

JENN-AIR

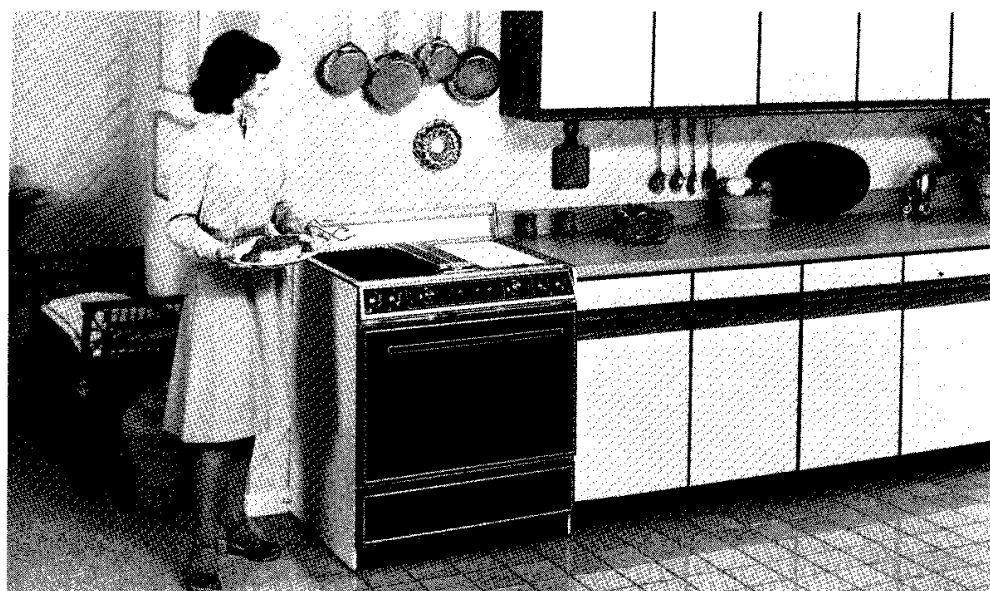


Use and Care Manual

Grill-Range with Self-Cleaning

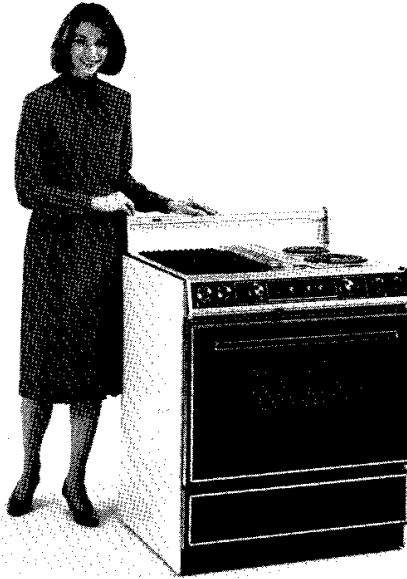
Oven

MODEL S105





About Your Jenn-Air



Your Jenn-Air Grill-Range offers new vistas in food preparation. The countertop grilling of meats, fish or fowl is one of the most attractive and succulent methods of preparing these foods. . . a unique flexibility made possible by Jenn-Air's patented integral ventilation system.

Your Jenn-Air oven is also a fine full featured "bake and broil" oven.

Since this manual explains how you can obtain the best use of your Jenn-Air, *it is essential that you follow the instructions carefully.* This will enable you to fully enjoy and properly maintain your Jenn-Air and will also assure you of achieving the finest cooking results with the foods you prepare. . . year after year.

Should you have any questions about using your Jenn-Air appliance, write to us. Be sure to provide the model number of your appliance.

Consumer Services Department
Jenn-Air Corporation
3035 Shadeland Avenue
Indianapolis, IN 46226



Index

Using the Cooktop and Grill

Accessories	Installing	17
	Griddle	23
	Optional	42-43
	Other Range Parts	22
Cleaning		
Conventional Coil		
Cooktop Cartridge	Cleaning	13
	Installing, Removing	11
	Usage and Utensil Selection	12
Cooktop and Grill Controls		8
Glass-Ceramic		
Cooktop Cartridge	Cleaning	15-16
	Installing, Removing	11
	Usage and Utensil Selection	14, 16
Grill	Cleaning	21
	Installing	17
	Usage and Grilling Tips	18-20
Home Canning		13
Lighted Backsplash		38
Surface Controls		10
Ventilation System	Operation and Cleaning	9

Using the Oven

Baking	General Recommendations	28-29
Broiling		32-33
Cleaning	Self-Cleaning Process	34-37
	Other Cleaning Tips	38-39
Clock Control		26
Light Bulb Replacement		38
Oven Controls and Operation		24-25
Rack Positions		27
Roasting	General Recommendations	30-31

Appliance Usage

Safety Tips	5-7
Service Tips	40-41
Warranty	44



IMPORTANT INFORMATION

MODEL NUMBER _____

SERIAL NUMBER _____

(Numbers appear on the serial plate on the oven front frame.)

Date Purchased _____

JENN-AIR DEALER FROM WHOM PURCHASED

ADDRESS _____

CITY _____

PHONE _____

AUTHORIZED JENN-AIR SERVICE CONTRACTOR

ADDRESS _____

CITY _____

PHONE _____

IMPORTANT: Retain proof of purchase documents for warranty service



SAFETY PRECAUTIONS

Read before operating your range

All appliances — regardless of the manufacturer — have the potential through improper or careless use to create safety problems. Therefore the following safety precautions should be observed:

1. Be sure your appliance is properly installed and grounded by a qualified technician.
2. Never use your appliance for warming or heating the room.
3. Children should not be left alone or unattended in area where appliance is in use. They should never be allowed to sit or stand on any part of the appliance.
4. Wear proper apparel. Loose-fitting or hanging garments should never be worn while using the appliance.
5. Do not repair or replace any part of the appliance unless specifically recommended in the manual. All other servicing should be referred to an authorized Jenn-Air Service Contractor.

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6. Flammable materials should not be stored in an oven or near surface units.
 7. Do not use water on grease fires. Smother fire or flame or use dry chemical or foam-type extinguisher.
 8. Use only dry potholders. Moist or damp potholders on hot surfaces may result in burns from steam. Do not let potholder touch hot heating elements. Do not use a towel or other bulky cloth.
 9. Use proper pan size. Many appliances are equipped with one or more surface units of different size. Select utensils having flat bottoms large enough to cover the surface unit heating element. The use of undersized utensils will expose a portion of the heating element to direct contact and may result in ignition of clothing. Proper relationship of utensil to heating element will also improve efficiency.
 10. Never leave surface units unattended at high heat settings. Boil over causes smoking and greasy spillovers that may ignite.
 11. On conventional element ranges make sure that drip pans are in place. Absence of these pans during cooking may subject wiring or components underneath to damage.
 12. Do not use aluminum foil to line surface unit drip pans, grill basin or oven bottom. Installation of these liners may result in an electric shock or fire hazard.
 13. Glazed cooking utensils — only certain types of glass, glass-ceramic, ceramic, earthenware, or other glazed utensils are suitable for range top surface without breaking due to the sudden change in temperature. Use only such utensils as you know have been approved for this purpose.
 14. Utensil handles should be turned inward and not extend over adjacent surface heating elements to avoid burns, ignition of flammable materials and spillage due to unintentional contact with the utensil.
 15. Do not soak or immerse removable heating elements in water.
 16. CAUTION — Do not store items of interest to children in cabinets above a range or on the backguard of a range — children climbing on the range to reach items could be seriously injured.
 17. Do not touch surface units or areas near units, heating elements or interior surfaces of oven. Surface units or heating elements may be hot even though they are dark in

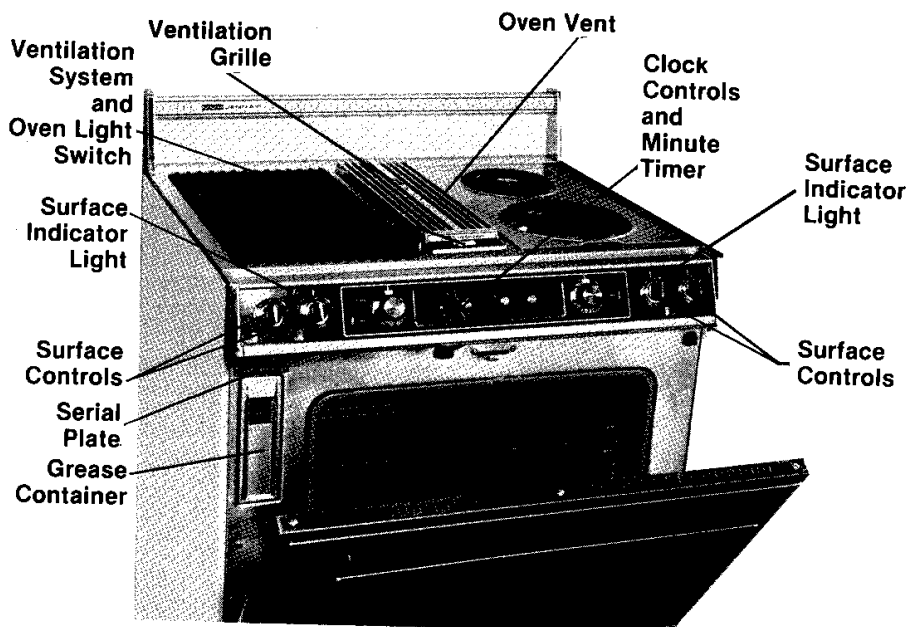
color. Areas near surface units and interior surfaces of an oven may become hot enough to cause burns. During and after use, do not touch or let clothing or other flammable materials contact these areas until they have had sufficient time to cool. Other surfaces may become hot enough to cause burns — among these surfaces are the cooktop, the upper door frame and glass, oven vent opening and surfaces near the opening, and the top edge of the control panel.

18. Use care when opening door. Let hot air or steam escape before removing or replacing food.
19. Do not heat unopened food containers. Build-up of pressure may cause container to burst and result in injury.
20. Keep oven vent ducts unobstructed.
21. 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.
22. 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.
23. 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.
24. Clean only parts listed in this manual and use procedures recommended.
25. Before self-cleaning the oven, remove broiler pan and other utensils.
26. Listen for fan. A fan noise should be heard during the cleaning cycle. If not, call a serviceman before self-cleaning again.
27. Do not cook on glass-ceramic cooking surface if the cooktop is broken. Cleaning solutions and spillovers may penetrate the broken cooktop and create a shock hazard. Contact an authorized Jenn-Air Service Contractor.
28. Clean glass-ceramic cooktops with caution. If wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burns. Some cleansers can produce noxious fumes if applied to a hot surface.
29. Do not operate with damaged cooking element after any product malfunction until proper repair has been made.
30. Keep all switches "OFF" when unit is not in use.



Cooktop and Grill Operation

Cooktop and Grill Controls



Ventilation System and Oven Light Switch

- Use to turn on ventilation system or oven light manually. (See page 9.)

Surface Indicator Light

- Will glow when a surface unit is on. (See page 10.)

Surface Controls

- Use to provide variable heat to cooktop heating elements or grill element. (See page 10.)

Clock Controls and Minute Timer

- Features time of day, MINUTE TIMER and oven clock controls. (See page 26.)

