



Operating Instructions

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Write the model and serial numbers here:

Model # _____

Serial # _____

You can find them on a label behind the range door.

Owner's Manual

JMP28 JMP31



A WARNING!

For your safety, the information in this manual must be followed to minimize the risk of fire, electric shock, or to prevent property damage, personal injury, or loss of life.



Safety Instructions

IMPORTANT SAFETY NOTICE

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

The fiberglass insulation in self-clean ovens gives off a very small amount of carbon monoxide during the cleaning cycle. Exposure can be minimized by venting with an open window or using a ventilation fan or hood.



SAFETY PRECAUTIONS

When using electrical appliances, basic safety precautions should be followed, including the following:

- Use this appliance only for its intended purpose as described in this Owner's Manual.
- Be sure your appliance is properly installed and grounded by a qualified installer in accordance with the provided installation instructions.
- Have the installer show you the location of the circuit breaker or fuse. Mark it for easy reference.
- Do not attempt to repair or replace any part of your range unless it is specifically recommended in this manual. All other servicing should be referred to a qualified technician.
- Do not store flammable materials in an oven or near the cooktop.
- Before performing any service, disconnect the range power supply at the household distribution panel by removing the fuse or switching off the circuit breaker.
- Do not leave children alone—children should not be left alone or unattended in an area where an appliance is in use. They should never be allowed to sit or stand on any part of the appliance.

- Do not allow anyone to climb, stand or hang on the door or cooktop. They could damage the range and cause severe personal injury.
- Teach children not to play with the controls or any other part of the range.
- **CAUTION:** Items of interest to children should not be stored in cabinets above a range—children climbing on the range to reach items could be seriously injured.
- Never wear loose-fitting or hanging garments while using the appliance. Be careful when reaching for items stored over the range. Flammable material could be ignited if brought in contact with hot surface units or heating elements and may cause severe burns.
- Use only dry pot holders—moist or damp pot holders on hot surfaces may result in burns from steam. Do not let pot holders touch hot surface units or heating elements. Do not use a towel or other bulky cloth in place of pot holders.
- For your safety, never use your appliance for warming or heating the room.

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Safety Instructions

IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.



A WARNING! SAFETY PRECAUTIONS

- Do not let cooking grease or other flammable materials accumulate in or near the range.
- Never leave jars or cans of fat drippings in or near your range.
- Keep the hood and grease filters clean to maintain good venting and to avoid grease fires.
- Do not use water on grease fires. Never pick up a flaming pan. Turn the controls off. Smother a flaming pan on a surface unit by covering the pan completely with a well-fitting lid, cookie sheet or flat tray. Use a multi-purpose dry chemical or foam-type fire extinguisher.

Flaming grease outside a pan can be put out by covering it with baking soda or, if available, by using a multi-purpose dry chemical or foam-type fire extinguisher.

Flame in the oven can be smothered completely by closing the oven door and turning the oven off or by using a multi-purpose dry chemical or foam-type fire extinguisher.

Do not store or use combustible materials, gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

- Always keep dish towels, dish cloths, pot holders and other linens a safe distance from your range.
- Always keep wooden and plastic utensils and canned food a safe distance from your range.
- Always keep combustible wall coverings, curtains or drapes a safe distance from your range.
- Do not touch the surface units, the heating elements or the interior surface of the oven. These surfaces may be hot enough to burn even though they are dark in color. During and after use, do not touch, or let clothing or other flammable materials contact, the surface units, areas nearby the surface units or any interior area of the oven; allow sufficient time for cooling first.

Potentially hot surfaces include the cooktop, areas facing the cooktop, oven vent opening, surfaces near the opening, crevices around the oven door and metal trim parts above the door.

REMEMBER: The inside surface of the oven may be hot when the door is opened.



COOK MEAT AND POULTRY THOROUGHLY

Cook meat and poultry thoroughly—meat to at least an INTERNAL temperature of 160°F and poultry to at least an INTERNAL temperature of 180°F. Cooking to these temperatures usually protects against foodborne illness.

Care and Cleaning

Troubleshooting Tips

Care and Cleaning



OVEN

- Stand away from the range when opening the oven door. Hot air or steam which escapes can cause burns to hands, face and/or eyes.
- Do not heat unopened food containers. Pressure could build up and the container could burst, causing an injury.
- Keep the oven vent unobstructed.
- Keep the oven free from grease buildup.
- Place the oven shelf in the desired position while the oven is cool. If shelves must be handled when hot, do not let pot holder contact the heating elements.
- Pulling out the shelf to the stop-lock is a convenience in lifting heavy foods. It is also a precaution against burns from touching hot surfaces of the door or oven walls.

- When using cooking or roasting bags in the oven, follow the manufacturer's directions.
- Do not use the oven to dry newspapers. If overheated, they can catch on fire.
- Do not use the oven for a storage area. Items stored in an oven can ignite.
- Do not leave paper products, cooking utensils or food in the oven when not in use.
- After broiling, always take any broiler pan out of the range and clean it. Leftover grease in a broiler pan can catch on fire the next time you use the pan.
- Do not use aluminum foil to line oven bottoms. Improper installation of aluminum foil may result in a risk of electric shock or fire.



Clean only parts listed in this Owner's Manual.

move the gasket.

- Do not use oven cleaners. No commercial oven cleaner or oven liner protective coating of any kind should be used in or around any part of the oven. Residue from oven cleaners will damage the inside of the oven when the self-clean cycle is used.
- Before self-cleaning the oven, remove shiny, silver-colored oven shelves (on some models) and all other cookware.
- Be sure to wipe up excess spillage before starting the self-cleaning operation.
- If the self-cleaning mode malfunctions, turn the oven off and disconnect the power supply. Have it serviced by a qualified technician.

