

**Use & Care Guide**  
**Guía de uso y cuidada**  
English / Español

Model/Modelos: 790-7403, -7413\*,7404\*

# Kenmore®

# Gas Range

# Estufa de gas

\* = color number, número de color

P/N 807189501 Rev A

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## Kenmore Limited Warranty

When installed, operated and maintained according to all instructions supplied with the product, if this appliance fails due to a defect in material and workmanship within one year from the date of purchase, call 1-800-4-MY-HOME® to arrange for free repair. This warranty applies for only 90 days from the date of purchase if this appliance is ever used for other than private family purposes.

### **This warranty covers only defects in material and workmanship. Sears will NOT pay for:**

1. Cracks in a ceramic glass cooktop that are not a result of thermal shock.
2. Stains and scratches on a ceramic glass cooktop resulting from failure to maintain it properly according to all instructions supplied with the product.
3. Expendable items that can wear out from normal use, including but not limited to filters, belts, light bulbs, and bags.
4. A service technician to instruct the user in correct product installation, operation or maintenance.
5. A service technician to clean or maintain this product.
6. Damage to or failure of this product if it is not installed, operated or maintained according to all instructions supplied with the product.
7. Damage to or failure of this product resulting from accident, abuse, misuse or use for other than its intended purpose.
8. Damage to or failure of this product caused by the use of detergents, cleaners, chemicals or utensils other than those recommended in all instructions supplied with the product.
9. Damage to or failure of parts or systems resulting from unauthorized modifications made to this product.

### **Disclaimer of implied warranties; limitation of remedies**

Customer's sole and exclusive remedy under this limited warranty shall be product repair as provided herein. Implied warranties, including warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law. Sears shall not be liable for incidental or consequential damages. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, or limitation on the duration of implied warranties of merchantability or fitness, so these exclusions or limitations may not apply to you.

This warranty applies only while this appliance is used in the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**Sears Brands Management Corporation, Hoffman Estates, IL 60179 U.S.A. and Canada.**

**Sears Canada Inc., Toronto, Ontario, Canada M5B 2B8**

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

This manual contains important safety symbols and instructions. Pay attention to these symbols and follow all instructions given.

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 hazard 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** - Indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.

**⚠ CAUTION** - Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**Important note:** 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 cause cancer, birth defects, or other reproductive harms, and it requires businesses to warn customers of potential exposures to such substances.

**⚠ WARNING** Never cover any slots, holes, or passages in the oven bottom or cover an entire oven rack with materials, such as aluminum foil. Aluminum foil linings may trap heat, causing a fire hazard.

**⚠ 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** Do Not Leave Children Alone - Children should not be left alone or unattended in the area where appliance is in use. They should never be allowed to sit or stand on any part of the appliance, including the storage drawer, lower broiler drawer, warmer drawer, or lower double oven.

**⚠ WARNING** 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.

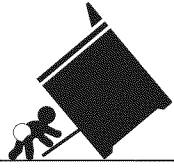
**⚠ WARNING** Storage In or On Appliance— Flammable materials should not be stored in an oven or near surface units. This includes paper, plastic, and cloth items, such as cookbooks, plastic ware, and towels, as well as flammable liquids. Do not store explosives, such as aerosol cans, on or near the oven.

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

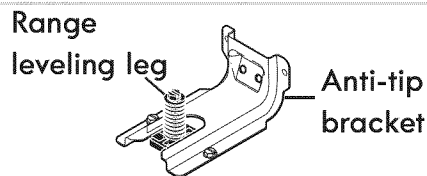
## **⚠ WARNING**

### 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 to floor or wall when the range is moved.
- 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.



To check if the anti-tip bracket is installed properly, use both arms and grasp the rear edge of the 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.

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

**⚠ CAUTION** Wear proper apparel. Loose-fitting or hanging garments should never be worn while using this appliance. Do not let clothing or other flammable materials come into contact with hot surfaces.

**⚠ CAUTION** Do not heat unopened food containers. Build-up of pressure may cause container to burst and result in injury.

**⚠ CAUTION** When heating fat or grease, watch it closely. Grease may catch fire if it becomes too hot.

**⚠ CAUTION** Do not use water or flour on grease fires. Smother fire or flame or use dry chemical or foam-type extinguisher. Cover the fire with a pan lid or use baking soda.

**⚠ CAUTION** Use dry potholders. Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholders touch hot cooking areas. Do not use towels or other bulky cloths.

**⚠ CAUTION** Read and follow the below instructions and precautions for unpacking, installing, and servicing your appliance:

- Remove all tape and packaging before using the oven. Destroy the carton and plastic bags after unpacking the oven. 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 Electrical Code ANSI/NFPA No. 70 latest edition and local electrical code requirements. In Canada, install in accordance with CSA Standard C22.1, Canadian Electrical code, Part 1, and local electrical code requirements. Install only per installation instructions provided in the literature package for this oven.
- 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 reduces the risk of personal injury and damage to the oven.

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

- Ask your dealer to recommend a qualified technician and an authorized repair service. Know how to disconnect the power to the oven at the circuit breaker or fuse box in case of an emergency.
- Never modify or alter the construction of an oven by removing the leveling legs, panels, wire covers, anti-tip brackets/screws, or any other part of the oven.
- Remove the oven door from any unused oven if it is to be stored or discarded.
- Do not attempt to operate the oven during a power failure. If the power fails, always turn off the oven. If the oven is not turned off and the power resumes, the oven will begin to operate again. Once the power resumes, reset the clock and oven function.
- Be sure to have an appropriate foam-type fire extinguisher available, visible, and easily located near the appliance.
- Cold temperatures can damage the electronic control. When using this appliance for the first time, or when the appliance has not been used for an extended period of time, be sure the appliance has been in temperatures above 32°F (0°C) for at least 3 hours before turning on the power to the appliance.

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 INSTRUCTIONS FOR USING YOUR OVEN

- Never use your appliance for warming or heating the room.
- Use care when opening oven door, lower oven door, or warmer drawer (some models). Stand to the side of the oven 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. Touching surfaces in this area when the oven is on may cause severe burns. Do not place plastic or heat-sensitive items on or near the oven vent. These items can 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, do not let potholder contact hot heating element in oven. Use potholders and grasp the rack with both hands to reposition. Remove all bakeware and utensils before moving the rack.
- Do not use a broiler pan without its insert. Broiler pans and inserts allow dripping fat to drain 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 surface unit drip bowls or oven bottoms, except as suggested in the manual. Improper installation of these liners may result in a risk of electric shock, or fire.
- Do not cook food on the oven bottom. Always cook in proper bakeware and always use the oven racks.
- Do not cover the broiler insert with aluminum foil. Exposed fat and grease could ignite.

Save these instructions for future reference.

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

## 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 you are flaming foods under a ventilating hood, turn the fan on.

## IMPORTANT INSTRUCTIONS FOR CLEANING YOUR OVEN

**⚠ CAUTION** Before manually cleaning any part of the oven, be sure all controls are turned off and the oven is cool. Cleaning a hot oven can cause burns.

Clean the oven regularly to keep all parts free of grease that could catch fire. Do not allow grease to accumulate.

Always follow the manufacturer's recommended directions for use of kitchen cleaners and aerosols. 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.

### SELF-CLEANING OVENS

- Clean only the parts listed in this manual. Before using self-clean, remove the broiler pan, any food, utensils, and bakeware from the oven. Remove oven racks unless otherwise instructed.
- 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.
- Some birds are extremely sensitive to the fumes given off during the self-clean cycle of any oven. Move birds to another well-ventilated room.

**⚠ CAUTION** Do not touch heating elements or interior surfaces of oven. Heating elements may be hot even though they are dark in color. Interior surfaces of an oven become hot enough to cause burns.

**⚠ CAUTION** During and after use, do not touch, or let clothing or other flammable materials contact heating elements or interior surfaces of oven until they have sufficient time to cool.

# IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

**⚠ CAUTION** Other surfaces of the appliance may become hot enough to cause burns including oven vent openings and surfaces near these openings, oven doors, and windows of oven doors.