Grease Container

- Collects grease when grilling or using other accessories; or spillovers when using conventional coil cartridge. (See page 21.)

NOTE: For information on oven controls, see pages 24-25.



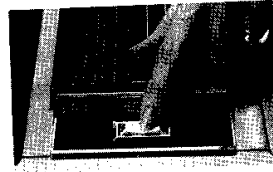
Ventilation System

The built-in ventilation system removes cooking vapors, odors and smoke from foods prepared on the cooktop, grill and grill accessories.

Regular use of this system will insure a more comfortable and less humid kitchen which is free of heavy cooking odors and fumes that normally create a frequent need for cleaning and redecorating.

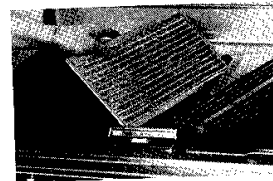
Using the Ventilation System

- To operate the ventilation system manually, push the fan symbol on the three position VENTILATION AND OVEN LIGHT SWITCH located in front of the ventilation grille. To turn the fan off, push the switch to the middle position. If the light symbol is pushed, the oven light will be turned on.
- The ventilation system will operate *automatically* when the grill element is in use.
- Besides using the ventilation system to remove cooking vapors and fumes, it can be used to cool baked pies, cakes or hot utensils. To cool an item, set it on the ventilation grille and turn on the fan. The air being pulled over the item will quickly cool it. Be careful not to cover the oven vent or the entire ventilation grille.
- The fan can be used to remove strong odors from the kitchen as when chopping onions near the fan.



Cleaning the Ventilation System

Ventilation Grille: The surface grille lifts off easily. Wipe clean or wash in sink with mild household detergents. May be cleaned in dishwasher. NOTE: The oven vent is located under the grille. When using or cleaning the oven, hot and moist air may be noticed in this area. Be careful not to spill anything into this vent.



Filter: Turn off ventilation system before removing. The filter is a permanent type and should be cleaned when soiled. Clean in sink with warm water and liquid dishwashing detergent or in dishwasher.

IMPORTANT: Filter should always be placed at an angle. As you face the front of the range, the top of the filter should rest against the left side of the vent opening and the bottom of the filter should rest against the right side of the ventilation chamber at the bottom. *DO NOT OPERATE SYSTEM WITHOUT FILTER.*

Ventilation Chamber: This area, which houses the filter, should be cleaned in the event of spills or whenever it becomes coated with a film of grease. May be cleaned with paper towel, damp cloth or sponge and mild household detergent.

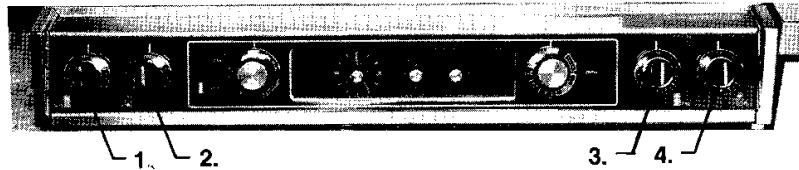


Surface Controls

The variable heat controls for the cooktop cartridges and grill element provide flexibility in heat setting selection.

To Set Controls

- Since the controls are a push-turn type, they must be pushed down before turning. To set (from the OFF position), push down on control knob and turn in either direction to desired heat setting.
- When control is in any position, other than OFF, it may be turned in any direction without pushing down.
- A red indicator light will glow when a surface heating element is ON. There are two indicator lights, one for the heating elements on the left side of the range, one for the heating elements on the right side of the range.



Control Locations

1. Left rear heating element or grill
2. Left front heating element
3. Right front heating element or grill
4. Right rear heating element

Suggested Control Settings

The size and type of utensils and the amount and type of food being cooked will influence the setting needed for best cooking results. Electrical voltage may also vary; this will affect the needed control setting. The setting indicated should serve as a guide while you become familiar with your range.

- HI** A fast heat to start cooking quickly, to bring foods to a boil on either glass-ceramic or conventional cooktop. Use for most grilling.
- 7-10** (Medium High) For fast frying or browning foods cooked on surface cooktops, rapid boil of large amounts of food.
- 5-6** (Medium) For foods cooked in a double boiler, sauteing, slow boil of large amount of food.
- 3-4** (Medium Lo) To continue cooking foods started on higher heats.
- LO-2** Maintaining serving temperatures of foods, simmering foods, melting butter or chocolate.

The heat controls offer flexibility in heat setting selection. On settings other than HI or LO, you may adjust the controls above or below the numbered setting for best results. This applies to settings when using cooktop cartridges or when using the grill or any of the grill accessories. Suggested settings are provided as general guidelines.

Cleaning and Removing Control Knobs

The control knobs may be removed by pulling them off. Control shafts are shaped like a "D". Match the "D" shaped hole in the knobs to the shaft when replacing. Wash knobs in warm soapy water; do not scrub.



Using Cooktop Cartridges

Cooktop cartridges, either conventional coil or glass-ceramic, can be installed on either side of the range.



To Install Cartridges

1. If the grill element, grill-rock cartridges or grates are in place, remove before installing a cooktop cartridge. Clean grill basin of any grease accumulation. (See page 21 for cleaning recommendations.)
2. To install either the conventional coil or glass-ceramic cartridges, first be sure control knobs are turned OFF. Position the cartridge terminal plug towards the terminal receptacle. This receptacle is located at the front of the left side and at the back of the right side of the range.
3. Slide the cartridge towards the receptacle until the cartridge terminal plug is completely engaged.
4. Lower the opposite end of the cartridge into the range top until it is flush with the surface. Your cooktop is now ready to use.

To Remove Cartridges

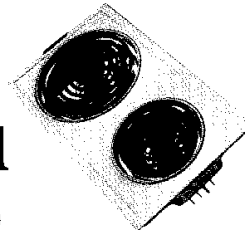
1. Control knobs must be in the OFF position and the cartridge should be cool.
2. Lift up on the "tab" located on the cartridge until top of cartridge clears the opening on the range by about 2 inches. Lifting the cartridge too high while still engaged in the receptacle could damage the terminal plug.
3. To disengage terminal, hold cartridge by the sides and slide away from the terminal receptacle. Lift out when fully unplugged.

To Store Cartridges

1. A storage tray, Model A350, is available and can be used for storing a cartridge.
2. Do not stack cartridges where they may fall or be damaged. Never store other materials on top of the glass-ceramic cartridges since this could damage or mar the surface.



Conventional Coil Cooktop



For best results, most efficient use of electricity and to prevent damage to the conventional coil elements, select cookware as described below.

The variable control setting allows flexibility in selecting desired heat. The HI setting should be used only to start cooking. The control should then be turned to a lower setting. Energy can be saved by avoiding unnecessary rapid boiling of foods and covering utensils when bringing water to a boil. Use the lowest setting possible to maintain correct frying temperature to avoid excessive splattering. Use a tight fitting lid on utensils to speed cooking.

Retained heat in the elements can be used to finish cooking.

Do not allow pans to boil dry as this could damage both the cooktop and pan.

Selecting Proper Cooking Utensils

- *Select cookware with flat bottoms.* Flat bottom pans are the fastest and best conductors of heat and provide the most consistent and satisfactory results. The entire bottom of the utensil should touch the heating element evenly. Avoid using utensils with convex, concave or irregular bottoms. A utensil which is not flat receives the most heat at the point of contact, which causes "hot spots" and uneven heat distribution. Hot spots can result in scorching or burning of the food. Uneven heat distribution slows the cooking process and wastes energy.
- To determine if a utensil is flat, lay a straight edge ruler against the bottom.
- Do not use a wire trivet or any kind of heat retarding pad between the utensil and element. Reduce the heat control setting instead.
- Do not use utensils that extend more than 1 inch on either side of the element. (See exceptions for canning on page 13.) Use the correct size pan for the size of the heating element.
- *Do not use large diameter canners or utensils except when boiling water or canning.* Sauce mixtures, syrups and fried foods all cook at much higher temperatures than boiling water and could eventually reflect damaging heat to the adjacent component parts of the range, shorten life span of heating element, damage and discolor drip pans or cause impossible to clean spots on metal surfaces. These problems are increased when the HI setting is used excessively with oversized cooking utensils.
- Do not use any vessel with a turned down flange around the bottom.
- Special cooking equipment without flat bottoms, such as the Oriental wok, *should not be used on the cooktop. Only use the Jenn-Air wok accessory, Model A140, on the range.* It has a special heating element designed to eliminate problems associated with using traditional round bottom woks on the conventional coil cartridge, such as shortening the life of the heating element.

Cleaning the Conventional Coil Cooktop

The cooktop cartridge does not need to be removed from the range for normal cleaning.

Never immerse cartridge in water to clean. This can damage wiring. A drain hole within the cartridge permits drainage of normal spills into the porcelain drain pan where it will drain into the grease container. Interior and bottom of cartridge may be wiped clean with detergent solution if necessary.

Cartridge terminals, if dirty, may be polished with S.O.S. pad, but must be cleaned thoroughly of soap and dried thoroughly before being inserted into range.

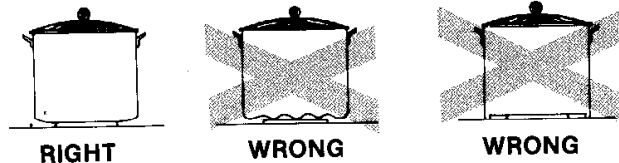
Heating Elements: Under normal conditions, most soil will burn off elements. The heating elements unplug for your convenience in cleaning the drip pans. Lift slightly and pull away from receptacle. **DO NOT IMMERSE IN WATER.** To replace elements, push completely into the receptacle. Make sure the elements fit flat inside the chrome bowl.

Drip Pans: To keep the like-new appearance, *clean frequently and never allow anything to burn on twice.* Remove soiled pans (first remove heating element). Clean lightly soiled pans with soap and water or clean in dishwasher. Difficult to remove spots can be cleaned by rubbing lightly with soapy S.O.S. pads or nonabrasive cleansers such as Bon Ami. To help release burned on soil, soak in a solution of 1/2 cup ammonia and 1 gallon warm water. Do not use abrasive cleansers, steel wool or cleansers not recommended for use on chrome. A bluing of the drip pans indicates improper utensil selection and/or using excessively high heat.

Metal Surfaces: Clean with mild detergent or nonabrasive cleansers recommended for metal surfaces in general. For hard to remove soil, *scrub lightly with soapy S.O.S. pads.* Do not use steel wool or abrasive cleansers since these will mar the finish. See page 22 for cleaning instructions for stainless steel areas and cartridges.

NOTE: If excessive spill-over occurs, check the grease container.

Home Canning



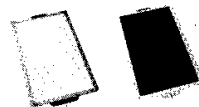
Canning should be done on the conventional coil element *only*.

Follow These Procedures When Canning

- Bring water to boil at HI setting; after boiling has begun, reduce heat to lowest setting that will maintain boiling.
- Make certain canner fits over center of surface unit and *is not* supported by the rim of the cartridge. If it cannot be centered properly, use a smaller diameter utensil.
- Flat-bottomed canners give the best canning results. Canners with other than flat bottoms, such as flanged or rippled bottoms (often found in enamel ware) should not be used.
- Use canning recipes from a reputable source such as the manufacturer of your canner, manufacturers of canning jars and the U.S. Department of Agriculture Extension Service.
- Remember that canning is a process that creates large amounts of steam. Be careful and follow equipment instructions to avoid burns from steam or hot utensils.
- Remember that if your area has low voltage at times, canning may take longer than indicated by the directions.