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IMPORTANT SAFETY INFORMATION. READ ALL INSTRUCTIONS BEFORE USING.



A WARNING! SURFACE COOKING UNITS

Use proper pan size—select cookware having flat bottoms large enough to cover the surface unit heating element. The use of undersized cookware will expose a portion of the surface unit to direct contact and may result in ignition of clothing. Proper relationship of cookware to surface unit will also improve efficiency.

- Never leave the surface units unattended at high heat settings. Boilovers cause smoking and greasy spillovers that may catch on fire.
- Do not use aluminum foil to line the drip pans or anywhere in the oven, except as described in this manual. Misuse could result in a shock, fire hazard or damage to the range.
- Be sure the drip pans and the vent duct are not covered and are in place. Their absence during cooking could damage range parts and wiring.
- Only certain types of glass, glass/ceramic, earthenware or other glazed containers are suitable for cooktop service; others may break because of the sudden change in temperature.
- To minimize the possibility of burns, ignition of flammable materials and spillage, the handle of a container should be turned toward the center of the range without extending over nearby surface units.
- Always turn the surface units off before removing cookware.
- Do not immerse or soak the removable surface units. Do not put them in a dishwasher. Do not self-clean the surface units in the oven.
- Always heat fat slowly, and watch as it heats.
- Do not flame foods on the cooktop. If you do flame foods under the hood, turn the fan on.

- To avoid the possibility of a burn or electric shock, always be certain that the controls for all surface units are at the *OFF* position and all coils are cool before attempting to lift or remove a unit.
- Clean the cooktop with caution. If a wet sponge is used to wipe spills on a hot cooktop, be careful to avoid steam burns.
- Keep an eye on foods being fried at high or medium high heat settings.
- Foods for frying should be as dry as possible. Frost on frozen foods or moisture on fresh foods can cause hot fat to bubble up and over the sides of the pan.
- Use little fat for effective shallow or deep fat frying. Filling the pan too full of fat can cause spillovers when food is added.
- If a combination of oils or fats will be used in frying, stir together before heating, or as fats melt slowly.
- Use a deep fat thermometer whenever possible to prevent overheating fat beyond the smoking point.
- Carefully watch for spillovers or overheating of foods when frying at high or medium high temperatures.
- Never try to move a pan of hot fat, especially a deep fat fryer. Wait until the fat is cool.
- Do not allow water, other liquids or grease to remain on the cooktop or the control panel.

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READ AND FOLLOW THIS SAFETY INFORMATION CAREFULLY. SAVE THESE INSTRUCTIONS

Using the surface units.

Throughout this manual, features and appearance may vary from your model.

LO OFF HI MED

Be sure you turn the control knob to OFF when you finish cooking.

How to Set

Push the knob in and turn in either direction to the setting you want.

At both **OFF** and **HI** the control **clicks** into position. You may hear slight **clicking** sounds during cooking, indicating the control is keeping the power level you set.

A surface unit **ON** indicator light will glow when **any** surface unit is on.



Not over 1".

Surface Cookware Tips

Use medium- or heavy-weight cookware. Aluminum cookware conducts heat faster than other metals. Cast-iron and coated cast-iron cookware are slow to absorb heat, but generally cook evenly at low to medium heat settings. Steel pans may cook unevenly if not combined with other metals. For best cooking results, pans should be flat on the bottom. Match the size of the saucepan to the size of the surface unit. The pan should not extend over the edge of the surface unit more than 1".

Use only flat-bottomed woks.

Wok Cooking

We recommend that you use only a flat-bottomed wok. They are available at your local retail store.

Do not use woks that have support rings. Use of these types of woks, with or without the ring in place, can be dangerous. Placing the ring over the surface unit will cause a build-up of heat that will damage the porcelain cooktop. Do not try to use such woks without the ring. You could be seriously burned if the wok tipped over.

Deep Fat Frying

Do not overfill cookware with fat that may spill over when adding food. Frosty foods bubble vigorously. Watch food frying at high temperatures. Keep range and hood clean from grease. Safety Instructions

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Using the oven controls.

Throughout this manual, features and appearance may vary from your model.



Oven Control, Clock and Timer Features and Settings

BAKE Pad Press this pad to select the bake function.

BROIL HI/LO Pad

Press this pad to select the broil function.

Display

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Shows the time of day and the time set for the timer.

If "F—and a number or letter" flash in the display and the oven control signals, this indicates a function error code.

If your oven was set for a timed oven operation when the power outage occurred, the clock and all programmed functions must be reset.

The time of day will flash in the display when there has been a power outage.



COOKING TIME Pad

Press this pad and then press the *INCREASE* or *DECREASE* pads to set the amount of time you want your food to cook. The oven will shut off when the cooking time has run out.

DELAY START Pad

Press this pad and the *INCREASE* or *DECREASE* pads to delay the starting of your oven up to 9 hours and 59 minutes.



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CLOCK Pad

Press this pad before setting the clock.



Press this pad to select the timer feature.



START Pad

Must be pressed to start any cooking or cleaning function.



DECREASE Pad

Short taps to this pad will decrease the time or temperature by small amounts. Press and hold the pad to decrease the time or temperature by larger amounts.

INCREASE Pad

Short taps to this pad will increase the time or temperature by small amounts. Press and hold the pad to increase the time or temperature by larger amounts.



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CLEAR/OFF Pad

Press this pad to cancel **ALL** oven operations except the clock and timer.



SELF CLEAN Pad

Press this pad to select the self-cleaning function. See the *Using the self-cleaning oven* section.



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Special features of your oven control.





The display will show LOC ON.

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mode.

