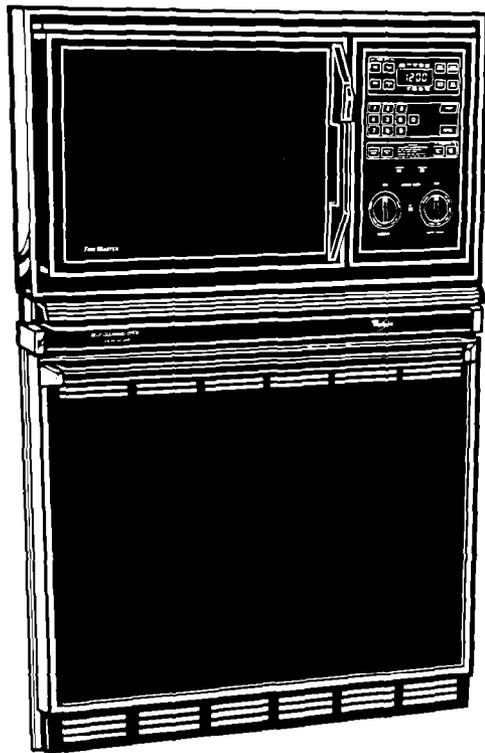


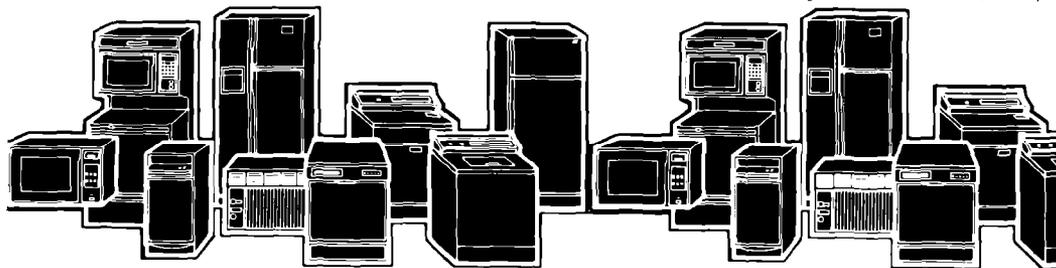
use & care guide



LOWER OVEN

**Self-Cleaning
Model RM278BXV**

shers, Clothes Dryers, Freezers, Refrigerator-Freezers, Ice Makers, Dishwashers, Built-In Ovens and Surface Units, Ranges, Microwave Ovens, Trash Compact



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*Tmk.

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Before you use your oven

Read and carefully follow the Installation Instructions packed with your oven.

Read this Use & Care Guide and your Cooking Guide carefully for important use and safety information. Store these with the upper microwave oven literature in a convenient place for future use.

It is your personal responsibility and obligation to be sure your oven:

- Has been installed where it is protected from the elements.
- Has been installed and leveled in a wall or cabinet that will hold the weight.
- Has been properly connected to electrical supply and grounded.
(See Installation Instructions.)
- Is not used by anyone unable to operate it properly.
- Is properly maintained.
- Is used only for jobs expected of a home oven.

See the Cooking Guide and Upper Microwave Oven Use & Care Guide for important safety and use information.

IMPORTANT SAFETY INSTRUCTIONS



WARNING: When using your lower oven, follow basic precautions, including the following:

1. **DO NOT** allow children to use or play with any part of the oven, or leave them unattended near it. They could be burned or injured.
2. **DO NOT** store things children might want above the oven. Children could be burned or injured while climbing on the door and the door could be damaged.
3. **KEEP** children away from the oven when it is on. The oven walls, racks and door can get hot enough to cause burns.
 - Put oven racks where you want them before turning on the oven. Heated racks could cause severe burns.
 - Do not touch any part of the oven, especially the heating elements, until you know they are completely cool. Dark elements can still be hot enough to cause severe burns.
4. **DO NOT** use the oven to heat a room. Persons in the room could be burned or injured, or a fire could start.
5. **DO NOT** wear loose or hanging garments when using the oven. They could ignite if they touch a heating element and you could be burned.
6. **DO NOT** heat unopened containers, they could explode. The hot contents could burn you and container particles could cause injury.
7. When adding or removing food. **MAKE SURE** to open the oven door all the way to prevent burns.

• FOR YOUR SAFETY •

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE. THEY COULD IGNITE CAUSING EXPLOSION AND/OR FIRE.

– SAVE THESE INSTRUCTIONS –

Thank you for buying a Whirlpool appliance. Please complete and mail the Owner Registration Card provided with this product. Then complete the form below. Have this information ready if you need service or call with a question.

- Copy model and serial numbers from plate (behind the microwave oven door) and purchase date from sales slip.
- Keep this book and sales slip together in a handy place.

