after cooking, always use caution when disconnecting the probe from the receptacle or food. **The probe may be hot.** Be sure to use a pot holder to protect hands.



IMPORTANT

- **Use only the probe originally provided with this appliance.** Connecting any other probe or device to the probe receptacle could result in damage to the oven control, electronics and the probe receptacle.
- To avoid damaging the probe, handle the probe carefully when inserting and removing from food or the probe receptacle. **Do not** use tongs to pull on the probe or probe cable. Always defrost frozen foods completely before inserting the probe into food.
- When removing the probe from the receptacle or food, always remove using the probe handles (Fig. 1).
- Remove the probe from the oven when finished. To avoid damaging the probe **do not** store the probe inside the oven.
- Always double check that the probe is removed from the oven interior before starting **self-clean**. The probe is not designed to withstand the high temperatures produced during a self-clean cycle.
- **Do not** use the probe without the probe properly inserted into the probe receptacle and the food. To protect the probe when inserted in the receptacle, the oven will automatically turn OFF if the probe temperature sensor reaches 300°F (149°C) or more.



NOTES

- Do not remove the probe from receptacle or food until the desired internal temperature is reached. If the probe is removed from the receptacle the probe feature will automatically cancel but the oven will remain ON. If the probe is removed from the food only, the internal food temperature reading will no longer be accurate.
- The easy probe feature cannot be set when **broil** or **self-clean** is active. If the probe is inserted into the receptacle and the broil or self-clean keypad is pressed, the oven control will sound a triple beep error message and the oven will not activate.
- If the probe is disconnected from the receptacle and the **easy probe** keypad is pressed, the display will show "- - -" (about 3 seconds), indicating the probe is not active.

Provided below are the minimum **internal** temperatures that foods must reach to be considered safe to eat, no matter how you prepare them.

Minimum internal cooking temperatures:

Food type	Internal Temp.
Beef, veal, lamb-roasts, steak & chops	
Medium	160°F (71°C)
Well done	170°F (77°C)
Fresh pork-roasts, steaks & chops	
Medium	160°F (71°C)
Well done	170°F (77°C)
Ham-Cook before eating	
	160°F (71°C)
Poultry	
Whole chicken, turkey	165°F (74°C)
Breasts, roasts	165°F (74°C)
Stuffing (cooked alone or in bird)	165°F (74°C)
Leftovers	165°F (74°C)

Information courtesy the U.S. Department of Agriculture Food Safety and Inspection Service.

† The U.S. Department of Agriculture states, "Rare fresh beef is popular, but you should know that cooking it to only 140°F/60°C means some food poisoning organisms may survive." (Source: Safe Food Book, Your Kitchen Guide, USDA Rev. June 1985.) The lowest temperature recommended by the USDA is 145°F/63°C for medium rare fresh beef.

SETTING OVEN CONTROLS

Easy probe (cont'd)

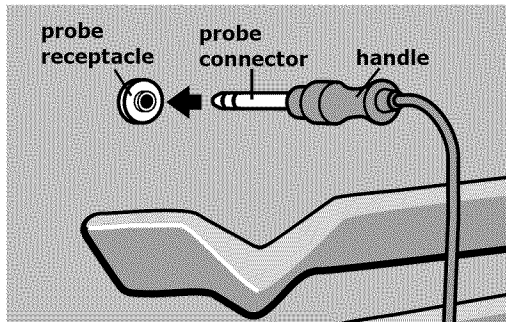


Fig. 1

Proper probe placement in food:

- Always insert the probe so that the probe tip rests in the center of the thickest part of meat or food. For best results, do not allow probe temperature sensor tip to contact any bone, fat, gristle or the cookware.
- For bone-in ham or lamb, insert the probe into the center of lowest large muscle or joint. For dishes such as meat loaf or casseroles, insert the probe into center of food. (See Fig. 2).
- When cooking fish, insert meat probe just above the gill.
- For whole poultry or turkey, insert the probe temperature sensor into the thickest part of inner thigh, below the leg (See Fig. 3).

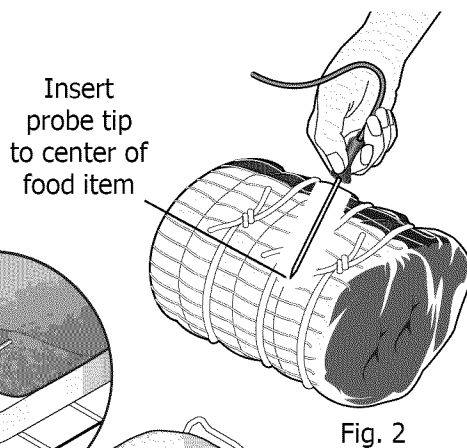


Fig. 2

To set easy probe:

1. Prepare food and properly insert the probe sensor into the middle portion of the food (See Figs. 2 & 3). The probe should be inserted into the food before starting the cooking process and while the oven is still cool.
2. Place the prepared food on desired oven rack position and slide rack completely inside the oven.
3. Insert the probe connector **completely** into the probe receptacle (Fig. 1) located at the upper left front side of the oven interior.
4. In a few seconds a tone will sound and the indicator light located above the easy probe keypad will turn ON indicating that the probe is functioning correctly.
5. Close the oven door. Set the oven for **bake** or **quick bake** and if needed, adjust to the desired baking temperature.
6. To display the internal food temperature press **easy probe** keypad at any time while cooking. The food internal temperature will appear for about 3 seconds and the display will revert back to the set oven temperature. From time to time during the cooking process, press the **easy probe** keypad to check on the internal food temperature, especially as the temperature approaches the desired target.
7. When the desired internal food temperature is reached, press **cancel** to stop bake or quick bake.
8. Open oven door and using a pot holder **carefully** unplug the probe from the probe receptacle. The range interior, probe, cookware and food may be very hot.
9. Remove food from oven and carefully remove the probe sensor from the food.