Press the START pad to activate the

control lockout feature and leave the control set in this special features

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Special features of your oven control.



Tones at the End of a Timed Cycle

At the end of a timed cycle, 3 short beeps will sound followed by one beep every 6 seconds until the CLEAR/OFF pad is pressed. This continual 6-second beep may be canceled.

To cancel the 6-second beep:

- Press the **BAKE** and **BROIL HI/LO** pads at the same time for 3 seconds until the display shows **SF**.
- Press the *KITCHEN TIMER ON/OFF* pad. The display shows *CON BEEP* (continual beep). Press the *KITCHEN TIMER ON/OFF* pad again. The display shows *BEEP*. (This cancels the one beep every 6 seconds.)
- Press the **START** pad.



12-Hour, 24-Hour or Clock Blackout

Your control is set to use a 12-hour clock.

If you would prefer to have a 24-hour military time clock or black out the clock display, follow the steps below.

- Press the **BAKE** and **BROIL HI/LO** pads at the same time for 3 seconds until the display shows **SF**.
- Press the **CLOCK** pad once. The display will show **12 hr**. If this is the choice you want, press the **START** pad.

Press the **CLOCK** pad again to change to the 24-hour military time clock. The display will show **24 hr**. If this is the choice you want, press the **START** pad.

Press the **CLOCK** pad again to black out the clock display. The display will show **OFF**. If this is the choice you want, press the **START** pad.

NOTE: If the clock is in the blackout mode you will not be able to use the Delay Start function.

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Cook and Hold

Your new control has a cook and hold feature that keeps cooked foods warm for up to 3 hours after the cooking function is finished.

This feature can be used only at the end of a timed baking cycle which has an automatic stop.

To activate this feature, follow the steps below.

- Press the **BAKE** and **BROIL HI/LO** pads at the same time for 3 seconds until the display shows **SF**.
- Press the **COOKING TIME** pad. The display will show **HId OFF**.

Press the **COOKING TIME** pad again to activate the feature. The display will show **HId ON**.

Press the **START** pad to activate the cook and hold feature and leave the control set in this special features mode.

BAKE + BROIL HI/LO CO START

Changing the Speed of the Increase or Decrease Pads

As you use the INCREASE or DECREASE pads when setting a time or temperature, you may notice the display changes slowly. This special feature allows you to change the speed.

To set the speed you prefer, follow the steps below.

- Press the **BAKE** and **BROIL HI/LO** pads at the same time for 3 seconds until the display shows **SF**.
- Press the **INCREASE** pad. The display will show you a set speed between 1 and 5.
- **3** Press the **INCREASE** pad to increase the speed up to the number 5.

Press the **DECREASE** pad to decrease the speed down to the number 1.

Press **START** to activate the setting and leave the control set in this special features mode. **Troubleshooting Tips**

Using the oven.

To avoid possible burns, place the shelves in the desired position before you turn the oven on.



Before you begin...

The shelves have stop-locks, so that when placed correctly on the supports, they will stop before coming completely out, and will not tilt.

When placing and removing cookware, pull the shelf out until it stops.

To remove a shelf, pull it toward you, tilt the front end up and pull it out.

To replace, place the end of the shelf (stop-locks) on the support, tilt up the front and push the shelf in.

The oven has 4 shelf positions.



How to Set the Oven for Baking or Roasting

Press the **BAKE** pad.

Press the **INCREASE** or **DECREASE** pad to set the oven temperature.

To change the oven temperature during the Bake cycle, press the BAKE pad and set the new temperature.

- *Press the START* pad. When the oven starts to heat, the changing temperature will be in the display. The display starts changing once the temperature reaches 100°F.
- Press the **CLEAR/OFF** pad when baking is finished.

Type of Food	Shelf Position
Frozen pies (on cookie sheet)	B or C
Angel food cake, bundt or pound cakes	А
Biscuits, muffins, brownies, cookies, cupcakes, layer cakes, pies	B or C
Casseroles	B or C

NOTE: A cooling fan may automatically turn on and off to cool internal parts. This is normal, and the fan may continue to run even after the oven is turned off.

Preheating and Pan Placement

Preheat the oven if the recipe calls for it. Preheating is necessary for good results when baking cakes, cookies, pastry and breads.

To preheat, set the oven at the correct temperature. The control will beep when the oven is preheated and the display will show your set temperature. This will take approximately 10–15 minutes. Baking results will be better if baking pans are centered in the oven as much as possible. Pans should not touch each other or the walls of the oven. If you need to use two shelves, stagger the pans so one is not directly above the other, and leave approximately 1½" between pans, from the front, back and sides of the wall.

Aluminum Foil

Do not use aluminum foil on the bottom of the oven.

Never entirely cover a shelf with aluminum foil. This will disturb the heat circulation and result in poor baking. A smaller sheet of foil may be used to catch a spillover by placing it on a lower shelf several inches below the food.

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Leave the door open to the broil stop position. The door stays open by itself, yet the proper temperature is maintained in the oven.

How to Set the Oven for Broiling

- Place the meat or fish on a broiler grid in a broiler pan designed for broiling.
- Follow suggested shelf positions in the *Broiling Guide*.

If your oven is connected to 208 volts, rare steaks may be broiled by preheating the broiler and positioning the oven shelf one position higher.

Use *L0 Broil* to cook foods such as poultry or thick cuts of meat thoroughly without over-browning them.

Broiling Guide

Bress the BROIL HI/LO pad once for *HI Broil.*

To change to **LO Broil**, press the **BROIL HI/LO** pad again.

- Press the **START** pad.
- *Clear/off* pad.