## Grounding Instructions

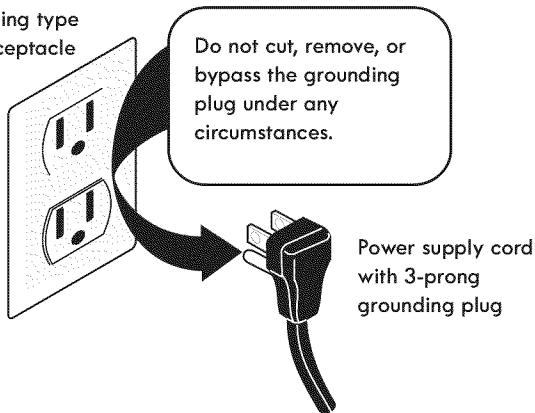
**⚠ WARNING** Avoid fire hazard or electrical shock. Do not use an adapter plug, and extension cord, or remove grounding prong from the power cord. Failure to follow this warning may cause serious injury, fire, or death.

This appliance is equipped with a three-prong grounding plug. For your protection against shock hazard, it should be plugged directly into a properly grounded receptacle. Do not cut or remove the grounding prong from this plug.

For personal safety, this appliance 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 two-prong wall receptacle is the only available outlet, it is the personal responsibility of the consumer to have it replaced with a properly grounded three-prong wall receptacle installed by a qualified electrician.

Grounding type wall receptacle



See the installation instructions packaged with this appliance for complete installation and grounding instructions.

This appliance allows for conversion to Liquefied Petroleum (L.P.) Gas.

## Conversion to L.P. Gas

**⚠ WARNING** Personal injury or death from electrical shock may occur if the conversion to L.P. gas is not made by a qualified installer or electrician.

**⚠ WARNING** 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 L.P. conversion is needed, contact your local L.P. Gas provider for assistance. The L.P. conversion kit is provided with this appliance and is located on the lower REAR (back side) panel of the range. Before installing the kit be sure to read the L.P. Installation Instructions and follow them carefully when making the installation.

**Product Record:** You may find the model and serial number printed on an identification label. The label is located on the lower right of the oven frame. Open the drawer to see the serial label.

## Serial Plate Location

To locate the serial plate open storage drawer (some models) or warmer drawer (some models). The serial plate is attached to the lower right oven frame.

Record the date of purchase, model and serial number of your product in the corresponding space below.

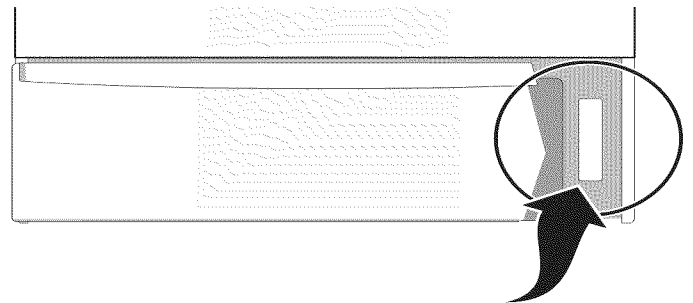
Model

Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Save your sales receipt for future reference.



Save these instructions for future reference.

# Before Setting Surface Controls

## Check burner cap placement before operating the surface burners

**CAUTION** 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.

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

It is very important to be sure that all surface burner caps and burner grates are properly installed and in the correct locations BEFORE operating the cooktop burners.

Remember:

- Always keep surface burner caps in place whenever using a surface burner.
- When placing the burner caps, be sure that all burner caps are seated firmly and rest level on top of burner heads.
- 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.

### Installing burner grates

**CAUTION** Do not use the surface burners without the burner caps and burner grates properly installed. Missing pieces or improper installation may lead to spills, burns, or damage to your range and cookware.

Make sure the burner grates are properly placed on the cooktop before using the surface burners. The grates are designed to rest inside the recess on the cooktop.

To install burner grates, place grates flat-side down and align into the cooktop recess. Grates should rest flush against each other and against the sides of the recess.

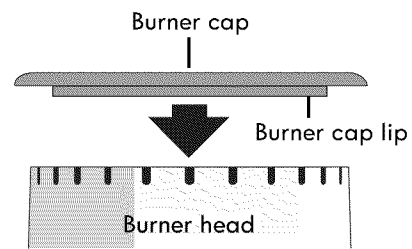


Figure 1: Burner cap on burner head

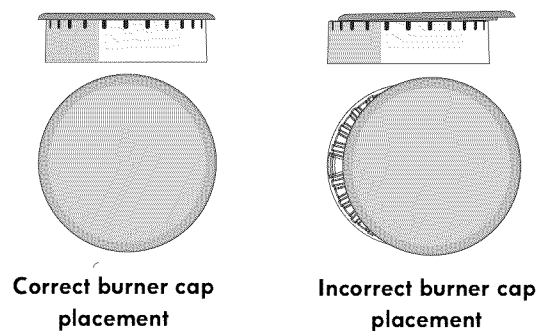


Figure 2: Correct placement (L) Incorrect placement (R)

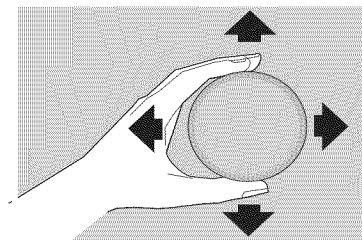


Figure 3: Moving cap gently until seated properly

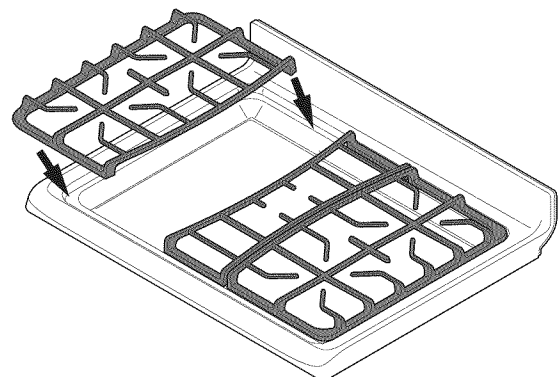


Figure 4: How to place burner grates properly



### Using proper cookware

**CAUTION** DO NOT place flammable items such as plastic salt and pepper shakers, spoon holders or plastic wrappings 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.**

For best cooking results, cookware should have flat bottoms that rest level on the burner grate. Before using cookware, check for flatness by rotating a ruler across the bottom of the cookware (Fig. 1).

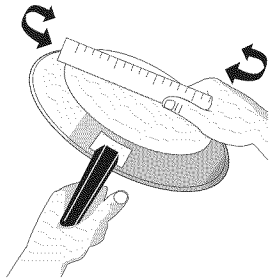


Figure 5: Check for flat bottom cookware

Please note: The size and type of utensil used, and the amount and type of food being cooked will influence the burner flame setting needed for best cooking results.

### 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.

### Setting proper burner flame size

**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.

\*These settings are based for medium-weight metal or aluminum pans with lids. Settings may vary when using other types of pans.

The color of the flame is the key to proper burner adjustment. A good flame is clear, blue and hardly visible in a well-lighted room. Each cone of flame should be steady and sharp. 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 under cooked. Do not attempt to deep fat fry too much food at once as the food will neither brown or cook properly.

Table 1: Suggested flame settings

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, poaching and stewing.

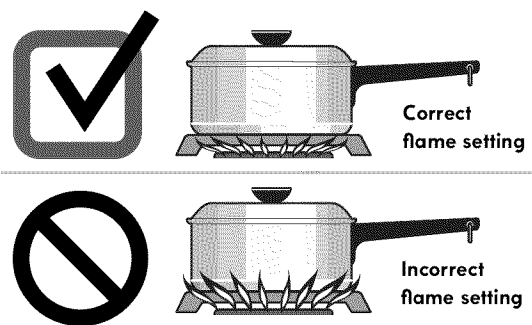


Figure 6: How to set flame for efficient cooking

## Setting surface burners

Your gas appliance may be equipped with different sized surface burners. The ability to heat food quicker and in larger volumes increases as the burner size increases. It is important to select cookware that is suitable for the amount and type of food being prepared.

- The smaller SIMMER burner (on some models) is best suited for simmering delicate sauces, etc.
- The standard size burners may be used for most surface cooking needs. Some models are equipped with a center burner.
- The larger POWER burners (on some models) or TURBO BOIL burner (on some models) are recommended for bringing large quantities of liquid to temperature and when preparing larger quantities of food.

### To set surface burners:

1. Place cooking utensil on center of surface burner grate. Be sure the cooking utensil sets 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 lit.
4. Once the burner has a flame, push the control knob in and turn counterclockwise to the desired flame size. Use the control knob markings and adjust the flame as needed.