Model Number

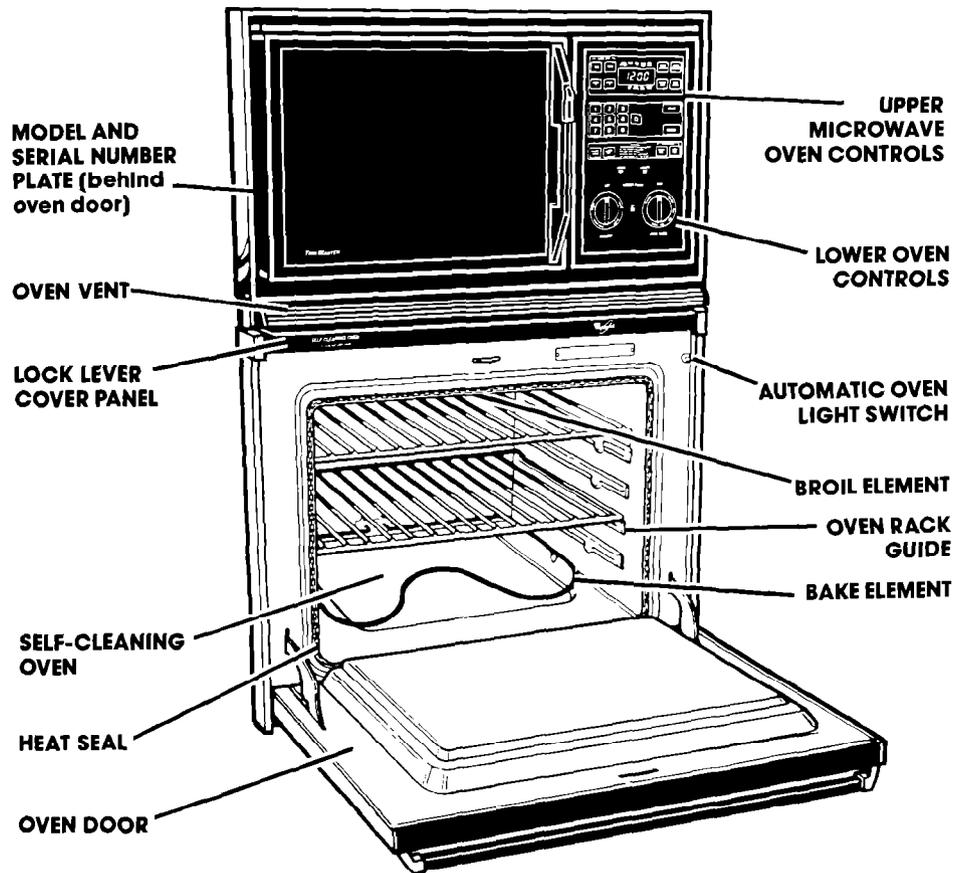
Serial Number

Purchase Date

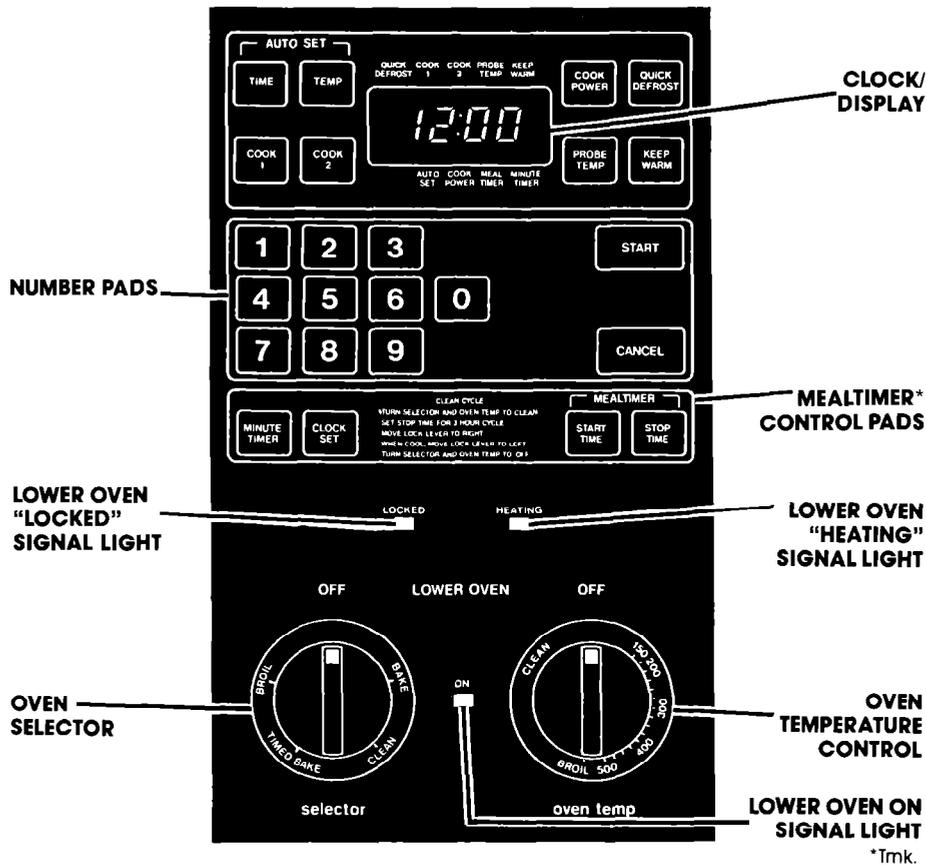
Service Company Phone Number

Parts and features

Model RM278BXV
LOWER OVEN



Using your lower oven



Setting the Clock

The Clock is located at the top of the upper microwave oven control panel. **To set the Clock**, follow the instructions found in the Upper Microwave Oven Use & Care Guide.

Using the Minute Timer

The Minute Timer on the upper microwave oven control panel can be used for any timed cooking. **To use the Minute Timer**, follow the instructions found in the Upper Microwave Oven Use & Care Guide.

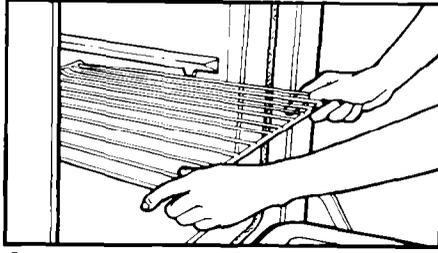
Using the Lower Oven

The lower oven is always set with two knobs:

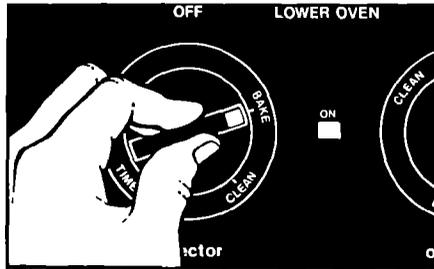
- The Oven Selector
- The Oven Temperature Control

Both must be on a setting for the lower oven to heat.

