

FOR FUTURE REFERENCE

For future reference we suggest you retain this manual after recording the model number and serial number of this gas appliance in the spaces provided. This information can be found on the rating plate.

- **20-inch Range:**

Rating plate is located on the sides of the lower range front frame. Pull out lower drawer to see rating plate.

- **36-inch Range:**

Rating plate is located in the burner box area on the right side wall.

MODEL NUMBER

SERIAL NUMBER

DATE OF PURCHASE

These numbers identify your range. Please use them in any correspondence or service calls concerning your appliance.

Please retain the proof of purchase documents for warranty service.

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

- **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, service agency or the gas supplier.**



⚠ WARNING

- **ALL RANGES CAN TIP**
- **INJURY TO PERSONS COULD RESULT**
- **INSTALL ANTI-TIP DEVICES PACKED WITH RANGE**
- **SEE INSTALLATION INSTRUCTIONS**

To reduce the risk of tipping of the appliance from unusual usage or by excessive loading of the oven door, the appliance must be secured by a properly installed anti-tip device. To check if device is installed properly: Use a flashlight and look underneath range to see that one of the rear leveling legs is engaged in the bracket slot.

IMPORTANT SAFETY INSTRUCTIONS

Read all instructions before using this appliance.

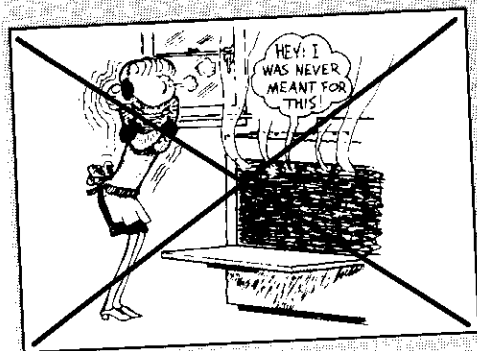
Information in the Safety Instruction section covers all gas cooking appliances. **You may find some information that does not pertain to your particular appliance.** Please review this section before using your cooking appliance.

GENERAL SAFETY

CAUTION: Some cabinets and building materials are not designed to withstand the heat produced by the normal, safe operation of a cooking appliance. Discoloration or damage, such as delamination, may occur. Therefore, **care should be given to the location of this appliance.**

- **Be sure all packing materials are removed from the range** before operating it to prevent fire or smoke damage should the packing material ignite.
- **Have your appliance installed and properly grounded by a qualified installer**, in accordance with the Installation Instructions. Any adjustment or service should be performed only by a qualified installer or servicer.
- **Have the installer show you the location of the gas shut off valve and how to shut it off in an emergency.**

No cooking appliance should be used as a space heater to heat or warm a room. This instruction is based on safety considerations to prevent potential hazard to the consumer as well as damage to the appliance.



- **Don't attempt to repair or replace any part of your appliance unless it is specifically recommended in this book.** All other servicing should be referred to a qualified servicer.

- **Always disconnect power to appliance before servicing.**

- **If range is installed near a window, proper precautions should be taken to prevent curtains from blowing over burners creating a FIRE HAZARD.**

- **Keep area around appliance clear and free from combustible materials, gasoline, and other flammable vapors and materials.**

- **Many aerosol-type spray cans are EXPLOSIVE** when exposed to heat and may be highly flammable. Avoid their use or storage near an appliance.

ABOUT YOUR APPLIANCE

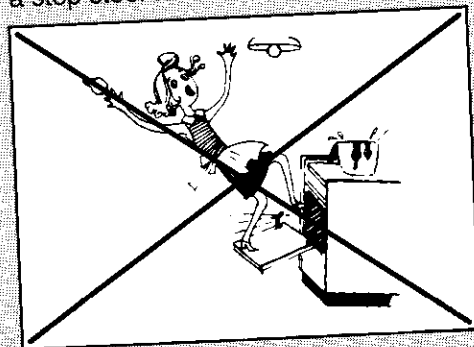
- Your appliance is vented through the base of the backguard. **Never block oven vent or air intakes. Do not obstruct the flow of combustion and ventilation air.** Restriction of air flow to the burner prevents proper performance.

Avoid touching oven vent area while oven is on and for several minutes after oven is turned off. Some parts of the vent and surrounding area become hot enough to cause burns.

- **Do not use cooktop or oven as a storage area for food or cooking utensils.** This instruction is based on safety considerations to prevent potential hazard to user and to the appliance.

- **Misuse of appliance doors, such as stepping, leaning or sitting on the door, may result in possible tipping of the appliance, breakage of door, and serious injuries.**

CAUTION: Do not use an appliance as a step stool to cabinets above.



- **To reduce the hazard of storage above a range, install a ventilating hood that projects at least 5 inches beyond the bottom edge of the cabinets.**

Clean hood frequently to prevent grease from accumulating on hood or its filter.

Should a boilover or spillover result in an open flame, immediately turn off the hood's fan to avoid spreading the flame. After thoroughly extinguishing flame, the fan may be turned on to remove unpleasant odor or smoke.

- **To eliminate the hazard of reaching over hot surface burners, cabinet storage should not be provided directly above a unit.**

If such storage is provided, it should be limited to items which are used infrequently and which are safely stored in an area subjected to heat from an appliance.

Temperatures in storage areas above the unit may be unsafe for some items such as volatile liquids, cleaners or aerosol sprays.

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IMPORTANT SAFETY INSTRUCTIONS (continued)

CLEANING SAFETY:

- Turn off all controls and wait for range parts to cool before touching or cleaning them. Do not touch the burner grates or surrounding areas until they have had sufficient time to cool.
- Clean range with caution. If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burns. Some cleaners can produce noxious fumes if applied to a hot surface.
- Touching a hot oven light bulb with a damp cloth could cause the bulb to break. Should the bulb break, disconnect power to the range before trying to remove the bulb to avoid electrical shock.

COOKING SAFETY:

- Be sure you know which knob controls which surface burner. Always make sure the correct burner is turned on and that the burner has ignited. When cooking is completed, turn burner off.
- Always adjust surface burner flame so that it does not extend beyond the bottom of utensil. An excessive flame is hazardous and wastes energy.
- Never leave a surface cooking operation unattended especially when using a high heat setting. Boilovers cause smoking and greasy spillovers may ignite.

- Always turn surface burner to OFF before removing cookware.
- Never heat an unopened container on the surface burner or in the oven. Pressure build-up may cause container to burst resulting in serious personal injury or damage to the range.
- Do not leave any items on the cooktop. The hot air from the vent may ignite flammable items and may increase pressure in closed containers which may cause them to burst.
- Always place oven racks in the desired positions while oven is cool. If a rack must be moved while hot, be careful to avoid contact of pot holders with oven burner flame.
- Slide oven rack out to add or remove food, using dry, sturdy pot holders. Always avoid reaching into oven to place or remove food.
- Use dry, sturdy pot holders. Damp pot holders may cause burns from steam. Dish towels or other substitutes should never be used as pot holders because they can trail across hot surface burners and ignite or get caught on range parts.
- Use care when opening oven door. Let hot air or steam escape before removing or replacing food.
- Use caution when wearing garments made of flammable material to avoid clothing fires. Loose fitting or long hanging-sleeved apparel should not be worn while cooking. Clothing may ignite or catch utensil handles.

- Do not let cooking grease or other flammable materials accumulate in or near the range, range hood or vent fan.
- Always let quantities of hot fat used for deep fat frying cool before attempting to move or handle.
- In the event of a grease fire do not attempt to move pan.

Do not use water on grease fires. Never pick up a flaming pan. Turn off burner, then smother flaming pan by covering pan completely with a lid, cookie sheet or flat tray. Or, extinguish flame by covering with baking soda or, if available, a multi-purpose dry chemical or foam-type fire extinguisher.

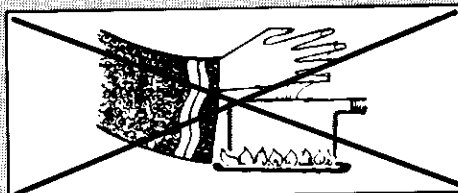
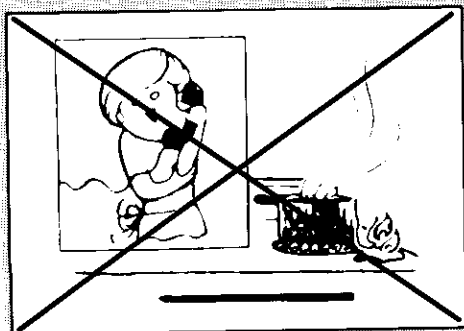
Spills or boilovers which contain grease should be cleaned up as soon as possible. If they are allowed to accumulate, they could create a FIRE HAZARD.

