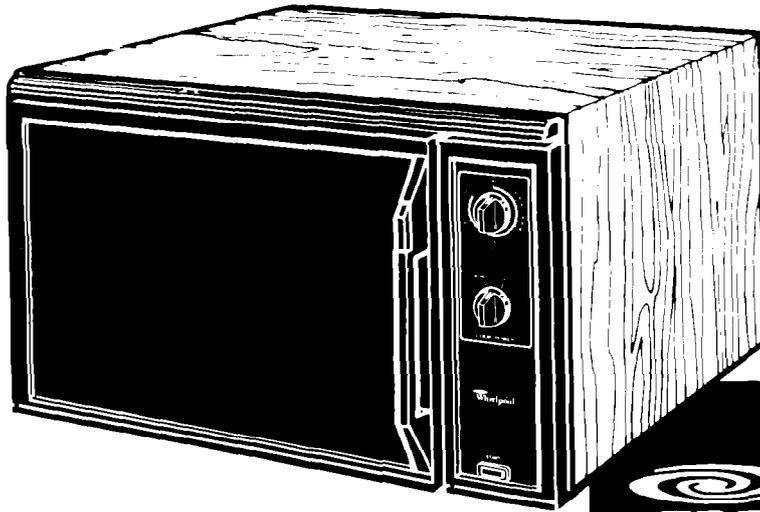


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# use & care guide

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**MICROWAVE  
OVEN**

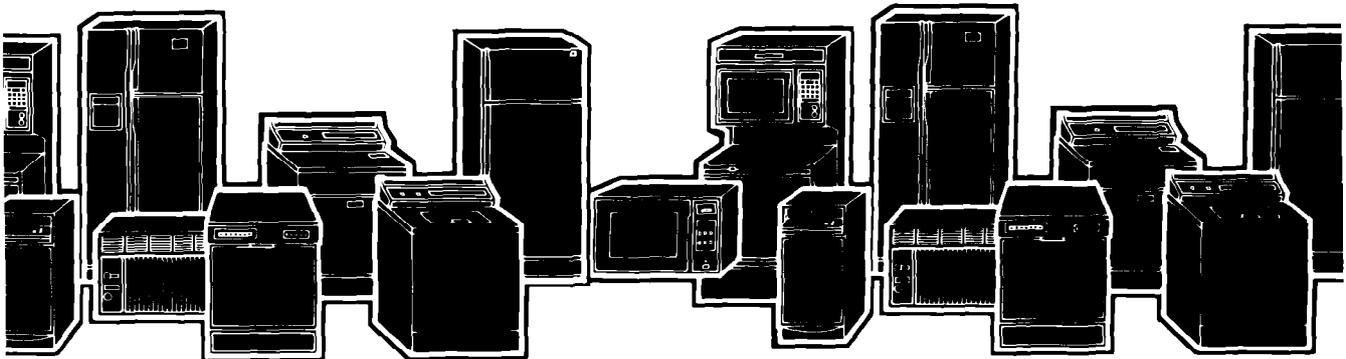
The Whirlpool logo, consisting of a stylized swirl icon above the word "Whirlpool" in a bold, serif font. The logo is set against a dark rectangular background.

**Whirlpool**

**Model MW8100XR**

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s. Freezers, Refrigerator-Freezers, Ice Makers, Dishwashers, Built-In Ovens, and Surface Units, Ranges, Microwave Ovens, Trash Compactors, Room Air Conditioners, Dehumidifiers



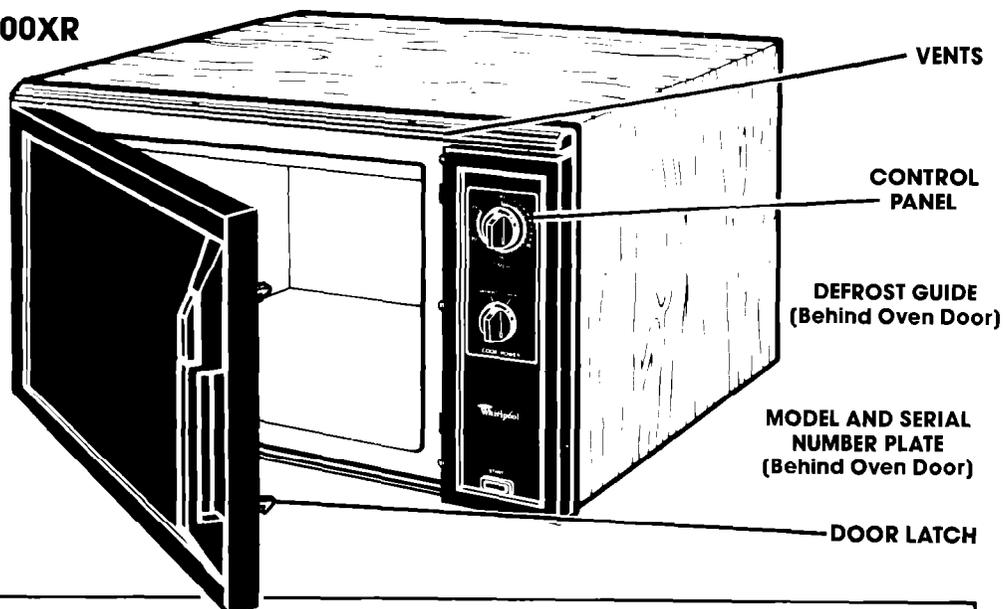
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## Parts and features