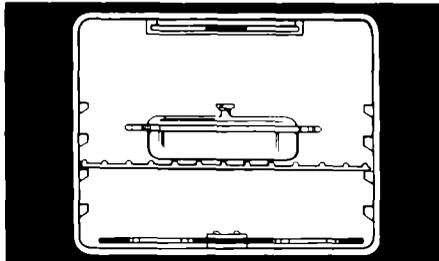
Baking



1. Position the rack(s) properly **before** turning on the oven. To **change rack position**, lift rack at front and pull out.



2. Set the Oven Selector on BAKE. The Lower Oven ON Signal Light will come on.

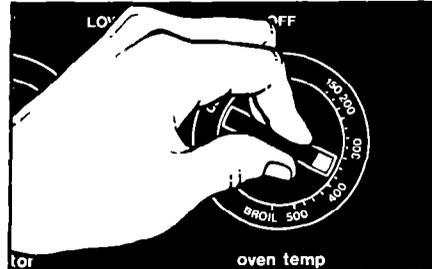


4. Put food in the oven. **NOTE: Oven racks, walls and door will be hot.**

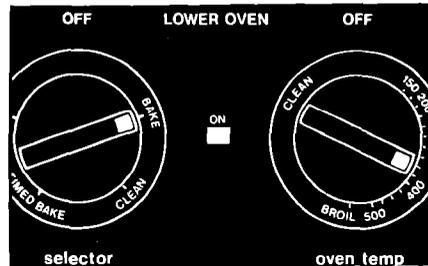
During baking, the elements will turn on and off to keep the oven temperature at the setting. The Lower Oven HEATING Signal Light will turn on and off with the elements.

The top element helps heat during baking, but does not turn red.

The rack(s) should be placed so the top of the food will be centered in the oven. Always leave at least 1½ to 2 inches (4-5 cm) between the sides of the pan and the oven walls and other pans. For more information, see the Cooking Guide.



3. Set the Oven Temperature Control on the baking temperature you want. The Lower Oven HEATING Signal Light will come on. The oven is preheated when the Lower Oven HEATING Signal Light first goes off.

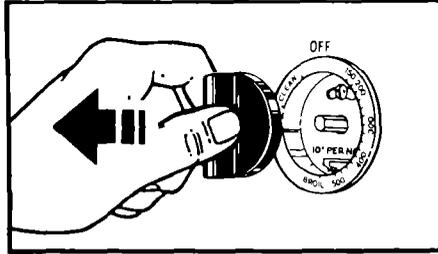


5. When baking is done, turn **both** the Oven Selector and Oven Temperature Control to OFF. The Lower Oven ON and HEATING Signal Lights will go off.

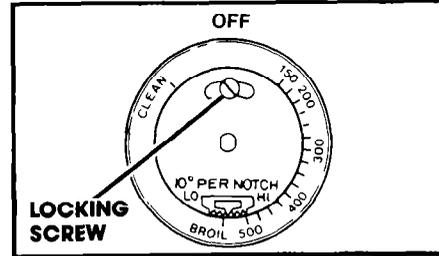
Adjusting the Oven Temperature Control

Does your oven seem hotter or colder than your old oven? The temperature of your old oven may have shifted gradually without you noticing the change. Your new oven is properly adjusted to provide accurate temperatures. But when comparing to your old oven, the new design may give you difficult results.

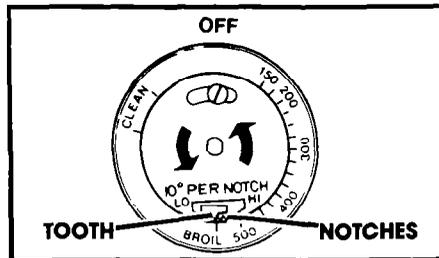
If after using the oven for a period of time, you are not satisfied with the temperature settings, they can be adjusted by following these steps:



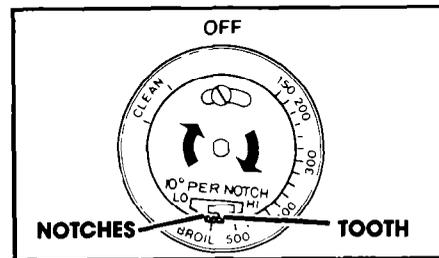
1. Pull the Oven Temperature Control Knob straight off.



2. Loosen the locking screw. **Note the position of the notches.**



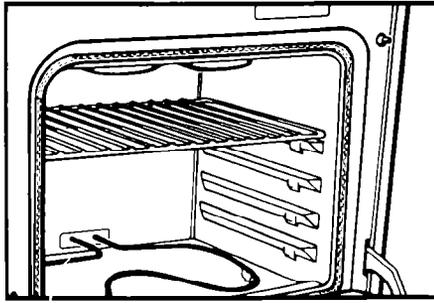
3. To lower the temperature, move the tooth a notch closer to LO. Each notch equals about 10°F (5°C).



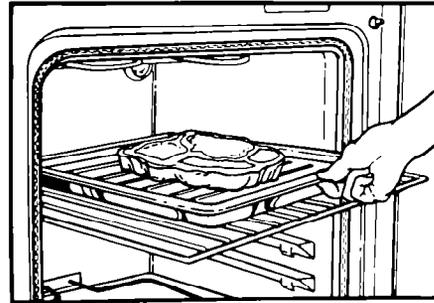
4. To raise the temperature, move the tooth a notch closer to HI. Each notch equals about 10°F (5°C).