If a grease fire occurs in the oven or in the broiler pan, turn oven off and keep door closed to contain fire until it extinguishes.

PREPARED FOOD WARNING:

- Follow food manufacturer's instructions. If a plastic frozen food container and/or its cover distorts, warps, or is otherwise damaged during cooking, immediately discard the food and its container. The food could be contaminated.

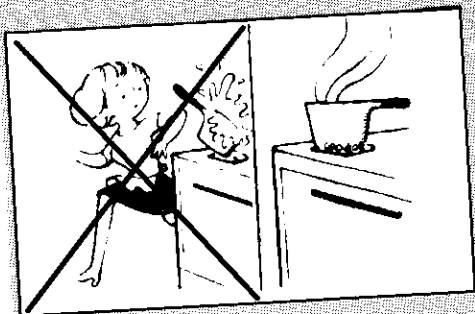
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IMPORTANT SAFETY INSTRUCTIONS (continued)

UTENSIL SAFETY:

- Use pans with flat bottoms and handles that are easily grasped and stay cool. Avoid using unstable, warped, easily tipped or loose handled pans. Do not use pans if their handles twist and cannot be tightened. Pans that are heavy to move when filled with food may also be hazardous.
- Always place a pan of food on a surface burner before turning it on, and turn it off before removing the pan to prevent exposure to burner flame.
- Always turn pan handles to the side or back of appliance, not out into the room where they are easily hit or reached by small children.



To minimize burns, ignition of flammable materials and spillage due to unintentional contact with the utensil, do not extend handles over adjacent surface burners.

- Do not leave children alone or unsupervised near the appliance when it is in use or is still hot.

Children should never be allowed to sit or stand on any part of the appliance.

Children must be taught that the appliance and utensils in it can be hot. Let hot utensils cool in a safe place, out of reach of small children.

- Be sure utensil is large enough to properly contain food and avoid boilovers. Pan size is particularly important in deep fat frying. Be sure pan will accommodate the volume of food that is to be added as well as the bubble action of fat. Never leave a deep fat frying operation unattended.
- Never let a pan boil dry as this could damage the utensil and the appliance.
- Many plastics are vulnerable to heat. Keep plastics away from parts of the appliance that may become warm or hot.
- Do not leave plastic items on the cooktop as they may melt or soften if left too close to the vent or a lighted surface burner.
- When using cooking or roasting bags in oven, follow the manufacturer's directions.
- Use only glass cookware that is recommended for use in the oven.

SAVE THESE INSTRUCTIONS

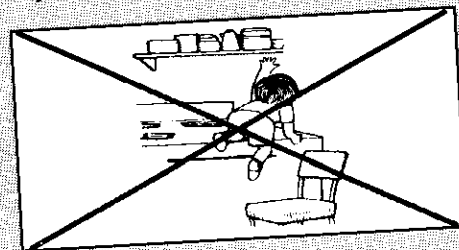
CHILD SAFETY:

Children should be taught that an appliance is not a toy.

Children should not be allowed to play with controls or other parts of the unit.

CAUTION: Do not store items of interest to children in cabinets above an appliance or on the backguard of a range.

Children climbing on the appliance to reach items could be seriously injured.



IMPORTANT SAFETY NOTICE AND WARNING

The California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) requires the Governor of California to publish a list of substances known to the State of California to cause cancer or reproductive harm, and requires businesses to warn customers of potential exposures to such substances.

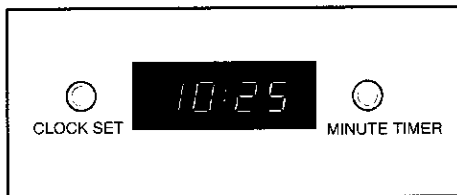
Users of this appliance are hereby warned that the burning of gas can result in low-level exposure to some of the listed substances, including benzene, formaldehyde and soot, due primarily to the incomplete combustion of natural gas or liquid petroleum (LP) fuels. Properly adjusted burners will minimize incomplete combustion. Exposure to these substances can also be minimized by properly venting the burners to the outdoors.

FEATURES

DIGITAL CLOCK AND TIMER, if equipped

If your range is equipped with a digital clock and timer, it will either be *design 1* or *design 2*. Follow the instructions for the illustration that matches the clock on your range.

-DESIGN 1-



88:88 will flash in the display when range is first connected to power or if power is interrupted.

TO SET CLOCK: Press and hold CLOCK SET button while turning MINUTE TIMER knob to the correct time-of-day. MINUTE TIMER knob can be turned in either direction.

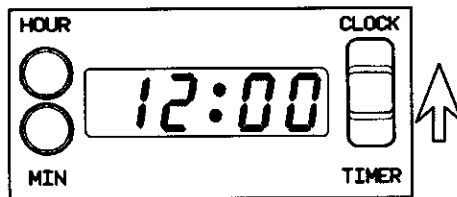
TO SET MINUTE TIMER: Turn MINUTE TIMER knob to the right, to the desired time, up to 60:00 (1 hour). Timer will begin counting down after a few seconds delay. When time has lapsed, a continual beep will sound for up to 2 minutes.

Press CLOCK SET button to stop beep sounds. The correct time-of-day will reappear in the display.

TO CANCEL A TIMING OPERATION: Turn MINUTE TIMER knob to the left, until 00:00 appears in the display. The correct time-of-day will reappear in the display after a few seconds delay.

To check time-of-day during a timing operation, press and hold CLOCK SET button. Time will reappear in the display.

-DESIGN 2-



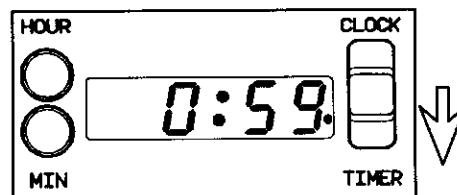
When range is first connected to power or if power is interrupted, 12:00 will flash in the display.

TO SET CLOCK: Slide switch up to CLOCK position.

Press and hold HOUR button until correct hour appears in the display.

Press and hold MIN button until the correct minutes appear in the display.

TO SET MINUTE TIMER: Slide switch down to TIMER position. The timer will automatically begin counting down from 1 hour in increments of one minute.



(0:59) will be displayed as soon as the switch is moved to the TIMER position.)

The timing operation will be cancelled if the switch is moved to the CLOCK position.

TO SET A TIMING OPERATION FOR LESS THAN ONE HOUR: Press and hold MIN button until desired time appears in the display. Timer will immediately begin counting down as soon as the MIN button is released.

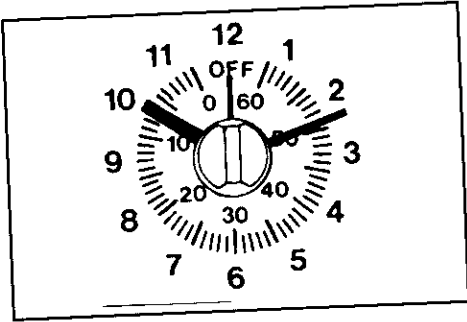
TO SET A TIMING OPERATION FOR MORE THAN ONE HOUR: Press the HOUR button. (1:59 will appear in the display.) Select desired minutes by pressing and holding MIN button. Timing will begin when button is released. Two hours is the maximum timing that can be set.

When time has lapsed, a continual beep will sound. Slide switch to the CLOCK position to stop beeps. Time-of-day will reappear in the display.

TO CANCEL MINUTE TIMER OPERATION OR STOP "END-OF-TIME" BEEPS: Slide switch up to the clock position. Time-of-day will reappear in the display.

FEATURES

ANALOG CLOCK AND TIMER, if equipped



TO SET CLOCK: Push in and turn Minute Minder knob to the correct time-of-day. Be sure Minute Minder hand is on OFF after setting clock.