Glass-Ceramic Cooktop



For best results, always use proper cookware as described below. Utensils should match the size of the heating element. The utensils should be made of a material which conducts heat well and does not warp after heating, such as heavy duty aluminum and stainless steel.

Different utensils and different amounts of food being prepared will affect the temperature control setting. (See page 10 for typical control settings.) *For fastest cooking*, start with the surface control on HI for one minute; then turn the control to the lower desired setting. Covering utensils, whenever possible, speeds cooking and is more energy efficient.

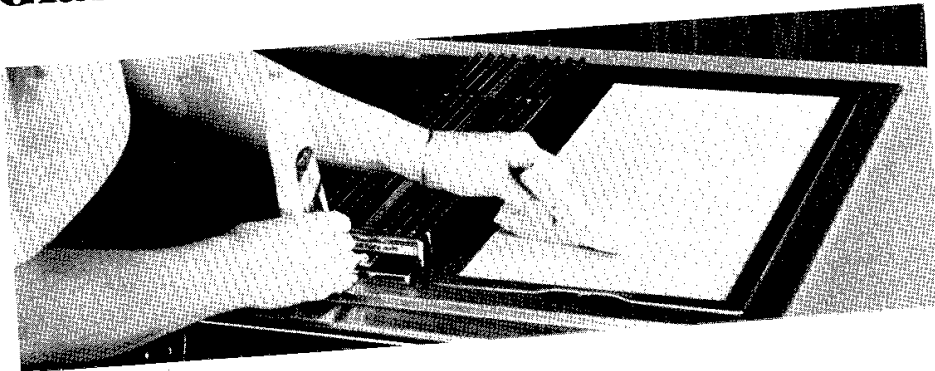
Glass-ceramic retains heat for a longer period of time than conventional heating element. Consequently, if water is brought to a boil at the HI setting, it will continue to boil rapidly for a minute or so after being turned to a lower heat setting. In the event of a potential boil over, move the utensil to a cool element or from the cooking surface.

A benefit of the retained heat feature of glass-ceramic cooktops is that the heating element can be turned off several minutes before the food is done and the retained heat can be used to finish cooking the food or for keeping the food warm until ready to serve.

Selecting Proper Cooking Utensils

- *Select cookware with flat bottoms.* Flat bottom pans are the fastest and best conductors of heat and provide the most consistent and satisfactory results.
- To determine if the utensil is flat, place the edge of a ruler on the bottom. Hold up to the light. No light should be visible between the edge of the ruler and the pan. *Reject* any pans that do not fit flush against ruler's edge.
- Avoid utensils with convex, concave, or those that have irregular bottoms, such as those with rims or ripples. These utensils not only cause the glass to break but can also cause stains which may be difficult or impossible to remove.
- Test cast ironware since all are not flat. Also be cautioned against possible "impact damage" should the heavy utensil be dropped on the glass-ceramic surface.
- *Do not use utensils* of a diameter that permits either side of the bottom to rest on any rim portion of the cooktop cartridge. Large utensils, such as pressure canners or oversized skillets, should be used *only* on conventional element cartridges if they do not meet this test. For tips on canning, see page 13.

Cleaning the Glass-Ceramic Cooktop



Save on Clean-up Time

- Make sure bottoms of cookware utensils are always clean and dry. Before using utensils on the glass-ceramic cooktop for the first time, and periodically as needed, clean the bottoms with scouring pads or other cleansers. Rinse and dry thoroughly. Soil from the utensil bottom can be transferred to the cooktop surface.
- Make it a practice to wipe cooktop surface with a *clean* damp cloth or paper towel *before* each use; dry thoroughly. Invisible spatters, dust specks, cleansers or water can cause stains that appear after unit is heated. A sponge or dishcloth which is not clean will leave film and soil laden detergent water which may cause stains on surface after area is heated.
- Use correct heat setting and cookware large enough to hold food and liquid to prevent boil overs and spattering.
- When frying, use a spatter shield to reduce spattering.
- If a bad spillover occurs while cooking, spills may be cleaned from the cooktop while it is hot to prevent a tough cleaning chore later. Using extreme care, wipe with a clean damp towel. Be careful to avoid burns from steam or hand touching the hot cooktop.

IMPORTANT

- For cleaning: *Do Not* use soap pads containing metal fibers such as steel wool or S.O.S. pads, oven cleaning compounds, rust stain removers, abrasive cleansers or other cleansers not specifically recommended for use on glass-ceramic.
- *Never immerse your cooktop cartridge in water.* This could damage internal wiring.

Daily Care

- After cooktop has cooled, remove any spillover or spatter.
- The cartridge does not need to be removed from the range for normal cleaning. If removed, bottom may be wiped clean with damp cloth. If electrical terminals on cartridge are cleaned, dry them thoroughly before using.
- For general daily cleaning and light surface soil, wash surface with solution of water and any of these cleansers: dishwashing liquid such as Ivory or Joy, baking soda, fine polishing powders as Bon Ami, or commercial ceramic cooktop cleansers. Wipe with clean damp cloth or paper towel. Rinse and dry thoroughly.
- To remove residue from burned on spills, make a paste of water and baking soda or Bon Ami, Barkeeper's Friend, Comet or any nonabrasive soft scrubbing cleansers. Scrub with paper towels, nylon or plastic scrubber, such as Tuffy. Rinse and dry thoroughly. If stain is not removed easily, allow paste to remain on surface for 30 to 40 minutes. Keep moist by covering with wet paper towel.
- To remove burned on spot, use a single edge razor blade. Place blade edge on cooktop at 30° angle; scrape off spot. Clean remainder of soil with method described above.
- To remove moderate to heavy stains, remove cartridge from range (to prevent unit from being turned on). Make a paste of Barkeeper's Friend and water. Apply to stained area. To keep paste moist, cover with clear polyester sheet, such as Reveal and Glad. Allow to remain overnight. Rinse surface and dry thoroughly. If stain is not completely removed, repeat procedure.
- For cartridges with chrome trim, clean with Bon Ami glass cleanser or polishing cleanser, mild soap or detergent. See page 22 for cleaning instructions for stainless steel trim.

IMPORTANT

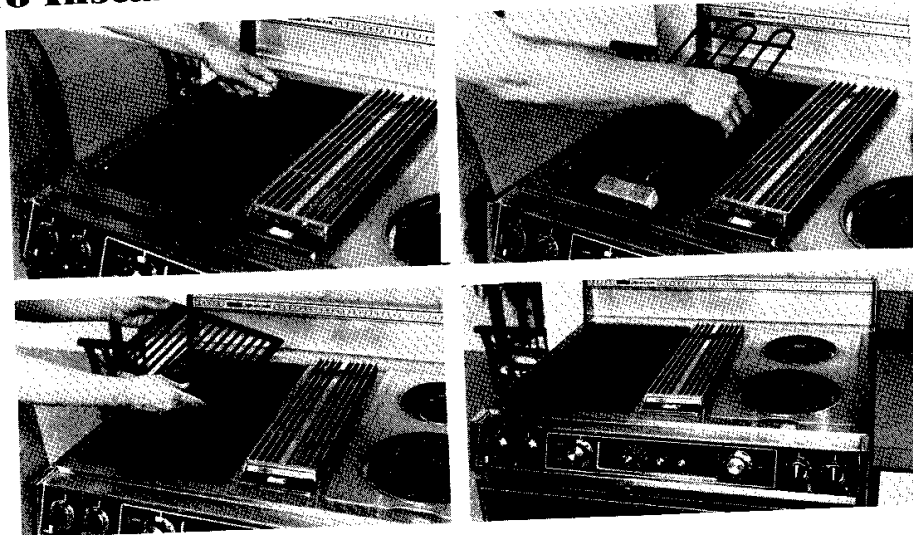
- Do not use the glass-ceramic cooktop as a cutting board.
- Do not use or place plastic items anywhere on the cooktop.
- Do not use cartridge in the event a break has occurred. Call an authorized Jenn-Air Service Contractor.
- Do not slide or scrape aluminum utensils across the cooktop since this may cause marks or pits in surface which are permanent.
- Do not slide heavy metal utensils across surface since these may scratch the surface.
- Do not cook foods directly on cooktop.
- Do not use aluminum foil, disposable foil pans (such as those packaged with popcorn) or foil wrapped food bundles on cooktop since this can permanently mark the surface.
- Do not allow pan to boil dry as this could damage the cooktop and the pan.
- Do not use trivets or any kind of heat retarding pad under cooking utensils.



Grilling

The grill accessory consists of two black grill grates, a grill element and two grill-rock cartridges.

To Install Grill



1. Before installing grill components, be certain surface controls are on the OFF position.
2. Place the two grill-rock cartridges into an empty grill basin with their handles running parallel to the front of the range. These cartridges must be used since they support the grill element.
3. Position the grill element with the terminal plug towards the terminal receptacle. This receptacle is located at the front of the left side and at the back of the right side of the range. Slide the element towards the receptacle until the terminal plug is completely engaged.
4. The grill element should now rest on the handles of the grill-rock cartridges.
5. Place the black grill grates on the top of the range top.

To Remove Grill

Remove grill components once they are cool. Be sure control switches are in the OFF position.

To remove grill element, pull away from receptacle until it is unplugged. Do not lift the element while it is engaged in the receptacle since this could damage the terminal.

A storage tray, Model A350, is available for purchase and can be used for storing the grill assembly.

Installing Other Accessories

1. Remove the two black grill grates from the grill. Now you are ready to use the optional grill-range accessories.
2. Review the instructions for installing and using the accessories that are packaged with the accessory.

Using the Grill



- Before using the grill for the first time, wash grill grates in hot, soapy water; rinse and dry.
- Precondition new grates and grill-rocks by brushing with vegetable oil or spraying with a non-stick coating such as Pam. This procedure should be repeated after cleaning in a dishwasher since the detergent removes seasoning.
- For easier clean-up, as well as preventing meats from sticking to grates until they are seasoned, spray grates, grill-rock cartridges and grill basin with a non-stick coating.
- Preheat grill on HI setting for 5 minutes. Preheating improves the flavor and appearance of meats and quickly sears the meat to help retain the juices. The heating element should glow a bright cherry red.
- *Excessive amounts of fat should be trimmed from meats.* Only a normal amount is necessary to produce the smoke needed for that smoked, "outdoor" flavor. Excessive fat can create cleaning and flame-up problems.
- Allowing *excessive amounts of grease or drippings to constantly flame voids the warranty on grill grates.* Excessive flame-ups indicate that either the grill interior needs to be cleaned or that excessive amounts of fat are in the meat or the meat was not properly trimmed.
- Grease drippings will occasionally ignite to produce harmless puffs of flame for a second or two. This is a normal part of the cooking process.
- **NEVER LEAVE GRILL UNATTENDED DURING GRILL OPERATION.**

Should excess grease cause sustained flame-up

1. Immediately turn grill heat control knob to OFF position.
2. Turn on FAN manually.
3. Remove meat from grill.

IMPORTANT

- Do not use aluminum foil inside the grill area.
- Do not use charcoal or wood chips in the grill area.
- Do not allow grill-rock cartridges to become overloaded with grease. Clean frequently.
- Do not cover grates completely with meat. Leave air space between each steak, etc. to allow proper ventilation as well as prevent flame-ups.