Tighten the locking screw and replace the control knob.

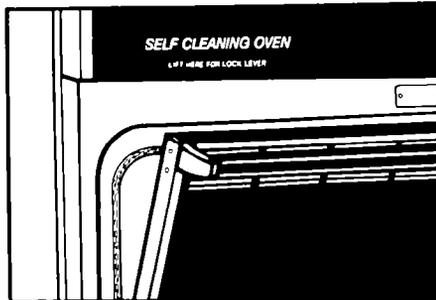
Broiling



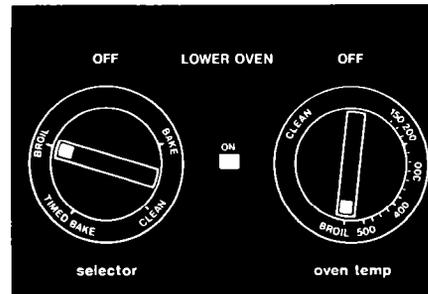
1. Position the rack before turning the oven on. See "Broil Chart" in the Cooking Guide or a reliable cookbook for recommended rack positions.



2. Put the broiler pan and food on the rack.



3. Close the door to the Broil Stop position (open about 4 inches, 10.2 cm). The door will stay open by itself.



4. Set the Oven Selector and Oven Temperature Control on BROIL. The Lower Oven ON and HEATING Signal Lights will come on.
5. When broiling is done, turn **both** the Oven Selector and Oven Temperature Control to OFF. The Lower Oven ON and HEATING Signal Lights will go off.

Custom Broil

- If food is cooking too fast, turn the Oven Temperature Control **counterclockwise** until the Lower Oven HEATING Signal Light goes off.
- If you want the food to broil slower from the start, set the Oven Temperature Control between 150° and 325°F (65.5 and 162.7°C). The lower the temperature, the slower the cooking.

The Oven Selector must be on BROIL for all broiling temperatures.

NOTE: The lower oven door must be partly open whenever the oven is set to BROIL. Leaving the door open allows the oven to maintain proper temperatures.

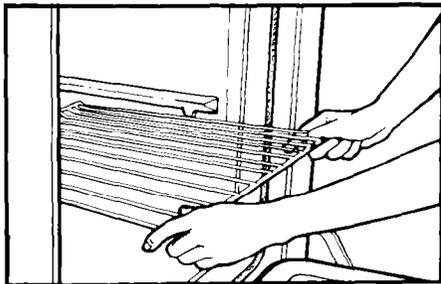
Using the Automatic MEALTIMER* Control

The automatic MEALTIMER* control will turn the lower oven on and off at times you set...even when you are not around.

Automatic baking is ideal for foods which do not require a preheated oven, such as meats and casseroles. **Do not use the automatic cycle for cakes, cookies, etc...undercooking will result.**

*Tmk.

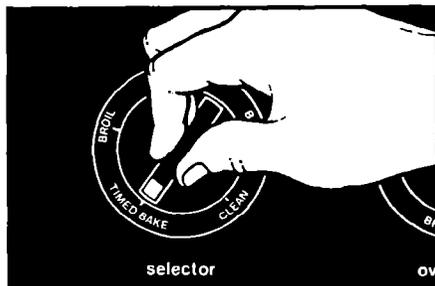
To start and stop baking automatically:



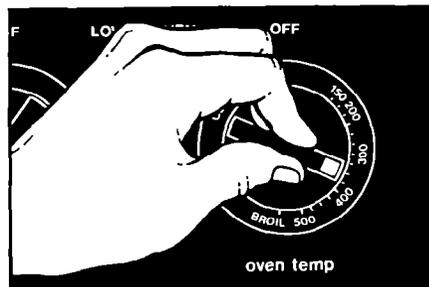
1. Position the oven rack(s) properly and place the food in the oven.



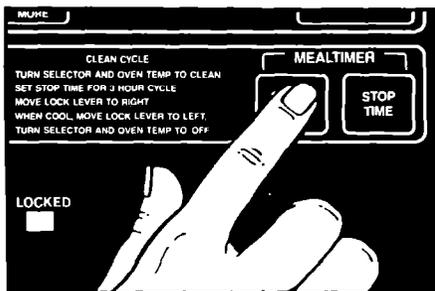
2. Make sure the clock is set to the right time of day. (See the Upper Microwave Oven Use & Care Guide for setting instructions.)



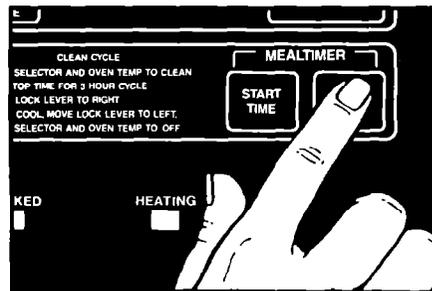
3. Set the Oven Selector on TIMED BAKE.



4. Set the Oven Temperature Control on the baking temperature you want.

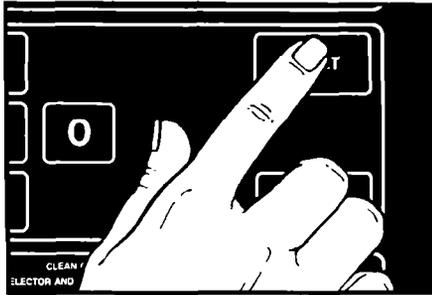


5. Touch the START TIME Pad. Then touch the Number Pads for the time you want baking to start. (Option: Skip this step if you want to start baking immediately.)