### Model MW8100XR



### Copy your Model and Serial Numbers here...

If you need service or call with a question, have this information ready.

1. **Complete** Model and Serial Numbers (from the plate just behind the microwave oven door on the oven frame).

2. Purchase date from sales slip.

Copy this information in these spaces. Keep this book, your warranty and sales slip together in a handy place. There is no warranty registration to return. Proof-of-purchase is all that is required for in-warranty service.

Model Number \_\_\_\_\_

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

Purchase Date \_\_\_\_\_

Service Company Phone Number \_\_\_\_\_

Fill out and return the "Microwave Registration Card" attached to the oven door. If the card is missing, please send the model number of your microwave oven, with your name and address to...

Whirlpool Corporation  
Microwave Registration Department  
Administrative Center  
2000 U.S. 33 North  
Benton Harbor, Michigan 49022

This information will help us reach you if there is ever a need to pass along information about your microwave oven.

## Before you install your microwave oven

Read and carefully follow the "INSTALLATION INSTRUCTIONS" found on page 9 of this "Use & Care Guide."

## Before you use your microwave oven

Read this "Use & Care Guide" carefully for important use and safety information. Store in a convenient place for future use.



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

- Has been installed where it is protected from the elements. **The microwave oven should be at a temperature above 50° F (10° C) for proper operation.**
- Has been installed on a surface strong enough to support its 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 microwave oven.

## PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY...

**DO NOT** attempt to operate this oven with the door open since open-door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.

**DO NOT** place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.

**DO NOT** operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the

- (1) Door (bent),
- (2) Hinges and latches (broken or loosened),
- (3) Door seals and sealing surfaces.

**DO NOT** operate the microwave oven if the door window is broken.

The microwave oven should be checked for microwave leakage by qualified service personnel after a repair is made.

The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

**DO NOT** operate the microwave oven with the outer cabinet removed.

# IMPORTANT SAFETY INSTRUCTIONS

Microwave ovens have been used successfully in homes for a number of years. They are thoroughly tested for safe and efficient operation. However, as with any appliance, there are special installation and safety precautions which must be followed to ensure safe and satisfactory operation and prevent damage to the unit.



**WARNING** – To reduce the risk of burns, electric shock, fire, injury to persons or exposure to excessive microwave energy:

1. Read all instructions before using appliance.
2. Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found on page 3.
3. This appliance must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS" found on page 10.
4. Install or locate this appliance only in accordance with the provided "INSTALLATION INSTRUCTIONS" found on page 9.
5. Some products such as whole eggs and sealed containers – for example, closed glass jars – may explode and should not be heated in this oven.
6. Use this appliance only for its intended use as described in this manual.
7. As with any appliance, close supervision is necessary when used by children.
8. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped. Electric shock, fire or other hazards may result.
9. This appliance should be serviced only by qualified service personnel. Call a Whirlpool authorized TECH-CARE® Service Company for examination, repair or adjustment.
10. Do not cover or block any opening on the appliance, for fire may result.
11. Do not use outdoors for damage to the oven or electric shock may result.
12. Do not immerse cord or plug in water for electric shock may result.
13. Keep cord away from heated surfaces for electric shock may result.
14. Do not let cord hang over edge of table or counter for electric shock may result.
15. See door surface cleaning instructions on page 11.
16. To reduce the risk of fire in the oven cavity:
  - a. Do not overcook food. Carefully attend appliance if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking. Paper can char or burn, and some plastics can melt if used when heating foods.
  - b. Test dinnerware or cookware before using. See page 8. Some dishes (melamine, Centura,® etc.) absorb microwave energy, becoming too hot to handle and slowing cooking times. Remove wire twist-ties from paper or plastic bags before placing bag in oven. Cooking in metal containers can damage the oven. So can containers with hidden metal (twist-ties, foiling, staples, metallic glaze or trim.)
  - c. If materials inside the oven should ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
17. Read and follow "OPERATING SAFETY PRECAUTIONS" starting on page 7.