### Important notes:

- DO NOT cook with the surface control knob left in the LITE position. The electronic ignitor will continue to spark if the control knob setting remains in the LITE position.
- When setting any surface control knob to the LITE position, all electronic surface ignitors will spark at the same time. However, only the surface burner you are setting will ignite.
- NEVER place or straddle a cooking utensil over 2 different surface cooking areas at the same time. This can cause uneven heating results.
- In the event of an electrical power outage, the surface burners can be lit manually. Use caution when lighting surface burners manually. To light a surface burner, hold a lit match to the burner head, then slowly turn the surface control knob to LITE. After burner lights push in and turn knob to desired setting.
- When operating the oven, it is possible for residual heat from the oven to build-up and over time to eventually transfer to the surface control knobs located directly above the oven door.



Figure 7:

**CAUTION** Do not place flammable items such as plastic salt and pepper shakers, spoon holders or plastic wrappings 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.

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

### 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 home canning procedures.

- Use only quality flat bottom canners when home canning. Use a straight-edge to check canner bottom.
- Use only a completely flat bottom canner.
- Make sure the diameter of the canner does not exceed 1 inch beyond the surface element markings or burner.
- 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.

# Before setting oven controls

## Oven vent location

The oven vent is located under the left side of the control panel. When the oven is on, warm air passes through this vent. This venting is necessary for proper air circulation in the oven and good baking results. **Do not block oven vent:**

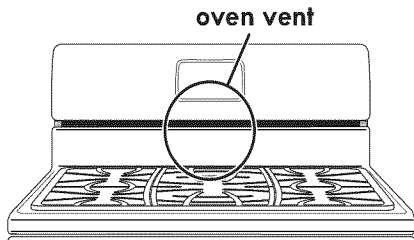


Figure 8: Oven vent in rear of range top

**⚠ CAUTION** Always use pot holders or oven mitts when using the oven. When cooking, the oven interior and exterior, oven racks and cooktop will become very hot which can cause burns.

**⚠ WARNING** 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

## 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. Hot air must be able to circulate around the cookware in the oven for even heat to reach around the food.

## Types of oven racks

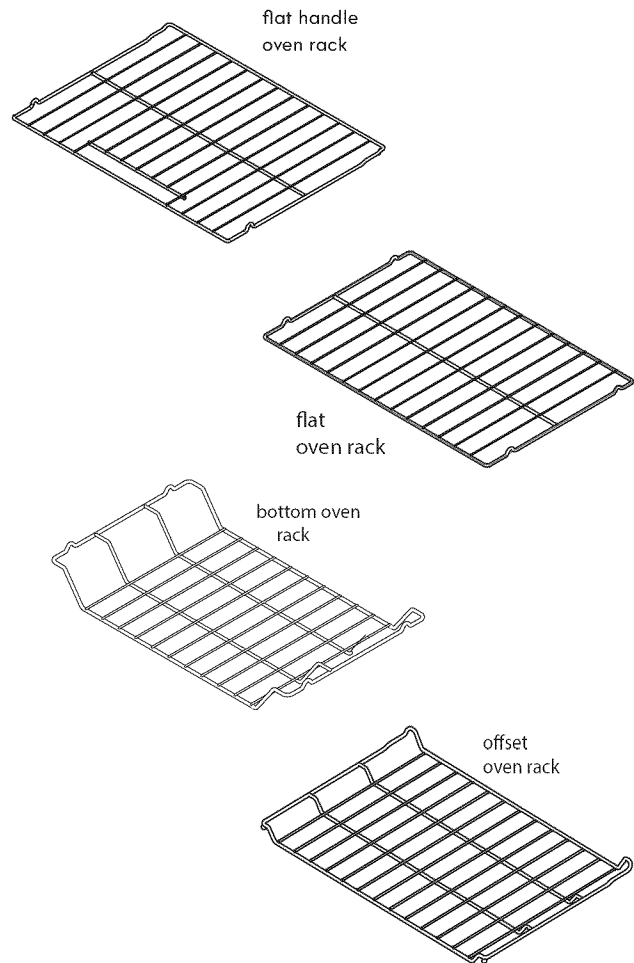


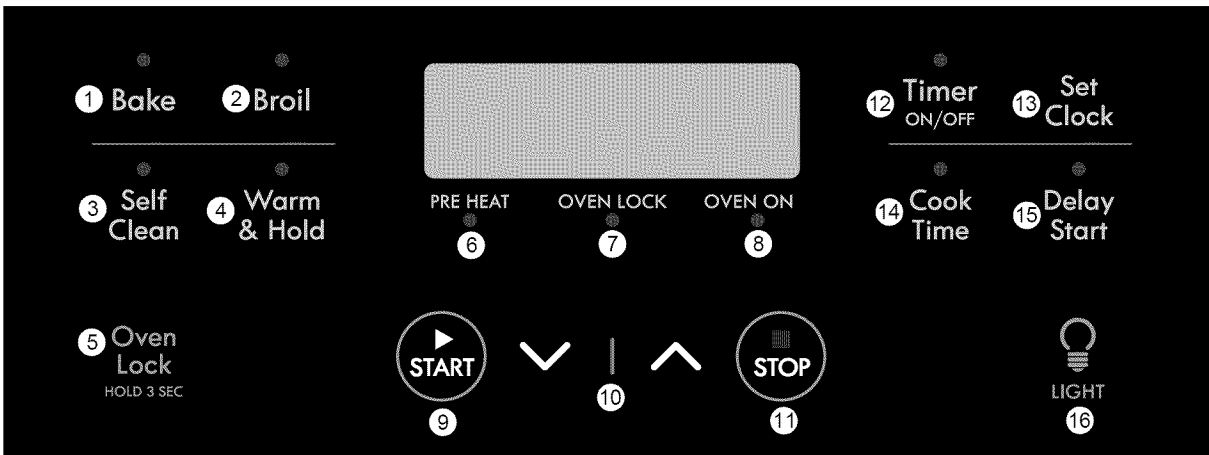
Figure 9: Variety of racks and their uses

The flat oven rack (some models) or flat handle oven rack (some models) may be used for most cooking needs.

The offset oven rack (on some models) is designed to place the base of the rack about 1/2 of a rack position lower than flat oven racks. This design allows several additional positions between the flat rack positions.

To maximize oven cooking space place the **bottom oven rack** (on some models) in the lowest rack position for roasting large cuts of meat.

# Oven Controls





1. **Bake** - Selects Bake function.
2. **Broil** - Selects Broil function.
3. **Self Clean** - Use to select 2, 3, or 4hr Self-Clean cycle.
4. **Warm & Hold** - Use to keep cooked food warm and at serving temperature for up to 3 hours.
5. **Oven Lock** - Use to lock oven door and oven functions.
6. **PREHEAT indicator light** - Is on when oven is preheating. Stays on until the oven reaches the desired temperature.
7. **OVEN LOCK indicator light** - Is on when door locks or unlocks and when oven lockout is active.
8. **OVEN ON indicator light** - Glows each time the oven cycles on to maintain the set oven temperature.
9. **START** - Use to start all cooking functions.
10. **Up / Down** arrows - Use with the function keys to accept settings and adjust temperature and times.
11. **STOP** - Cancels any active oven function except clock and timer.
12. **Timer Set/Off** - Use to set and cancel the timer and to set the Continuous Bake feature.
13. **Set Clock** - Use with arrow keys to set time of day.
14. **Cook Time** - Use to set a specific amount of time needed for cooking. Automatically cancels cooking process at end of set time.
15. **Delay Start** - Use with Bake and Self Clean functions to program a delayed start bake or delayed start self clean cycle.
16. **LIGHT** - Use to turn internal oven light on and off.

## Setting Clock

When the appliance is first powered up or when the power supply to the appliance has been interrupted, **12:00** will flash in the display. The time of day must first be set before operating the oven.



### To set the clock

1. Press **Set Clock** once. **CLO** appears in display.
2. Press  or  and the time appears in the display. Continue to hold arrow key until the correct time of day appears in the display.
3. Press **START** to accept time of day.

### Important note:

The time of day cannot be changed when the oven is set for cooking.

## Silent or audible control mode

1. Press and hold **Delay Start** until the control beeps once (about 3 seconds). The present mode appears as OFF (silent operation) or ON (for audible operation).
2. Use  or  to toggle between audible or silent modes. To save press **START** when the desired mode of operation appears in the display



## Door Open Indicator

When the oven door is opened, D-O will appear in the display. This will not stop any cooking function. Once the door is closed the set temperature will reappear in the display.

### Changing Temperature Display (°F or °C)

The electronic oven control is set to display °F (Fahrenheit) when shipped from the factory. The display may be changed to show either Fahrenheit or °C (Celsius) oven temperatures.