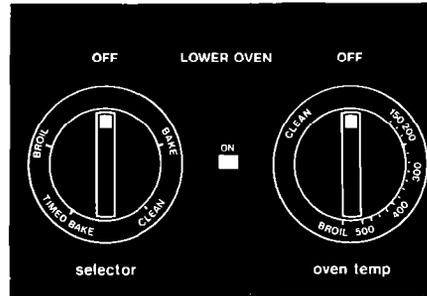


6. Touch the STOP TIME Pad. Then touch the Number Pads for the time you want baking to stop.

continued on next page



7. Touch START. The oven will now start and stop automatically.



8. After baking is done or to stop the oven before preset time, turn both the Oven Selector and Oven Temperature Control to OFF.

To cancel the MEALTIMER* control settings:

1. Touch STOP TIME.
2. Touch CANCEL.

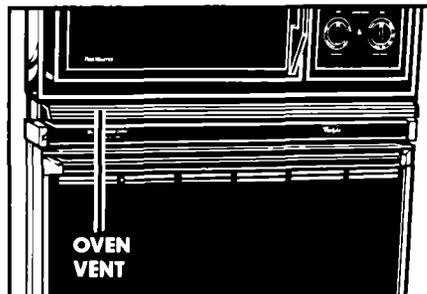
3. Turn the Oven Selector and Oven Temperature Control to OFF.

⚠ WARNING: To avoid sickness and food waste.

- Use foods that will not go bad or spoil while waiting for cooking to start.
- Avoid using dishes with milk or eggs, cream soups, cooked meats or fish, or any item with baking powder or yeast.
- Any food that has to wait for cooking to start should be very cold or frozen before it is put in the oven. **MOST UNFROZEN FOODS SHOULD NEVER STAND MORE THAN TWO HOURS BEFORE COOKING STARTS.**

The Oven Vent

Hot air and moisture escape from the lower oven through a vent just above the lower oven door. **Do not block the vent.** Poor baking can result.



Optional Rotisserie

If you would like a rotisserie for your lower oven, you can order a kit (Part No. 261881) from your Whirlpool Dealer. The kit includes easy installation instructions.

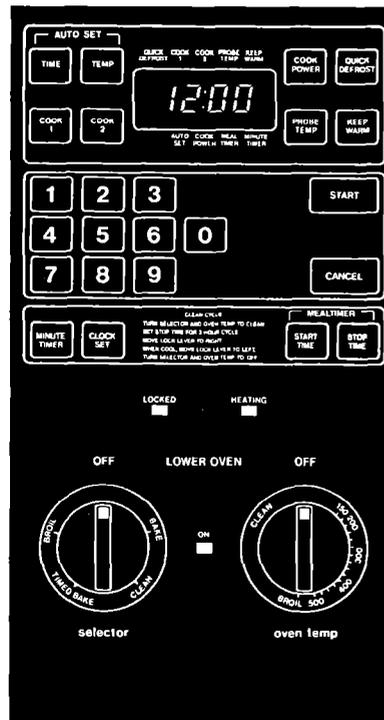
Optional Door Panel Pac

If you would like to change the color of your lower oven door glass to white or almond, you can order one of these kits; White (Kit No. 814071) or Almond (Kit No. 814072) from your Whirlpool Dealer. The kits include easy installation instructions.

Caring for your lower oven

Control Panel and Knobs

1.  **WARNING: to avoid burns and possible electric shock, first make sure all controls are OFF and the lower oven is COOL.**
2. Pull control knobs straight off.
3. Use warm soapy water and a soft cloth, or spray glass cleaner, to wipe the control panel. Rinse and wipe dry.
4. Wash control knobs in warm soapy water. Rinse well and dry.
5. Push control knobs straight back on. Make sure they point to OFF.



Using the Self-Cleaning Cycle

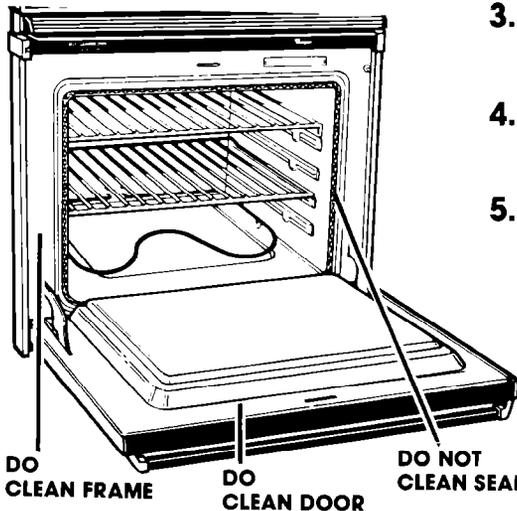
The Self-Cleaning cycle uses **very high heat** to burn away soil. Before you start, make sure you understand exactly how to use the Self-Cleaning cycle safely.

Before You Start

1. Clean the shaded areas by hand.

They do not get hot enough during the Self-Cleaning cycle for soil to burn away. Use hot water and detergent or a soapy steel wool pad on...

- The inside of the door.
- The frame around the oven.



DO NOT clean the fiberglass seal. DO NOT move it or bend it. Poor cleaning and poor baking will result.

2. Remove the broiler pan and any pots and pans you may have stored in the oven. They can't stand the heat.

3. Wipe out any loose soil or grease. This will help reduce smoke during the Self-Cleaning cycle.

4. If the oven has a rotisserie, make sure the motor socket cover is closed.

5. If you want the oven racks to remain shiny, remove from the oven and clean by hand. Otherwise, put oven racks on second and fourth guides (guides are counted from bottom to top). After racks are cleaned in the Self-Cleaning cycle, they become harder to slide. See chart on page 16.