**SAVE THESE INSTRUCTIONS**

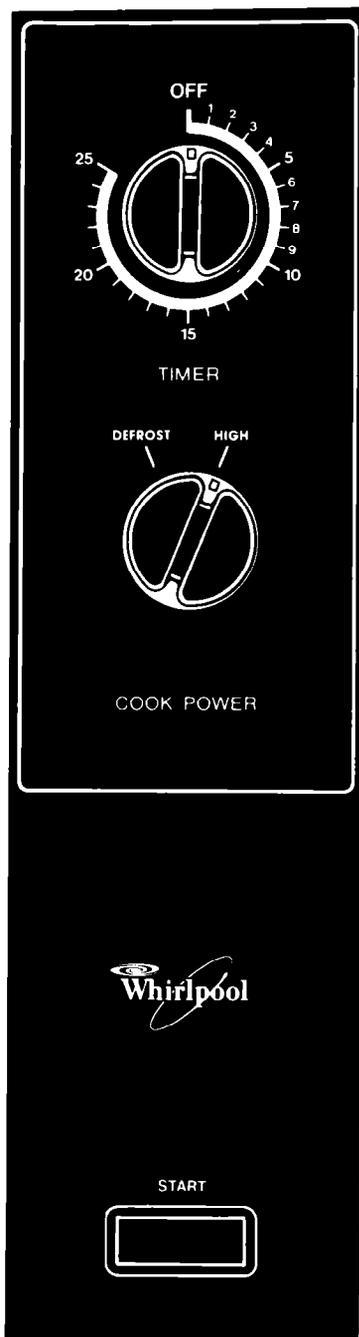
# Using your microwave oven

## Microwave oven controls

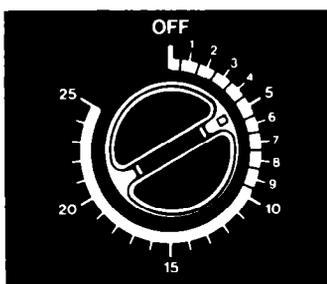
There are three parts in the control section:

- The Timer
- The Cook Power Selector
- The Start Button

Instructions for each control are covered on the following pages. Read them carefully.

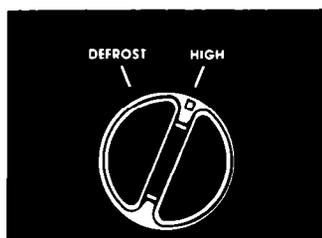


### The Timer



The timer can be set for up to 25 minutes of timing. This controls how long the microwave oven cooks.

### The Cook Power Selector



The Cook Power Selector allows you to control the cooking speed. **HIGH** – for normal cooking. **DEFROST** – for slower cooking and defrosting.

### The Start Button

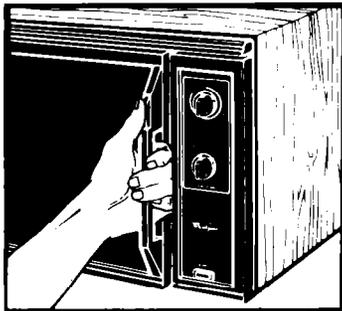


The START Button starts the cooking. The oven door must be closed and securely latched before the oven will operate.

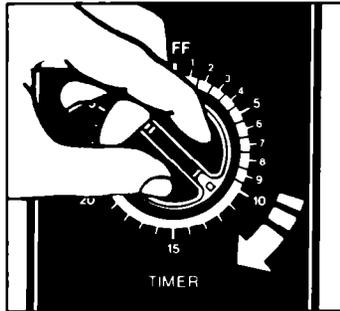


## Setting the controls

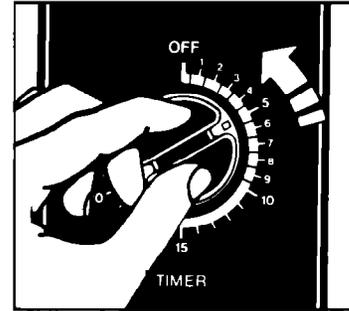
Be sure you understand the basics on microwave oven cooking before you start. Start with recipes from your MICRO MENUS® Cookbook. Follow the directions carefully.



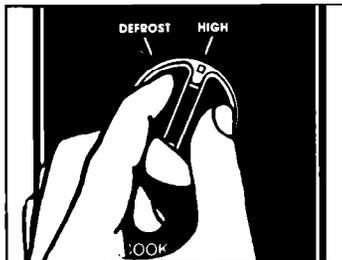
**1.** Place food in the oven, then close the door. **The oven won't work if the door isn't closed tightly.**



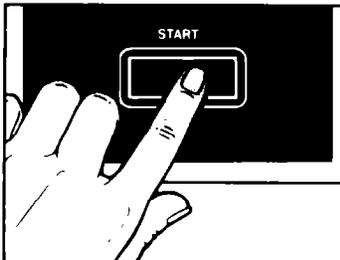
**2.** Set cooking times up to 25 minutes by turning the Timer Knob clockwise. To reduce the cooking time, turn the Timer Knob counterclockwise. **Each mark is 30 seconds for the first 10 minutes. After 10 minutes, each mark is 1 minute.**



**To set the timer for less than 1 minute, turn Timer Knob past 1 minute, then to desired time.**



**3.** Set Cook Power Selector to HIGH or DEFROST.



**4.** Push the START Button. The oven light will come on and cooking will begin. You will hear the fan running during oven operation.