TO SET MINUTE MINDER: Turn knob in either direction to the desired time. When the buzzer sounds, manually turn the Minder to OFF.

EYE LEVEL OVEN if equipped

The upper oven will either be a conventional oven or a microwave oven.

Do not use the upper oven for cooking items that are too heavy or bulky to handle easily, especially if considerable amounts of hot fat or liquids are involved. Removing such foods from the oven is difficult and can be hazardous.

CONVENTIONAL OVEN:

The size of this oven makes it convenient for cooking smaller quantities of food. However, it does have some limitations. Do not use a large cookie sheet, pan or other utensils which will block air flow in the oven. Use the larger oven for optimum baking results.

MICROWAVE OVEN:

Refer to the separate Use and Care booklet for information on the microwave oven.

FEATURES

CONTINUOUS CLEANING OVEN (if equipped)

WHAT IS THE CONTINUOUS CLEANING OVEN?

The finish of the Continuous Cleaning Oven is identified by its dark gray color, and rough, porous texture. The rough texture prevents grease spatters from forming beads which run down the walls leaving unsightly streaks. Rather, the rough texture absorbs spatters and allows them to spread, thus exposing a larger area to the hot oven air. The catalyst, when exposed to heat, speeds the oxidation of soil.

Cleaning action automatically begins whenever the oven is turned on for baking or roasting. The oven **MUST** be "on" for cleaning to take place. No cleaning will occur when the oven is off. The special catalytic finish must be exposed to hot oven air before soil will begin to gradually reduce in size.

FACTORS AFFECTING LENGTH OF CLEANING TIME

The higher the oven temperature, the faster the cleaning action. The length of cleaning time will depend on these factors: Type of soil, amount or size of soil, oven temperature and length of time oven is in use. Time may vary from a few minutes to several hours. Soil deposited at the end of a cycle may still be visible. This will usually fade with continued oven use until the soil gradually disappears or can be wiped up manually. The oven will appear presentably clean, even though some spatters may be present.

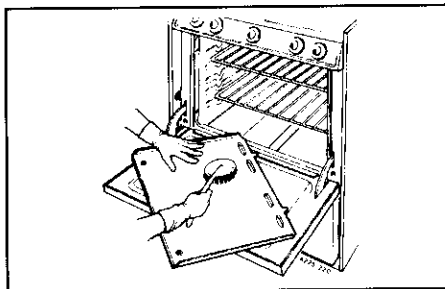
MANUALLY CLEANING HEAVY SPILLOVERS

The special finish will clean most spatters during normal oven use unless there is a heavy buildup of soil. Heavy spillovers such as pie or casserole boilovers will not clean effectively without some manual help. The crusty or varnish-like stains that form from these spillovers clog the pores and prevent the special finish from being exposed to the hot oven air. This greatly reduces the cleaning effectiveness of the finish.

These crusty or varnish-like stains must either be removed or broken up before cleaning can effectively take place.

TO MANUALLY CLEAN HEAVY SPILLOVERS

Brush off heavy soil with a nylon brush or plastic pad. **DO NOT USE** paper towels, cloths or sponges for the oven walls are porous and particles of these materials will rub off on the walls. Rinse area with clear water only.



HINTS

Brittle crusts or stains can be loosened by **GENTLY** tapping stain with a wooden or plastic utensil. Brush away any loose soil that flakes off. Varnish type stains usually need to be softened with a small amount of water or damp cloth. Remaining soil will gradually reduce with continued oven use at normal baking temperatures.

DO NOT USE ANY TYPE OF OVEN CLEANER, POWDERED CLEANSERS, SOAP, DETERGENT OR PASTE ON ANY CONTINUOUS CLEANING SURFACE. ALSO, DO NOT USE ANY ABRASIVE MATERIALS, STEEL WOOL, SHARP INSTRUMENTS OR SCRAPERS FOR THEY WILL DAMAGE THE FINISH.

Avoid spillovers by using utensils that are large enough to hold food. A cookie sheet or piece of aluminum foil, just a little larger than the pan, can be placed on the rack directly below the rack holding the utensil to catch spills.

Over a period of time, wear marks may appear on the embossed rack supports. This is normal and results from sliding the racks in and out of the oven. Wear marks will not affect the cleaning action of the oven.

USING YOUR COOKTOP

IGNITION SYSTEM

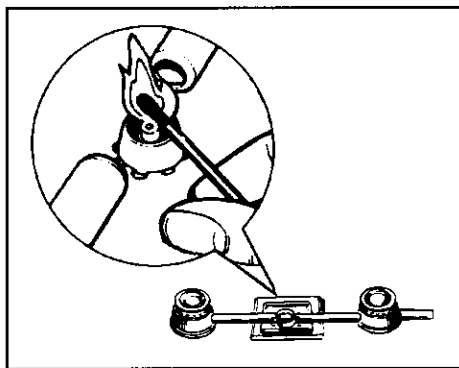
Your range is equipped with either pilot ignition (using a pilot flame to light the burner) or pilotless ignition (using a spark from an ignitor to light the burner).

Be sure all surface controls are set in the OFF position prior to supplying gas to the appliance.

PILOT IGNITION

When the range is first installed, the pilots may be difficult to light due to air in the gas line. To bleed off air from the line, hold a lighted match next to the burner and turn knob on. When the burner lights, turn the knob off and proceed as directed below.

To light pilot: Remove or raise and support cooktop on metal rod, if equipped. Hold lighted match near the pilot ports.



PILOTLESS IGNITION

Ranges featuring pilotless ignition are equipped with ignitors that spark when any surface burner is turned to the LITE position.

Once burner lights, turn knob to the desired setting. The sparking will not stop until the knob is turned from the LITE position.

TO OPERATE SURFACE BURNER WITH PILOTLESS IGNITION DURING A POWER FAILURE:

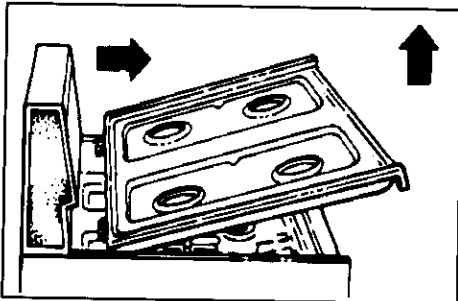
1. Be sure all controls are in the OFF position. Hold a lighted match to the desired surface burner head.
2. Turn knob to LITE. The burner will then light.
3. Adjust the flame to the desired level.

USING YOUR COOKTOP

COOKTOP

To remove cooktop: When cool, first remove grates and drip bowls, if equipped. Grasp two front burner wells and lift up.

Range featuring sealed burners - cooktop is not removable and does not lift up.

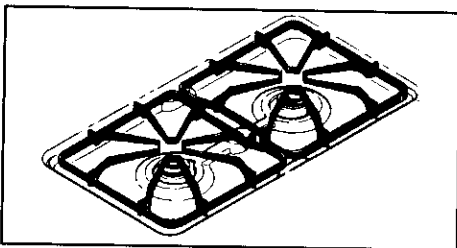


The top can be completely removed or, if equipped with a metal support rod, can rest on the rod. Support rod is located across the front of the burner box.

BURNER GRATES

Burner grates must be properly positioned before cooking. Do not operate burners without a pan on the grate. The porcelain finish may chip without a pan to absorb the intense heat.

When reinstalling square grates, place indented sides together so straight sides are at front and rear.



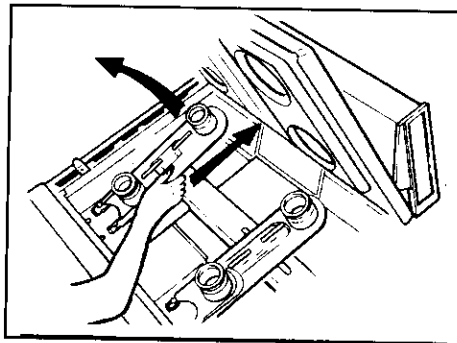
SURFACE BURNERS

Your range will feature one of these three types of surface burners: One piece uniburner, standard single burner or sealed burner. Refer to the separate Use and Care insert for instructions on the sealed burner.

Follow the instructions to the illustration that matches the burners on your range.