Grill Guide

Season grill grates. Preheat grill on HI, 5 minutes, for best flavor.

Type	Setting	Cooking Time	Procedure
Steak (1/2-3/4") Rare Medium Well	HI HI HI	9 to 12 minutes 12 to 19 minutes 16 to 23 minutes	Turn after 5 to 6 minutes. Turn after 6 to 9 minutes. Turn after 8 to 11 minutes.
Steak (1-1 1/2") Rare Medium Well	HI HI HI	10 to 17 minutes 19 to 26 minutes 24 to 32 minutes	Turn after 5 to 8 minutes. Turn after 9 to 12 minutes. Turn after 12 to 16 minutes.
Hamburgers (1/2-5/8")	10	15 to 25 minutes	Turn after half the time.
Pork Chops Fully-cooked Smoked Pork Chops Ham Slices Pork Ribs	9-10 HI 10 10	30 to 40 minutes 10 to 15 minutes 15 to 20 minutes 50 to 60 minutes	Turn occasionally. Turn once. Glaze if desired. Turn once. Turn occasionally. Brush with barbecue sauce during last 15 minutes.
Fully-cooked Sausages Hot Dogs, Brats, Polish Fresh Sausage Links Patties (3-inch diameter) Italian Sausage	HI 10 9 9	5 to 10 minutes 10 to 15 minutes 20 to 25 minutes 20 to 25 minutes	Turn once. Turn occasionally. Turn after half the time. Pierce casing with a fork. Turn once.
Lamb Chops	9-10	25 to 35 minutes	Turn occasionally. Brush with glaze, if desired.
Chicken Pieces: Bone-in Boneless Breasts Wings Cornish Hen (halved)	10 10 10 10	45 to 60 minutes 25 to 35 minutes 20 to 25 minutes 35 to 40 minutes	Turn occasionally. Start skin side down, turn occasionally. Turn frequently. Brush with marinade or glaze during last 5 minutes. Turn occasionally.
Fish Small, Whole (1 1/2") Salmon Steaks (1") Fillets (1/2") (with skin on) Lobster Tails Shrimp (skewered)	9 9 9 8-9 9	20 to 25 minutes 25 to 30 minutes 10 to 15 minutes 20 to 30 minutes 10 to 15 minutes	Brush with butter. Turn after half the time. Brush with butter. Turn after half the time. Start skin side down. Brush with butter. Turn after half the time. Baste with butter. Turn occasionally. Turn and brush with butter or marinade frequently.
Garlic Bread Hot Dog, Hamburger Buns	HI HI	2 to 3 minutes 1 to 2 minutes	Turn after half the time.

Cleaning the Grill

Grill Grates: These are made from cast aluminum which have been anodized. This coating will fade with use.

- The grates should be cleaned after each use. They can be cleaned with detergent and a plastic scrubber, such as Tuffy, or washed in the dishwasher if burned on residue is first removed. For heavy soil, grates can be soaked in hot, soapy water to which a cleanser, such as household ammonia, has been added.
- *Do not use metal brushes or abrasive scouring pads or other scrubbers intended to clean outdoor charcoal grills.* These will remove the finish as well as scratch the grates. *Do not clean in the self-cleaning oven or use oven cleaners on the grates.*

Grill-Rock Cartridges: These are made from cast-iron which have been coated with porcelain enamel.

- The grill-rock cartridges should be cleaned frequently or after any excessive build up of grease. To clean light soil, use detergent and a plastic scrubber, such as Tuffy, or wash in the dishwasher if burned on residue is first removed. For heavy soil, soak in hot, soapy water to which a cleanser, such as household ammonia, has been added. Stubborn spots on grill-rocks, such as burned on residue from sauces, can be scrubbed with a stiff bristle brush.
- An oven cleaner, such as Easy-Off, can be used for burned on soil. Follow manufacturer's directions; spray on cleaner and let soak overnight. *Do not clean grill-rocks in the self-cleaning oven.*

Grill Element: Follow instructions on page 17 for removing the grill element. The grill element should never be immersed in water. Most soil will burn off during use. The terminal block may be cleaned with soapy S.O.S. pad. Dry thoroughly before reinserting in the range.

Porcelain Drain Pan: This area, located under the grill-rock cartridges, should be cleaned after each heavy use of the grill.

- To remove light soil, clean area with soapy water or spray with cleansers such as 409 or Grease Relief. For easier clean-up, soak paper towels in a household cleanser, lay in drain pan, and soak for at least a half-hour or longer.
- To remove moderate soil, scrub with Comet, Bon Ami, a soft scrub cleanser or plastic scrubber.
- To remove stubborn soil, spray with an oven cleaner such as Easy Off; let soak overnight, wipe clean, rinse and dry.

Grease Container: This container collects grease and other liquids created while grilling or using some of the accessories; or spillovers while using the conventional coil cartridge. Empty when grease is noticeable through container window.

- Check the container periodically to prevent grease from spilling over. If this should happen, the grease will flow over the front of the container thus alerting you to empty the container. The container is made from polypropylene and can be washed in hot, soapy water. A few tablespoons of dishwashing liquid and water added to a clean container will make it easier to empty when full. May be washed in dishwasher.
- A metal drain tube leads from the right grill basin to the grease container. If the right side of the range is used for most of the grilling, occasionally pour a cup of hot, soapy water through the drain tube. If the tube should become clogged with grease or food particles, use a flexible wire and gently push through the drain tube to clear; then flush with hot water.





Griddle

To Use

1. Before using the new griddle, wash in hot, soapy water; rinse and dry.
2. Place two clean grill-rock cartridges (with handles parallel to range front) into clean grill basin. Insert grill element. Do not use surface grill grates.
3. Place griddle over grill element so that the drain holes are in front. This will permit excess grease to be collected in the grease container.
4. Preheat the griddle as noted below. *Settings above 10 during griddle operation are unnecessary, can ruin the finish or cause seasoning or food to adhere to the griddle.*
5. *After griddle is preheated, season griddle with butter or oil.* Normally, the griddle needs to be seasoned for all but high fat foods. If the griddle is seasoned during preheat, oil changes its chemical composition and forms a varnish-like finish on the griddle which is difficult to remove.
6. To maintain the finish, use nonmetallic spatulas or utensils while cooking.

Cleaning

1. THE GRIDDLE MUST BE CLEANED AFTER EACH USE IN ORDER TO PROPERLY MAINTAIN THE FINISH. Any food residue left on the griddle will adhere to it during preheat.
2. Once the griddle has cooled (DO NOT immerse a hot griddle in cold water), wash with soap or detergent in hot water in the sink. Be sure to remove all food residue before cooking on the griddle again. Any difficult to remove, cooked on residue can be removed with a plastic scrubber.
3. In the event the griddle has not been cleaned sufficiently and has a light, tacky film of oil or cooked on residue, remove with plastic scrubber and Barkeeper's Friend, Ajax, or other nonabrasive cleansers.
4. For built-up residue, scrub lightly with a soapy S.O.S. pad. This will not only remove the residue, but may also remove the finish.

Griddle Guide Preheat 5 minutes at specified setting.

	Control Setting	Approximate Cooking Time (Minutes)	
		First Side	Second Side
Sausage Patties	8-9	8	6
Bacon (Wafer)	8-9	3	1-2
Ham Slice	8-9	6	5-6
Hamburgers	7-8	6	5
Fish Sticks	6-7	5	3-4
Hot Dogs	8-9	5	5
Buns	8-9	3	
French Toast*	9-10	3	2-3
Grilled Sandwiches	8-9	4	3
Pancakes*	9-10	2	1-2
Eggs*	5-6	2-3	(1)

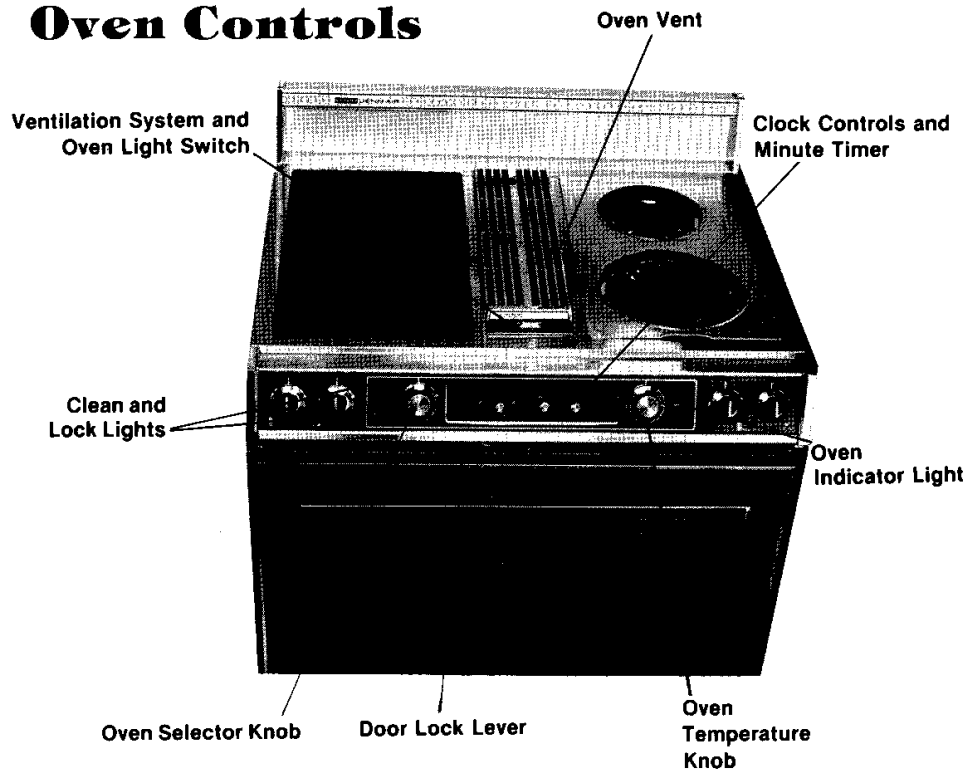
*For best results, preheat for 10 minutes.

NOTE: These are suggested guides for control settings and times. Factors, such as low voltage may affect the time and control setting which provides the best results.



Oven Operation

Oven Controls





Griddle

To Use

1. Before using the new griddle, wash in hot, soapy water; rinse and dry.
2. Place two clean grill-rock cartridges (with handles parallel to range front) into clean grill basin. Insert grill element. Do not use surface grill grates.
3. Place griddle over grill element so that the drain holes are in front. This will permit excess grease to be collected in the grease container.
4. Preheat the griddle as noted below. *Settings above 10 during griddle operation are unnecessary, can ruin the finish or cause seasoning or food to adhere to the griddle.*
5. *After griddle is preheated, season griddle with butter or oil.* Normally, the griddle needs to be seasoned for all but high fat foods. If the griddle is seasoned during preheat, oil changes its chemical composition and forms a varnish-like finish on the griddle which is difficult to remove.
6. To maintain the finish, use nonmetallic spatulas or utensils while cooking.