Turn on the vent hood or other kitchen vent during the Self-Cleaning cycle. This will help remove heat and odors that are normal during the cycle.

SPECIAL CAUTIONS:

DO NOT use commercial oven cleaners in your oven. Damage to the porcelain finish may occur.

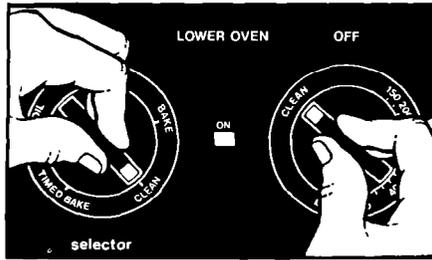
DO NOT force the Lock Lever, you could bend or break it. The lever is designed to stay locked until the oven is cool enough to safely open. Wait until it moves freely.

DO NOT use foil or other liners in the oven. During the Self-Cleaning cycle foil can burn or melt and damage the oven surface.

DO NOT block the vent during the Self-Cleaning cycle. Air must move freely for best cleaning results.

WARNING: DO NOT TOUCH THE OVEN DURING THE SELF-CLEANING CYCLE. IT COULD BURN YOU.

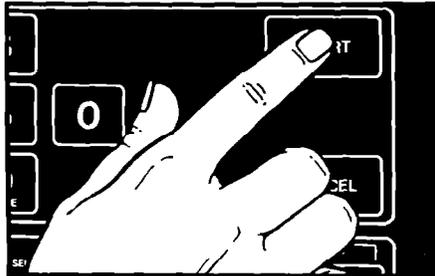
Setting the Controls



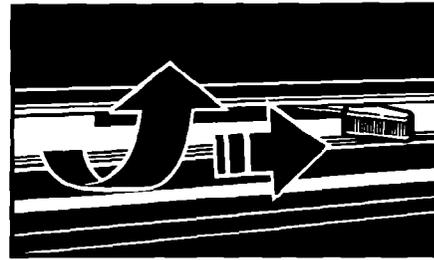
1. Set the Oven Selector and Oven Temperature Control on **CLEAN**. The Lower Oven ON Signal Light will come on.



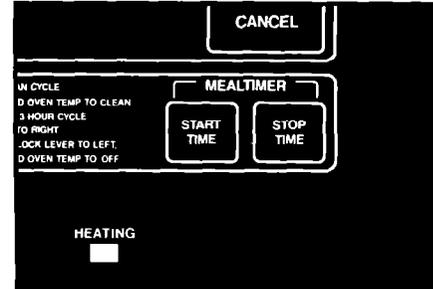
3. Make sure the clock is set to the **right time of day**. (See Upper Microwave Oven Use & Care Guide for setting instructions.)



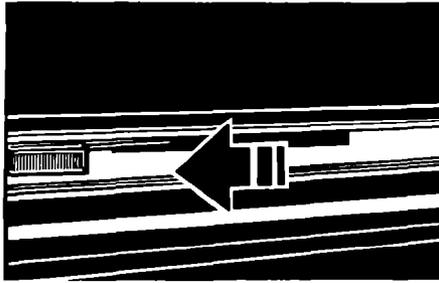
5. Touch **START**. The oven will start the Self-Cleaning cycle automatically at the time you have set. The Lower Oven **LOCKED** Signal Light will come on when the oven temperature exceeds normal baking temperatures. The Lock Lever must not be moved and the door can't be opened when this light is on.



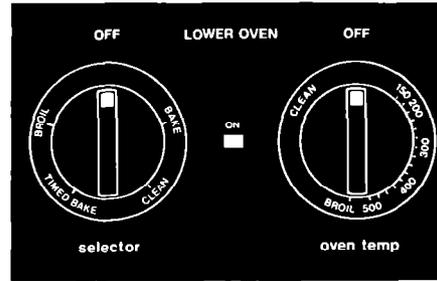
2. Lift the panel between the upper and lower oven doors. Move the Lock Lever **all the way to the right**.



4. Set a 2 to 4 hour Self-Cleaning cycle. Touch **START TIME** Pad, then touch the Number Pads for the time you want to start. Touch **STOP TIME** Pad, then touch the Number Pads for the time you want to stop. (**Option:** Only set the Stop Time if you want the Self-Cleaning cycle to start immediately.) A 3-hour Self-Cleaning cycle is recommended for moderately soiled ovens.
 - Use 2 hours for light soil.
 - Use 3-4 hours for moderate to heavy soil.



- 6. After the Self-Cleaning cycle is completed**, the Lower Oven LOCKED Signal Light goes off. Move the Lock Lever back to the left. **Do not force it.** Wait until it will move easily.



- 7.** Turn the Oven Selector and Oven Temperature Control to OFF. The Lower Oven ON Signal Lights will go off.
- 8. After the oven is cool**, wipe off any residue or ash with a damp cloth. If needed, touch up spots with a soapy steel wool pad.

Special Tips

- Keep the kitchen well ventilated during the Self-Cleaning cycle to help get rid of normal heat, odors and smoke.
- Clean the oven before it gets heavily soiled. Cleaning a very soiled oven takes longer and results in more smoke than usual.
- If the Self-Cleaning cycle doesn't get the oven as clean as you expected, the cycle may not have been set long enough or you may not have prepared the oven properly. Set the Self-Cleaning cycle longer the next time and hand clean areas noted on page 12.

To stop the Self-Cleaning cycle at anytime:

1. Touch STOP TIME.
2. Touch CANCEL.

3. When the Lower Oven LOCKED Signal Light goes off, move the Lock Lever back to the left. **DO NOT FORCE IT.** Wait until it moves easily. Turn the Oven Selector and Oven Temperature Control to OFF.