Food	Quantity and/ or Thickness	Shelf Position	First Side Time (min.)	Second Side Time (min.)	Comments
Bacon	1/2 lb. (about 8 thin slices)	С	41/2	41/2	Arrange in single layer.
Ground Beef Well Done	1 lb. (4 patties) 1/2 to 3/4" thick	C	10	7	Space evenly. Up to 8 patties take about the same time.
Beef Steaks Rare Medium Well Done	1" thick 1 to 1½ lbs.	C C C	6 8 12	5 6 11	Steaks less than 1" thick cook through before browning. Pan frying is recommended. Slash fat.
Rare Medium Well Done	1½" thick 2 to 2½ lbs.	C C C	10 15 25	7–8 14–16 20–25	
Chicken	1 whole 2 to 2½ lbs., split lengthwise	A	35	10–15	Reduce time about 5 to 10 minutes per side for cut-up chicken. Brush each side with melted butter. Broil skin-side-down first.
Lobster Tails	2–4 6 to 8 oz. each	В	13–16	Do not turn over.	Cut through back of shell. Spread open. Brush with melted butter before broiling and after half of broiling time.
Fish Fillets	1/4 to 1/2" thick	C	5	5	Handle and turn very carefully. Brush with lemon butter before and during cooking, if desired. Preheat broiler to increase browning.
Ham Slices (precooked)	1" thick	В	8	8	Increase time 5 to 10 minutes per side for 1½" thick or home- cured ham.
Pork Chops Well Done	2 (1/2" thick) 2 (1" thick) about 1 lb.	C B	10 13	10 13	Slash fat.
Lamb Chops Medium Well Done Medium Well Done	2 (1" thick) about 10 to 12 oz. 2 (1½" thick) about 1 lb.	C C C B	10 12 14 17	9 10 12 12–14	Slash fat.

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Using the clock and timer.



Make sure the clock is set to the correct time of day.

To Set the Clock

The clock must be set to the correct time of day for the automatic oven timing functions to work properly. The time of day cannot be changed during a timed baking or self-cleaning cycle. Press the **CLOCK** pad.

- Press the **INCREASE** or **DECREASE** pads.
- **3** Press the **START** pad.



The timer is a minute timer only. The timer does not control oven operations. The maximum setting on the timer is 9 hours and 59 minutes.

To Set the Timer

- Press the **KITCHEN TIMER ON/OFF** pad.
- Press the **INCREASE** or **DECREASE** pads until the amount of time you want shows in the display.

If you make a mistake press the *KITCHEN TIMER ON/OFF* pad and begin again.

3 Press the **START** pad.

When the timer reaches *:00*, the control will beep 3 times followed by one beep every 6 seconds until the *KITCHEN TIMER ON/OFF* pad is pressed.

The 6-second tone can be canceled by following the steps in the Special features of your oven control section under Tones at the End of a Timed Cycle.

To Reset the Timer

If the display is still showing the time remaining, you may change it by pressing the *KITCHEN TIMER ON/OFF* pad, then press the *INCREASE* or *DECREASE* pads until the time you want appears in the display. If the remaining time is not in the display (clock, delay start or cooking time are in the display), recall the remaining time by pressing the *KITCHEN TIMER ON/OFF* pad and then pressing the *INCREASE* or *DECREASE* pads to enter the new time you want.

To Cancel the Timer

Press the *KITCHEN TIMER ON/OFF* pad twice.

Power Outage

After a power outage, when power is restored the display will flash and time shown will no longer be correct—for example, after a 5-minute power interruption the clock will be 5 minutes slow.

The display flashes until the clock is reset. All other functions that were in operation when the power went out will have to be programmed again.

Operating Instructions

Using the timed baking and roasting features. (on some models)

NOTE: Foods that spoil easily–such as milk, eggs, fish, stuffings, poultry and pork–should not be allowed to sit for more than 1 hour before or after cooking. Room temperature promotes the growth of harmful bacteria. Be sure that the oven light is off because heat from the bulb will speed harmful bacteria growth.

The low temperature zone of this range (between 170°F and 200°F) is available to keep hot cooked foods warm. Food kept in the oven longer than 2 hours at these low temperatures may spoil.

How to Set an Immediate Start and Automatic Stop

The oven will turn on immediately and cook for a selected length of time. At the end of the cooking time the oven will turn off automatically.

- 1 Press the **BAKE** pad.
- Using the **INCREASE** or **DECREASE** pads, enter the desired temperature.
- **3** Press the **COOKING TIME** pad.

NOTE: If your recipe requires preheating, you may need to add additional time to the length of the cooking time.

- Using the **INCREASE** or **DECREASE** pads, enter the desired baking time. The oven temperature and the cooking time that you entered will be displayed.
- 5 Press the **START** pad.

The display shows the oven temperature that you set and the cooking time countdown. The display starts changing once the temperature reaches 100°F.

The oven will continue to cook for the programmed amount of time, then shut off automatically.

Press the *CLEAR/OFF* pad to clear the display.

How to Set a Delayed Start and Automatic Stop

You can set the oven control to delay-start the oven, cook for a specific length of time and then turn off automatically.

Make sure the clock shows the correct time of day.

- 7 Press the **BAKE** pad.
- Using the **INCREASE** or **DECREASE** pads, enter the desired temperature.
- [3] Press the **COOKING TIME** pad.

NOTE: If your recipe requires preheating, you may need to add additional time to the length of the cooking time.

- **4** Using the **INCREASE** or **DECREASE**
- pads, enter the desired baking time.
- **5** Press the **DELAY START** pad.
- Using the *INCREASE* or *DECREASE* pads, enter the time of day you want the oven to turn on and start cooking.

Press the **START** pad.

NOTE: An attention tone will sound if you are using timed baking and do not press the START pad after entering the baking temperature.