#### To change temperature display mode from °F to °C or from °C to °F

1. Press **Broil**. **HI** appears in the display.
2. Press and hold **Broil** until **F** or **C** appears in the display.
3. Press either  or  to toggle between **F** or **C** mode choices.
4. Press **START** to accept change. The display will return to the time of day.

#### Important note:

The temperature display mode cannot be changed when the oven is set for cooking.

### Oven Lock

The OVEN LOCK feature allows you to lock the oven portion of the appliance while the oven is not in use.

#### To activate OVEN LOCK feature:

1. Be sure the door is completely closed.
2. Press and hold **OVEN LOCK** for 3 seconds. **Loc** will appear in the display. The **OVEN LOCK** indicator light will flash while the motor driven door latch begins locking the oven door. Do not open the door during this time. Allow 15 seconds for the door to completely lock. Once oven door is locked, the time of day will appear in the display.

#### To cancel the OVEN LOCK feature

1. Press and hold **OVEN LOCK** for 3 seconds. The **OVEN LOCK** indicator light will flash and the motor driven door latch will begin to unlock. Do not open the door at this time. The door will unlock completely in about 15 seconds.
2. The oven control keys will be available and the oven door can be opened again.

#### Important notes:

- To avoid possible damage to the oven door latch mechanism, do not attempt to open or close the oven door whenever the OVEN LOCK indicator light is flashing.
- If a control key is pressed when the OVEN LOCK is active, **Loc** will appear in the display as a reminder that the oven keys are inactive when the OVEN LOCK feature is active.

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

The oven control has a factory-preset 12-Hour Energy Saving feature that will turn the oven off automatically if the oven is left on for more than 12 hours. The control may be programmed to override this feature to continuously bake.

#### To change to continuous bake mode

Press and hold **Timer Set/Off** until the control beeps once (about 6 seconds). -- hr will appear in display. The control is set for continuous bake setting.



#### To change to 12-Hour Energy Saving feature:



Press **Clean** to toggle between **continuous** and **12hr energy saving** modes. Press **START** to select desired setting.

#### Setting Timer

The timer may be set from 1 minute to 11 hours and 59 minutes.

#### To set the timer

1. Press **Timer Set/Off**.
2. Press and hold  to increase the time. Release  when the desired time appears in the display.
3. Press **START** and timer will begin to count down.
4. When the set time has run out, the Timer will sound with 3 beeps and will continue to beep 3 times every 60 seconds until **Timer Set/Off** is pressed.

To change time remaining in Timer, press and hold  or  to increase or decrease any time remaining.

To cancel the Timer before at any time, press **Timer Set/Off** once.

#### Important notes:

- The timer does not start or stop the cooking process. It serves as an extra timer in the kitchen that will beep when the set time has run out. The timer may be used alone or when any other oven function is active.
- The indicator light located above **Timer Set/Off** will glow when 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.
- If the timer is active when oven cooking, the minute timer will show in the display by default. To view information of any other active oven function, press the key once for the active function to view status.

## Oven Controls





### Setting Bake


Use the bake function whenever the recipe calls for baking using normal temperatures. A reminder tone will sound when the set bake temperature is reached. Bake may be programmed for any temperature from 170°F to 550°F (77°C to 288°C). The factory preset bake temperature is 350°F (177°C).

**⚠ CAUTION** Always use pot holders or oven mitts when using the oven. When cooking the oven interior, oven racks and cooktop will become very hot which can cause burns.



•

#### To set Bake

1. Arrange oven racks and close oven door.
2. Press **Bake**. **350°** appears in display.
3. Within 15 seconds, press  or . By pressing  or , the oven temperature may be adjusted in 5°F increments (1°C if the control is set to display Celsius).
4. Press **START** when desired temperature appears, the oven will begin heating to the selected temperature. When the oven temperature reaches the set temperature, the PRE-HEAT indicator light will turn off and the oven control will beep 3 times.

To cancel bake at anytime Press .

#### To change the oven temperature after Bake has started

1. Press **Bake**. The current set oven temperature will display.
2. Press  or  to increase or decrease the current set temperature to the new oven temperature.

#### Important note:

- The oven will bake no longer than 12 hours. If you wish to bake for a longer period, see **Changing between continuous bake setting or 12-Hour Energy Saving mode** for detailed information.
- When cooking meats and poultry use rack positions 1 or 2.

### Baking tips

- Fully preheat the oven before cooking items like cookies, biscuits and breads.
- When using any single rack, position the rack so that the food is in the center of the oven.
- For best results when baking cakes or cookies using 2 oven racks, place cookware as shown in Fig. 10, on page 14 and place racks in rack positions 3 & 5. (Fig. 11, on page 14)
- Dark or dull pans absorb more heat than shiny bakeware, resulting in dark or over-browning of foods. It may be necessary to reduce the oven temperature or cook time to prevent over-browning of some foods. Dark pans are recommended for pies; shiny pans are recommended for cakes, cookies and muffins.

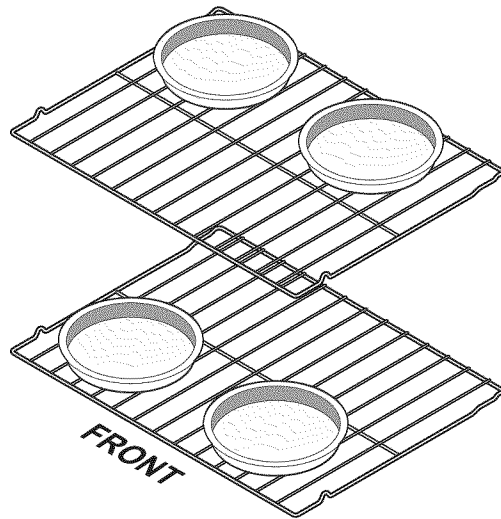


Figure 10: Baking on multiple levels

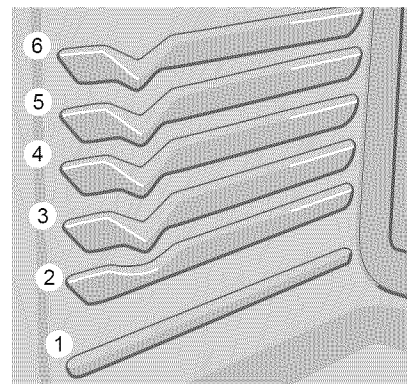









Fig. 11 Oven rack positions

## Setting Cook Time

Use Cook Time to set the amount of time needed for baking. The oven will turn on immediately and stop automatically after the set cook time ends.



**⚠ 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.

### To program the oven to begin baking immediately and to shut off automatically

1. Be sure that the clock displays the correct time of day.
2. Arrange oven racks and close oven door.
3. Press **Bake**. **350°** appears in display.
4. Within 15 seconds, press  or . The display will show the default oven temperature of 350°F (177°C). By pressing  or , the temperature may be adjusted in 5°F increments (1°C if the control is set to display Celsius). Press **START** to accept.
5. Press **Cook Time::00** will appear in display.
6. Press  or  to reach the desired cook time.
7. Press **START** to accept. When the oven temperature reaches the set temperature, the PREHEAT indicator light turns off and the oven control will beep once.
8. To cancel at anytime press .

When the cook time runs out **End** will appear in the display. The oven control will beep 3 times every minute as a reminder until **STOP** is pressed.

### To change the oven temperature or cook time after baking has started

1. Press **Bake** (for oven temperature) or **Cook Time**.
2. To adjust temperature or cook time press  or  and release when the desired temperature or cook time setting appears in the display.

### Important notes:

- Cook Time and Delay Start may be set with Bake but are not available for use with Broil.
- While baking with Cook Time, press **Cook Time** to display any cook time remaining.
- Cook Time and Delay Start can be set with Bake or Convection (on some models). Cook Time and Delay Start will not operate with Broil function.
- The maximum Cook Time or Delay Start setting is 11 hours and 59 minutes.







## Setting Delay Start


Delay Start allows you to set a delayed starting time to the oven baking or cleaning functions.

**⚠ 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. 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.



**⚠ CAUTION** Always use pot holders or oven mitts when using the oven. When cooking the oven interior, oven racks and cook-top will become very hot which can cause burn

### To program oven for a delayed starting time and to shut off automatically

1. Be sure that the clock displays the correct time of day.
2. Arrange oven racks and close oven door.
3. Press **Bake**. **350°** appears in display.
4. Within 15 seconds press  or , the oven temperature may be adjusted in 5°F increments (1°C if the control is set to display Celsius). When desired temperature is reached press **START** to accept.
5. Press **Cook Time::00** will appear in display.
6. Press the  or  to set the desired cook time. Then press **START** to accept.
7. Press **Delay Start**. The time of day will appear in the display. Press  or  until the desired starting time appears in the display and press **START**.
8. The oven will turn on at the set delayed starting time and begin heating. When the oven temperature reaches the set temperature, the **PREHEAT** indicator light will turn off and the oven control will beep 3 times.