When the set time is up, the oven will shut off automatically. You will hear a bell, the light will go off and the fan will stop.

### To stop the oven

- 1.** Turn the Timer Knob counterclockwise to 0.
- OR**
- 2.** Open the oven door.

### To restart the oven

- 1.** Close the oven door
- 2.** Set the Timer (if needed) to the desired cooking time.
- 3.** Push the START Button.

### Defrosting in your microwave oven

Use the DEFROST setting to thaw frozen food before cooking. See the Defrost Guide on the top oven door frame or your MICRO MENUS® Cookbook for suggested defrost times.

## Bi-level cooking

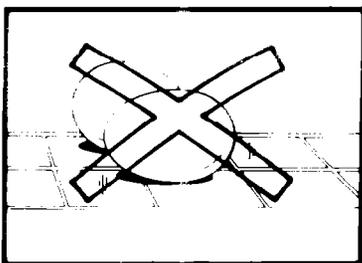
A removable Bi-Level Cooking Rack is available as an accessory kit. This rack lets you cook or reheat foods together as a meal. Ask your dealer for details on...

- MK800 (832985) – Bi-Level Cooking Rack Kit

## Operating safety precautions

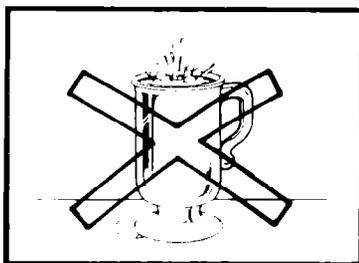


**WARNING: DO NOT use oven until you have read and understand ALL the information on safe use.**

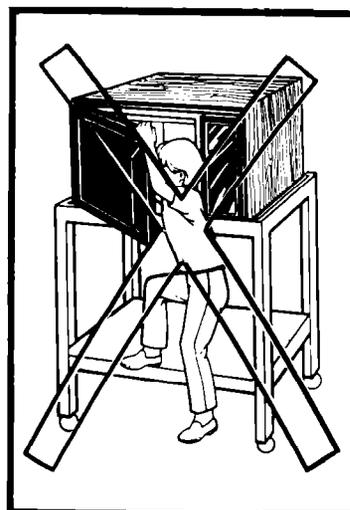


### NEVER COOK OR REHEAT A WHOLE EGG.

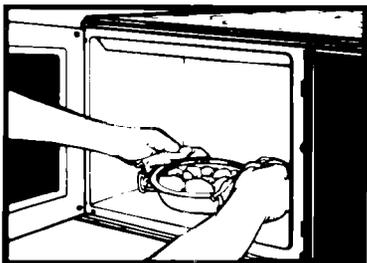
Steam build-up in whole eggs may cause them to burst and burn you, and possibly damage the oven. Slice hard boiled eggs before heating. In rare instances, poached eggs have been known to explode. Cover poached eggs and allow a standing time of one minute before cutting into them.



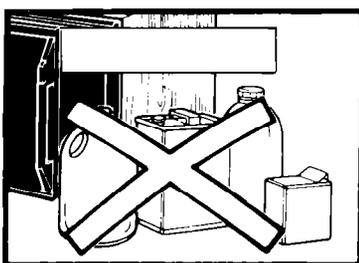
Liquids heated in certain containers (especially cylindrical-shaped containers) may become overheated. The liquid may splash out with a loud noise during or after heating or when adding ingredients (coffee, etc.) resulting in harm to the oven and possible personal injury. For best results stir any liquid several times before heating or reheating.



**NEVER** lean on the door or allow a child to swing on it when the door is open. Injury could result.



**USE HOT PADS.** Microwave energy does not heat containers, but the hot food does.



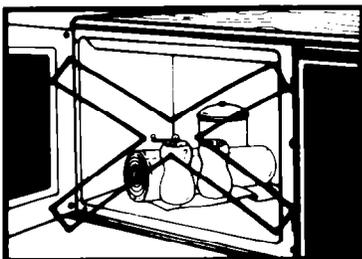
**DO NOT** heat, store or use flammable or inflammable materials in or near the oven.

**DO NOT** can foods in the oven. Closed glass jars may explode resulting in damage to the oven or possible personal injury.