If you would like to check the times you have set, press the **DELAY START** pad to check the start time you have set or press the **COOKING TIME** pad to check the length of cooking time you have set.

When the oven turns on at the time of day you have set, the display will show the changing temperature (starting at 100°F) and the cooking time countdown.

At the end of timed baking, the oven will turn off. The end of cycle tone will sound.

Press the **CLEAR/OFF** pad to clear the display.

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BAKE

COOKING

TIME

START



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Adjust the oven thermostat—Do it yourself!

You may find that your new oven cooks differently than the one it replaced. Use your new oven for a few weeks to become more familiar with it. If you still think your new oven is too hot or too cold, you can adjust the thermostat yourself.

Do not use thermometers, such as those found in grocery stores, to check the temperature setting of your oven. These thermometers may vary 20–40 degrees.

NOTE: This adjustment will not affect the broiling or the self-cleaning temperatures. The adjustment will be retained in memory after a power failure.



The type of margarine will affect baking performance!

Most recipes for baking have been developed using high fat products such as butter or margarine (80% fat). If you decrease the fat, the recipe may not give the same results as with a higher fat product.

Recipe failure can result if cakes, pies, pastries, cookies or candies are made with low fat spreads. The lower the fat content of a spread product, the more noticeable these differences become.

Federal standards require products labeled "margarine" to contain at least 80% fat by weight. Low fat spreads, on the other hand, contain less fat and more water. The high moisture content of these spreads affects the texture and flavor of baked goods. For best results with your old favorite recipes, use margarine, butter or stick spreads containing at least 70% vegetable oil.

Care and Cleaning

Troubleshooting Tips

The oven door must be closed and all controls must be set correctly for the cycle to work properly.



Wipe up heavy soil on the oven bottom. (appearance may vary)

Before a Clean Cycle

We recommend venting your kitchen with an open window or using a ventilation fan or hood during the first self-clean cycle.

Remove shelves, broiler pan, broiler grid, all cookware and any aluminum foil from the oven.

The shiny, silver-colored oven shelves (on some models) can be self-cleaned, but they will darken, lose their luster and become hard to slide.

Soil on the front frame of the range and outside the gasket on the door will need to be cleaned by hand. Clean these areas with hot water, soap-filled steel-wool pads or cleansers such as Soft Scrub[®]. Rinse well with clean water and dry. Do not clean the gasket. The fiberglass material of the oven door gasket cannot withstand abrasion. It is essential for the gasket to remain intact. If you notice it becoming worn or frayed, replace it.

Wipe up any heavy spillovers on the oven bottom.

Make sure the oven light bulb cover is in place and the oven light is off.

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



How to Set the Oven for Cleaning

- Press the **SELF CLEAN** pad.
- Using the **INCREASE** or **DECREASE** pads, enter the desired clean time, if a time other than 4 hours is needed.

Clean cycle time is normally 4 hours. You can change the clean time to any time between 3 hours and 5 hours, depending on how dirty your oven is.

Press the **START** pad.

The door locks automatically. The display will show the clean time remaining. It will not be possible to open the oven door until the temperature drops below the lock temperature and the *LOCKED DOOR* light goes off.

The oven shuts off automatically when the clean cycle is complete.

When the *LOCKED DOOR* light is off, open the door.

- The words *LOCK DOOR* will flash and the oven control will signal if you set the clean cycle and forget to close the oven door.
- To stop a clean cycle, press the **CLEAR/OFF** pad. When the **LOCKED DOOR** light goes off indicating the oven has cooled below the locking temperature, open the door.

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Using the self-cleaning oven.

SELF CLEAN

DELAY

START

START

The oven door must be closed and all controls must be set correctly for the cycle to work properly.



Make sure the clock shows the correct time of day.

- Press the **SELF CLEAN** pad.
- Using the **INCREASE** or **DECREASE**
- pads, enter the desired clean time.
- Press the **DELAY START** pad. The earliest start time you can set will appear in the display.
- Using the *INCREASE* or *DECREASE* pads, enter the time of day you want the clean cycle to start.
- 5 Press the **START** pad.

The door locks automatically. The display will show the start time. It will not be possible to open the oven door until the temperature drops below the lock temperature and the **LOCKED DOOR** light goes off.

The oven shuts off automatically when the clean cycle is complete.

When the *LOCKED DOOR* light is off, open the door.

After a Clean Cycle

You may notice some white ash in the oven. Wipe it up with a damp cloth after the oven cools.

If white spots remain, remove them with a soapfilled steel wool pad and rinse thoroughly with a vinegar and water mixture.

These deposits are usually a salt residue that cannot be removed by the clean cycle.

If the oven is not clean after one clean cycle, repeat the cycle.

- You cannot set the oven for cooking until the oven is cool enough for the door to unlock.
- While the oven is self-cleaning, you can press the *CLOCK* pad to display the time of day. To return to the clean countdown, press the *COOKING TIME* pad.
- If the shelves become hard to slide, apply a small amount of vegetable oil or cooking oil to a paper towel and wipe the edges of the oven shelves with the paper towel.

Care and Cleaning

Be sure electrical power is off and all surfaces are cool before cleaning any part of the range.

How to Remove Protective Shipping Film and Packaging Tape

Carefully grasp a corner of the protective shipping film with your fingers and slowly peel it from the appliance surface. Do not use any sharp items to remove the film. Remove all of the film before using the appliance for the first time. To assure no damage is done to the finish of the product, the safest way to remove the adhesive from packaging tape on new appliances is an application of a household liquid dishwashing detergent. Apply with a soft cloth and allow to soak.

NOTE: The adhesive must be removed from all parts. It cannot be removed if it is baked on.