To cancel at anytime press .

### To change the oven temperature or cook time after baking has started

1. Press **Bake** (for oven temperature) or **Cook Time**.
2. Press  or  and release when the desired temperature or cook time setting appears in the display.

### When the cook time runs out:






**End** will appear in the display. The oven control will beep 3 times every minute until  is pressed.

## Oven Controls

### Setting Broil

Use the broil function to cook meats that require direct exposure to flame heat for optimum browning results. The Broil function is factory preset to broil at 550°F.

The suggested broil settings is provided for recommendations only. Increase or decrease broiling times, or move to a different rack position to suit for doneness. If the food you are broiling is not listed in the table, follow the instructions provided in your cookbook and watch the item closely. To set Broil

1. Arrange the oven racks when cool. For optimum browning results, preheat oven for 2 minutes before adding food.
2. Position cookware in oven. **Close oven door** when broiling.
3. Press **Broil**. **HI** will appear in display.
4. Press  or  until the desired broil setting level appears in the display. Press  for **HI** broil or  for **LO** broil setting.
5. Press **START**. Broil on one side until food is browned. Turn and broil food on other side. If the door is opened during broiling the **D-O** indicator will appear in the display. This will not stop the cooking process. When the door is closed the display will return to show HI or LO broil settings.
6. When finished broiling or to cancel at any time press .

**CAUTION** Always use pot holders or oven mitts when using the oven. When cooking the oven interior, oven racks and cook-top will become very hot which can cause burns.

**WARNING** Should an oven fire occur, close the oven door and turn the oven off. If fire continues, use a fire extinguisher. Do not put water or flour on fire. Flour may be explosive.

#### Important notes:

- Always arrange oven racks when the oven is cool.
- For best results when broiling, use a broil pan with broil pan insert designed to drain the fat from the food and help avoid spatter and reduce smoking.
- When broiling, always pull the oven rack out to the stop position before turning or removing food. To purchase broil pan and insert call Sears at 1-800-4-MY-HOME (1-800-469-4663) and order broiler kit 5304442087.

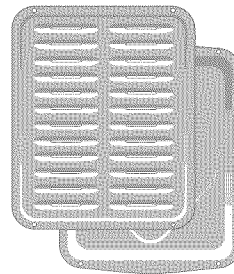


Fig. 12 Broiler pan and insert

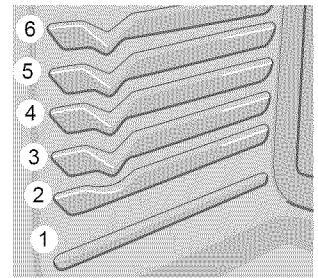


Fig. 13 Rack positions

Table 2: Suggested Broil Settings

Food	Rack Position	Setting	Cook time in minutes		Doneness
			1st side	2nd side	
Steak, 1 inch thick	5th or 6th*	Hi	8	6	Medium
Steak, 1 inch thick	5th or 6th*	Hi	10	8	Medium-well
Steak, 1 inch thick	5th or 6th*	Hi	11	10	Well
Pork Chops, 3/4 inch thick	5th	Hi	12	8	Well
Chicken, bone-in	5th	Lo	25	15	Well
Chicken, boneless	5th	Lo	10	8	Well
Fish	5th	Hi	as directed		Well
Shrimp	4th	Hi	as directed		Well
Hamburger, 1 inch	5th or 6th	Hi	12	10	Medium

Cook times are suggestions and should only be used as a guide. \*Use offset rack only in rack position 6.



## Warm & Hold™





Warm & Hold will keep cooked foods warm and ready for serving for up to 3 hours after cooking has finished. After 3 hours the Warm & Hold will shut off automatically. Warm & Hold should only be used with foods that are already at serving temperatures. Warm & Hold will maintain the oven temperature at 170° F (77°C).

### Example - To set Warm & Hold:

- If needed, arrange oven racks and place cooked food in oven.
- Press **Warm & Hold**. **Hld** will appear in the display. If no other keys are touched within 25 seconds the request for Warm & Hold will clear.
- Press **START**. Warm & Hold will automatically turn off after 3 hours.

To turn Warm & Hold off at any time press  .

### To set Warm & Hold to start after a Timed Bake automatically

1. Press **Bake**. Press  or  to set temperature.
2. Press **START**.
3. Press **Cook Time**. Press  or  to set time.
4. Press **START**.
5. Press **Warm & Hold**.
6. Press **START**. Warm & Hold is set to turn on automatically after the Timed Bake or Delay Timed Bake has finished. The Warm & Hold indicator light will glow indicating that the Warm & Hold feature is set to start when the timed bake is finished.

## Operating Oven Light

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

Press **OVEN LIGHT** on the control panel to turn the oven light on or off whenever the oven door is closed. The oven light will not operate during a self clean cycle.

The oven light is located at the upper left rear wall of the oven interior and is covered with a glass shield held in place by a wire holder. The glass shield protects the bulb from high temperatures and should always be in place when the oven is in use.



To replace the interior oven light see **Replacing oven light** in the **Care and Cleaning** section.

## Adjusting Oven Temperature



Your appliance has been factory calibrated and tested to ensure an accurate baking temperature. 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 **UPO** (User Programmable Offset) so the oven cooks hotter or cooler than the oven temperature displayed.

The oven temperature may be increased as much as +35 °F (+19 °C) or decreased -35 °F (-19 °C) from the factory calibrated settings.

### To adjust oven temperature

1. Press **Bake**, and hold for 3 seconds. The UPO value will appear in the display with a degree sign.
2. The display now indicates the amount of degrees offset from the original factory temperature setting. If the control still has the original factory calibration, the display will read **0**.
3. The temperature may be adjusted up or down 35 °F (19°C), in 1°F increments by pressing and holding  or . Adjust until the desired amount of temperature offset appears in the display and press **START** to save.
4. If the **STOP** key is pressed during the programming mode, the UPO value will remain unchanged.

### Important notes:

- Oven temperature adjustments made will not change the Broil or Self-Clean operating temperatures.
- Do not use oven thermometers such as those found in grocery stores to check the temperature settings inside your oven. These oven thermometers may vary as much as 20 to 40 °F degrees from actual temperatures.
- The oven temperature adjustment may be made if your oven control has been set to display °C (Celsius) temperatures. Minimum and maximum settings for Celsius is plus (+) or minus (-) 19 °C.
- If the display mode is set for Celsius, adjustments made will be in 1 °C increments on each press of  or .

## Oven Controls

### Self Clean

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

The Self Clean function allows you to select 3 different cleaning times from 2, 3 or 4 hours. A 3-hour cleaning time is best used for normal cleaning; 2-hour time for light soils and a 4-hour clean time for heavier stubborn soils.

#### Read before starting Self Clean

**Be sure to read all following caution and important statements before starting a self clean cycle**

**⚠ WARNING** Do not leave small children unattended near appliance. During self clean cycle the outside of the oven can become very hot and cause burns if touched.

**⚠ WARNING** Do not line the oven walls, racks, oven bottom or any part of the range with aluminum foil. This will cause permanent damage to the oven interior and destroy heat distribution, and will melt to the oven interior.

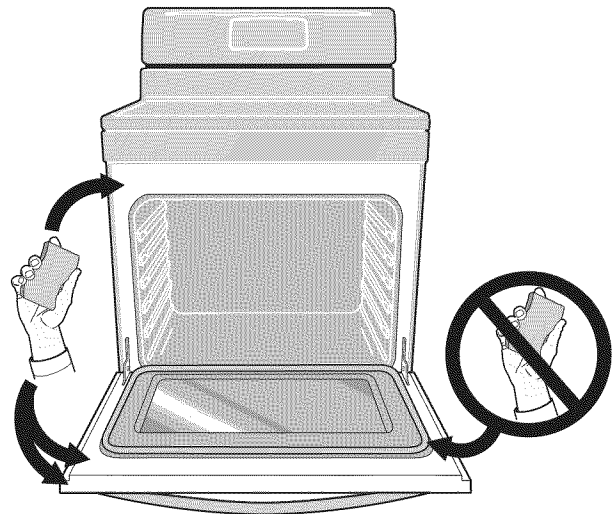
**⚠ WARNING** Do not force the oven door open. This will damage the automatic door locking system. Use caution when opening the oven door after the self clean cycle ends. The oven may still be very hot and cause burns. To avoid possible burns stand to side of oven when opening door to allow steam or hot air to escape.