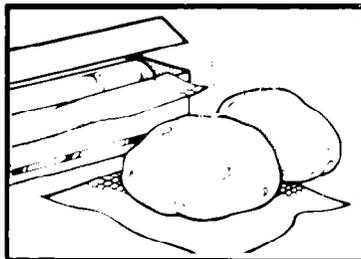
**DO NOT** use the oven to sterilize objects (baby bottles, etc.). It is difficult to maintain the high temperature required for safe sterilization.

continued on next page

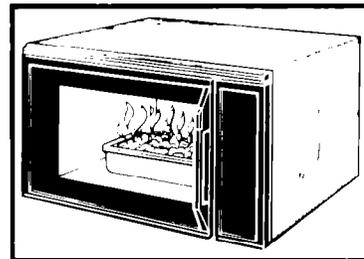
**CAUTION: DO NOT** use the oven until you have read and understand **ALL** precautions to prevent damage to the oven.



**DO NOT** use the oven for storage. Do not leave paper products, books or cooking utensils in the oven when not in use. Fire may result if someone accidentally starts the oven. Don't let anything touch the top of the oven.

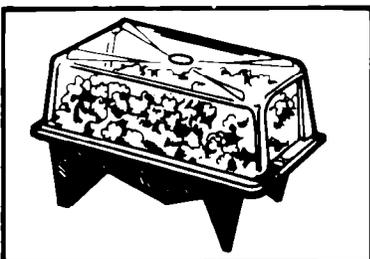


**DO NOT OVERCOOK POTATOES.** Fire could result. At the end of the recommended cooking time they should be slightly firm. Wrap in foil and set aside for 5 minutes. They will finish cooking while standing.

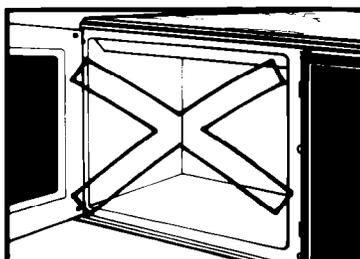


If a fire should start in the oven cavity:

- **keep door closed**
- **turn oven off**
- **disconnect the power supply** at the cord, fuse box or circuit breaker.

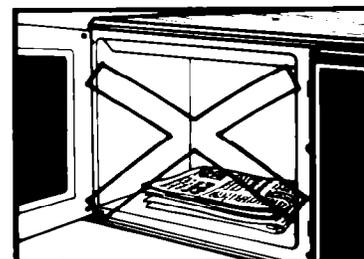


**DO NOT** pop popcorn, except in a microwave-approved popcorn popper or commercial package designed especially for microwave ovens. Results are the manufacturer's responsibility. **NEVER** try to pop corn in a paper bag. Overcooking may result in smoke and fire.



Starting a microwave oven when it's empty is not recommended. If you experiment, put a container of water in the oven.

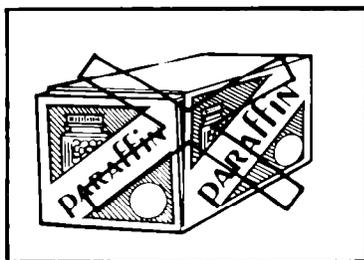
It is normal for the inside of the oven door to look wavy after the oven has been running for a while.



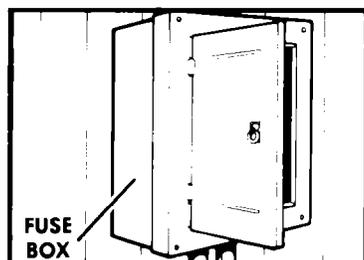
**DO NOT** use newspaper or other printed paper in the oven. Fire could result.

**DO NOT** dry flowers, fruit, herbs, wood, paper, gourds or clothes in the oven. Fire or other hazards may result.

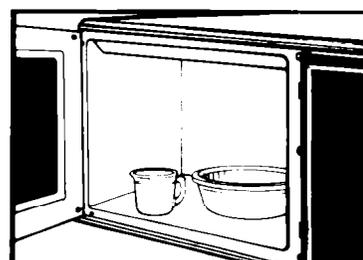
## General information



**DO NOT** try to melt paraffin wax in the oven. Fire or other hazards may result.



If your electric power line voltage is less than the normal 120 volts, cooking times may be longer.