Probe error message:

Should the oven control display the error message "PErr", it may be that the probe connector is not fully inserted into the probe receptacle (see Fig. 1) or that the probe has overheated. When this message displays, the control will not allow any oven feature to activate until corrected.

Remove the probe from the receptacle, then reconnect probe into the receptacle (check that it is **fully inserted** into the receptacle). Be sure the probe sensor is covered by food and not exposed to avoid overheating.

If the probe is properly connected into the receptacle and properly positioned into the food but the error message remains displayed, the probe might be defective and need replaced. If so, remove the probe from the oven and call your authorized service agent for assistance. You may continue to use the oven without the probe feature.

Fig. 3

SETTING OVEN CONTROLS

Broil

Use the broil feature to cook meats that require direct exposure to radiant heat for optimum browning results. When broiling, always remember to arrange the oven racks while the oven is still cool. Position the rack as suggested in the **broil settings table** (See Figs. 1 & 4).

To set broil:

1. Arrange the oven rack while oven is still cool.
2. Press **broil** keypad. " — — " will appear in display.
3. Press and hold the **▲** or **▼** keypad until the desired broil setting level appears in the display. Press the **▲** keypad for **HI** broil or the **▼** keypad for **LO** broil. Most foods may be broiled at the **HI** broil setting. Select the **LO** broil setting to avoid excess browning or drying of foods that should be cooked to the well-done stage.
4. **For optimum results, preheat oven for 5 minutes before adding food.**
5. Place prepared food directly under upper element.
6. **Leave oven door open** at broil stop position (Fig. 2).
7. Broil food on one side until desired brownness is obtained. Turn food and broil on other side.
To stop broil at anytime press **cancel**.

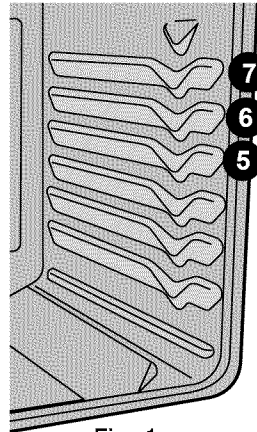


Fig. 1

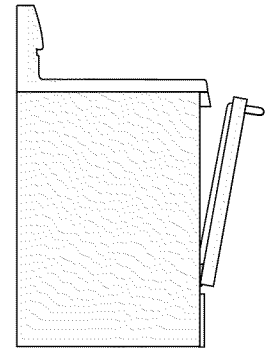


Fig. 2

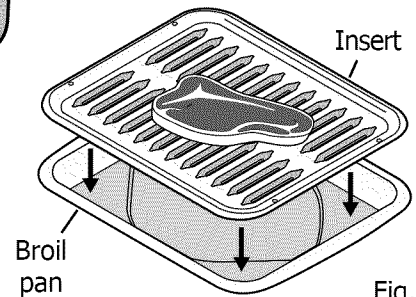


Fig. 3

NOTES

- For better access to food while broiling, use oven mitts and pull the oven rack out to the rack stop position before turning or removing the food.
- **bake time** or **start time** instructions cannot be added to the broil feature.
- The oven control will not provide a preheat indicator or reminder tone when broiling.
- When using a pan made especially for broiling, be sure to use only Electrolux Home Products, Inc. approved broil pan & insert (See Fig. 4).



WARNING

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

Suggested broil settings table (gas oven)

Food	Rack position	Setting	Cook time in minutes		Doneness
			1st side	2nd side	
Steak 1" thick	5th or 6th*	550°F	8	6	Medium
Steak 1" thick	5th or 6th*	550°F	10	8	Medium-well
Steak 1" thick	5th or 6th*	550°F	11	10	Well
Pork chops 3/4" thick	5th	550°F	12	8	Well
Chicken-bone in	4th	450°F	25	15	Well
Chicken-boneless	5th	450°F	10	8	Well
Fish	5th	550°F	- as directed -	-	Well
Shrimp	4th	550°F	- as directed -	-	Well
Hamburger 1" thick	6th*	550°F	12	10	Medium
Hamburger 1" thick	5th	550°F	14	12	Well

*Use the off-set rack if you choose to use oven rack position 7.

Fig. 4

SETTING OVEN CONTROLS

Adjusting the oven temperature

Your appliance has been factory calibrated and tested to ensure accurate baking temperatures. For the first few uses, follow your recipe times and temperature recommendations carefully. If you think the oven is cooking too hot or too cool for your recipe times, you may adjust the control so the oven cooks hotter or cooler than the temperature displayed.

To adjust oven temperature:


1. Press **bake** keypad.
2. Set the temperature to 550°F (287°C) by pressing the **▲** keypad.
3. Within 2 seconds, press and hold **bake** keypad until the 2 digit display appears. Release **bake** keypad. The display now indicates the amount of degrees offset between the original factory temperature setting and the current temperature setting. If the oven control has the original factory calibration, the display will read "0".
4. The temperature may now be adjusted up or down 35°F (19°C), in 5°F increments by pressing and holding the **▲** or **▼** keypad. Adjust until the desired amount of offset appears in the display. When lowering the oven temperature, a minus sign (-) will appear before the number to indicate that the oven will be cooler by the displayed amount of degrees.
5. When you have made the desired adjustment, press **cancel** keypad to accept.

NOTES

- Any oven temperature offset made will not affect the broil or self-cleaning feature temperatures.
- If the oven display has been set to display Celsius, adjustments made will be in 1°C increments with each press of the **▲** or **▼** keypad.
- **Do not use** oven thermometers such as those found in grocery stores to check the temperature settings inside the oven. These oven thermometers may vary as much as 20 to 40 degrees from actual temperatures.

Operating the oven light

The interior oven light will automatically turn ON when the oven door is opened.