**The health of some birds** is extremely sensitive to fumes given off during the self clean cycle of any range. Move birds to a well ventilated room.

#### Important notes:

- Completely remove all oven racks and any accessories from oven cavity to avoid damage to oven racks. If the oven racks are not removed they may discolor. Remove all items from the oven and cooktop including cookware, utensils and any aluminum foil. Aluminum foil will not withstand high temperatures from a self clean cycle and will melt.
- Do not use oven cleaners or oven protective coatings in or around any part of the oven interior. Clean any soil from the oven frame, the door liner outside the oven door gasket and the small area at the front center of the oven bottom (Fig. 14, on page 18). These areas heat sufficiently to burn soil on. Clean using soap and water prior to starting Self Clean.

- Remove any excessive spills. Any spills on the oven bottom should be wiped up and removed before starting a self clean cycle. To clean use hot, soapy water and a cloth. Large spills can cause heavy smoke or fire when subjected to high temperatures. Do not allow food spills with high sugar or acid content (such as milk, tomatoes, sauerkraut, fruit juices or pie fillings) to remain on the surface as they may leave a dull spot even after cleaning.



**Fig. 14 Areas to clean and to avoid**



- Do not clean the oven door gasket (figure). The woven material in the gasket is essential for a good seal. Care should be taken not to rub, damage or remove the oven door gasket. Doing so could cause damage to the door gasket and compromise the performance of the oven.

#### Important notes:

- The kitchen area should be well ventilated using an open window, ventilation fan or exhaust hood during the 1st self clean cycle. This will help eliminate the normal odors associated with the 1st self clean cycle.
- Do not attempt to open the oven door when the OVEN LOCK indicator light is flashing. Allow about 15 seconds for the motorized door latch mechanism to completely lock or unlock the oven door.
- When the clean time finishes the oven door will remain locked until the range has cooled sufficiently. In addition to the clean time that was programmed, you must allow about 1 additional hour for the oven to cool before you will be able to open the oven door.
- The Self Clean function will not operate whenever a radiant surface element is ON or the oven lockout is active.

## Setting Self Clean

### To set Select Clean to start immediately:

1. Be sure the oven is empty and all oven racks are removed. Remove all items from the cooktop. Be sure the oven door is completely closed.
2. Press **Self Clean**. **3:00** appears in the display.
3. To change to a 2 hour clean time press  ; **2:00** appears in the display. To select a 4 hour clean time press  : **4:00** appears in the display.
4. After selecting the clean time press **START** to activate the self clean. The **OVEN LOCK** indicator light will light and **CLn** will appear in the display.

When Self Clean begins the cleaning cycle, the motorized door latch mechanism will automatically start to lock the oven door and the **OVEN LOCK** indicator light will flash. Do not open the oven door when the **OVEN LOCK** indicator light is flashing. Allow about 15 seconds for the oven door to completely lock.

Once the oven door has locked the **OVEN LOCK** indicator light will glow steady. When **CLn** will appear in the display Self Clean is active.






**CAUTION** Use caution when opening the oven door after self cleaning. The oven may still be **VERY HOT** and can cause burns. To avoid possible burns stand to the side of the oven when opening the oven door to allow hot air or steam to escape.

### When Self Clean is finished:


1. The time of day will appear in the display window and the **OVEN LOCK** indicator light will continue to glow.
2. Once the oven has cooled down (about 1 hour) and the **OVEN LOCK** indicator light has turned off the oven door may be opened.
3. When the oven interior has completely cooled, wipe away any residue or powdered ash with a damp cloth or paper towel.

## Delayed Start Self Clean:

### To start Delay Start Self Clean:

1. Be sure the oven is empty and all oven racks are removed. Remove all items from the cooktop. Be sure oven door is completely closed.
2. Be sure the clock shows the correct time of day.
3. Press **Delay Start**.
4. Press and hold  to scroll to the time desired to start the self clean cycle. Press **START** when the desired start time is displayed.
5. Press **Self Clean**. **3:00** appears in the display.
6. Press  or  once. **3:00** appears in the display indicating the default 3 hour clean time is selected. To select a 2 hour clean time press  ; **2:00** appears in the display. To select a 4 hour clean time press  ; **4:00** appears in the display.
7. After selecting the desired clean time press **START**. Self Clean is set to activate. The **OVEN LOCK** indicator light will turn on and the oven door will lock in advance of the starting time. Once the starting time is reached **CLn** will appear in the display.

### If it becomes necessary to stop Self Clean when active

1. Press .
2. If Self Clean has heated the oven to a high temperature, allow enough time for the oven to cool and for the **OVEN LOCK** indicator light to turn off. When this indicator light turns off the oven door may be opened.
3. Restart Self Clean if needed.

### Important notes:

If Self Clean is active and a power failure occurs, the oven may not have thoroughly cleaned. This would depend on how much cleaning time had elapsed before the power failure. If needed after power is restored, set Self Clean again.

# Care and Cleaning

## Cleaning Various Parts of Your Oven

Before cleaning any part of the oven, be sure all controls are turned off and the oven is cool. Remove spills and any heavy soiling as soon as possible. Regular cleaning will reduce the difficulty of major cleaning later.

Surface Type	Recommendation
Aluminum and Vinyl	Use hot, soapy water and a cloth. Dry with a clean cloth.
Painted body parts Painted decorative trims	Use a soft cloth and clean with mild dish detergent and water or a 50/50 solution of vinegar and water. Follow by rinsing the area with clean water; dry and polish with a soft cloth. Glass cleaners may be used if sprayed on a soft cloth first. Do not spray liquids directly on the oven control and display area. Do not use large amounts of water on the control panel. Excess water on the control area may cause damage to the appliance. Do not use other liquid cleaners, abrasive cleaners, scouring pads, or paper towels. They will damage the finish.
Easy Clean™ Stainless Steel	Your oven finish may be Easy Clean™ 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, chlorides, chlorine, or ammonia. It is recommended to use mild dish soap and water or a 50/50 solution of water and vinegar.
Porcelain enamel broiler pan and insert (available by mail order) Door liner and body parts	Gentle scouring with a soapy scouring pad will remove most spots. Rinse with a 1:1 solution of clear water and ammonia. If necessary, cover difficult spots with an ammonia-soaked paper towel for 30 to 40 minutes. Rinse with clean water and a damp cloth, and then scrub with a soap-filled scouring pad. Rinse and wipe dry with a clean cloth. Remove all cleaners or the porcelain may become damaged during future heating.
Oven racks	Oven racks must be removed from oven cavity. Clean by using a mild, abrasive cleaner following manufacturer's instructions. Rinse with clean water and dry.
Oven door	Use soap and 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 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-clean 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.

## Removing and Replacing the Oven Door

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

### To remove the oven door:

1. Open oven door completely, horizontal with floor (See Figure 15).
2. Pull the door hinge locks on both left and right door hinges down from the oven frame completely toward the oven door (See Figure 16). A tool such as a small flat-blade screwdriver may be required.
3. Firmly grasp both sides of oven door along the door sides. Do not use the oven door handle (See Figure 17).
4. Close the door to approximately 10 degrees from the oven door frame.
5. Lift the oven door hinge arms over the roller pins located on each side of the oven frame (See Figure 17).

### To Replace Oven Door:

1. Firmly grasp both sides of oven door along the door sides. Do not use the oven door handle (See Figure 17).
2. Holding the oven door at the same angle as the removal position (See Figure 17), seat the hook of the hinge arm over the roller pins located on each side of the oven door frame (See Figure 18). The hook of the hinge arms must be fully seated onto the roller pins.
3. Fully open the oven door, horizontal with floor (See Figure 15).
4. Push the door hinge locks up toward and into the oven frame on both left and right oven door hinges to the locked position (Figure 16).
5. Close the oven door.