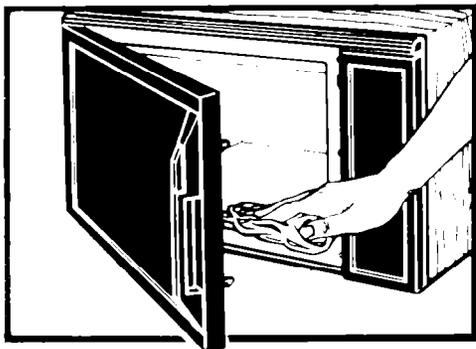


To test a dish for safe use, put it into the oven with a cup of water **beside it**. Cook on high Cook Power for one minute. **If the dish gets hot and water stays cool, do not use it.**

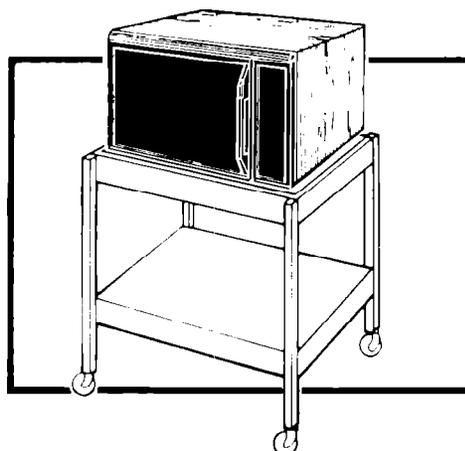
# Installation instructions

BEFORE YOU BEGIN, READ THE FOLLOWING INSTRUCTIONS COMPLETELY AND CAREFULLY.

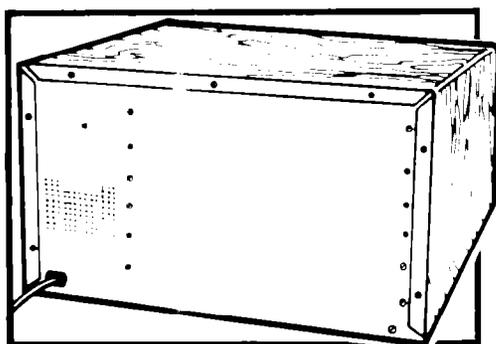
## Installing your microwave oven



**1.** Empty the microwave oven and clean inside it with a soft, damp cloth. Check for damage such as misaligned door, damage around the door or dents inside the oven or on the exterior. If there is any damage, **do not** operate the unit until it has been checked by an authorized trained service technician and any repair made.

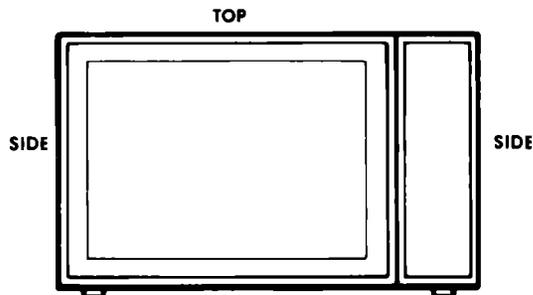


**2.** Put the oven on a cart, counter, table or shelf that is strong enough to hold the oven, the food and the utensils you put in it. **(The control side of the unit is the heavy side. Use care when handling.)** The weight of the oven is approximately 59 lbs. (26.76 kg).



**3.** Do not block the vent openings at the front of the oven or the air intake opening on the bottom or rear of the oven. Blocking vent or air intake openings can cause poor cooking results.

Make sure the microwave oven legs are in place. Do not set the oven on anything that will block the air intake openings.



**4.** Do not install the oven next to a conventional surface unit or in any area where excessive heat and steam are generated. This could damage the outside of the cabinet.

## 5. Electrical requirements

Observe all governing codes and ordinances.

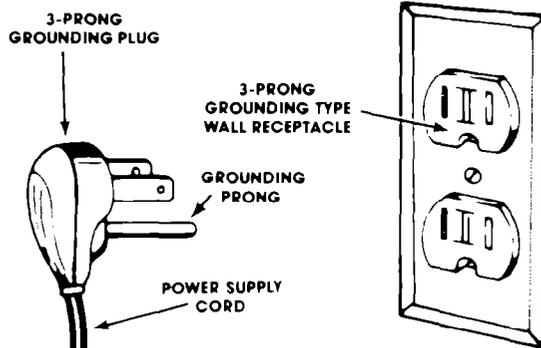
A 120 Volt, 60 Hz., AC only, 15 or 20 amp fused electrical supply is required. (Time-delay fuse is recommended.) It is recommended that a separate circuit serving only this appliance be provided.

## 6. GROUNDING INSTRUCTIONS

**WARNING:** Improper use of the grounding plug can result in a risk of electrical shock.

**DO NOT, UNDER ANY CIRCUMSTANCES, REMOVE THE POWER SUPPLY CORD GROUNDING PRONG.**

7. For your personal safety, this appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This appliance is equipped with a



polarized 3-prong grounding plug. It must be plugged into a correct polarized mating 3-prong grounding type wall receptacle, properly installed and grounded in accordance with the National Electrical Code and local codes and ordinances. If a mating wall receptacle is not available or if you are not sure if the

wall receptacle is properly grounded and polarized, have it checked by a qualified electrician.