Press the  keypad to turn the interior oven light ON and OFF whenever the oven door is closed.

The interior oven light is located at the upper left rear wall of the oven interior and is covered with a glass shield held by a wire holder. The glass shield must be in place whenever the oven is in use.

To replace the oven light, see "Replacing the oven light" in the **Care & Cleaning** section.

Preparing for self-clean

A self-cleaning oven cleans itself using high temperatures that are well above normal cooking temperatures. The self-clean feature, if used properly, will eliminate soils from the oven completely or reduce them to a fine powdered ash. Once the oven has cooled, simply wipe away the ash using a damp cloth.

Your oven provides three self-cleaning duration choices. A 3-hour cleaning time for normal cleaning; a 2-hour clean for lighter soils and a 4-hour option for heavier burnt-on soils (some models).

WARNING

- **Do not touch** the oven during the self-clean cycle.
- Keep children away from oven during self-clean cycle.
- Failure to follow these instructions can result in burns.

CAUTION

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.

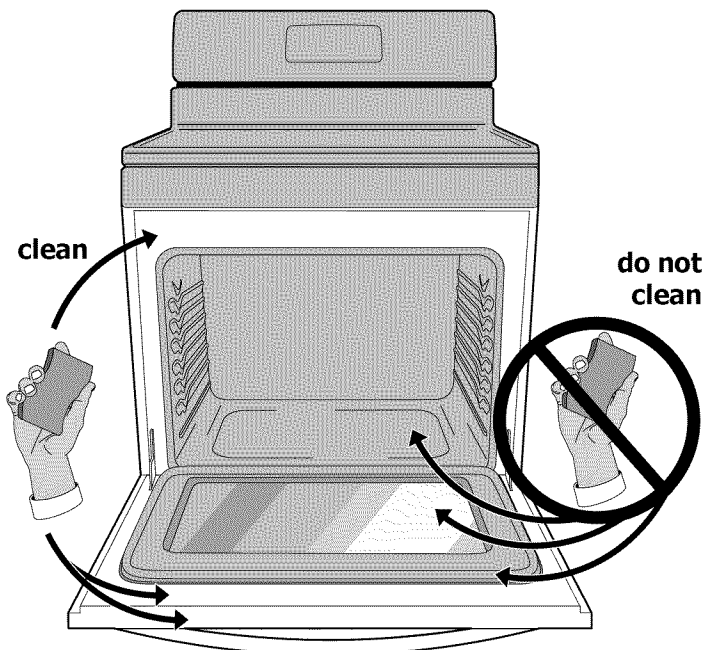


Fig. 1

Read before starting self-clean

IMPORTANT

- Remove **all items** from the oven and cooktop, including **food, cookware, utensils, plastic** and **any aluminum foil** and **temp probe** (if equipped). Aluminum foil will not withstand high temperatures generated during a self-clean cycle.
- Remove **all oven racks** and **any accessories** from the oven to avoid possible heat damage. If the oven racks are not removed they may discolor. The Effortless™ Oven Rack (some models) must be removed before starting self-clean to avoid damaging the glide ability of the rack.
- Be sure the **oven vent area is clear**.
- Remove **all items** from the storage drawer (some models) or warming drawer (some models).
- Be sure the oven light shield is in place. Turn off the oven light.
- **Remove any excessive spillovers.** Spills on the oven bottom should be wiped-up and removed **before starting self-clean**. To clean, use hot, soapy water and a cloth. Large food spillovers can cause heavy smoke or a fire during self-clean.
- Remove any food spills from oven that have a high sugar or acid content (such as milk, tomatoes, sauerkraut, fruit juices or pie filling) before starting a self-clean cycle. If they are not removed they may leave a dull spot even after self-cleaning.
- Clean any soil from the outer oven frame, the door liner outside the oven door gasket and the small area at the front center of the oven bottom. Clean using soap and water before starting self-clean. These areas (See Fig. 1) heat sufficiently to burn soil on.
- **Do not clean the oven door gasket** (See Fig. 1). Do not use any cleaning materials on the oven door gasket. Doing so could cause damage to the 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 commercial oven cleaners or protective coatings of any kind inside oven. Residue from oven cleaners may damage the porcelain during the next self-clean cycle.

SELF-CLEANING

Setting clean

To set self-clean:

1. Remove all items from the oven interior, cooktop, storage (some models) or warmer drawer (some models), all oven racks from the oven and be sure the oven door is completely closed.
2. Press the **self clean** keypad. "---" appears in the display.
3. To start press the **▲** or **▼** keypad once. "3:00" will appear in the display indicating that a 3 hour self-clean time is selected. To change to a shorter 2 hour self-clean time press the **▼** keypad once ("2:00" will appear in the display indicating that a 2 hour self-clean time is selected.)

(some models) To set self-clean using a 4 hour clean time press **▲** once (4:00 appears in display).

To stop self-clean at any time press **cancel** keypad.

IMPORTANT

Once the oven control is set for self-clean, the "door locked" indicator light will flash while the latch is locking the oven door. **DO NOT** attempt to open the oven door while this indicator light is flashing (allow about 15 seconds for the oven door to completely lock). **DO NOT** try to force the oven door open. This may damage the automatic door locking system.

IMPORTANT

Immediately after setting self-clean **the oven door will start to lock**. Check to be sure the oven is completely empty **before** setting self-clean.

If self-clean was set and any items were left inside the oven, you should try to remove them as soon as possible.

Press **cancel** to stop self-clean and wait for the oven door to unlock. Once unlocked, remove any items from the oven, close the oven door and if needed set for self-clean again.

CAUTION

- To avoid possible burns use care when opening the oven door after the clean cycle is finished. **Stand to the side of the oven** when opening the oven door to allow any hot air or steam to escape.
- The oven bake and broil elements may appear to have cooled after they have turned OFF. **The elements may still be hot** and burns may occur if these elements are touched before they have cooled sufficiently.