### Important:

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

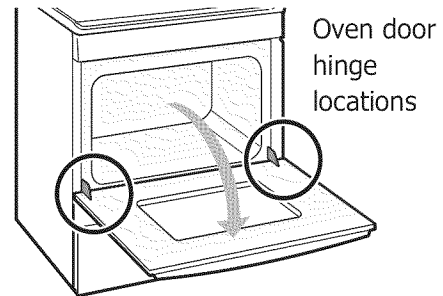


Figure 15: Door hinge location

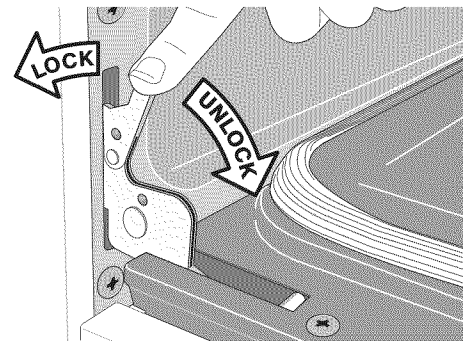


Figure 16: Door hinge locks

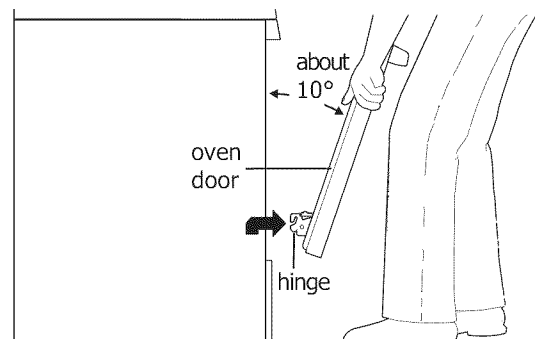


Figure 17: Holding door for removal

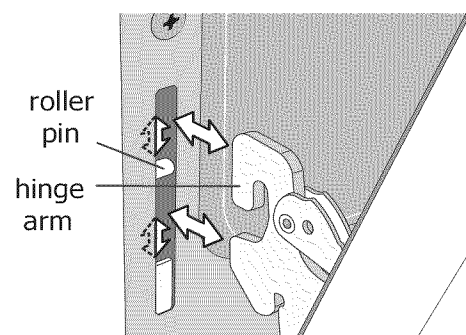


Figure 18: Location of hinge arm and roller pin

## Replacing the oven light

**⚠ CAUTION** Be sure the oven is unplugged and all parts are cool before replacing oven light.

The interior oven light is located at the rear of the oven cavity. (See Figure 19).

To replace the oven interior light bulb:

**Important note:**

Use a paper towel or cotton glove while handling the new bulb when installing.

1. Turn electrical power off at the main source or unplug the appliance.
2. Replace bulb with a new 40 watt appliance bulb.
3. Turn power back on again at the main source (or plug the appliance back in).
4. Be sure to reset the time of day on the clock.

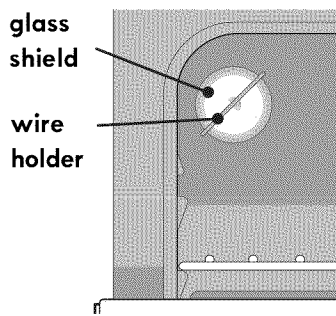


Figure 19: Replacing oven light

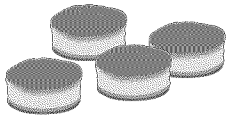
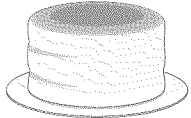
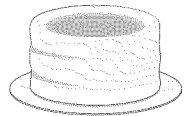
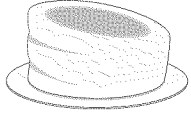
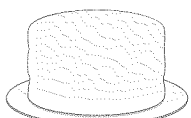
# Before You Call

## Oven Baking

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

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

### Baking Problems and Solutions

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

## Solutions to Common Problems

Before you call for service, review the following list. It may save you time and expense. Possible solutions are provided with the problem listed:

Problem	Solution
Poor baking results	Many factors effect baking results. Use proper oven rack position. Center food in the oven and space pans to allow air to circulate. Preheat oven to the set temperature before placing food in the oven. Try adjusting the recipe's recommended temperature or baking time. See "Setting Self Clean" on page 19 if you feel the oven is too hot or cold.
Oven does not operate.	The time of day is not set. The oven clock must first be set in order to operate the oven.  Be sure oven controls are set properly. See "Setting Clock" on page 12 and review instructions for the desired cooking function in this manual.  Service wiring is not complete.
Oven light does not work.	Be sure the oven light is secure in the socket. See "Replacing the oven light" on page 22.
Flames inside oven or smoking from oven vent.	Excessive spills in oven. Grease or food spilled onto oven bottom or oven cavity. Wipe up excessive spills before starting oven. If flames or excessive smoke are present when using broil, see "Setting Broil" on page 16.
Self clean does not work.	Oven control not set properly. Review "Setting Self Clean" on page 19.
Oven racks discolored or do not slide easily.	Oven racks left in oven cavity during self clean. Always remove oven racks from oven cavity before starting a self-clean cycle. Clean using a mild abrasive cleaner following manufacturer's instructions. Rinse with clean water, dry, and replace in oven.
Oven smokes excessively when broiling.	Incorrect setting. Follow broiling instructions in "Setting Broil" on page 16  Meat too close to the broil element. Reposition broil rack to provide proper clearance between the meat and broil element. Remove excess fat from meat. Cut remaining fatty edges to prevent curling.  Grease build up on oven surfaces. Regular cleaning is necessary when broiling frequently. Grease or food splatters will cause excessive smoking.
Oven control panel beeps and displays any F or E code error.	Oven control has detected a fault or error condition. Press STOP to clear the error code. Try bake or broil function. If the F or E code error repeats, turn off power to appliance, wait 5 minutes and then repower appliance. Set clock with correct time of day. Try bake or broil function again. If fault recurs, press STOP to clear.
Soil not completely removed after self clean.	Self Clean was interrupted. Review instructions in "Setting Self Clean" section on page 19.  Excessive spills on oven bottom. Clean before starting self clean.  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 in the self-cleaning area, but they get hot enough to burn on residue. Clean these areas before starting the self-cleaning cycle. Burned-on residue can be cleaned with a stiff nylon brush and water or a nylon scrubber. Be careful not to damage the oven gasket.



## Master Protection Agreements

Congratulations on making a smart purchase. Your new Kenmore® product is designed and manufactured for years of dependable operation. But like all products, it may require preventive maintenance or repair from time to time. That's when having a Master Protection Agreement can save you money and aggravation.

The Master Protection Agreement also helps extend the life of your new product. Here's what the Agreement\* includes:

- ☑ **Parts and labor** needed to help keep products operating properly **under normal use**, not just defects. Our coverage goes **well beyond the product warranty**. No deductibles, no functional failure excluded from coverage – **real protection**.
- ☑ **Expert service** by a force of more than **10,000 authorized Sears service technicians**, which means someone you can trust will be working on your product.
- ☑ **Unlimited service calls and nationwide service**, as often as you want us, whenever you want us.
- ☑ **"No-lemon" guarantee** – replacement of your covered product if four or more product failures occur within twelve months.
- ☑ **Product replacement** if your covered product can't be fixed.
- ☑ **Annual Preventive Maintenance Check** at your request – no extra charge.
- ☑ **Fast help by phone** – we call it **Rapid Resolution** – phone support from a Sears representative on all products. Think of us as a "talking owner's manual".
- ☑ **Power surge protection** against electrical damage due to power fluctuations.
- ☑ **\$250 Food Loss Protection** annually for any food spoilage that is the result of mechanical failure of any covered refrigerator or freezer.
- ☑ **Rental reimbursement** if repair of your covered product takes longer than promised.
- ☑ **10% discount** off the regular price of any non-covered repair service and related installed parts.

Once you purchase the Agreement, a simple phone call is all that it takes for you to schedule service. You can call anytime day or night, or schedule a service appointment online.

The Master Protection Agreement is a risk free purchase. If you cancel for any reason during the product warranty period, we will provide a full refund. Or, a prorated refund anytime after the product warranty period expires. Purchase your Master Protection Agreement today!

**Some limitations and exclusions apply. For prices and additional information in the U.S.A. call 1-800-827-6655.**

**\* Coverage in Canada varies on some items. For full details call Sears Canada at 1-800-361-6665.**

## Sears Installation Service

For Sears professional installation of home appliances, garage door openers, water heaters, and other major home items, in the U.S.A. or Canada call **1-800-4-MY-HOME®**.

## Acuerdos maestros de protección

*Enhorabuena por haber hecho una compra inteligente.* Su nuevo producto Kenmore® está diseñado y fabricado para brindarle años de funcionamiento fiable. Pero, como cualquier producto, puede necesitar mantenimiento preventivo o reparaciones periódicas. Es por eso que tener un Acuerdo maestro de protección podría ahorrarle dinero y molestias.