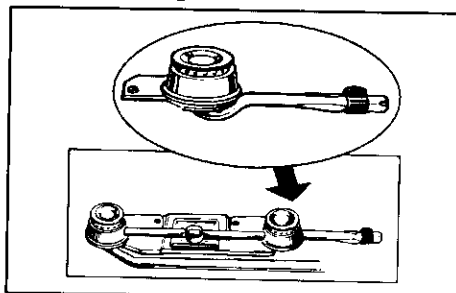
Uniburners and single burners are secured in place during transportation with either a shipping screw or a spring clip. Once the range is installed, these may be removed to allow quick and easy removal of the burner.

One piece uniburner



Allow burner to cool. Lift cooktop. To remove uniburner, lift up slightly and pull out. Under no circumstances are burners to be taken apart for cleaning. Uniburner can be cleaned in the dishwasher. Burner and burner tube must be dry before use.

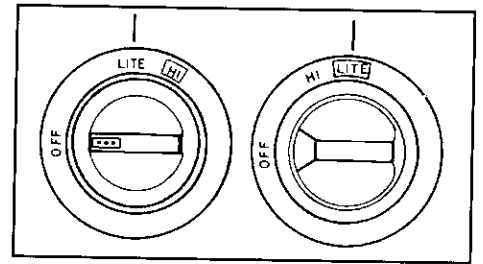
Standard single burner



Remove or support cooktop. Grasp burner head and tilt to release tab from slot near ignitor. Lift up and toward back of cooktop until air shutter end of burner releases from valve.

LIGHTING SURFACE BURNERS

1. Place utensil on burner grate.
2. Push in and turn knob to the LITE position.



On models equipped with pilotless ignition a sparking sound will be heard and the burner will light. When one burner is turned on, **both ignitors** will spark.

3. After the burner lights, turn knob to the desired flame size.

As the burner heats and cools, you may hear sounds of the metal expanding and contracting. This is a normal operating sound of the burner.

If flame should go out during a cooking operation, turn the burner off. **IF GAS HAS ACCUMULATED AND A STRONG GAS ODOR IS DETECTED, WAIT 5 MINUTES FOR THE GAS ODOR TO DISAPPEAR BEFORE RELIGHTING BURNER.**

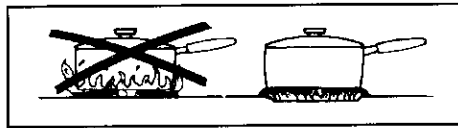
You may hear a "popping" sound on LP gas when the surface burner is turned off. This is a normal operating sound of the burner.

A properly adjusted burner with clean ports will light within a few seconds. On natural gas, the flame will be blue with a deeper blue inner core; there should be no trace of yellow in the flame. A yellow flame indicates an improper mixture of air/gas. This wastes fuel, so have a serviceman adjust the mixture if a yellow flame occurs. On LP gas, some yellow tipping is acceptable. This is normal and adjustment is not necessary.

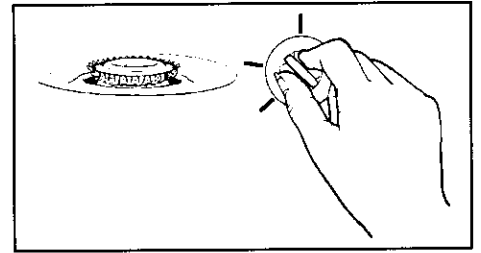
USING YOUR COOKTOP

SELECTING FLAME SIZE

If a knob is turned very quickly from HIGH to LOW setting, the flame may go out, particularly if burner is cold. If this occurs, turn the knob OFF. Wait several seconds, then light again.

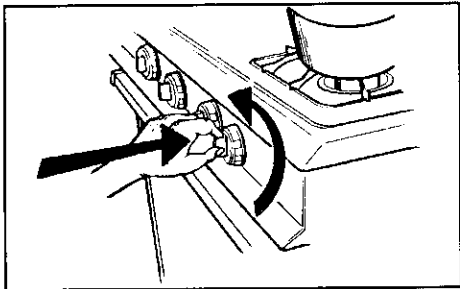


Use HIGH to quickly bring foods to a boil or to begin a cooking operation. Reduce to a lower setting to continue cooking. Never leave food unattended when using a HIGH flame setting.

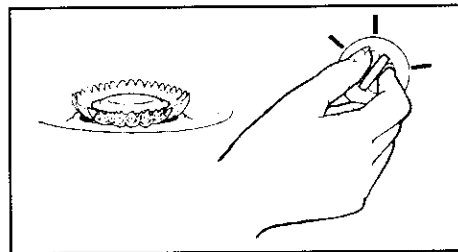


PROPORTIONAL VALVE

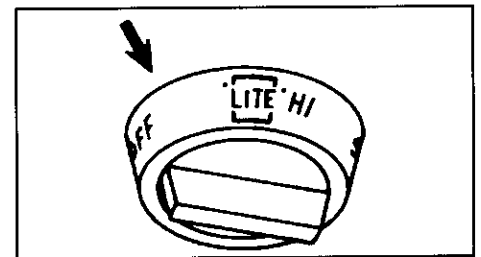
To obtain a lower flame size, turn knob back toward the OFF position until the desired flame size is reached. The lowest flame setting is located adjacent to the OFF position.



Flame should be adjusted so it does not extend beyond the edge of cooking utensil. This is for personal safety and to prevent damage to cabinets above range.

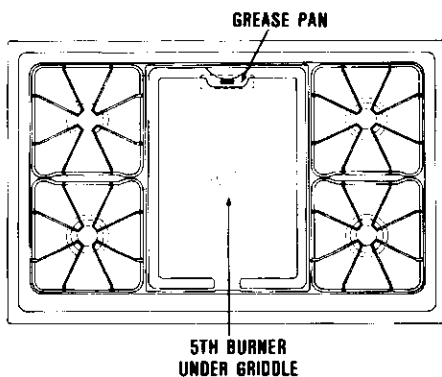


Use LOW to simmer or keep foods at serving temperatures. Some cooking may take place if the utensil is covered.



GRIDDLE AND 5TH BURNER

(36" Range Only)



Before using the griddle for the first time, season it by lightly rubbing the surface with a small amount of unsalted shortening. To prevent damage to the finish, do not use metal utensils, a high flame setting or suddenly change temperatures, such as immersing hot griddle in water.

Remove Griddle Cover:

1. Press down on any corner.
2. Slide fingers under 2 sides of griddle cover and lift off. **DO NOT** pry off with any instrument or tool.

To Use Griddle:

1. Remove griddle cover **BEFORE** turning on griddle burner. Top cover must be removed whenever griddle burner is in use.
2. Be sure grease cup, located under griddle, is in place.
3. Position griddle correctly. For even cooking results, preheat griddle using a low flame setting for about 5 minutes or until the entire cooking surface is heated. Sprinkle a few drops of water over griddle. If properly heated, water will bead and dance. The water will sizzle and steam if griddle is not hot enough.
4. Never replace griddle cover until griddle has cooled completely.

To Clean Griddle:

When griddle is cool, remove and wash in hot soapy water; rinse and dry. Do not wash in the dishwasher. Detergents will completely remove the seasoning.

To Clean Grease Cup:

There is a grease pan located under the griddle burner. This pan should be removed and cleaned as necessary.

FIFTH BURNER

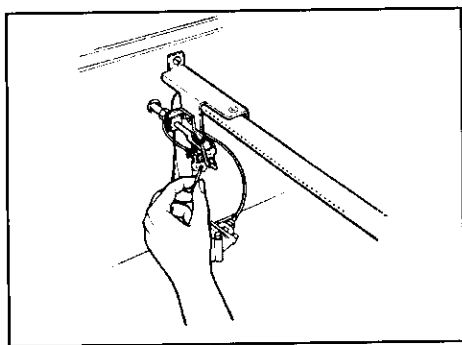
The griddle burner can be used as a fifth surface burner. Merely remove the griddle and replace with extra grate provided.

USING YOUR OVEN

PILOT IGNITION

Be sure oven control is set in the OFF position prior to supplying gas to the appliance.

To light oven pilot: When cool, remove oven racks and oven bottom. With the oven thermostat knob in the OFF position, hold a lighted match to the pilot located at the back end of the oven burner. Once pilot lights, replace oven bottom and racks.