When the self-clean cycle ends:

- The time of day will appear in the oven display and the "clean" and "door locked" indicator lights will continue to glow.
- Once the oven has cooled down for about 1 hour and the "door locked" light has turned off, the oven door may be opened.
- Wait until the oven is **completely cool**, then wipe away any residue or powdered ash from the oven interior using a clean damp cloth or paper towel.

If it becomes necessary to stop or interrupt a self-clean cycle after it has been activated:

1. Press **cancel** keypad.
2. Once the oven has cooled down (as much as 1 hour) and the "door locked" indicator light has turned off, the oven door may be opened.
3. If the self-clean cycle did not completely finish cleaning the oven, set for another self-clean cycle.

Restarting self-clean after a power failure:

If a self-clean cycle was interrupted by a power failure, your oven may not have thoroughly cleaned. If so, once power is restored, the oven has cooled and the oven door has unlocked, set for another self-clean cycle.

NOTE

Whenever the **self-clean** feature is active you may momentarily display the amount of clean time remaining by pressing the **self-clean** keypad once. You will need to **add about 1 hour to the time** displayed before the oven cools down enough for the oven door to unlock.

Setting self-clean with start time

You may add start time instructions to the self-clean feature, which will automatically start clean at a later time.

IMPORTANT

Immediately after setting clean using start time instructions **the oven door will start to lock**. Check to be sure the oven is completely empty **before** setting clean with start time. Be aware that the clean feature will not start heating the oven for cleaning until the time of day reaches the set starting time.

If clean was set and any items remain inside the oven, you will need to remove them before clean begins the heating portion of the cycle.

Press **cancel** to stop self-clean and wait for the oven door to unlock. Once unlocked, remove any items from the oven, close the oven door and set for self-clean again.

To set self-clean with delay start instructions:

1. Remove all items from the oven interior, cooktop, storage drawer (some models) or warmer drawer (some models), all oven racks from the oven and be sure the oven door is completely closed.
2. Press the **start time** keypad. The ":" in the time of day display will flash.
3. Press and hold the **▲** keypad to scroll to the time to start the self-clean cycle. Release the keypad when the desired start time is displayed.
4. Press the **self clean** keypad. "---" appears in the display.
5. To start press the **▲** or **▼** keypad once. "**3:00**" will appear in the display indicating that a 3 hour self-clean time is set. To change to a shorter 2 hour self-clean time press the **▼** keypad once ("**2:00**" will appear in the display indicating a 2 hour clean time is desired).
6. "**CLn**" will appear in the oven display during the clean cycle and the "**door locked**" indicator light will remain ON until the cleaning cycle is complete or cancelled and the oven temperature has cooled. To stop self-clean at any time press **cancel** keypad.

CAUTION

To avoid possible burns use care when opening the oven door after the self-clean cycle is finished. **Stand to the side of the oven** when opening the oven door to allow any hot air or steam to escape.

When the self-clean cycle ends:

- The time of day will appear in the oven display and the "clean" and "door locked" indicator lights will continue to glow.
- Once the oven has cooled down for about 1 hour and the "door locked" light has turned off, the oven door may be opened.
- Wait until the oven is **completely cool**, then wipe away any residue or powdered ash from the oven interior using a clean damp cloth or paper towel.

NOTES

- The maximum **start time** setting with the self-clean feature is 11 hours & 59 minutes.
- Check to be sure the oven is empty **before** setting a self-clean cycle with a delayed start setting. Immediately after setting self-clean with a **start time** the oven door will lock, however, the self-clean feature will not start heating the oven for cleaning until reaching the delay start time.
- On models equipped with cooktop lockout the cooktop will also lock.

CARE & CLEANING

Cleaning recommendation table

Surface type	Recommendation
<ul style="list-style-type: none">• Control knobs (some models)• Painted body parts• Painted decorative trim• Aluminum, plastic or vinyl trim	For general cleaning, use hot, soapy water and a cloth. For more difficult soils and built-up grease, apply a liquid detergent directly onto the soil. Leave on soil for 30-60 minutes. Rinse with a damp cloth and dry. Do not use abrasive cleaners on any of these materials; they can scratch. To remove control knobs, turn to OFF position; grasp firmly and pull straight off the shaft. To replace knobs after cleaning, line up the flat sides of both knob and shaft; then push knob into place.
<ul style="list-style-type: none">• Control panel• Control key pad membrane• Decorative trim (some models)	Before cleaning the control panel, turn all controls OFF, activate oven lockout (on some models) and if needed remove any knobs from panel. Do not use abrasive cleaners on any of these materials; they can scratch. Clean using hot, soapy water and a dishcloth. Be sure to squeeze excess water from dishcloth before wiping control panel; especially when wiping around the controls area. Excess water in or around the controls may cause damage to the appliance. When rinsing, use clean water and a dishcloth and be sure to squeeze excess water from dishcloth before wiping the control panel.
<ul style="list-style-type: none">• Easy Care™ Stainless Steel (some models)	If your range finish is Easy Care™ Stainless Steel (some models), clean the stainless with warm soapy water using a clean sponge or cloth. Rinse with clean water and dry with a soft clean cloth. DO NOT use ANY store bought cleaners like stainless steel cleaners or any other types of cleaners containing any abrasive, chloride, chlorine or ammonia. It is recommended to use mild dish soap and water or a 50/50 solution of water and vinegar.
<ul style="list-style-type: none">• Porcelain enamel parts• Porcelain enamel broiler pan and broiler pan insert (if equipped)	Gentle scrubbing with a soapy no-scratch cleaning 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, and then scrub with a soap-filled no-scratch cleaning pad. Rinse and wipe dry with a clean cloth. Do not allow food spills with high sugar or acid content (milk, tomatoes, sauerkraut, fruit juices or pie filling) to remain on the surface; they may cause a dull spot even after cleaning.
<ul style="list-style-type: none">• Oven interior	Remove excessive spillovers from oven cavity bottom before starting self-clean . Clean any soils from oven frame and door liner outside the oven door gasket. For very important preparation information be sure to read all the instructions in the self-cleaning section.
<ul style="list-style-type: none">• Oven racks	Oven racks must be removed from oven. Do not clean oven racks in oven during the self-clean cycle. Remove and clean using a mild, abrasive cleaner following manufacturer's instructions. Thoroughly rinse and dry.
<ul style="list-style-type: none">• 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. On self-cleaning models the oven door gasket is made of a woven material which is essential for a good seal. Care should be taken not to rub, damage or remove this gasket.
<ul style="list-style-type: none">• Cooktop surface, contoured well area, burner heads & burner caps	See "Cleaning the cooktop and surface burners" instructions provided in the Care & Cleaning section.