WARNING: DO NOT TOUCH THE OVEN DURING THE SELF-CLEANING CYCLE. IT CAN BURN YOU.

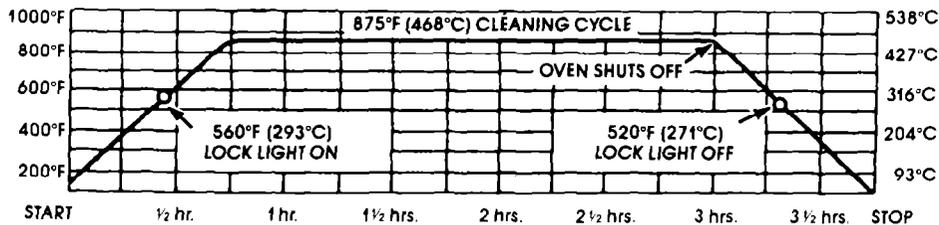
How It Works

During the Self-Cleaning cycle, the oven gets much hotter than it does for baking or broiling...approximately 875°F (468°C). This heat breaks up grease and soil and burns it off.

This graph shows approximate temperatures and times during a Self-Cleaning cycle for 3 hours.

SELF-CLEANING CYCLE – THREE HOUR SETTING

(Approximate Temperatures and Times)



Notice that the heating stops when the 3-hour setting is up, but that it takes longer for the oven to cool down enough to unlock.

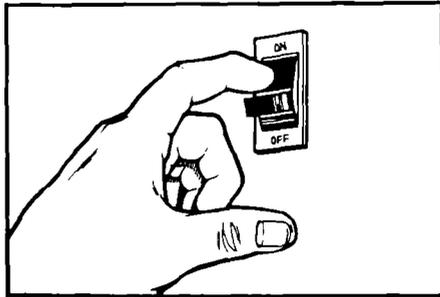
Cleaning Chart

PART	WHAT TO USE	HOW TO CLEAN
Lower oven exterior	Warm soapy water and a soft cloth. Plastic scrubbing pad for stubborn spots.	<ul style="list-style-type: none"> Wipe off regularly when cooktop and lower oven are cool. Do not allow food containing acids (such as vinegar, tomato, lemon juice or milk) to remain on surface. Acids will remove the glossy finish. Do not use abrasive or harsh cleansers.
Control knobs	Warm soapy water and a soft cloth.	<ul style="list-style-type: none"> Wash, rinse and dry well. Do not soak.
Control panel	Warm soapy water or spray glass cleaner and a soft cloth.	<ul style="list-style-type: none"> Wash, rinse and dry well. Follow directions provided with the cleaner.
Broiler pan and grid	Warm soapy water or a soapy steel wool pad.	<ul style="list-style-type: none"> Clean after each use. Wash, rinse and dry well. Do not clean in Self-Cleaning Oven.
Oven racks	Self-Cleaning cycle. Warm soapy water or soapy steel wool pads. NOTE: The oven racks will discolor and be harder to slide when left in the Self-Cleaning cycle. If you want them to stay shiny, remove from the oven and clean by hand.	<ul style="list-style-type: none"> Leave in oven during Self-Cleaning cycle. OR Wash, rinse and dry. Use soapy steel wool pads for stubborn areas.
Lower oven door glass	Spray glass cleaner or warm soapy water and a plastic scrubbing pad.	<ul style="list-style-type: none"> Make sure oven is cool. Follow directions provided with the cleaner. Wash, rinse and dry well.
Self-Cleaning Lower Oven	For areas outside the Self-Cleaning area use warm soapy water or soapy steel wool pads.	<ul style="list-style-type: none"> Follow directions starting on page 12, "Using the Self-Cleaning Cycle." Do not use commercial oven cleaners. Do not use foil to line the bottom of your Self-Cleaning Oven.

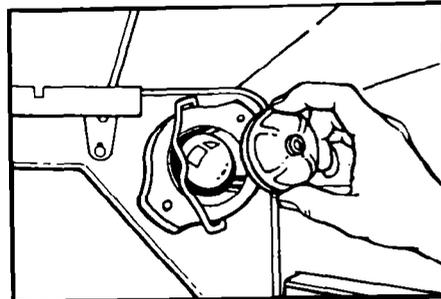
The Lower Oven Light

The lower oven light will turn on and off automatically when you open and close the lower oven door.

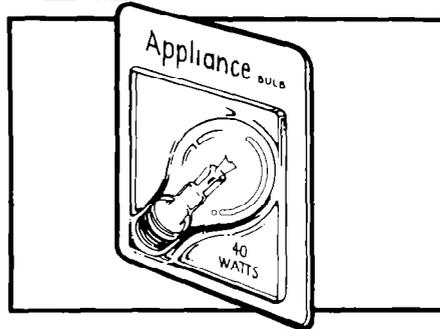
To Replace:



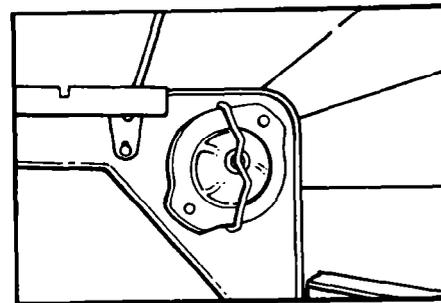
- 1.**  **WARNING: To avoid possible shock hazard, turn off the electric power at the main power supply.**



- 2.** Remove the bulb cover in the back of the oven by pulling out and pushing the wire holder to the side.