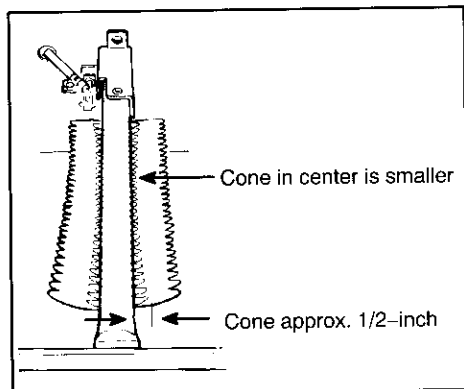
PILOTLESS IGNITION

Glo bar-type ignition

With this type of ignition system, the oven will not operate during a power failure or if unit is disconnected from the wall outlet. No attempt should be made to operate oven during a power failure.

OVEN BURNER

The size and appearance of a properly adjusted oven burner flame should be as shown:

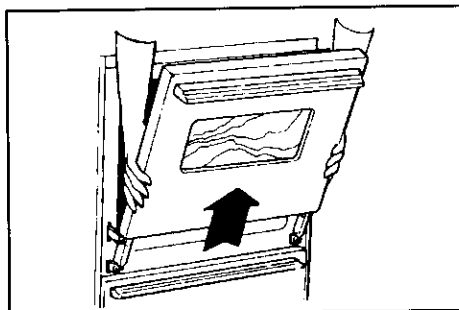


OVEN DOOR

When opening oven door, allow steam and hot air to escape before reaching in oven to check, add or remove food.

Oven door is removable on 30 and 36 inch ranges only. 20 inch range has a non-removable oven door.

To remove door: Open door to the "stop" position (opened about 4 inches) and grasp door with both hands at each side. Do not use door handle to lift door. Lift up evenly until door clears the hinge arms.



CAUTION:

Hinge arms are spring mounted and will slam shut against the range if accidentally hit. **Never place hand or fingers between the hinges and the front oven frame.** You could be injured if hinge snaps back.

To replace door: Grasp door at each side, align slots in the door with the hinge arms and slide door down onto the hinge arms until completely seated on hinges.

Do not attempt to open or close door until door is completely seated on hinge arms. Never turn on oven unless door is properly in place. When baking, be sure door is completely closed. Baking results will be affected if door is not securely closed.

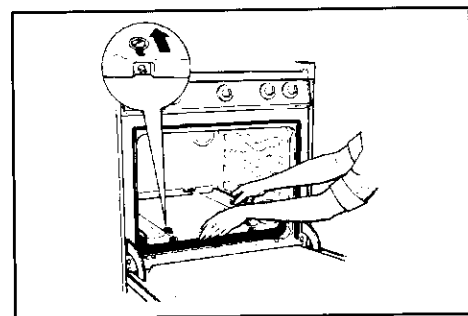
OVEN BOTTOM

Protect oven bottom against excessive spillovers (especially acid or sugary spills). Use the correct size cooking utensil. Placing a sheet of aluminum foil, that is **slightly** larger than the cooking utensil on the rack below the utensil will catch spills.

Your oven will be equipped with one of the following types of oven bottoms. Be sure oven bottom is cool. Remove oven racks.

20 inch range: Loosen the two screws located along the front of the oven bottom. Slide the screws back to release the front of the oven bottom. Grasp oven bottom, lift up and pull forward until rear tabs release. Then, remove oven bottom from oven.

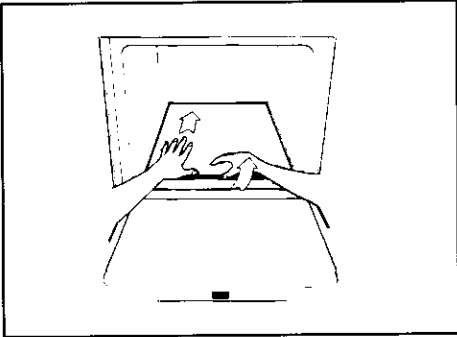
To replace: Insert tabs into slots on the back oven wall. Lower into place. Slide two screws forward and tighten. Be sure bottom is fitted into slots and screws are tight. If not correctly replaced, oven bottom may become warped and cooking results will be affected.



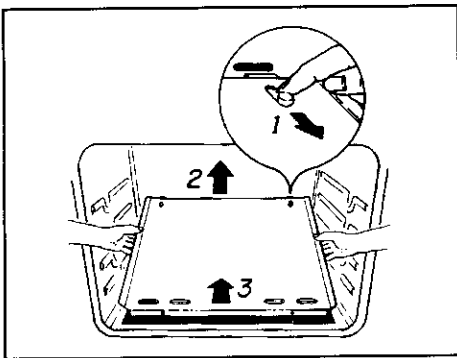
USING YOUR OVEN

36 inch range: Push oven bottom toward back of oven. Lift front end up. Pull toward front of oven and remove.

To replace: Reverse procedure.



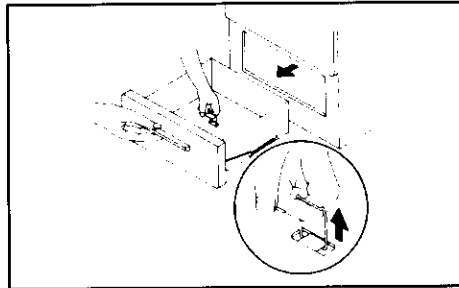
30 inch range: Slide the two catches, located at each rear corner of the oven bottom, toward the front of the oven. Lift the rear edge of the oven bottom slightly, then slide it back until the holes in the front edge of the oven bottom clear the pins in the oven front frame. Remove oven bottom from oven.



To replace: Fit holes onto pins, lower rear of oven bottom and slide the catches back to lock oven bottom into place.

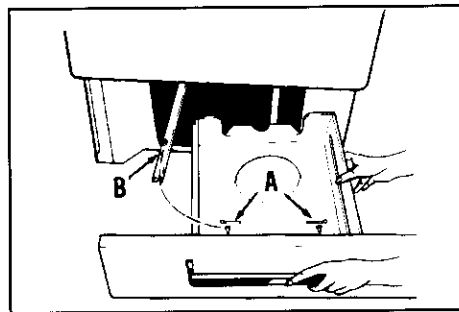
BROILER DRAWER

20 inch range: When broiler is cool, remove broiler insert and pan. Open drawer halfway and pull metal clip located in center of drawer bottom upward as far as it will go (about 2 inches). The drawer can now be pulled all the way out of the compartment.



To replace: Slide grooves at top of drawer onto guide rails at sides of broiler compartment and push drawer in to close.

30 or 36 inch ranges: When broiler is cool, remove broiler insert and pan. Lift and rotate the two levers "A" to the side, pull drawer forward, up and out.



To replace: Line up hooks on drawer slides "B" with holes in drawer and push until hooks are caught. Return levers "A" to locking position.

OVEN RACKS

The two oven racks are designed with a "lock-stop" position to keep racks from accidentally coming completely out of the oven.

To remove: Be sure rack is cool. Pull rack out to the "lock-stop" position. Tilt up and continue pulling until rack releases.

To replace: Place rack on rack supports, tilt up and push toward rear of oven. Pull rack out to "lock-stop" position to be sure rack is correctly replaced.

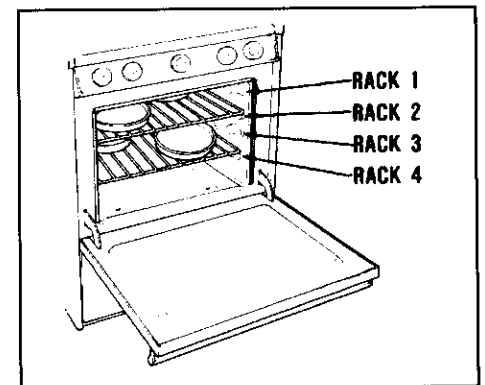
RACK POSITIONS:

RACK 1 (top of oven) used for two-rack baking.

RACK 2 used for one-rack baking or broiling.

RACK 3 used for most one-rack baking and for roasting some meats.