Cleaning the cooktop and surface burners

CAUTION

To avoid possible burns **DO NOT** attempt the cleaning instructions provided below before turning OFF the surface burners and provide sufficient time for the cooktop and all cooktop parts to cool.

To clean recessed and contoured areas of cooktop

Routinely clean the cooktop. Wipe with a clean, damp cloth and wipe dry to avoid scratches. If a spill occurs on or in the recessed or contoured areas, blot up spill with an absorbent cloth. Rinse with a clean, damp cloth and wipe dry.

To clean burner grates

- Clean when the grates are cool.
- Use nonabrasive plastic scrubbing pad and mild abrasive cleanser.
- Food soils containing acids may affect the finish. Clean immediately after the grates are cool.
- Thoroughly dry grates immediately following cleaning.

Checking for proper burner cap placement

WARNING

To prevent flare-ups and avoid creation of harmful by-products, **do not** use the cooktop without all burner caps properly installed to insure proper ignition and gas flame size.

Always check for proper burner cap placement **before operating any surface burner**. Also be sure and check for correct burner cap placement after having removed and replaced the burner caps for cleaning.

To clean burner caps

- Remove caps from burner heads after they have cooled.
- Clean heavy soils with a plastic scrubbing pad and absorbent cloth.
- Thoroughly dry burner caps immediately following cleaning including the bottom and inside of cap.
- Do not use abrasive cleaners. They can scratch porcelain.
- Do not clean burner caps in the dishwasher.

IMPORTANT

When placing burner caps, be sure that all burner caps are **seated firmly** and rest level on top of burner heads.

Checking for proper burner cap placement (cont'd)

On round style burners, the burner cap lip should fit snug into the center of burner head and rest level (Fig. 1).

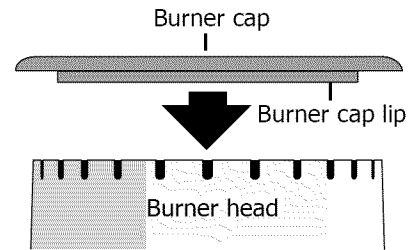


Fig. 1

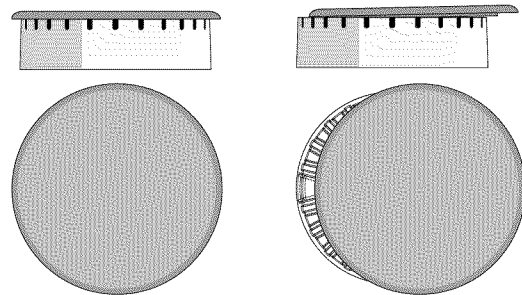
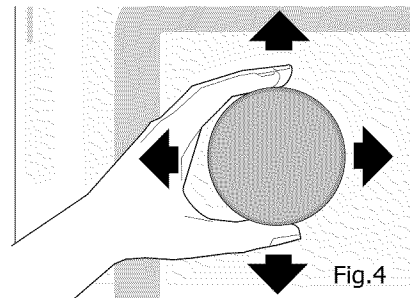


Fig. 2
Correct

Fig. 3
Incorrect



Refer to Figs. 2 & 3 for correct and incorrect burner cap placement. Once in place, you may check the fit by gently sliding the burner cap from side to side (Fig. 4) to be sure it is centered and firmly seated. When the burner cap lip makes contact inside the center of the burner head you will be able to hear the burner cap click. Please note that the burner cap should NOT move off the center of the burner head when sliding from side to side. Check and be sure that all **oval** style (some models) burner caps are correctly in place on oval burner heads.

IMPORTANT

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

CARE & CLEANING

Cleaning the cooktop and surface burners

CAUTION

To avoid possible burns **DO NOT** attempt any of the cleaning instructions provided below before turning OFF all of the surface burners and allow them to cool.

To clean the surface burner heads

For proper gas flow it may be necessary to clean the burner head and slots. To clean, first use a clean DAMP cloth to soak up any spills. Remove any food from between the burner slots using a small nonabrasive brush like a toothbrush and afterwards wipe up using a damp cloth. For stubborn soils, use a small-gauge wire or needle to clean.

IMPORTANT

- The burner heads are secured to the cooktop and must be cleaned in place. DO NOT remove from cooktop.
- For proper flow of gas and ignition of burners **DO NOT allow spills, food, cleaning agents or any other material to enter the gas orifice port opening.**

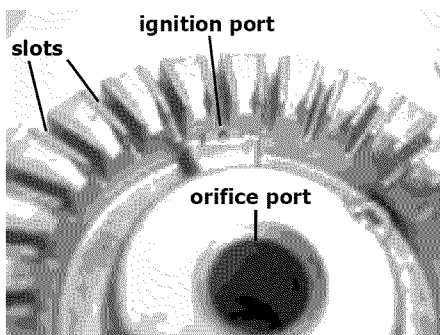


Fig. 1 - Cooktop burner head

To clean the burner head ignition ports

Each burner head has a small ignition port (See Fig. 1). Should you experience ignition problems it may be that this port hole is partially blocked with soil. With the burner head in place, use a small wire gauge needle or the end of a paper clip to clear the ignition port (center burner not shown).