Cleaning

1. THE GRIDDLE MUST BE CLEANED AFTER EACH USE IN ORDER TO PROPERLY MAINTAIN THE FINISH. Any food residue left on the griddle will adhere to it during preheat.
2. Once the griddle has cooled (DO NOT immerse a hot griddle in cold water), wash with soap or detergent in hot water in the sink. Be sure to remove all food residue before cooking on the griddle again. Any difficult to remove, cooked on residue can be removed with a plastic scrubber.
3. In the event the griddle has not been cleaned sufficiently and has a light, tacky film of oil or cooked on residue, remove with plastic scrubber and Barkeeper's Friend, Ajax, or other nonabrasive cleansers.
4. For built-up residue, scrub lightly with a soapy S.O.S. pad. This will not only remove the residue, but may also remove the finish.

Griddle Guide Preheat 5 minutes at specified setting.

	Control Setting	Approximate Cooking Time (Minutes)	
		First Side	Second Side
Sausage Patties	8-9	8	6
Bacon (Wafer)	8-9	3	1-2
Ham Slice	8-9	6	5-6
Hamburgers	7-8	6	5
Fish Sticks	6-7	5	3-4
Hot Dogs	8-9	5	5
Buns	8-9	3	
French Toast*	9-10	3	2-3
Grilled Sandwiches	8-9	4	3
Pancakes*	9-10	2	1-2
Eggs*	5-6	2-3	(1)

*For best results, preheat for 10 minutes.

NOTE: These are suggested guides for control settings and times. Factors, such as low voltage may affect the time and control setting which provides the best results.

Ventilation System and Oven Light Switch

- The oven light automatically comes on whenever the oven door is opened. When the door is closed, the oven light may be turned on by pushing the light symbol on the three position switch. To turn oven light off, push switch to the middle position. Light cannot be turned on during the self-cleaning process. If the fan symbol is pushed, the ventilation system will be turned on.

Clean Light

- Indicates when all controls have been properly set for the self-cleaning process. Light will remain on during the entire cleaning process and until the timer has advanced through the set cleaning time.

Lock Light

- Will glow after the oven door has been automatically locked (after the oven temperature is over 550°). *Door cannot be opened until oven temperature drops below 550° and the lock light goes off.*

Selector Knob

- This knob controls the oven operation. To operate the oven, turn to desired setting and turn TEMPERATURE knob to desired setting.

The settings are:

OFF	The oven will not operate when knob is on this setting. Keep knob on this position when oven is not in use.
BAKE	Use for baking or roasting. (See pages 28-31.)
TIME BAKE	Use with clock controls for automatically starting and stopping oven when baking or roasting. (See page 26.)
BROIL	Use for top browning or oven broiling of foods. (See pages 32-33.)
CLEAN	Use for self-cleaning process. (See pages 34-37.)

Door Lock Lever

- Use to lock oven for self-cleaning process. (Can only be locked when temperature knob is on CLEAN setting.)

Oven Indicator Light

- Indicates when oven is turned to an operating position other than the CLEAN setting. Light will glow until the desired temperature is reached. It will cycle on and off as this temperature is maintained during cooking.

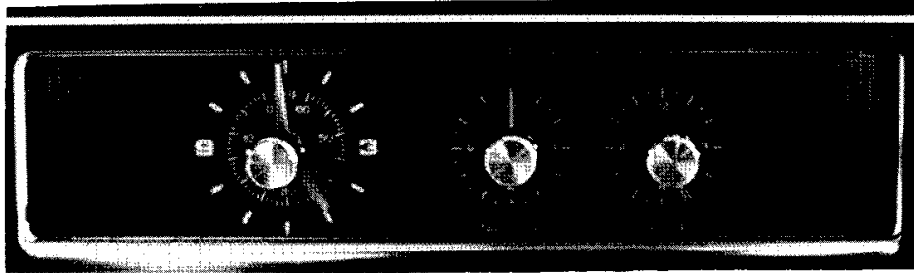
Temperature Knob

- Use to set oven temperature. Be sure the indicator line is in line with the exact temperature desired. This knob is used with all oven operation settings noted on the SELECTOR knob.

Clock Controls and Minute Timer

- Features time of day, MINUTE TIMER, and clock controls to start and stop oven automatically. (See page 26.)

Clock Controls



To Set Clock

Push in clock knob and turn in either direction to correct time. *Reset MINUTE TIMER to OFF position*

Minute Timer

This interval timer reminds you when any cooking period, up to 60 minutes, has expired. Simply turn pointer to number of minutes desired. Do not push knob in as this will reset the clock. At the end of the selected period, the timer will sound. Turn to OFF position to discontinue signal. *Timer does not control baking.*

Clock-Controlled Baking

To set oven to start at future time and shut off automatically:

1. Set "Start" time — Push in and turn START TIME knob to time you wish food to start cooking.
2. Set "Stop" time — Push in and turn STOP TIME knob to time you want food to stop cooking.
3. Turn SELECTOR knob to TIME BAKE.
4. Turn TEMPERATURE knob to desired oven temperature.

To set oven to start immediately and shut off automatically:

1. Set "Stop" time — Push in and turn STOP TIME knob to time you want food to stop cooking.
2. If the START TIME knob is in the "in" position, turn it clockwise until it pops out.
3. Turn SELECTOR knob to TIME BAKE.
4. Turn TEMPERATURE knob to desired temperature.

Note: After clock-controlled baking, turn SELECTOR and TEMPERATURE knobs to OFF position.

Oven Operation

Baking or Roasting

1. Locate oven racks on proper rack positions.
2. Turn TEMPERATURE knob to desired temperature.
3. Turn SELECTOR knob to BAKE setting. When the OVEN INDICATOR LIGHT cycles off, the oven is preheated to the selected temperature. Place the food in the oven. The OVEN INDICATOR LIGHT will cycle on and off throughout the baking process. *Preheat only when necessary.* Refer to baking and roasting sections as to when preheating is recommended.
4. After baking, turn both TEMPERATURE and SELECTOR knobs to OFF position.

Rack Positions

The rack positions noted are generally recommended for the best browning results and most efficient cooking times. Refer to charts in the baking and roasting sections for recommendations for specific foods.



Use Rack Position #1 for:

Roasting large cuts of meat and large poultry, frozen pies, souffles, angel food cake, loaves of bread.

Use Rack Position #2 for:

Roasting small cuts of meat, large casseroles, loaves of bread, cakes (in either tube, bundt or layer pans.)

Use Rack Position #3 for:

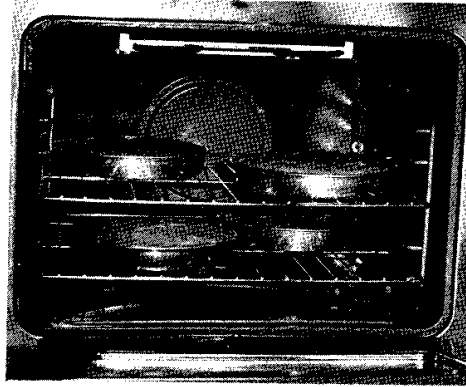
Most baked goods on cookie sheet or jelly roll pan, frozen convenience foods.

Use Rack Position #4 for:

Most broiling.

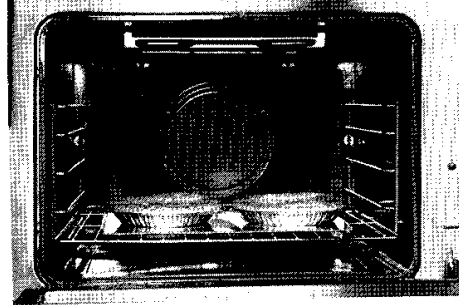
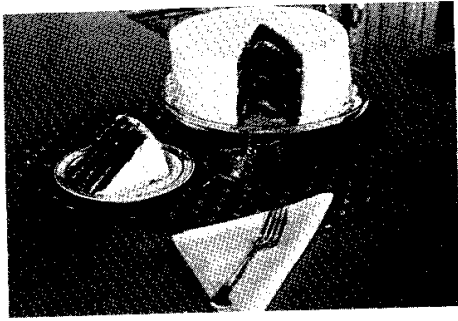


Baking



General Baking Recommendations

- When cooking foods for the first time in your new oven, use recipe cooking times and temperatures as a guide.
- Use tested recipes from reliable sources.
- Preheat the oven only when necessary. For baked foods that rise and for richer browning, a preheated oven is better. Casseroles can be started in a cold oven. Preheating takes from 6 to 8 minutes; place food in oven after OVEN INDICATOR LIGHT cycles off.
- Arrange oven racks before turning on oven. Follow suggested rack positions on pages 27 and 29.
- Allow about 1 to 1½ inches of space between the oven side walls and utensils to allow proper air circulation.
- When baking foods in more than one utensil, place them on opposite corners of the rack. *Stagger utensils* when baking on two racks so that one utensil does not shield another unless shielding is intended. (See above photo.)
- To conserve energy, avoid frequent or prolonged door openings. At the end of cooking, turn oven off before removing food.
- Always test for doneness (fingertip, toothpick, sides pulling away from pan). Do not rely on time or brownness as only indicators.
- Use good quality baking utensils and the size recommended in the recipe.
- Dull, dark, enameled or glass utensils will generally produce a brown, crisp crust. Shiny metal utensils produce a light, golden crust.
- Frozen pies in shiny aluminum pans should be baked on a cookie sheet on rack 1 or be removed to a dull or glass pan.



Baking Chart

Product and Type	Pan Size	Rack Position	Bake Temp. Preheated	Bake Time*
CAKE				
Yellow - 2 layers	9"	2 or 3	350°	30-35
White - 2 layers	9"	2 or 3	350°	25-30
Chocolate - 2 layers	9"	2 or 3	350°	30-35
Bundt	tube	1 or 2	350°	35-45
Angel Food	tube	1 or 2	375°	30-40
Pound Cake	loaf	2	325°	40-50
Snacking Cake	8x8"	2	375°	30-35
Cupcakes		3	350°	15-20
Sheet Cake	15x10"	3	350°	20-25
PIES				
Two Crust				
Fruit, fresh	9"	2	400°-425°	35-55
Fruit, frozen	9"	1	400°-425°	45-60
One Crust				
Custard, fresh	9"	3	350°	35-40
Custard, frozen	9"	1	375°	60-65
Pie Shell	9"	2	425°-450°	8-12
COOKIES				
Chocolate Chip		3	350°-375°	8-12
Peanut Butter		3	350°-375°	8-12
Sugar		3	350°-375°	8-12
Brownies	8x8"	2	350°	30-40
BREADS, YEAST				
Loaf	loaf	1 or 2	375°	30-40
Rolls		3	375°-400°	15-20
BREADS, QUICK				
Loaf, Nut, Fruit	loaf	2	350°	60-75
Gingerbread	9x9"	2	350°	40
Cornbread	8x8"	2	400°-450°	15-30
Cornbread Muffins		3	400°	10-20
Biscuits		3	400°-425°	10-20
Muffins		3	400°	15-25

* The times given are based on specific brands of mixes or recipes tested.
Actual times will depend on the ones you bake.