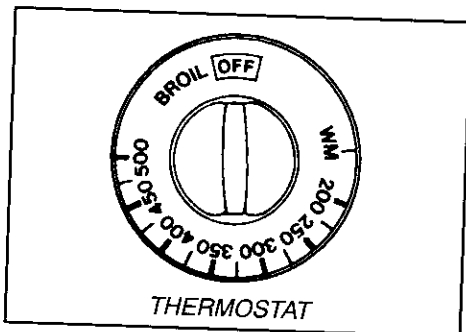
RACK 4 used for roasting large meats, cooking larger foods and for baking angel food cake or pie shells.



USING YOUR OVEN

THERMOSTAT KNOB

The THERMOSTAT knob is used to select and maintain the oven temperature. Always turn this knob just TO the desired temperature not to a higher temperature and then back. On some models, there is an indent at the 350°F setting. Turn this knob to OFF whenever the oven is not in use.



PREHEATING

Preheating is necessary for baking. Allow oven to heat for 10 to 15 minutes before adding food. It is not necessary to preheat oven for roasting.

It is not necessary to preheat for broiling unless darker browning is desired or if cooking thin (3/4-inch) steaks. Allow burner to preheat 3 to 5 minutes.

Selecting temperature higher than desired will NOT preheat the oven any faster. Preheating at a higher temperature may have a negative effect on baking results.

The oven temperature is maintained by cycling the burner on and off. After the oven temperature has been set, there will be about a 45 second delay before the burner ignites. This is normal, and no gas escapes during this delay.

HINTS:

For optimum baking results of cakes, cookies or biscuits, use one rack. Position rack so food is in the center of the oven. Allow 2 inches between edge of utensil and the oven sides or adjacent utensils.

NEVER place pans directly on the oven bottom. Do not cover entire rack with aluminum foil. Do not place foil directly on oven bottom or place foil directly under utensil. To catch spillovers, cut a piece of foil a little larger than the pan and place it on the rack below the rack containing the utensil.

If cooking on two racks, stagger pans so one is not directly over the other. Use rack positions 2 and 4, or 1 and 3, depending on baking results, when cooking on two racks.

OVEN CHARACTERISTICS

Every oven has its own characteristics. You may find that the cooking times and temperatures you were accustomed to with your previous range may need to be altered slightly with your new range. Please expect some differences with this new range.

HOW TO SET OVEN:

1. Place rack in correct position.
2. Turn thermostat knob to desired temperature setting for baking or roasting. Turn to BROIL for a broil operation.
3. Preheat oven for baking operations or if called for in the recipe.
4. Check food for doneness at minimum time in recipe. Cook longer if necessary.
5. Turn thermostat knob to OFF and remove food from the oven.

USING YOUR OVEN

COMMON BAKING PROBLEMS AND WHY THEY HAPPEN

PROBLEM	CAUSE	PROBLEM	CAUSE
<i>Cakes are uneven.</i>	Pans touching each other or oven walls. Batter uneven in pans. Temperature set too low or baking time too short. Oven not level. Undermixing. Too much liquid.	<i>Cakes don't brown on top.</i>	Incorrect rack position. Temperature set too low. Overmixing. Too much liquid. Pan size too large or too little batter in pan. Oven door opened too often.
<i>Cake high in middle.</i>	Temperature set too high. Baking time too long. Overmixing. Too much flour. Pans touching each other or oven walls. Incorrect rack position.	<i>Excessive shrinkage.</i>	Too little leavening. Overmixing. Pan too large. Temperature set too high. Baking time too long. Pans too close to each other or oven walls.
<i>Cake falls.</i>	Too much shortening or sugar. Too much or too little liquid. Temperature set too low. Old or too little baking powder. Pan too small. Oven door opened frequently. Added incorrect type of oil to cake mix. Added additional ingredients to cake mix or recipe.	<i>Uneven texture.</i>	Too much liquid. Undermixing. Temperature set too low. Baking time too short.
<i>Cakes, cookies, biscuits don't brown evenly.</i>	Incorrect rack position. Oven door not closed properly. Door gasket not sealing properly. Incorrect use of aluminum foil. Oven not preheated. Pans darkened, dented or warped.	<i>Cakes have tunnels.</i>	Not enough shortening. Too much baking powder. Overmixing or at too high a speed. Temperature set too high.
		<i>Cakes crack on top.</i>	Batter overmixed. Temperature set too high. Too much leavening. Incorrect rack position.
		<i>Cake not done in middle.</i>	Temperature set too high. Pan too small. Baking time too short.
			If additional ingredients were added to mix or recipe, expect cooking time to increase.
<i>Cakes, cookies, biscuits too brown on bottom.</i>	Oven not preheated. Pans touching each other or oven walls. Incorrect rack position. Incorrect use of aluminum foil. Placed 2 cookie sheets on one rack. Used glass, darkened, stained, warped or dull finish metal pans. (Use a shiny cookie sheet.)	<i>Pie crust edges too brown.</i>	Temperature set too high. Pans touching each other or oven walls. Edges of crust too thin.
		<i>Pies don't brown on bottom.</i>	Used shiny metal pans. Temperature set too low.
		<i>Pies have soaked crust.</i>	Temperature too low at start of baking. Filling too juicy. Used shiny metal pans.
			For optimum results, bake on one rack. If baking cakes on two racks, stagger pans so one is not directly over another.
			Follow cookware manufacturer's instructions for oven temperature. Glassware and dark cookware such as Ecco's Baker's Secret require lowering the oven temperature by 25° F.

USING YOUR OVEN

BROILING HINTS

Broiling is a method of cooking tender foods by direct heat under the burner. The cooking time is determined by the distance between the meat and the burner, the desired degree of doneness and the thickness of the meat.

Broiling requires the use of the broiler pan and insert. The correct position of the insert in the pan is very important. The broiler insert should be placed in the pan so grease will drain freely. Improper use may cause grease fires.

The broiler insert CANNOT be covered with aluminum foil as this prevents fat from draining into pan below. However, for easier cleaning, the broiler pan can be lined with foil. Do not use disposable

broiler pans. They do not provide a separate tray.

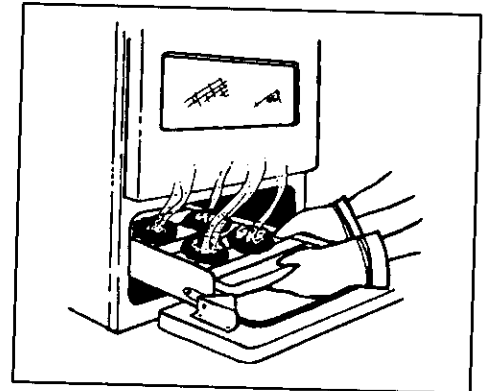
Prepare meat by removing excess fat and slashing remaining fat, being careful not to cut into meat. This will help keep meat from curling.

Place broiler pan on the recommended rack position. For brown exterior and rare interior, the meat should be close to the burner. Place further down if you wish meat well done. Excessive smoking may occur if meat is placed too close to the oven burner.

NOTE: Below are recommended rack positions. Remember, the closer to the flame, the quicker the food cooks. When

broiling is completed, remove broiler pan from compartment. Grease left in the pan can catch fire if the oven is used without removing the broiler pan.

Broiling is done in the lower broiler compartment.



BROILING CHART

TYPE OF FOOD	RACK POSITION*	DONENESS	TOTAL TIME
STEAKS 1-inch	2	140°F rare	8 to 12 min.
	2	160°F medium	12 to 16 min.
	2	170°F well done	16 to 22 min.
1 1/2-inches	2	140°F rare	14 to 18 min.
	2	160°F medium	18 to 22 min.
	2	170°F well done	22 to 30 min.
HAMBURGER PATTIES 3/4 to 1-inch	2	140°F rare	10 to 12 min.
	2	160°F medium	12 to 14 min.
	2	170°F well done	14 to 18 min.
CHICKEN HALVES**	3	185°F well done	40 to 50 min.
FISH FILLETS, fresh or thawed 1-inch	2	flaky	14 to 20 min.
HAM SLICE, precooked 1/2-inch	2	140°F	8 to 15 min.
BACON	2	crisp	5 to 10 min.
PORK CHOPS 1/2-inch	2	170°F well done	15 to 20 min.