Control Panel

It's a good idea to wipe the control panel after each use. Clean with mild soap and water or vinegar and water, rinse with clean water and polish dry with a soft cloth. Do not use abrasive cleansers, strong liquid cleansers, plastic scouring pads or oven cleansers on the control panel—they will damage the finish. A 50/50 solution of vinegar and hot water works well.



Control Knobs

The control knobs may be removed for easier cleaning.

Make sure the knobs are in the **OFF** positions and pull them straight off the stems for cleaning.

The knobs can be cleaned in a dishwasher or they may also be washed with soap and water. Make sure the insides of the knobs are dry before replacing.

Replace the knobs in the **OFF** position to ensure proper placement.



Oven Vent

The oven is vented through an opening under the right rear surface unit.

Never cover the opening with aluminum foil or any other material.

Porcelain Enamel Cooktop

The porcelain enamel finish is sturdy but breakable if misused. This finish is acid-resistant. However, any acidic foods spilled (such as fruit juices, tomato or vinegar) should not be permitted to remain on the finish. If acids spill on the cooktop while it is hot, use a dry paper towel or cloth to wipe it up right away. When the surface has cooled, wash with soap and water. Rinse well.

For other spills such as fat spatterings, wash with soap and water or cleansing powders after the surface has cooled. Rinse well. Polish with a dry cloth.

Safety Instructions U

Operating Instructions

Care and cleaning of the range.



Oven Shelves

All oven shelves may be cleaned by hand with an abrasive cleaner or steel wool. After cleaning, rinse the shelves with clean water and dry with a clean cloth. Gray porcelain-coated oven shelves may remain in the oven during the selfcleaning cycle without being damaged. The shiny, silver-colored oven shelves may remain in the oven during the selfcleaning cycle, but they will lose their luster and become hard to slide. It will be necessary to grease all oven shelf side edges with a light coating of vegetable oil after cleaning them by hand or in the oven. This will help maintain the ease of sliding the shelves in and out of the oven.

Lift the door straight up and off the hinges.



(appearance may vary) The gasket is designed with a gap at the bottom to allow for proper air

circulation. Do not rub or clean the door

gasket—it has an extremely low resistance to abrasion.

If you notice the gasket becoming worn, frayed or damaged in any way or if it has become displaced on the door, you should have it replaced.

Lift-Off Oven Door

The oven door is removable for easier access to the light bulb.

Do not lift the door by the handle.

To remove the door, open it to the broil stop position. Grasp firmly on each side and lift the door straight up and off the hinges.

Do not place hands between the hinge and the oven door frame.

To replace the door, make sure the hinges are in the broil stop position. Position the slots in the bottom of the door squarely over the hinges and slowly lower it over both hinges.

To clean the inside of the door:

- Because the area inside the gasket is cleaned during the self-clean cycle, you do not need to clean this by hand.
- The area outside the gasket and the front frame can be cleaned with a soap-filled steel wool or plastic pad, hot water and detergent. Rinse well with a vinegar and water solution.

To clean the outside of the door:

- Use soap and water to thoroughly clean the top, sides and front of the oven door. Rinse well. You may also use a glass cleaner to clean the glass on the outside of the door. Do not let water drip into the vent openings.
- Spillage of marinades, fruit juices, tomato sauces and basting materials containing acids may cause discoloration and should be wiped up immediately. When surface is cool, clean and rinse.
- Do not use oven cleaners, cleaning powders or harsh abrasives on the outside of the door.

Care and Cleaning

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Safety Instructions

Operating Instructions



Oven Heating Elements

Do not clean the bake element or the broil element. Any soil will burn off when the elements are heated.

To clean the oven floor, gently lift the bake element. Clean with warm soapy water.

Painted Surfaces

Painted surfaces include the sides and the drawer front.

Clean these with soap and water or a vinegar and water solution.

Do not use commercial oven cleaners, cleaning powders, steel wool or harsh abrasives on any painted surface.

Oven Light Replacement

CAUTION: Before replacing your oven light bulb, disconnect the electrical power to the range at the main fuse or circuit breaker panel.

Be sure to let the light cover and bulb cool completely.

To remove the cover:

Hold a hand under the cover so it doesn't fall when released. With fingers of the same hand, firmly push back the wire cover holder. Lift off the cover.

Do not remove any screws to remove the cover.

Replace bulb with a 40-watt appliance bulb.

To replace the cover:

- Place it into groove of the light receptacle. Pull wire forward to the center of the cover until it snaps into place.
- Connect electrical power to the range.

Consumer Support



Wire cover holder.

Care and cleaning of the range.

Be sure the controls are turned to OFF and the surface units are cool before attempting to remove them.



Surface Units

To clean the surface units, turn the control to the highest setting for a minute. The coils will burn off any soil.

To remove a surface unit:

To remove the drip pans for cleaning, the surface units must be removed first.

Lift the surface unit about 1" above the drip pan and pull it out.

Do not lift the surface unit more than 1". If you do, it may not lie flat on the drip pan when you plug it back in.

Repeated lifting of the surface unit more than 1'' above the drip pan can permanently damage the receptacle.

To replace a surface unit:

Replace the drip pan into the recess in the cooktop. Make sure the opening in the pan lines up with the receptacle.

Insert the terminals of the surface unit through the opening in the drip pan and into the receptacle.

Guide the surface unit into place so it rests evenly.

Do not immerse the surface units in liquids of any kind.

Do not clean the surface units in a dishwasher.

Do not bend the surface unit plug terminals.

Do not attempt to clean, adjust or in any way repair the plug-in receptacle.

Drip Pans

Remove the surface units. Then lift out the drip pans.