Roasting



General Roasting Recommendations

- *Preheating is not necessary.*
- For open pan roasting, place meat or poultry on the slotted portion of the two-piece pan included with the oven. Do not add water to the pan. Use open pan roasting for tender cuts of meat. Less tender cuts of meat need to be cooked by moist heat in a covered utensil.
- For best results, a meat thermometer is the most accurate guide to degree of doneness. The tip of the thermometer should be located in the thickest part of a roast, not touching fat, bone, or gristle. For turkeys and large poultry products, insert the tip of the thermometer into the thickest part of the inner thigh.
- Place roast fat side up to allow self basting of meat during roasting.
- Since meats continue to cook after being removed from the oven, remove roast from oven when it reaches an internal temperature about 5 degrees below the temperature desired.
- For less loss of juices and easier carving, allow about 15 minutes "standing time" after removing meat from oven.
- For best results in roasting poultry, thaw completely. Due to the structure of poultry, partially thawed poultry will cook unevenly.
- Minutes per pound will vary according to the size, shape, quality, and initial temperature of meat as well as the electrical voltage in your area.
- A large cut of meat will usually require fewer minutes per pound to roast than a smaller cut of meat.
- Since the breast meat on a large turkey cooks more quickly than the thigh area, place a "foil cap" over the breast area after desired brownness is reached to prevent overbrowning.
- A stuffed turkey will require an extra 30-60 minutes depending on size. Dressing should reach an internal temperature of 165°.
- Use meat roasting charts in standard cookbooks for recommended times and temperatures for roasting cuts of meat not listed on page 31.

Roasting Chart (Thawed Meats Only)

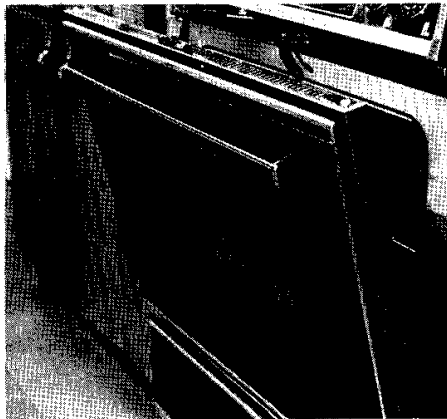
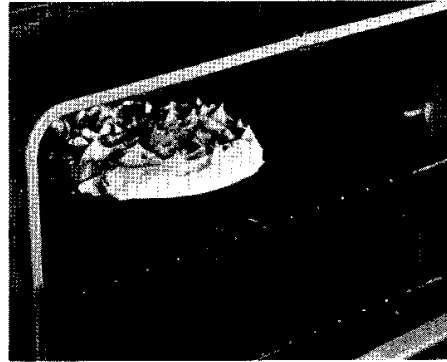
Variety and Cut of Meat	Approximate Weight (pounds)	Oven Temperature (not preheated) °F	Internal Temperature of Meat — End of Roasting Time °F	Approximate Roasting Time (minutes per pound)
BEEF				
Rib Roast (outside down)	4 to 8	325 °	140 ° (rare) 160 ° (medium)	25-30 30-35
Rib Eye Roast	4 to 6	325 °	140 ° (rare) 160 ° (medium)	25-30 30-35
Loin Tenderloin Roast	2 to 3	400 °	140 ° (rare)	20-25
Round Eye Round Roast	4 to 5	325 °	140 ° (rare) 160 ° (medium)	25-30 30-35
Top Sirloin Roast	3 to 6	325 °	140 ° (rare) 160 ° (medium)	25-30 30-35
Round Tip Roast	4 to 6	325 °	140 ° (rare) 160 ° (medium)	25-30 30-35
PORK				
Shoulder Blade Roast, Boneless	4 to 6	325 °	170 °	35-45
Shoulder Blade Roast	4 to 6	325 °	170 °	30-40
Loin Blade or Sirloin Roast	3 to 4	325 °	170 °	35-45
Leg (Fresh Ham)	10 to 16	325 °	170 °	25-35
Ham, Half (Fully cooked)	5 to 7	325 °	140 °	25-35
Ham, Half (Cook-before-eating)	5 to 7	275 °	160 °	35-45
Arm Picnic Shoulder	5 to 8	325 °	140 °	25-30
LAMB				
Shoulder Roast, Boneless	3½ to 5	325 °	160 ° (medium) 170 ° (well)	35-40 40-45
Leg, Whole	5 to 7	325 °	160 ° (medium) 170 ° (well)	30-35 35-40
Leg, Shank Half	3 to 4	325 °	160 ° (medium) 170 ° (well)	30-35 35-40
Leg, Sirloin Half	3 to 4	325 °	160 ° (medium) 170 ° (well)	35-40 40-45
VEAL				
Rib Roast	3 to 5	325 °	170 °	40-45
Shoulder, Boneless	4 to 6	325 °	170 °	40-45
Leg, Half, Boneless	3 to 5	325 °	170 °	40-50
POULTRY				
Turkey, unstuffed	8 to 12	325 °	180°-185°	20-22
Turkey, unstuffed	12 to 16	325 °	180°-185°	18-20
Turkey, unstuffed	16 to 20	325 °	180°-185°	16-18
Turkey, unstuffed	20 to 24	325 °	180°-185°	14-16
Turkey, Whole, Boneless	4 to 6	325 °	170°-175°	30-40
Turkey, Breast	3 to 8	325 °	180 °	30-40
Chicken, Fryer	2½ to 3½	375 °	185 °	20-24
Chicken, Roaster	4 to 6	375 °	185 °	20-25
Capon, unstuffed	5 to 8	375 °	180°-185°	20-25
Cornish Game Hen	1 to 1½	375 °	180°-185°	45-55
Duck	4 to 6	350 °	185 °	20-25



Broiling

The broil element provides flexibility for broiling foods.

We recommend you use the grill accessory for most of your broiling. There are some types of foods that do require use of the oven broil element. These include foods such as stuffed lobsters, meringue pies, or other foods which require top browning.



To Broil

1. Place oven rack on the rack position suggested in the chart. Distance from broiling element depends on foods being prepared. Rack position #4 (second from the top) is usually recommended unless otherwise stated.
2. Turn SELECTOR knob to BROIL setting.
3. Turn TEMPERATURE knob to 550°F.
4. Place food on roasting pan provided with oven. After top broil element is red place food in oven. Preheating takes a few minutes, or until element glows a bright cherry red.
5. Leave oven door open at broil stop position when broiling.

Broiling Tips

- Tender cuts of meat or marinated meats are best for broiling. This includes rib and loin cuts of steak, ground beef, ham steaks, lamb chops, poultry pieces or fish. For best results, steaks should be at least 1" thick. Thinner steaks should be pan-broiled.
- Do not cover broiler grid with foil since this prevents fat drippings from draining into bottom of pan.
- Before broiling, remove excess fat from meat and score edges of fat (do not cut into meat) to prevent meat from curling. Salt after cooking.

- To prevent dry surface on fish or lean meats, brush melted butter on top.
- Foods that require turning should be turned only once during broiling. Turn meat with tongs to avoid piercing and loss of juices.
- Cooking times given in the chart are to be used only as a guide.
- The oven has a variable broil feature which means that the broiling temperature can be varied by selecting a lower temperature setting on the TEMPERATURE knob. Using a lower temperature setting will cause the broil element to cycle on and off. This feature can be used for foods that need to cook more slowly or need less radiant heat. If foods are broiling too fast, the control can be set at a lower temperature to reduce the cooking speed rather than moving the broiler pan to a lower rack.

BROILING CHART (BROIL, 550°, PREHEATED)			
FOODS	Rack Position	Approximate Minutes/Side	
		1st Side	2nd Side
BEEF			
Steak (1")	4	3	3
Rare		4	4
Medium		5	5
Well			
Hamburgers (3/4")	4	3	2
Rare		4	2
Medium		4	3
Well			
PORK			(no turning)
Bacon	4	5	3
Chops (1/2")	4	8	8
Chops (1")	3	9	2
Ham Steak	4	3	3
Sausage Links	4	5	1
Sausage Patties	4	5	
LAMB			
Chops (1")	4	5	3
Medium		5	5
Well			
Patties (3/4")	4	4	3
Medium		5	4
Well			
POULTRY			
Breast Halves	3	7	4
SEAFOOD			
Fish Fillets, Buttered (1/4")	4	4	(no turning)
Scrod, Buttered (1/2")	4	8	(no turning)
Cod (1")	4	12	(no turning)
Lobster Tail	4	9-12	(no turning)
MISCELLANEOUS			
Hot Dogs	4	2	2
Toast	4	1	1

NOTE: This chart is a suggested guide. The times may vary with food being cooked.



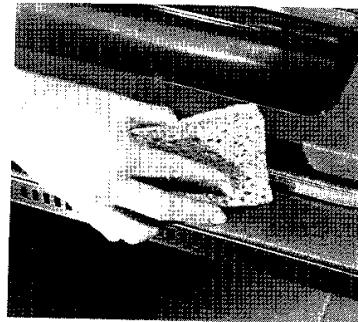
Oven Cleaning

How the Self-Cleaning Process Works

When the oven controls are set to CLEAN, the oven heats to temperatures that are higher than those used for cooking. The high temperatures cause food soil to burn off and substantially disappear. While this occurs, a device in the oven vent helps to consume normal amounts of smoke. The oven is vented through an opening under the ventilation grille on the top of the range.

How to Prepare Oven Before Operating the Self-Cleaning Process

- Remove the roasting pan and any other utensils from the oven. These utensils cannot withstand the high temperatures of the cleaning process.
- The oven racks and rack supports can be cleaned in the oven. However, the oven racks will discolor, lose shininess, and become difficult to slide in and out if left in the oven during the cleaning process. **REMOVE RACKS FROM OVEN IF THIS DISCOLORATION WILL BE OBJECTIONABLE.** As a suggestion, do not leave the racks in the oven during each self-cleaning process if they do not need to be cleaned since they will discolor to a dull silver after many cleanings. Moderately soiled racks can be cleaned with a soapy S.O.S. pad or Scotch-Brite scour-pad. Stubborn stains need to be removed in the self-cleaning process. Be sure to read special tips on page 37 if oven racks are cleaned during the self-cleaning process.
- Clean spatters and spills from those areas which will not be cleaned during the self-cleaning process:
 - porcelain oven door liner (area outside the door gasket).
 - stainless steel oven front frame.To clean these areas, use hot water and detergent, nonabrasive cleansers or soap filled steel wool pads (rub with the brushed grain on the oven front frame to prevent scratching). Rinse thoroughly, being careful not to use an excessive amount of water that would dampen the door gasket. *Soil left in these areas will be more difficult to remove after the self-cleaning process since the high heat will bake on any soil that is present.* **DO NOT USE COMMERCIAL OVEN CLEANERS TO CLEAN THESE AREAS.**

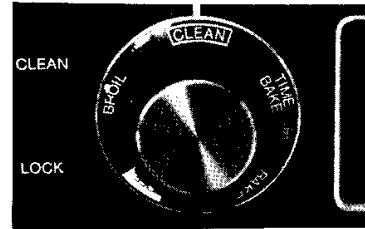


- If you intend to use grill when cleaning the oven, make sure grease container is empty to prevent a possible overflow.