It is the personal responsibility and obligation of the customer to have a properly grounded and correctly polarized 3-prong wall receptacle installed by a qualified electrician.

Consult a qualified electrician if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded.

**It is NOT recommended to use an extension cord with your microwave oven, but if you find it necessary to do so temporarily (until a properly grounded and polarized 3-prong receptacle is installed), use only a heavy duty UL listed 3-wire grounding type extension cord containing three 16-gauge (minimum) copper wires. It must not be longer than 10 feet (cords longer than 10 feet may affect the cooking performance of your microwave oven). The plug on the extension cord must fit into a 3-prong grounding type wall receptacle (as shown on this page) and the receptacle end of the extension cord must accept the 3-prong grounding plug of the microwave oven.**



8. Plug the oven into the proper electrical outlet and put about one cup (250 mL) of cold water in a glass container in the oven. Close the door. Make sure it latches. Follow the directions on page 6 to set the oven to COOK for 1½ minutes. When the time is up, the water should be heated.

9. This microwave oven is designed for use in the household only and must not be used for commercial purposes.

**DO NOT** remove the outer case, door, or control panel at any time. The unit is equipped with high voltage and should not be serviced unless by an authorized Whirlpool trained service technician.

# SAVE THESE INSTRUCTIONS

## Building in your microwave oven

Your microwave oven is not limited to carts, counters or tables. Custom installations are made easy with kits available from your dealer.

**1.** Build the microwave oven into a cabinet or wall by itself or over built-in single ovens in the Whirlpool RDE, REE, RGE, RB and SB model series or Imperial 7200 single gas ovens.

**2.** Attach the microwave oven to a wall by itself or with cabinets over it.

**3.** Put the microwave oven on the **MICRO SHELF®** Hood over a cooktop. The hood is available ducted or as a recirculating hood, and includes cooktop lights.

Ask your dealer for details on...

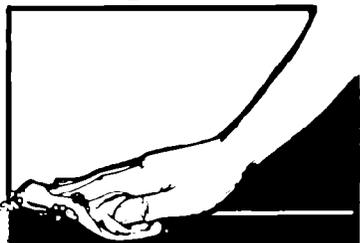
- 832987 – 30-inch Built-in Kit
- 832989 – 24-inch Built-in Kit
- 832991 – 27-inch Built-in Kit
- 832993 – Wall Mounting Kit
- RH3330XR – MICRO SHELF® Hood

**Use only approved installation kits.**

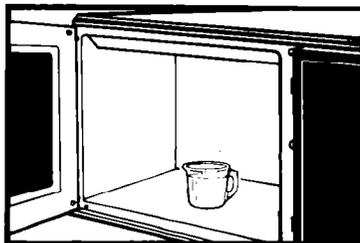
**Obtain these kits from your authorized Whirlpool dealer.**

## Caring for your microwave oven

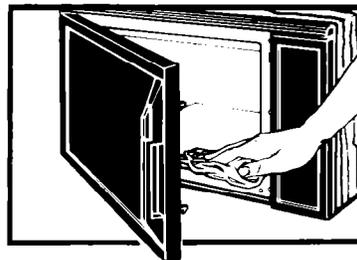
### Cleaning the microwave oven



Wipe often with warm sudsy water and a soft cloth or sponge



For stubborn soil, boil a cup of water in the oven for 2 or 3 minutes. Steam will soften the soil



Be sure to clean the areas where the door and oven frame touch when closed. When cleaning surfaces of door and oven that come together on closing the door, use only mild, non-abrasive soaps or detergents applied with a sponge or soft cloth. Rinse well.

### Caution:

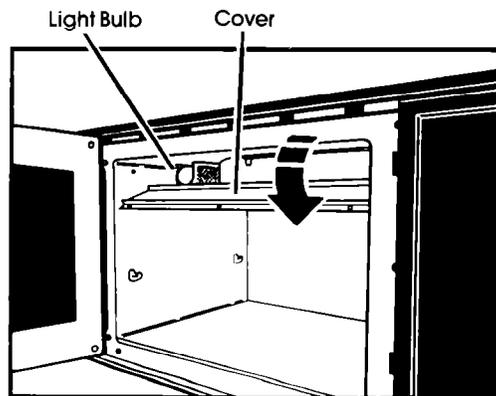
Abrasive cleansers, steel wool pads, gritty wash cloths, etc., can damage the control panel, electronics, and the interior and exterior oven surfaces. Use a soft cloth or a sponge with a mild detergent or spray glass cleaner

### Replacing the light bulb

The microwave oven light should come on whenever the door is opened or the oven is operating.