For best results, clean the drip pans by hand. Place them in a covered container (or a plastic bag) with 1/4 cup ammonia to loosen the soil. Then scrub with a soap-filled scouring pad if necessary. Rinse with clean water and polish with a clean soft cloth.

The drip pans may also be cleaned in a dishwasher.

Clean the area under the drip pans often. Built-up soil, especially grease, may catch fire.

Do not cover the drip pans with foil. Using foil so close to the receptacle could cause shock, fire or damage to the range.



Support rod

Be sure all surface units are turned off before raising the cooktop.

Lift-Up Cooktop

Clean the area under the cooktop often. Built-up soil, especially grease, may catch fire.

To make cleaning easier, the entire cooktop may be lifted up and supported in the up position.

Be sure all the surface units are turned off before raising the cooktop. The surface units and drip pans do not need to be removed; however, you may remove one to make raising the cooktop easier. A support rod will hold the cooktop up while you clean underneath it.

After cleaning under the cooktop with hot, soapy water and a clean cloth, lower the cooktop. Be careful not to pinch your fingers.

Troubleshooting Tips

Before You Call For Service...

Troubleshooting Tips

Problem Surface units not unctioning properly	Possible Causes The surface units are	What To Do	-
	The surface units are		Safety Instructions
	not plugged in solidly.	• With the controls off, check to make sure the surface unit is plugged completely into the receptacle.	
	The surface unit controls improperly set.	• Check to see the correct control is set for the surface unit you are using.	Spera
	The drip pans are not set securely in the cooktop.	• With the controls off, check to make sure the drip pan is in the recess in the cooktop and that the opening in the pan lines up with the receptacle.	Uperating Instructions
ooktop feels hot	Large pans hold heat close to the cooktop.	• Choose a pan that matches the size of the surface unit you are using.	struc
	The oven vent is blocked.	• Pans on the right rear surface unit block air flow from the oven vent and cause the cooktop to get hot.	tions
ood does not bake r roast properly	Oven controls improperly set.	• See the <i>Using the oven</i> section.	
	Shelf position is incorrect or the shelf is not level.	• See the <i>Using the oven</i> section.	are a
	Incorrect cookware or cookware of improper size being used.	• See the <i>Using the oven</i> section.	Care and Cleaning
	Oven thermostat needs adjustment.	• See the <i>Adjust the oven thermostat—Do it yourself!</i> section.	anını
ood does not roil properly	Door not open to the broil stop position as recommended.	• See the <i>Using the oven</i> section.	g
	Oven controls improperly set.	• Make sure you press the BROIL HI/LO pad.	froub
	Improper shelf position being used.	• See the <i>Broiling Guide</i> .	oubleshooting Tips
	Food being cooked in a hot pan.	• For best results, use a pan designed for broiling. Make sure it is cool.	otinų
	Cookware not suited for broiling.	• For best results, use a pan designed for broiling.	y Tips
	In some areas the power (voltage) may be low.	• Preheat the broil element for 10 minutes.	
		• Broil for the longest period of time recommended in the <i>Broiling Guide</i> .	Cons
			Consumer Support

Care and Cleaning

Troubleshooting Tips

Consumer Support

Before You Call For Service...



Troubleshooting Tips

Problem	Possible Causes	What To Do	
Control signals after entering cooking time or delay start	You forgot to enter a bake temperature or cleaning time.	• Press the BAKE pad and desired temperature or the SELF CLEAN pad and desired clean time.	
Clock and timer do not work	A fuse in your home may be blown or the circuit breaker tripped.	• Replace the fuse or reset the circuit breaker.	
	Oven controls improperly set.	• See the <i>Using the clock and timer</i> section.	
Oven light does	Light bulb is loose or defective.	• Tighten or replace the bulb.	
not work	Switch operating light is broken.	• Call for service.	
Oven temperature too hot or too cold	Oven thermostat needs adjustment.	• See the <i>Adjust the oven thermostat—Do it yourself!</i> section.	
Oven will not work	A fuse in your home may be blown or the circuit breaker tripped.	• Replace the fuse or reset the circuit breaker.	
	Oven controls improperly set.	• See the <i>Using the oven</i> section.	
Oven will not self-clean	The oven temperature is too high to set a self- clean operation.	• Allow the oven to cool to room temperature and reset the controls.	
	Oven controls improperly set.	• See the Using the self-cleaning oven section.	
"Crackling" or "popping" sound	This is the sound of the metal heating and cooling during both the cooking and cleaning functions.	• This is normal.	
Excessive smoking	Excessive soil.	• Press the <i>CLEAR/OFF</i> pad. Open the windows to rid the room of smoke. Wait until the <i>LOCKED DOOR</i> light goes off. Wipe up the excess soil and reset the clean cycle.	
Oven door will not open after a clean cycle	Oven too hot.	• Allow the oven to cool below locking temperature.	
Oven not clean after a clean cycle	Oven controls not properly set.	• See the Using the self-cleaning oven section.	
	Oven was heavily soiled.	• Clean up heavy spillovers before starting the clean cycle. Heavily soiled ovens may need to self-clean again or for a longer period of time.	