Aluminum foil and oven liners

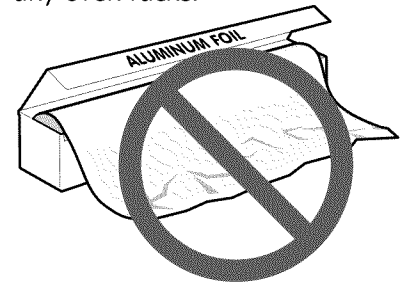
WARNING

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.

Aluminum foil and oven liners (cont'd)

Do not use oven bottom liners or use aluminum foil to cover the oven bottom or any oven racks.

Using a liner in the oven restricts the heat and air flow needed to obtain the best possible cooking results for any oven, including the warmer drawer (on some models).



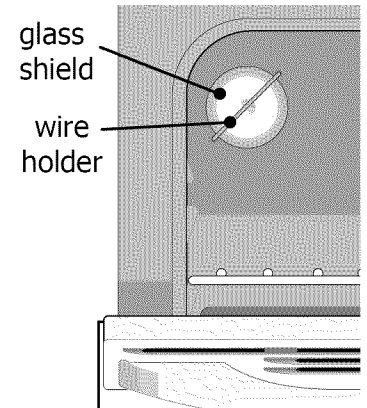
During self-clean the oven temperature can become hot enough to melt aluminum cooking utensils or aluminum foil if left in the oven. This could result in damage to the oven interior porcelain finish.

Replacing interior oven light

CAUTION

Be sure the range is unplugged and all parts are COOL before replacing oven light. Wear a leather-faced glove for protection against possible broken glass.

The interior oven light is located at the rear of the oven interior back wall and is protected with a glass shield held by a wire holder.



The glass shield must always be in place to protect and shield the oven interior light whenever using the oven.

To replace the interior oven light:

1. Turn electrical power off at the main source or unplug the range.
2. While holding the glass shield in place, press wire holder to one side to release the glass shield.
3. Remove glass shield. Replace bulb with a new 40 watt appliance bulb.
4. Replace glass shield over bulb and snap wire holder into place.
5. Turn power back on again at the main source (or plug the range back in).
6. The clock will need to be reset. To reset review "Setting the clock" section in this manual.

Removing and replacing the lift-off oven door

CAUTION

To avoid possible injury when removing or replacing the oven door, follow the instructions below carefully and always handle the oven door with both hands positioned away from the door hinge areas.

IMPORTANT

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

To replace oven door:

1. Firmly grasp both sides of oven door along the door sides (Do not use the oven door handle).
2. Holding the oven door at the same angle as the removal position (See Fig. 3), seat the hook of the hinge arm over the roller pins located on each side of the oven door frame (See Fig. 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 Fig. 1).
4. Push the door hinge locks up towards and into the oven frame for both left and right oven door hinges to the lock position (See Fig. 2).
5. Close the oven door.

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

Read the following recommendations:

- DO NOT close the oven door until all the oven racks are fully positioned inside the oven.
- Do not hit door glass with cookware or other objects.
- Scratching, hitting, jarring or stressing the glass may weaken its structure causing an increased risk of breakage at a later time.