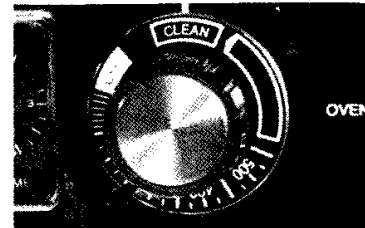
- DO NOT ATTEMPT TO CLEAN, RUB, OR APPLY WATER TO GASKET ON OVEN DOOR. The gasket is essential for a good door seal. Rubbing or cleaning will damage the gasket and may affect the seal.
- Wipe up excess grease and food spillovers which have not baked on the bottom of the oven. Large accumulations of soil can cause heavy smoke or fire in the oven during the cleaning process. For ease of cleaning, the heating element can be lifted slightly.
- Although smoke or fire in the oven is a normal occurrence and there is no safety problem, there will be venting of excessive smoke and odor. In the early stages of cleaning, smoke and odor can be removed from the kitchen by turning on the ventilation system.

Steps to Follow for Self-Cleaning Process

1. Turn SELECTOR knob to CLEAN.



2. Turn TEMPERATURE knob fully clockwise to CLEAN until it comes to a full stop. *The door cannot be locked if TEMPERATURE knob is not in the CLEAN position.*



3. To set timer for desired cleaning time, use one of the following procedures:

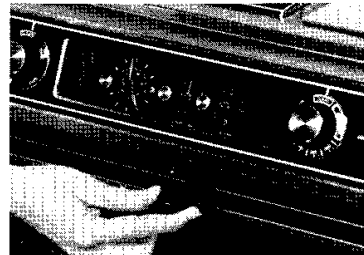
To set oven to start cleaning immediately:

- a. Check START TIME dial to be certain pointer is at the same time of day as the oven clock. If not, turn until knob pops out and cannot be turned.
- b. Push in and turn STOP TIME dial 2 to 2½ hours beyond time indicated on the clock to clean an average soiled oven. If heavily soiled, set ahead 3 hours.

To set oven to start cleaning at a later time:

- a. Push in and turn START TIME dial to the time desired for the self-cleaning process to begin.
- b. Push in and turn STOP TIME dial to 2 to 2½ hours beyond time set for start. If oven is heavily soiled, set ahead 3 hours.

4. Close oven door (if opened).



5. To lock door, move DOOR LOCK LEVER to the full right position.

6. The oven CLEAN LIGHT will glow when all steps are completed properly, except when set for a delayed start. The CLEAN LIGHT will come on when the cleaning process starts. The light goes off at the end of the time set on the clock.
7. The cleaning process begins immediately unless the self-cleaning process has been set for a delayed start. When the oven temperature reaches 550°, the LOCK LIGHT will glow and the door cannot be opened until the temperature drops below 550°F. DO NOT TRY TO UNLOCK THE DOOR WHILE LOCK LIGHT IS ON. The normal cleaning process takes the time selected on the clock plus about 45 minutes for the oven to cool down before the LOCK LIGHT goes out and the door can be opened.
8. After the LOCK LIGHT goes out, move the DOOR LOCK LEVER to the left. The oven door can now be opened. This step also stops the self-cleaning process.
9. Turn the SELECTOR and TEMPERATURE knobs from CLEAN to OFF *after the door is unlocked*.

IMPORTANT: IF THE TEMPERATURE KNOB IS TURNED TO OFF BEFORE THE DOOR IS UNLOCKED, *THE DOOR WILL NOT OPEN*. Forcing the lock will damage the lock mechanism. Return TEMPERATURE knob to CLEAN, unlock the door, then turn TEMPERATURE knob OFF.

NOTE: A fan comes on whenever the SELECTOR knob is set on CLEAN; therefore, the fan will continue to operate at the end of the cleaning process until the SELECTOR knob is turned OFF. The fan will also start as soon as the controls are set for a delayed start of the self-cleaning process.

To stop cleaning process before lock light comes on

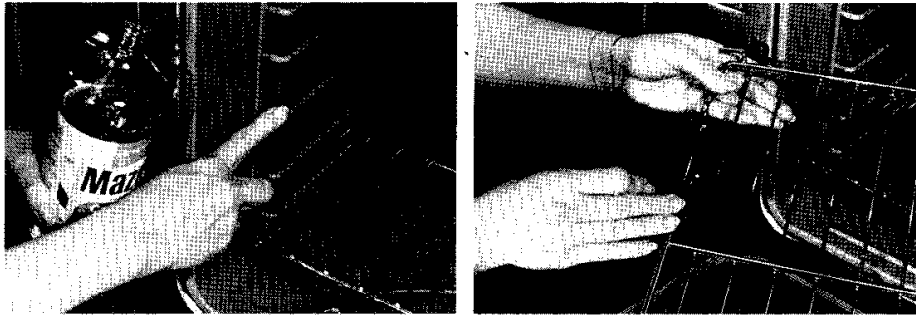
1. Move the DOOR LOCK LEVER to the left.
2. Turn SELECTOR and TEMPERATURE knobs from CLEAN to OFF.
3. Turn STOP TIME dial until it pops out. Pointer should be at the same time of day as the oven clock.

To stop cleaning process after lock light comes on

1. Turn the STOP TIME dial until the knob pops out and the CLEAN light goes out.
2. Leave the TEMPERATURE and SELECTOR knobs in the CLEAN position.
3. Allow oven to cool until the LOCK LIGHT goes out. This may take up to 45 minutes, depending on how long the oven has been on.
4. After LOCK LIGHT goes off, move the DOOR LOCK LEVER to the left.
5. Turn SELECTOR and TEMPERATURE knobs from CLEAN to OFF.

More Information on the Self-Cleaning Process

- A slight odor may be detected, and if an oven is heavily soiled, some smoke may be visible. Some smoke and odor during the cleaning process is a normal occurrence. Since the oven vent is located under the ventilation grille, vapors, moisture, etc. may be seen coming from this area. If the odor is strong or objectionable, turn on the ventilation system to exhaust odors outdoors.
- During the cleaning process, do not be alarmed if an occasional flame is visible through the oven window. This is caused by excessive food soil that was not removed before the oven was set to clean.
- SINCE THE DOOR AND WINDOW OF THE OVEN AND OVEN VENT WILL GET WARM DURING THE SELF-CLEANING PROCESS, AVOID CONTACT.
- Some types of soil may disintegrate but leave a light film or heavier deposit of ash. The amount of ash depends on the amount of soil which was in the oven. After oven has cooled, this ash may be removed with a damp sponge. If other dark deposits remain after wiping with a sponge, the time set for the length of cleaning was not enough. Increase the cleaning time for future cleanings or clean more frequently. The normal cleaning time is 2 to 2½ hours. More than 3 hours may be selected if necessary.



- If racks have been left in oven during the cleaning process, they should be treated as follows. After the cleaning process is completed and the oven has cooled, buff the underside of rack edges with Scotch-Brite scour-pad or rub *lightly* the underside of rack edges and the front edges of the rack supports with a coating of vegetable oil. Use a light application of oil so it does not soil the oven. As a suggestion, use fingertips to apply oil. This will make the cleaned racks slide more easily.
- To remove occasional spillovers between cleanings, use a soap-filled scouring pad or mild cleanser; rinse well.
- It is better to clean the oven regularly rather than wait until there is a heavy build up of soil in the oven.
- During the cleaning process, the kitchen should be well ventilated to help eliminate normal odors associated with cleaning.
- *Any attempt to force the self-clean DOOR LOCK LEVER to lock or unlock without electric power applied to the door or with the TEMPERATURE knob in any position other than CLEAN may result in damage to the door locking mechanism.*
- DO NOT USE COMMERCIAL OVEN CLEANERS IN OR AROUND THE SELF-CLEANING OVEN AREA.
- DO NOT USE ALUMINUM FOIL OR OTHER OVEN LINERS IN THE OVEN.



Other Hints on Caring for Your Range

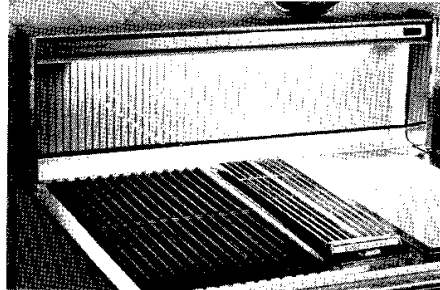
Lighted Backsplash Model A509 (optional accessory)

To turn on the light:

Depress the ON position (noted by raised dot on switch); hold in position momentarily and release.

To replace bulb:

Using both hands, rotate fluorescent tube a quarter turn towards you. Replace with a similar size 24" Cool White Fluorescent bulb by first inserting bulb prongs into sockets and then rotating towards the backsplash.

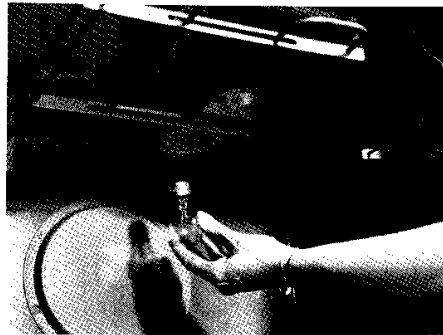


To clean backsplash:

Clean with mild detergent, 409, Grease Relief, or other nonabrasive cleansers. Do not clean with abrasive cleansers or steel wool since these will scratch the finish.

To Replace Oven Light Bulb

Before replacing bulb, *disconnect power to oven at the main fuse or circuit breaker panel.* Be sure bulb is cool before attempting to remove. To obtain firm grasp on bulb, wear protective rubber gloves. Remove by turning bulb to the left. Do not touch a hot oven light bulb with a damp cloth as bulb will break. If the bulb does break and you wish to remove it, be certain power supply is disconnected and wear protective gloves. You may contact your authorized Jenn-Air Service Contractor for service.



Replace bulb with a *40-watt appliance bulb.* Bulb with brass base is recommended to prevent fusing of bulb into socket.

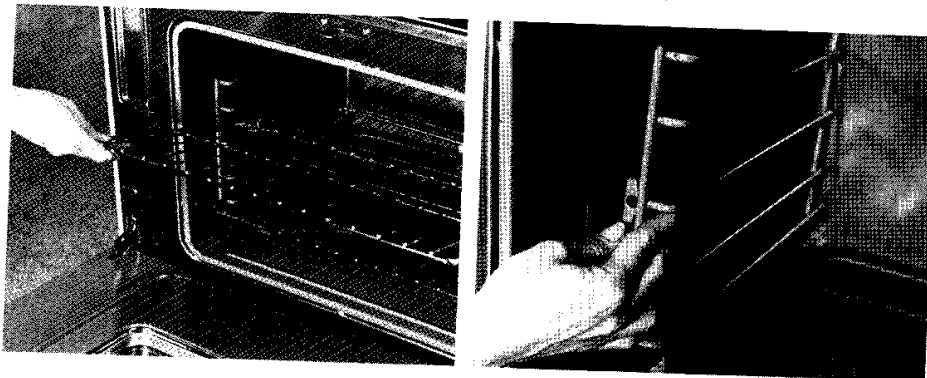
Access Door

The access door is easily removed to clean under the range if necessary. To remove door, pull door down and lift off pivot points. To replace door, slide door over pivot points; lift up and insert prongs into holes in the range.