El Acuerdo maestro de protección también sirve para prolongar la durabilidad de su nuevo producto. El acuerdo\* incluye lo siguiente:

- ☑ **Piezas y mano de obra** necesarias para contribuir a mantener el funcionamiento adecuado de los productos **utilizados en condiciones normales de uso**, no sólo en caso de defectos de los productos. Nuestra cobertura va **mucho más allá que la garantía del producto**. No se aplican deducibles ni exclusiones por fallas del funcionamiento: es decir, **verdadera protección**.
- ☑ **Servicio técnico por expertos** (más de **10000 técnicos autorizados de Sears**), lo cual significa que quien repare o realice el mantenimiento de su producto será un profesional de confianza.
- ☑ **Servicio técnico a escala nacional y número ilimitado de llamadas de solicitud de servicio técnico**: se puede poner en contacto con nosotros cuantas veces lo desee y cuando lo desee.
- ☑ **Garantía "sin sorpresas"**: se reemplaza el producto cubierto por el acuerdo si ocurren cuatro o más fallas del producto en un periodo de 12 meses.
- ☑ **Reemplazo del producto**: en caso de que no se pueda reparar el producto cubierto por el acuerdo.
- ☑ **Revisión anual preventiva de mantenimiento del producto**: puede solicitarla en cualquier momento, sin costo alguno.
- ☑ **Rápida asistencia telefónica**, la cual denominamos **Solución rápida**: es decir, asistencia telefónica a través de cualquiera de nuestros representantes de Sears, sobre cualquiera de nuestros productos. Piense en nosotros como en un "manual parlante del usuario".
- ☑ **Protección contra fallas eléctricas**, contra daños debidos a fluctuaciones de la corriente eléctrica.
- ☑ **\$250 al año para cubrir cualquier posible deterioro de alimentos** que haya tenido que desechar debido a una falla mecánica de cualquiera de nuestros refrigeradores o congeladores cubiertos por este acuerdo.
- ☑ **Devolución de gastos de alquiler de electrodomésticos** si la reparación de su producto asegurado toma más que el tiempo prometido.
- ☑ **10% de descuento** aplicable tanto a los costos del servicio de reparación, como de las piezas instaladas relacionadas que no hayan quedado cubiertos por este acuerdo.

Una vez que haya realizado el pago de este acuerdo, bastará una simple llamada telefónica para concertar una visita de servicio. Puede llamar a cualquier hora del día o de la noche, o bien concertar una visita de servicio por Internet.

La adquisición del Acuerdo maestro de protección es una inversión exenta de riesgos. Si por cualquier motivo decide cancelar dicho acuerdo durante el periodo de garantía del producto, le haremos un reintegro total del valor. O bien un importe proporcional si cancela el acuerdo en cualquier otro momento posterior al vencimiento del periodo de garantía del producto. ¡Adquiera hoy mismo su Acuerdo maestro de protección!

**Algunas limitaciones y exclusiones podrían aplicarse. Para solicitar precios e información adicional, llame al 1-800-827-6655 (en los EE.UU.).**

**\* La cobertura en Canadá varía en el caso de algunos artículos. Para obtener detalles completos al respecto, llame al 1-800-361-6665 de Sears de Canadá.**

## Servicio de instalación de Sears

Para solicitar la instalación por profesionales de Sears de electrodomésticos, abridores de puertas de garaje, calentadores de agua y otros artículos de uso prioritario en el hogar, **llame al 1-800-4-MY-HOME** en los EE.UU. o Canadá.

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## Contrats de protection principaux

*Félicitations! Vous avez fait un bon achat. Votre nouvel appareil Kenmore® est conçu et fabriqué dans le but de vous offrir plusieurs années d'utilisation sans tracas. Cependant, comme tout appareil, il peut nécessiter un entretien préventif ou des réparations occasionnelles. C'est pourquoi un contrat de protection principal peut vous permettre d'épargner de l'argent et vous éviter des problèmes.*

Le contrat de protection principal contribue également à prolonger la durée de vie de votre nouvel appareil. Voici ce que couvre le contrat\* :

- ☑ **Les pièces et la main-d'oeuvre** requises pour le fonctionnement adéquat de l'appareil **dans des conditions d'utilisation normales**, pas seulement pour les défauts. Notre couverture vous offre **beaucoup plus que la simple garantie du produit**. Aucune franchise, aucune exclusion de défaillance fonctionnelle, **une véritable protection**.
- ☑ **Un service professionnel** offert par une équipe de plus de **10 000 techniciens de service Sears autorisés**, ce qui signifie que votre appareil sera confié à une personne de confiance.
- ☑ **Des appels de service illimités et un service à la grandeur du pays**, à tout moment, aussi souvent que vous le désirez.
- ☑ **La garantie « anti-citron »**, vous assurant le remplacement de l'appareil couvert si quatre défaillances ou plus surviennent à l'intérieur de douze mois.
- ☑ **Le remplacement de l'appareil** couvert s'il ne peut être réparé.
- ☑ **Une vérification d'entretien préventive annuelle** sur demande et sans frais.
- ☑ **Un service d'aide téléphonique rapide**, appelé « **Résolution rapide** », qui vous permet de bénéficier du soutien téléphonique d'un représentant Sears pour tous les produits. Nous sommes votre « guide d'utilisation parlant ».
- ☑ **Une protection contre les surtensions** pour les dommages électriques causés par des fluctuations électriques.
- ☑ **Une couverture annuelle de 250 \$ pour la perte d'aliments** à la suite de toute détérioration d'aliments résultant d'une défaillance mécanique d'un réfrigérateur ou d'un congélateur couvert.
- ☑ **Le remboursement de la location**, si la réparation de l'appareil couvert prend plus de temps que prévu.
- ☑ **Un rabais de 10 %** sur le prix régulier de tout service de réparation non couvert et les pièces installées qui en découlent.

Une fois le contrat acheté, un simple appel téléphonique suffit pour obtenir un service de réparation. Vous pouvez téléphoner à toute heure du jour ou de la nuit, ou prendre rendez-vous en ligne pour une réparation.

Le contrat de protection principal est un achat sans risque. Si, pour quelque raison que ce soit, vous annulez le contrat durant la période de garantie du produit, vous serez remboursé en totalité. En cas d'annulation après la période de garantie du produit, vous recevrez un remboursement calculé au prorata. Procurez-vous votre contrat de protection principal dès aujourd'hui!

**Certaines restrictions et exclusions s'appliquent. Si vous êtes aux États-Unis et que vous désirez connaître les prix et obtenir de plus amples renseignements, téléphonez au 1 800 827-6655.**

**\* Au Canada, la couverture de certains articles peut varier. Pour connaître tous les détails, communiquez avec Sears Canada au 1 800 361-6665.**

## Service d'installation Sears

Pour bénéficier du *service d'installation professionnel de Sears* pour électroménagers, ouvre-portes de garage, chauffe-eau et autres appareils domestiques importants, aux États-Unis et au Canada, téléphonez au **1 800 4-MY-HOME**.

# Get it fixed, at your home or ours!

## Your Home

For troubleshooting, product manuals and expert advice:



[www.managemylife.com](http://www.managemylife.com)

For repair – **in your home** – of **all** major brand appliances, lawn and garden equipment, or heating and cooling systems, **no matter who made it, no matter who sold it!**

For the replacement parts, accessories and owner's manuals that you need to do-it-yourself.

For Sears professional installation of home appliances and items like garage door openers and water heaters.

**1-800-4-MY-HOME<sup>®</sup>** (1-800-469-4663)

Call anytime, day or night (U.S.A. and Canada)

[www.sears.com](http://www.sears.com)      [www.sears.ca](http://www.sears.ca)

## Our Home

For repair of carry-in items like vacuums, lawn equipment, and electronics, call anytime for the location of your nearest

**Sears Parts & Repair Service Center**

**1-800-488-1222** (U.S.A.)

[www.sears.com](http://www.sears.com)

**1-800-469-4663** (Canada)

[www.sears.ca](http://www.sears.ca)

To purchase a protection agreement on a product serviced by Sears:

**1-800-827-6655** (U.S.A.)

**1-800-361-6665** (Canada)

Para pedir servicio de reparación a domicilio, y para ordenar piezas:

**1-888-SU-HOGAR<sup>®</sup>**

(1-888-784-6427)

[www.sears.com](http://www.sears.com)

Au Canada pour service en français:

**1-800-LE-FOYER<sup>MC</sup>**

(1-800-533-6937)

[www.sears.ca](http://www.sears.ca)

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