- 3.** Remove the light bulb from its socket. Replace the bulb with a 40-watt appliance bulb.



- 4.** Replace the bulb cover and snap the wire holder in place. Turn the power back on at the main power supply.

CAUTION: The bulb cover must be in place when using the oven. The cover protects the bulb from breaking.

NOTE: The oven lights will not work during the Self-Cleaning cycle.

If you need service or assistance, we suggest you follow these five steps:

1. Before calling for assistance...

Performance problems often result from little things you can find and fix without tools of any kind.

If nothing operates:

- Is the oven wired into a live circuit with the proper voltage? (See Installation Instructions.)
- Have you checked your home's main fuses or circuit breaker box?

If the lower oven will not operate:

- Is the Oven Selector turned to a setting (BAKE or BROIL, but not TIMED BAKE)?
- Is the Oven Temperature Control turned to a temperature setting?

If the Self-Cleaning cycle will not operate:

- Are the Oven Selector and Oven Temperature Control set on CLEAN?
- Does the clock show the right time of day?
- Is Stop Time set ahead to the time you want the Self-Cleaning cycle to stop?
- Is the Lock Lever all the way to the right?

If cooking results aren't what you expected:

- Is the oven level?

- Are you using pans recommended in the Cooking Guide?
- If baking, have you allowed 1½ to 2 inches (4-5 cm) on all sides of the pans for air circulation?
- Does the oven temperature seem too low or too high? See "Adjusting the Oven Temperature Control," page 7.
- Have you preheated the oven as the recipe calls for?
- Are the pans the size called for in the recipe?
- Are you following a tested recipe from a reliable source?

See the Cooking Guide for more information on cooking problems and how to solve them.

2. If you need assistance*...

**Call Whirlpool COOL-LINE® service assistance telephone number. Dial free from anywhere in the U.S.:
1-800-253-1301**

and talk with one of our trained consultants. The consultants can instruct you in how to obtain satisfactory operation from your appliance or, if service is necessary, recommend a qualified service company in your area.

3. If you need service*...



Whirlpool has a nationwide network of franchised TECH-CARE* Service Companies.

TECH-CARE service technicians are trained to fulfill the product warranty and provide after-warranty service, anywhere in the United States. To locate TECH-CARE service in your area, call our COOL-LINE service assistance telephone number (see Step 2) or look in your telephone directory Yellow Pages under:

APPLIANCES - HOUSEHOLD - MAJOR - SERVICE & REPAIR	OR	ELECTRICAL APPLIANCES - MAJOR - REPAIRING & PARTS
WHIRLPOOL APPLIANCES FRANCHISED TECH-CARE SERVICE		WHIRLPOOL APPLIANCES FRANCHISED TECH-CARE SERVICE
<i>SERVICE COMPANIES</i> XYZ SERVICE CO 123 Maple 999-9999		<i>SERVICE COMPANIES</i> XYZ SERVICE CO 123 Maple 999-9999
OR		
WASHING MACHINES, DRYERS & IRONERS - SERVICING		
WHIRLPOOL APPLIANCES FRANCHISED TECH-CARE SERVICE		
<i>SERVICE COMPANIES</i> XYZ SERVICE CO 123 Maple 999-9999		

4. If you have a problem*...

Call our COOL-LINE service assistance telephone number (see Step 2) and talk with one of our consultants, or if you prefer, write to:

Mr. Donald Skinner
Director of Customer Relations
Whirlpool Corporation
2000 M-63
Benton Harbor, MI 49022

5. If you need FSP® replacement parts*...

FSP is a registered trademark of Whirlpool Corporation for quality parts. Look for this symbol of quality whenever you need a replacement part for your Whirlpool appliance. FSP replacement parts will fit right and work right, because they are made to the same exacting specifications used to build every new Whirlpool appliance.

To locate FSP replacement parts in your area, refer to Step 3 above or call the Whirlpool COOL-LINE service assistance number in Step 2.

*If you must call or write, please provide: model number, serial number, date of purchase, and a complete description of the problem. This information is needed in order to better respond to your request for assistance.

WHIRLPOOL® MICROWAVE OVEN/ RANGE PRODUCT WARRANTY

ME001

LENGTH OF WARRANTY	WHIRLPOOL WILL PAY FOR
FULL ONE-YEAR WARRANTY From Date of Purchase	FSP® replacement parts and repair labor to correct defects in materials or workmanship. Service must be provided by a franchised TECH-CARE® service company.
LIMITED FOUR-YEAR WARRANTY Second Through Fifth Year From Date of Purchase	FSP® replacement magnetron tube on microwave ovens if defective in materials or workmanship.
WHIRLPOOL WILL NOT PAY FOR	
<p>A. Service calls to:</p> <ol style="list-style-type: none"> 1. Correct the installation of the range product. 2. Instruct you how to use the range product. 3. Replace house fuses or correct house wiring or plumbing. 4. Replace owner accessible light bulbs. <p>B. Repairs when range product is used in other than normal, single-family household use.</p> <p>C. Pick up and delivery. This product is designed to be repaired in the home.</p> <p>D. Damage to range product caused by accident, misuse, fire, flood, acts of God or use of products not approved by Whirlpool.</p> <p>E. Any labor costs during the limited warranty.</p>	

WHIRLPOOL CORPORATION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages so this limitation or exclusion 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.

Outside the United States, a different warranty may apply. For details, please contact your franchised Whirlpool distributor or military exchange.



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Whirlpool is a leader in the manufacture of: Dishwashers, Built-In Ovens and Surface Units, Ranges, Microwave Ovens, Trash Compactors, Room Air Conditioners, Dehumidifiers, Automatic Washers and Dryers.