To avoid the possibility of accidentally disconnecting any part of the ventilation system, do not use the area behind the access door for storage.



Oven Racks and Rack Supports



Oven Racks: To remove, pull forward to the "stop" position; lift up on the front of the rack and pull out.

Oven Rack Supports: To remove, lift support holders from slots at the front of the oven then move supports away from oven wall. Pull forward to remove from oven. To replace, reverse procedure. Be sure front supports are correctly in place so that racks will be level.

Oven Door

The oven door can be removed for ease in changing the light bulb or for ease in cleaning the area outside the door gasket that is normally not cleaned during the self-cleaning process. (See page 34.) *Do not immerse the oven door in water. Do not dampen the door gasket.*



To remove oven door: Open door to the broil stop position. Grasp door on each side and lift straight up and off the hinges. Oven door is heavy; lift carefully.

To replace oven door: Position slots in bottom of door over the hinges. Hinges should be in the broil stop position. If the hinges have snapped back against the frame, *carefully* pull them out with your hand. Lower door slowly and evenly over both hinges at the same time.

CAUTION: Be careful not to get hand or fingers caught between the door hinge and oven front.



Before You Call for Service

Check the following list to be sure a service call is really necessary. A quick reference of this manual, as well as reviewing additional information on items to check, may prevent an unneeded service call.

If nothing on the range operates:

- check for a blown circuit fuse or a tripped main circuit breaker.
- check if range is properly connected to electric circuit in house.

If ventilation fan does not operate but everything else on the range does:

- check behind lower access door if power cord to blower assembly has been disconnected.

If conventional coil or grill heating element does not get hot enough:

- check if heating element is plugged in solidly.
- surface controls may not be set properly.
- voltage to house may be low.

If ventilation system is not capturing smoke efficiently:

- check on cross ventilation in room or make up air.
- excessive amount of smoke is being created; check instructions for grilling, trimming meats.
- outside wall cap may be trapped shut.
- range may be improperly installed; check installation instructions.

If oven does not heat:

- the SELECTOR and/or TEMPERATURE knobs may be set incorrectly.
- clock controls may be set for delayed start of oven.

If the oven light does not work:

- the light bulb is loose or defective.
- oven light does not work during self-cleaning process.

If oven will not go through self-cleaning process:

- controls may be improperly set.
- door may not be locked.
- check the clock controlled settings and the current time of day on the clock.

If oven did not clean properly:

- oven may need longer cleaning time.
- excessive spills were not removed prior to self-cleaning process.
- one or several controls may have been turned from CLEAN to another position after self-cleaning process started.

If oven door will not unlock:

- oven may not have cooled to safe temperature after self-cleaning process.
- TEMPERATURE knob may have been switched from CLEAN position.
- electric current coming into the oven may be off.

If foods do not broil properly:

- the SELECTOR and/or TEMPERATURE knobs may not be set properly.
- check rack position.
- voltage into house may be low.

If baked food is burned or too brown on top:

- the SELECTOR knob may be in the BROIL position.
- food may be positioned incorrectly in oven.
- oven not preheated properly.

If foods bake unevenly:

- the range may be installed improperly.
- check the oven rack with a level.
- racks or rack supports may be improperly installed.
- stagger utensils; do not allow utensils to touch each other or oven wall.
- check instructions for suggested placement of utensils on oven rack.

If oven baking results are less than expected:

- the utensils being used may not be of the size or material recommended for best results.
- there may not be sufficient room around sides of the pans for proper air circulation in the oven.
- check instructions for preheating, rack position and oven temperature.
- oven vent may have been blocked or covered.

If baking results differ from previous oven:

- oven thermostat calibration may differ between old and new ovens. Follow recipe and use and care directions before calling for service since the calibration on the previous oven may have drifted to a too high or too low setting.

If You Need Service

- call the authorized Jenn-Air Service Contractor listed in the Yellow Pages or the dealer from whom your appliance was purchased.
- your Jenn-Air Service Contractor can provide better and faster service if you can accurately describe problems and give model and serial number of the appliance. Be sure to retain proof of purchase to verify warranty status. Refer to WARRANTY for further information of owner's responsibilities for warranty service.

NOTE: Complete service information, warranty service term, and parts list information are available from the Jenn-Air Corporation to any qualified appliance service contractor requesting it.

All specifications subject to change by manufacturer without notice.

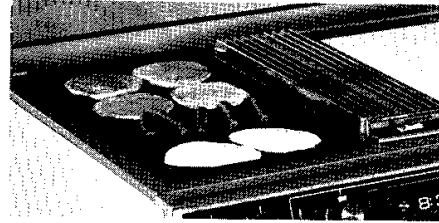


Accessories

Griddle

For all your favorite fried foods. Family-sized 180 sq. in. surface. Has a black non-stick finish. Self draining.

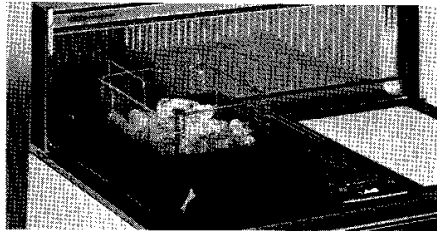
Model A300



French Fryer/Cooker

Ideal for hors d'oeuvres or anything you french fry or stew. Includes large fry basket, temperature gauge and transparent cover. Attractive black non-stick finish.

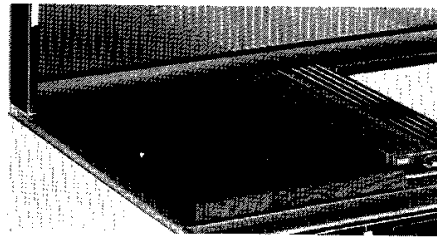
Model A330



Grill Cover

Attractive grill cover protects grill when not in use. Functional black textured steel with walnut stained wood handles.

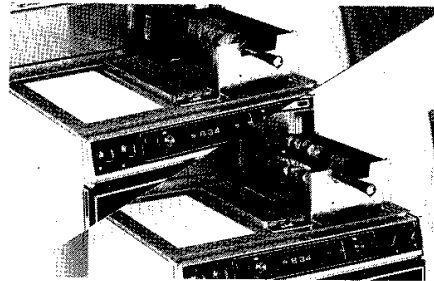
Model A340



Two-in-One Combination Accessory Rotiss/Kebab

Enjoy the great flavor of rotissised foods indoors all year 'round and make parties more fun by serving attractive shish kebabs. Includes chrome finish motor, rotiss, shish kebab skewers, all brackets and accessories. Folds for easy storage.

Model A311



Wok Plug-in Cooktop Accessory

Can not be used with glass-ceramic cooktop. Includes special plug-in contoured element that installs in conventional element cooktop cartridge for *ideal* heat transfer. Deluxe wok has non-stick finish, wood handles, cover, racks for steaming and deep frying, bamboo rice paddles, cooking tips and recipes.

Model A140



Plug-in Grill Assembly

Grill assemblies include one plug-in element, two grill-rock cartridges and two black anodized aluminum grates to convert either side of your grill-range to a grill. A storage tray is included. (Tray is *not* included with grill shipped with your grill-range.)



“Energy-Saver” Model. 2800 watt grill element permits you to control temperatures under front and rear grills independently.
Model A151

Standard Model. 2800 watt grill element distributes heat under entire grill area.
Model A150

Complete Cooking with Jenn-Air

This outstanding new cookbook by Jenn-Air features many invaluable recipes and cooking tips when using your Jenn-Air grill, accessories or selective-use convection oven. 192 pages.

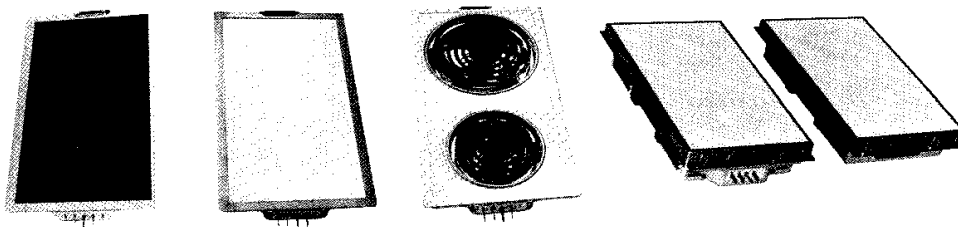
Model A905

Storage Tray

To store grill assembly which came with range or a glass-ceramic or conventional coil cartridge.

Model A350

Cooktop Cartridges



Black Glass-Ceramic

White Glass-Ceramic

Conventional Electric

Induction

ONE twin element plug-in cooktop cartridge

ONE twin element plug-in cooktop cartridge

ONE twin element plug-in cooktop cartridge

ONE twin element plug-in cooktop cartridge*

No. A120

No. A111

No. A100

No. A130F

No. A130R

* Available late 1983

Jenn-Air
FULL ONE-YEAR WARRANTY
LIMITED SECOND AND THIRD YEAR WARRANTY ON
MAGNETRON TUBE AND GLASS CARTRIDGE

FULL ONE-YEAR WARRANTY: For a period of one (1) year from the date of original purchase, Jenn-Air Corporation will repair or replace any defective parts free of any charge.

LIMITED SECOND AND THIRD YEAR WARRANTY: During the second and third year from the date of original purchase, Jenn-Air Corporation will repair or replace:

- the Magnetron tube in microwave ovens which fails due to a manufacturing defect. In this event, a replacement Magnetron tube will be exchanged for the original. Labor costs, cartage and serviceman's travel charges are not covered after the first year.
- the glass-ceramic in glass-ceramic cartridges which fails due to thermal breakage because of defects in materials and workmanship. In this event, a replacement glass-ceramic surface will be exchanged for the original. Labor costs, cartage and serviceman's travel charges are not covered after the first year.

Under the full warranty, service must be performed by an authorized Jenn-Air Service Contractor.

WARRANTY SERVICE: Contact the dealer from which you purchased the unit, an authorized Jenn-Air Service Contractor, or contact Jenn-Air by writing the Jenn-Air Consumer Services Department, at Jenn-Air Corporation, 3035 Shadeland Avenue, Indianapolis, Indiana 46226. Please be sure to include Model Number, Serial Number and date of original purchase. Service will be provided during normal business hours. All replacement parts assume the unused portion of this warranty.

OWNER'S RESPONSIBILITIES include providing normal care and maintenance, providing proof of purchase on request, replacing grates, filters, glass, etc. that fail as a result of misuse of the appliance, and having the appliance reasonably accessible for service if the defective part cannot easily be brought to an authorized Jenn-Air Service Contractor. Under the limited warranty, owner is responsible for travel, labor and cartage costs.

OTHER CONDITIONS: The warranty begins on the date of original purchase and applies only to normal home use within the United States of America, including Alaska and Hawaii. The warranty shall not apply if the serial number is defaced, if service is provided by someone other than an authorized Jenn-Air Service Contractor, where the defect is due to damage, product alteration, accident, abuse or connection to an improper electrical supply, or where the product is not used in accordance with use and care instructions or the installation does not comply with Jenn-Air installation instructions.

IN NO EVENT SHALL JENN-AIR CORPORATION BE RESPONSIBLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion, or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

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