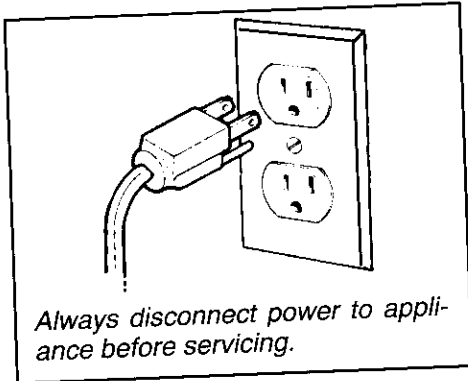
* Rack 1 is the top rack position.

** Turn thermostat to 450°F.

MAINTENANCE

ELECTRICAL CONNECTION

Appliances which require electrical power are equipped with a three-prong grounding plug which must be plugged directly into a properly grounded three-hole 120 volt electrical outlet.



If an ungrounded, two-hole or other type electrical outlet is encountered, IT IS THE PERSONAL RESPONSIBILITY OF THE APPLIANCE OWNER TO HAVE RECEPTACLE REPLACED WITH A PROPERLY GROUNDED THREE HOLE ELECTRICAL OUTLET. The three-prong grounding plug is provided for protection against shock hazards. DO NOT CUT OR REMOVE THE THIRD GROUNDING PRONG FROM THE POWER CORD PLUG.

HOW TO REMOVE RANGE FOR CLEANING AND SERVICING

Follow these procedures to remove appliance for cleaning or servicing:

1. Shut-off gas supply to appliance.
2. Disconnect electrical supply to appliance, if equipped.
3. Disconnect gas supply tubing to appliance.
4. Slide range forward to disengage range from the anti-tip bracket. (See Installation Instructions for location of bracket.)
5. Reverse procedure to reinstall. If gas line has been disconnected, check

for gas leaks after reconnection. (See Installation Instructions for gas leak test method.)

NOTE: A qualified servicer should disconnect and reconnect the gas supply.

To prevent range from accidentally tipping, range must be secured to the floor by sliding rear leveling leg into an anti-tip bracket supplied with the range.

WARNING: Possible risks may result from abnormal usage, including excessive loading of the oven door and of the risk of tip over, should the appliance not be reinstalled according to the installation instructions.

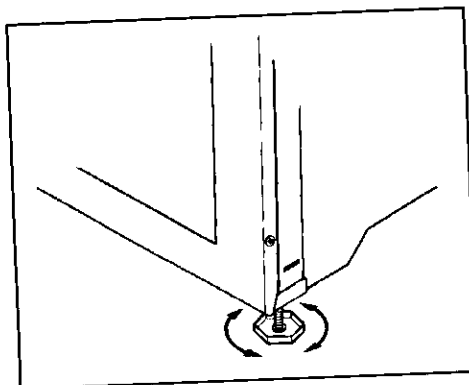
LIGHT REPLACEMENT

Before replacing oven light bulb, DISCONNECT POWER TO RANGE. Be sure bulb and range parts are cool. Do not touch a hot bulb with a damp cloth as the bulb may break.

To replace oven light: Use a dry pot holder, to prevent possible harm to hands; **very carefully** remove bulb. Replace with a 40 watt APPLIANCE bulb. Reconnect power to the range.

LEVELING LEGS

Some floors are not level. For proper baking, your range must be level. Leveling legs are located on each corner of the base of the range. Place a level horizontally on an oven rack and check front-to-back and side-to-side. Level by turning the legs.



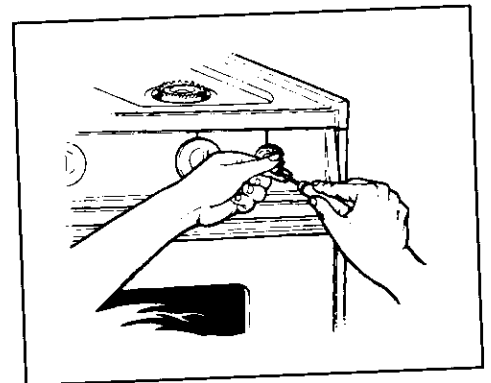
ANTI-TIP BRACKET

To prevent range from accidentally tipping, range should be secured to the floor by sliding rear leveling leg into an anti-tip bracket supplied with the range.

PROPORTIONAL VALVE ADJUSTMENT (if equipped)

The LOW setting should produce a stable flame when turning the knob from HI to LOW. The flame should be 1/8 inch or lower and must be stable on all ports on LOW setting.

To adjust: Operate burner on HI for about 5 minutes to preheat burner cap. Turn knob back to LOW; remove knob, and insert a small screwdriver into the center of the valve stem. Adjust flame size by turning adjustment screw in either direction. Flame must be of sufficient size to be stable on all burner ports. If flame adjustment is needed, adjust **ONLY** on the LOW setting. Never adjust flame size on a higher setting.



NOTE: All gas adjustments should be done by a qualified servicer only.

CARE AND CLEANING

PARTS	CLEANING AGENTS	DIRECTIONS Be sure all parts are cool before cleaning. Be sure all parts are properly replaced after cleaning.
Baked Enamel Side panels Backguard Oven door Broiler drawer	Soap & water. Paste of baking soda & water.	Use a dry towel or cloth to wipe up spills, especially acid spills, as soon as they occur. (This is especially important for white surfaces.) When surface is cool, wash with soap and water. Do not use abrasive or harsh cleaning liquids and powders or oven cleaners. These will scratch and permanently damage the finish. Dry with a soft cloth.
Broiler pan & insert	Soap & water. Plastic scouring pad. Soap filled scouring pad.	Remove from oven after use. Cool then pour off grease. Place soapy cloth over insert and pan, let soak to loosen soil. Wash in warm soapy water. Use soap filled scouring pad to remove stubborn soil. Clean in dishwasher if desired.
Burner box	Soap & water.	Burner box, located under lift-up cooktop, should be cleaned frequently to remove spillovers. If soil is not removed and is allowed to accumulate, it may damage the finish. To clean, remove surface burners and clean with soap and water, rinse and dry. NOTE: Cooktop on sealed burner models do not lift up.
Chrome drip bowls, if equipped	Soap & water. Paste of baking soda & water. Plastic scouring pad.	Clean bowls after each use with soap and water. Remove stubborn stains with baking soda paste and plastic scouring pad. To prevent scratching the finish, do not use abrasive cleaning agents. Rinse, dry and replace. NOTE: Bowls can permanently discolor if exposed to excessive heat or if soil is allowed to bake on.
Control knobs	Soap & water.	To remove knobs for cleaning, gently pull forward. Wash in mild detergent and water. Do not use abrasive cleaning agents. They will scratch finish and remove markings. Rinse, dry and replace. Turn each burner ON to see if knobs have been replaced correctly.
Glass Backguard Oven window	Soap & water. Paste of baking soda & water. Window cleaning fluid.	Wash with soap and water. Remove stubborn soil with paste of baking soda and water. To avoid inside staining of oven door glass, do not oversaturate cloth. Do not use abrasive materials such as scouring pads, steel wool or powdered cleaning agents. They will damage glass. Rinse with clear water and dry.
Grates	Paste of baking soda and water, scouring powder, detergent & water. Soap filled scouring pad.	Grates are made of porcelain coated steel. They can be cleaned at the sink with detergent and water or in the dishwasher. Clean stubborn soil with soap filled scouring pad.
Metal finishes Backguard Trim parts Manifold panel	Soap & water. Paste of baking soda & water.	Wash with soap and water. Remove stubborn soil with paste of baking soda and water. Do not use oven cleaners, abrasive or caustic agents. They will damage the finish.
Oven racks	Soap & water. Cleansing powders & plastic pads. Soap filled scouring pad.	Clean with soapy water. Remove stubborn soil with cleansing powder or soap filled scouring pad. Rinse and dry.
Plastic or vinyl finishes Door handles Backguard trim Overlays Knobs End caps	Soap & water. Paste of baking soda & water. Non-abrasive plastic pad or sponge.	Never use oven cleaners, abrasive or caustic liquid or powdered cleaning agents on plastic finishes. These cleaning agents will scratch or mar finish. To prevent staining or discoloration, wipe up fat, grease or acid (tomato, lemon, vinegar, milk, fruit juice, marinade) immediately with a dry paper towel or cloth. When surface is cool, clean with soap and water, rinse, and dry.
Porcelain finish Cooktop	Soap & water. Paste of baking soda & water. Non-abrasive plastic pad or sponge.	Porcelain enamel is glass fused on metal. It may crack or chip with misuse. Clean with soap and water when parts are cool. All spillovers, especially acid or sugar spillovers, should be wiped up immediately with a dry cloth. Surface may discolor or dull if soil is not removed. When surface is cool, clean with warm soapy water. NEVER WIPE OFF A WARM OR HOT ENAMEL SURFACE WITH A DAMP CLOTH. THIS MAY CAUSE CRACKING AND CHIPPING. Never use abrasive or caustic cleaning agents on exterior finish of range.
Porcelain finish interior (See page 6 for continuous clean oven instructions)	Soap & water. Cleansing powders & plastic pads. Commercial oven cleaner.	Clean oven interior with soap and water. Use cleansing powders or a plastic scouring pad to remove stubborn soil. Wipe acid or sugar stains as soon as the oven is cool as these stains may discolor or etch the porcelain. Do not use metallic scouring pads as they will scratch the porcelain. Commercial oven cleaners can NOT be used on the Continuous Cleaning oven finish. Oven cleaners can be used on the porcelain oven but follow manufacturer's directions.
Silicone rubber Door gasket	Soap & water.	Door gasket is located on oven frame. Wash with soap and water, rinse and dry. Do not remove door gasket.
Surface burners Uniburner, Single burner	Soap & water. Paste of baking soda & water. Plastic scouring sponge or pad.	Clean as necessary with warm soapy water. Remove stubborn soil by scouring with a non-abrasive plastic scouring pad and a paste of baking soda and water. Clean ports with a straight pin. Do not enlarge or distort the ports. Do not use a wooden toothpick. It may break off and clog port. DO NOT CLEAN BURNERS WITH THE FOLLOWING caustic cleaners: oven cleaners, steel wool or abrasive cleaning agents. These may damage finish. Burners can be dried in the oven set at 140°F. CAUTION: Burner and burner tube must be dry before use.