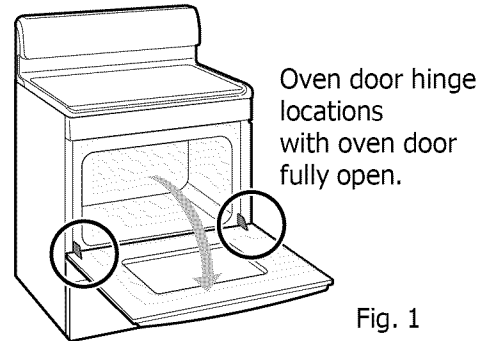


Fig. 1

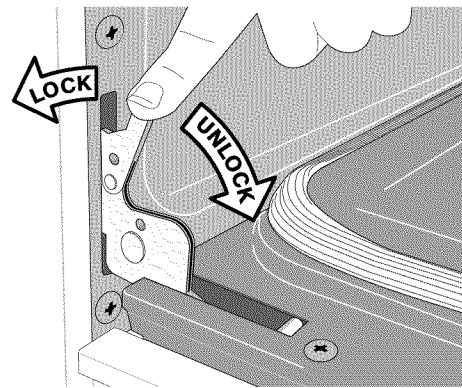


Fig. 2

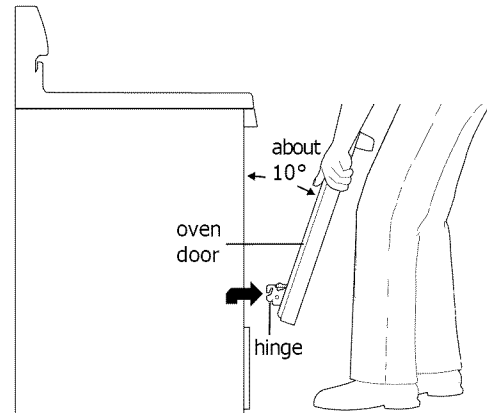


Fig. 3

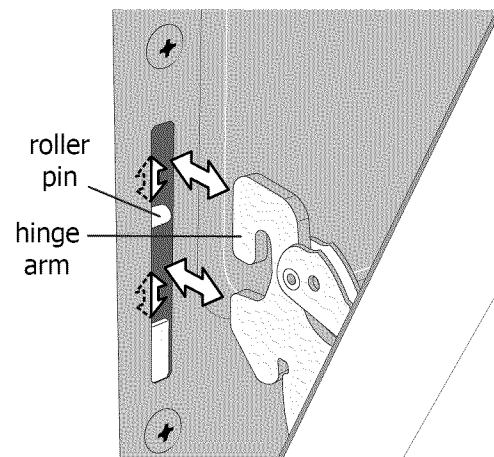


Fig. 4

BEFORE YOU CALL • Solutions to common problems

Problem	Possible Causes	Solutions
Display flashes time.	Power interruption.	Press cancel then set the correct time of day.
Oven control displays F__ (followed with a number) and oven control beeps.	The oven control has detected a fault or error condition.	Press cancel to clear the display & stop beeping. Try bake or broil feature again. If the F code error repeats, remove electric power from appliance, wait 5 minutes and then repower appliance and set clock. Try bake or broil feature again.
	Error condition recurs.	Record fault code and call your authorized service agent.
The oven does not respond or error tone sounds when a keypad is pressed.	Pressed outside keypad area.	Be sure to press center of keypad using flat portion of finger.
	Oven lock may be active.	Cancel the oven lock feature.
	No electric service.	See "Entire appliance does not operate" in this checklist.
New oven cooks hotter or cooler than previous experience.	Difference in oven temperature settings between the old and new range.	For the first few uses, follow your recipe times and temperature recommendation carefully. If you feel the oven is too hot or cool from your previous cooking experience, try offsetting the oven temperature. See "Adjusting the oven temperature" in Setting Oven Controls section.
Odor or some smoking coming from the oven during first few uses.	New appliance.	It is possible to experience some odors and/or a small amount of smoke from a new range. The odor will diminish after first using the oven. Before cooking for the first time, turn the oven ON to 400°F for 30 minutes to one hour. This will allow for an initial burn-in period and help eliminate odors. If necessary, ventilate the kitchen by opening a window.
Appliance makes popping sounds.	Oven expands and contracts while heating and self-clean.	This is normal.
Control panel makes clicking noises.	The oven control is cycling the oven ON and OFF.	This is normal.
Warm air or steam from oven vent area.	Moisture coming from food while cooking in oven.	This is normal. To ensure the best possible results, do not block the oven vent area when cooking.
Poor baking or roasting results.	Incorrect oven control setting.	See Setting Oven Controls section and review instructions for the desired cooking function.
	Oven vent may be blocked.	Clear any cookware or items that is blocking the oven vent area.
	Incorrect cookware type or size.	Dark or dull pans absorb more heat than shiny bakeware resulting in overbrowning of some foods. Try reducing the oven temperature or cook time to prevent overbrowning. Dark pans are recommended for pies; shiny pans for cakes, cookies and muffins.
	Bake started with cold oven.	Let oven preheat before placing food on oven rack.
	Incorrect oven rack position.	Adjust oven rack position upward or downward as needed.
	Inadequate space around food items or air flow is blocked by oven liner or using aluminum foil as a liner.	Try centering food in oven for single items. When cooking multiple food items space cookware to allow air to circulate completely around the food items. Review "Aluminum foil and liners" in the Care & Cleaning section.
	Oven temperature or time settings.	Try adjusting the recipe's recommended temperature or cooking time. If you still feel the oven is too hot or cool, try offsetting the oven temperature. See "Adjusting the oven temperature" in Setting Oven Controls section.

Problem	Possible Causes	Solutions
Oven portion of appliance does not operate. Gas cooktop burners operate.	Gas regulator shut-off valve may have been moved to OFF at installation.	Be sure gas regulator valve is set to the ON position. See installation instructions.
	Incorrect oven control setting.	Be sure the oven control was set correctly for the requested feature. See Setting Oven Controls section and review instructions for the desired cooking function in this manual or see "Entire appliance does not operate" in this checklist.
Entire appliance does not operate.	Power supply to appliance disconnected or electrical power outage.	Be sure appliance power cord is plugged properly to electrical outlet. Check house circuit breaker; reset if needed. If the electric service to the house is out, call your local electric utility for service.
	Service wiring is incomplete.	Contact your dealer, installing agent or authorized service agent for assistance.
Range is not level.	Floor is not level, weak or unstable.	If floor under range is sagging or sloping, contact a carpenter to correct the problem.
	The cooktop or oven racks are not level.	To correct, place oven rack in center of oven. Place a bubble level centered on the oven rack. Adjust by turning leveling legs at bottom of range until the oven rack rests level.
	Cabinet alignment may make range appear not level.	Be sure kitchen cabinets are square & have sufficient room for appliance clearance.
Cannot move appliance easily. Appliance must be accessible for service.	Gas line is hard-plumbed.	Replace gas supply line with a flexible CSA International approved metal appliance connector.
	Carpet interferes with range.	Provide sufficient space so appliance may be lifted over carpet.
	Cabinets are built in too tightly to appliance sides.	Contact builder or installer to make appliance accessible.
Convect fan makes noise (some models).	The convect fan may turn ON or OFF automatically.	This is normal. On some cooking features the convect fan may run until the feature is done or the oven door is opened.
Convect fan does not start immediately or turns ON and OFF while cooking (some models).	The convect fan start time is delayed.	This is normal. The convect fan will take 6 minutes to begin rotating after starting any convect feature.
	Oven door is open.	The convect fan will turn OFF if the oven door is opened while any convect feature is active. Close oven door.
Convect fan turns on with features that should run without a fan (some models).	For some models the convect fan may turn ON while preheating.	This is normal (if equipped).
Oven control displays " Prob ERR ". The probe is not recognized by the oven control.	The probe is not fully inserted into the probe receptacle.	Double check that the temp probe is fully inserted into probe receptacle. Use only the probe originally supplied with range.
	If the error code persists, the probe may be damaged or the probe cable has a short.	Remove the probe from receptacle and oven. The oven may still be used normally without the probe. Call your authorized service agent for a replacement probe.