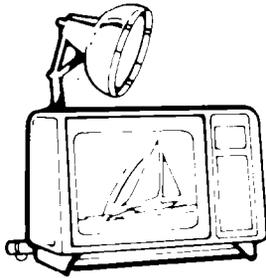
#### To replace:

- 1.** Unplug, or turn off at fuse box or circuit breaker.
- 2.** Open the oven door.
- 3.** Remove the 3 screws from the front of the stirrer cover.
- 4.** Pull down the front portion of the cover. (It is creased across its width to form a hinge.)
- 5.** Replace bulb with a 25-watt candelabra base bulb (FSP 313760). Obtain bulb from your authorized Whirlpool dealer.
- 6.** Close the cover and replace the screws.
- 7.** Plug in, or turn on the main power supply.

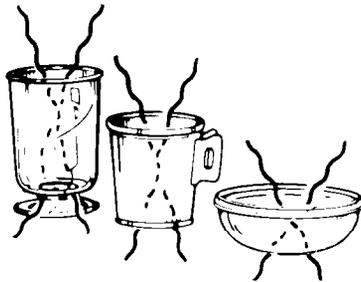


# How your microwave oven works

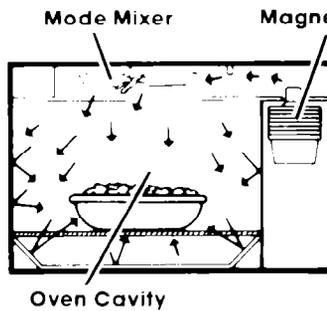
Microwave ovens are safe. Microwave energy is not hot. It causes food to make its own heat, and it's this heat that cooks the food.



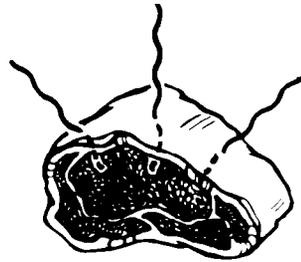
Microwaves are like TV waves or light waves. You can't see them, but you can see what they do.



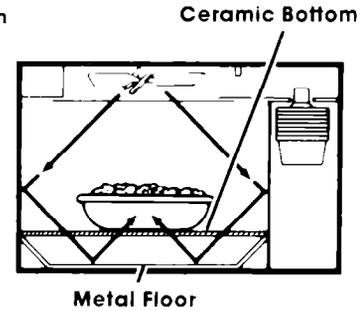
Microwaves pass through glass, paper and plastic without heating them so food absorbs the energy. Microwaves bounce off metal pans so food does not absorb the energy.



A magnetron in the microwave oven produces microwaves. The microwaves move into the oven where they are scattered or stirred by a mode mixer (like a fan). Microwaves bounce off metal oven walls and are absorbed by food.



Microwaves may not reach the center of a roast. The heat around the outside is what cooks the roast all the way through. This is one of the reasons for letting some foods (roasts, baked potatoes) stand for a while after cooking, or for stirring some foods during the cooking time.



The ceramic bottom of your microwave oven lets microwaves through. Then they bounce off a metal floor, back through the ceramic bottom and are absorbed by the food.



The microwaves disturb water molecules in the food. As the molecules bounce around bumping into each other, heat is made, like rubbing your hands together. This is the heat that cooks.

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

## 1. Before calling for assistance...

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

### If nothing operates:

- Is the power supply cord plugged into a live circuit with the proper voltage? (See page 10).
- Have you checked your home's main fuses or circuit breaker box?
- Have you checked the electric company for a power failure?

### If the microwave oven will not run:

- Is the Timer set?
- Is the door firmly closed and latched?
- Did you push the START Button?
- Did you follow the directions on page 6 exactly?

### If the microwave cooking times seem too long:

- Is the electric supply to your home low or lower than normal? Your electric company can tell you if the line voltage is low.
- Is the Cook Power set correctly?
- Are you allowing for more time when cooking more food at one time?

## 2. If you need assistance\*...

Call the Whirlpool COOL-LINE® service assistance telephone number. Dial free from:

Continental U.S. .... (800) 253-1301  
 Michigan ..... (800) 632-2243  
 Alaska & Hawaii ..... (800) 253-1121

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



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.

## 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
SERVICE COMPANIES		SERVICE COMPANIES
XYZ SERVICE CO. 123 Maple ..... 999-9999		XYZ SERVICE CO. 123 Maple ..... 999-9999
OR		
WASHING MACHINES, DRYERS & IRONERS - SERVICING		
WHIRLPOOL APPLIANCES FRANCHISED TECH-CARE SERVICE		
SERVICE COMPANIES		
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. Stephen E. Upton  
 Senior Vice President  
 Whirlpool Corporation  
 Administrative Center  
 2000 US-33 North  
 Benton Harbor, MI 49022

\*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.







Making your world a little easier.

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Makers. Dishwashers. Built-In Ovens and Surface Units. Ranges. Microwave Ovens. Trash Compactors. Room Air Conditioners. Dehumidifiers. Automatic Washers. Clothes Di