SERVICE

BEFORE CALLING A SERVICE TECHNICIAN, CHECK THE FOLLOWING:

PROBLEM	CAUSE	CORRECTION
1. Surface burner fails to light	<ul style="list-style-type: none"> a. pilots are not lit (pilot ignition) b. power supply not connected (pilotless ignition) c. clogged burner port(s) d. burners not placed correctly onto gas valve 	<ul style="list-style-type: none"> a. see page 7 to light pilots b. connect power, check circuit breaker or fuse box c. clean ports with straight pin d. remove and reinstall burner properly
2. Burner flame uneven	<ul style="list-style-type: none"> a. clogged burner port(s) b. burner not properly positioned 	<ul style="list-style-type: none"> a. clean ports with straight pin b. see page 8 to correctly replace burner
3. Surface burner flame <ul style="list-style-type: none"> • lifts off port • yellow in color 	<ul style="list-style-type: none"> a. air/gas mixture not proper 	<ul style="list-style-type: none"> a. call serviceman to adjust burner
4. Oven burner fails to light	<ul style="list-style-type: none"> a. power supply not connected (pilotless ignition) b. pilot is out (pilot ignition) c. power failure (pilotless ignition) 	<ul style="list-style-type: none"> a. connect power, check circuit breaker or fuse box b. see page 10 to light pilots c. glo-bar ignition system, see page 10
5. Oven temperature inaccurate <ul style="list-style-type: none"> • food takes too long or cooks too fast • pale browning • food over-done on outside and under-done in center • over browning 	<ul style="list-style-type: none"> a. oven not preheated b. incorrect rack position c. incorrect use of aluminum foil d. oven bottom incorrectly replaced e. oven thermostat sensing device out of holding clip(s) 	<ul style="list-style-type: none"> a. preheat oven 3 to 5 minutes b. see page 11 c. see page 12 d. replace oven bottom correctly e. reinstall sensing device securely into clip(s) See Problem Chart on page 13.
6. Clock and/or oven light does not work	<ul style="list-style-type: none"> a. power supply not connected (pilotless ignition) b. burned out light bulb c. malfunctioning switch, starter or ballast d. malfunctioning clock or loose wiring 	<ul style="list-style-type: none"> a. connect power supply, check circuit breaker or fuse box b. replace light bulb c. call serviceman to check d. call serviceman to check

SERVICING

Electrical supply, if equipped, must be disconnected from the wall outlet before servicing appliance. Do not repair or replace any part of your range unless specifically recommended in this manual. All other servicing should be referred to a qualified technician.

HOW TO OBTAIN SERVICE

When your appliance requires service or replacement parts, contact your Dealer or Authorized Servicer. Use only genuine factory or Maycor parts if replacement parts are necessary. Consult the Yellow Pages in your telephone directory under appliance for the service center nearest you. Be sure to include your name, address, and phone number, along with the model and serial

numbers of the appliance. (See front cover for location of your model and serial numbers.)

If you are unable to obtain service, write to us. Our address is found on the rating plate. See front cover for location of rating plate.

If you are not satisfied with the local response to your service requirements, call or write MAYCOR Appliance Parts and Service Company, 240 Edwards Street, S.E., Cleveland, TN 37311, (615) 472-3500. Include or have available the complete model and serial numbers of the appliance, the name and address of the dealer from whom you purchased the appliance, the date of purchase and details concerning your problem.

If you did not receive satisfactory service through your servicer or Maycor you may contact the Major Appliance Consumer Action Panel by letter including your name, address, and telephone number, as well as the model and serial numbers of the appliance.

Major Appliance Consumer Action Panel
20 North Wacker Drive
Chicago, IL 60606

MACAP (Major Appliance Consumer Action Panel) is an independent agency sponsored by three trade associations as a court of appeals on consumer complaints which have not been resolved satisfactorily within a reasonable period of time.

FULL ONE-YEAR WARRANTY

DOMESTIC GAS OR ELECTRIC RANGE

Maycor Appliance Parts & Service Company will repair or replace, without charge, any part of your product which has a defect in material or workmanship during the first year after the date of the original installation. This warranty extends to any owner during the one-year warranty period.

LIMITED 5 YEAR WARRANTY

On electric ranges equipped with solid disc or smoothtop heating elements, and on gas ranges with sealed burners, for an additional 4 year period beyond the first year of the general coverage of this warranty, Maycor will replace any of the solid disc or smoothtop heating elements, or sealed burners which fail to heat as a result of defective workmanship or material. Additionally, Maycor will replace any smoothtop cooking surface which cracks or breaks during normal household cooking. These parts must be installed by a qualified person. Any labor charge required for replacement is not covered by this warranty.

HOW TO OBTAIN SERVICE

To obtain the repair or replacement of a defective part under these warranties, you should contact the dealer from whom you purchased the appliance or a servicer he designates.

WHAT IS NOT COVERED BY THESE WARRANTIES

1. Conditions and damage resulting from improper installation, delivery, unauthorized repair, modification, or damage not attributable to a defect in material or workmanship.
2. Conditions resulting from damage, such as: (1) improper maintenance, (b) misuse, abuse, accident, or (c) incorrect electrical current or voltage.
3. Warranties are void if the original serial number has been removed, altered, or cannot be readily determined.
4. Light bulbs.
5. Any product used for other than normal household use. It does not extend to products purchased for commercial or industrial use.
6. Any expense incurred for service calls to correct installation errors or to instruct you on how to use the products.
7. CONSEQUENTIAL OR INCIDENTAL DAMAGES SUSTAINED BY ANY PERSON AS A RESULT OF ANY BREACH OF THESE WARRANTIES OR ANY IMPLIED WARRANTY. Some states do not allow the exclusion or limitation of consequential or incidental damages, so the above exclusion may not apply to you.

ADDITIONAL HELP

If you are not satisfied with the local response to your service requirements and wish to contact Maycor, please address your letter to the Customer Relations Department, Maycor Parts & Service Company, 240 Edwards Street, S.E., Cleveland, TN 37311 or call (615) 472-3500. To save time, your letter should include the complete model and serial numbers of the warranted appliance, the name and address of the dealer from whom you purchased the appliance, the date of purchase and details concerning your problem.

These warranties are the only written or expressed warranties given by Maycor. No one is authorized to increase, alter, or enlarge Maycor's responsibilities or obligations under these warranties. These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

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