BEFORE YOU CALL • Solutions to common problems

Problem	Possible Causes	Solutions
bake or self-clean did not start at the time expected.	The time of day is incorrect.	Set clock with correct time of day before adding a delay start setting. See "Setting the clock" in Setting Oven Controls section.
Strong odor from range or smells hot.	Self-clean was started for the first times or from a new range.	It is normal for odors to occur during self-clean, especially during the first self-clean cycle. It is recommend to ventilate the kitchen area. Open any windows and if available turn on an exhaust fan or overhead range hood during the self-clean cycle.
Unable to remove items from oven after starting self-clean.	Oven door locks immediately after setting self-clean.	Press cancel to stop self-clean. Wait for the oven door to unlock. Once unlocked, remove any items left in the oven, close the oven door and set for self-clean again.
Oven door did not unlock after the self-clean cycle.	Oven is too hot.	Allow about 1 hour after the self-clean cycle for the oven to cool enough before the oven door will unlock.
Self-clean feature will not start.	Incorrect control setting.	Carefully follow the preparation and programming instructions under Self-cleaning .
	Oven door open.	The oven door must lock before the self-clean cycle will start. Be sure the oven door is closed before starting self-clean.
Self-clean will not restart after being cancelled.	The control has determined oven is too hot to restart self-clean (some models).	In some cases after cancelling self-clean, you may be required to wait up to 4 hours before the self-clean feature may be used again. Watch display for any messages.
Soil not completely removed after self-cleaning cycle.	Heavy soils. Clean time too short or spillovers were left inside oven.	Set self-clean feature for maximum cleaning time. Remove any excessive spillovers from oven before starting self-clean . Carefully follow preparation instructions under "Self-cleaning".
	Failure to clean 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 are not within the self-cleaning area, but get hot enough to burn on residue. Clean these areas before starting a self-clean cycle. Burned-on residue may be cleaned with a stiff nylon brush and water or a nylon scrubber. Be careful not to damage the oven gasket.
	Interrupted by power outage.	Once power is restored restart self-clean.
Powdered ash inside the oven cavity after self-clean cycle.	This is normal. The temperature of the self-clean feature turned dirt to ash.	Wait for the oven to completely cool. Wipe away any residue or powdered ash from the oven interior using a clean damp cloth or paper towel.
Oven rack finish is dull or discoloring.	Oven racks left inside oven during self-clean.	Remove all oven racks from oven before starting self-clean. Clean after removing from the oven using a mild, abrasive cleaner following manufacturer's instructions. Thoroughly rinse and dry.
Oven rack no longer slides in or out of oven easily.	Oven racks left inside oven during self-clean.	Remove all oven racks from oven before starting self-clean. To ease rack movement, remove from oven and clean if needed. Then apply a small amount of vegetable oil to a paper towel and wipe oil on edges of oven racks. Do not use lubricant spays.

Problem	Possible Causes	Solutions
Oven smokes excessively when broiling.	Oven door was left open.	Be sure oven door is closed when broiling.
	Meat too close to upper burner.	Reposition oven rack lower to provide proper clearance between the food & the upper burner.
	Meat not prepared for broil.	Remove excess fat from meat. Remove fatty edges.
	Insert placed incorrectly on broil pan (some models).	Always place insert on the broil pan with ribs up and slot holes downward. This will allow grease to drip into pan.
	Excessive spillovers or grease built up inside oven.	Regular cleaning is needed when broiling frequently.
Flames inside oven or smoking from oven vent.	Excessive food spillovers in oven.	Wipe up any excessive spillovers before starting the oven. Should an oven fire occur, close the oven door and turn the oven OFF. If the fire continues, use a fire extinguisher. DO NOT put water or flour on the fire! Flour may be explosive.
Surface burners will not ignite.	Surface control knob not set at the lite position.	Push in and turn the surface control knob to the lite position until burner ignites; then turn knob out of the lite position and adjust to desired flame size.
	Burner caps are missing or not seated properly.	Check that all surface burner caps are level and seated correctly on surface burner heads. See "Cleaning the cooktop and surface burners" in the Care & Cleaning section.
	Burner ports are clogged.	With all surface burners turned OFF, use a small-gauge wire or needle to burner head slots and ignition ports. See "Cleaning the cooktop and surface burners" in the Care & Cleaning section for additional cleaning instructions.
	Electric power outage.	If needed, surface burners may be lit manually. See section on Setting Surface Controls .
	Power cord is disconnected.	Plug power cord into the power outlet.
Surface burner flame uneven or only part way around burner cap.	Burner caps are not seated properly.	Check that all surface burner caps are level and seated correctly on surface burner heads. See "Cleaning the cooktop and surface burners" in the Care & Cleaning section.
	Moisture may be present after cleaning.	Lightly fan the flame & allow burner to operate until flame is full. Dry the surface burners thoroughly following the instructions under "Cleaning the cooktop and surface burners" provided in the Care & Cleaning section.
	Burner slots or ports are clogged.	With all surface burners turned OFF, use a small-gauge wire or needle to burner head slots and ignition ports. See "Cleaning the cooktop and surface burners" in the Care & Cleaning section for additional cleaning instructions.
Surface burner flame is too high.	Surface knob is set too high.	Adjust surface control knob to a lower flame setting.
	Burner caps are not seated properly.	Burner caps are not seated properly. Check that all surface burner caps are level and seated correctly on surface burner heads. See "Cleaning the cooktop and surface burners" in the Care & Cleaning section.
Surface burner flame is orange.	Dust particles in gas line.	Allow burner to operate a few minutes until flame turns blue.
	Residence near salt water.	A slightly orange flame may be unavoidable from salt content in air.

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 consumables, 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 A 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 APPLY 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 by 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.

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