Problem	Possible Causes	ge.com What To Do	Safety Instructions
"LOCK DOOR" flashes in the display	The self-clean cycle has been selected but the door is not closed.	• Close the oven door.	
LOCKED DOOR light is on when you want to cook	The oven door is locked because the temperature inside the oven has not dropped below the locking temperature.	• Press the <i>CLEAR/OFF</i> pad. Allow the oven to cool.	Operating Instructions
<i>"F— and a number or letter" flash in the display</i>	You have a function error code.	• Press the <i>CLEAR/OFF</i> pad. Allow the oven to cool for one hour. Put the oven back into operation.	truction
	If the function code repeats.	• Disconnect all power to the range for at least 30 seconds and then reconnect power. If the function error code repeats, call for service.	
Display goes blank	A fuse in your home may be blown or the circuit breaker tripped.	• Replace the fuse or reset the circuit breaker.	Care and Cleaning
	The clock is in the black-out mode.	• See the <i>Special features of your oven control</i> section.	d Clea
Display flashes	Power failure.	• Reset the clock.	anin
Unable to get the display to show "SF"	Oven control pads were not pressed properly.	• The BAKE and BROIL HI/LO pads must be pressed at the same time and held for 3 seconds.	Ig
Power outage, clock flashes	Power outage or surge.	• Reset the clock. If the oven was in use, you must reset it by pressing the <i>CLEAR/OFF</i> pad, setting the clock and resetting any cooking function.	Troubl
"Burning" or "oily" odor emitting from the vent	This is normal in a new oven and will disappear in time.	• To speed the process, set a self-clean cycle for a minimum of 3 hours. See the <i>Using the self-cleaning oven</i> section.	leshooti
Strong odor	An odor from the insulation around the inside of the oven is normal for the first few times the oven is used.	• This is temporary.	oubleshooting Tips
Fan noise	A cooling fan may automatically turn on and off to cool internal parts.	• This is normal. The cooling fan will turn off and on.	Consumer Support
		25	port



Notes.	Safety Instructions
	Operating Instructions
	Care and Cleaning
	Troubleshooting Tips
	 Consumer Support



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Place your confidence in GE and call us in the U.S. toll-free at **800.626.2224** for more information.

*All brands covered, up to 20 years old, in the continental U.S.

Please place in envelope and mail to:

General Electric Company Warranty Registration Department P.O. Box 32150 Louisville, KY 40232-2150 Cut here

Consumer Product Ownership Registration

Dear Customer:

Thank you for purchasing our product and thank you for placing your confidence in us. We are proud to have you as a customer!

Follow these three steps to protect your new appliance investment:

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	Model Number	Serial Number
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GE Consumer & Indus Appliances General Electric Compan Louisville, KY 40225 ge.com	FAILURE TO COMPLETE AND RETURN THIS	unications from GEA's carefully selected partners. CARD DOES NOT DIMINISH YOUR

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GE Electric Range Warranty.



All warranty service provided by our Factory Service Centers, or an authorized Customer Care[®] technician. To schedule service, on-line, 24 hours a day, visit us at ge.com, or call 800.GE.CARES (800.432.2737). Please have serial number and model number available when calling for service.

For The Period Of: GE Will Provide:

One Year From the date of the original purchase **Any part** of the range which fails due to a defect in materials or workmanship. During this *limited one-year warranty,* GE will also provide, *free of charge,* all labor and in-home service to replace the defective part.

What GE Will Not Cover:

- Service trips to your home to teach you how to use the product.
- Improper installation, delivery or maintenance.
- Failure of the product if it is abused, misused, or used for other than the intended purpose or used commercially.
- Damage to the product caused by accident, fire, floods or acts of God.

Staple your receipt here.

Proof of the original purchase

date is needed to obtain service

under the warranty.

- Incidental or consequential damage caused by possible defects with this appliance.
- Damage caused after delivery.
- Product not accessible to provide required service.
- Replacement of house fuses or resetting of circuit breakers.

EXCLUSION OF IMPLIED WARRANTIES—Your sole and exclusive remedy is product repair as provided in this Limited Warranty. Any implied warranties, including the implied warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law.

This warranty is extended to the original purchaser and any succeeding owner for products purchased for home use within the USA. If the product is located in an area where service by a GE Authorized Servicer is not available, you may be responsible for a trip charge or you may be required to bring the product to an Authorized GE Service location for service. In Alaska, the warranty excludes the cost of shipping or service calls to your home.

Some states do not allow the exclusion or limitation of incidental or consequential damages. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are, consult your local or state consumer affairs office or your state's Attorney General.

Warrantor: General Electric Company. Louisville, KY 40225

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GE Appliances Website

Have a question or need assistance with your appliance? Try the GE Appliances Website 24 hours a day, any day of the year! For greater convenience and faster service, you can now download Owner's Manuals, order parts or even schedule service on-line.



Schedule Service

Expert GE repair service is only one step away from your door. Get on-line and schedule your service at your convenience 24 hours any day of the year! Or call 800.GE.CARES (800.432.2737) during normal business hours.



Real Life Design Studio

GE supports the Universal Design concept—products, services and environments that can be used by people of all ages, sizes and capabilities. We recognize the need to design for a wide range of physical and mental abilities and impairments. For details of GE's Universal Design applications, including kitchen design ideas for people with disabilities, check out our Website today. For the hearing impaired, please call 800.TDD.GEAC (800.833.4322).



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Parts and Accessories

Individuals qualified to service their own appliances can have parts or accessories sent directly to their homes (VISA, MasterCard and Discover cards are accepted). Order on-line today, 24 hours every day or by phone at 800.626.2002 during normal business hours.

Instructions contained in this manual cover procedures to be performed by any user. Other servicing generally should be referred to qualified service personnel. Caution must be exercised, since improper servicing may cause unsafe operation.



Contact Us

If you are not satisfied with the service you receive from GE, contact us on our Website with all the details including your phone number, or write to: General Manager, Customer Relations GE Appliances, Appliance Park Louisville, KY 40225



Register Your Appliance

Register your new appliance on-line—at your convenience! Timely product registration will allow for enhanced communication and prompt service under the terms of your warranty, should the need arise. You may also mail in the pre-printed registration card included in the packing material.

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