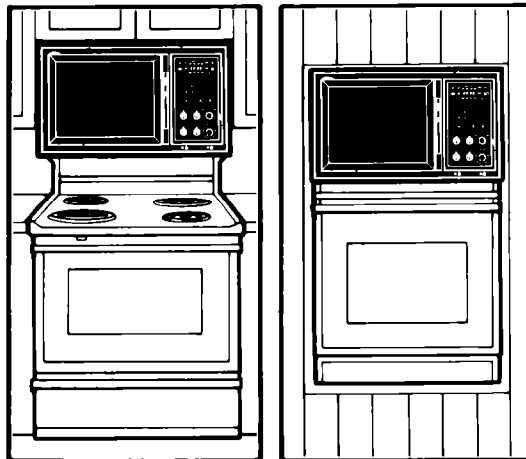
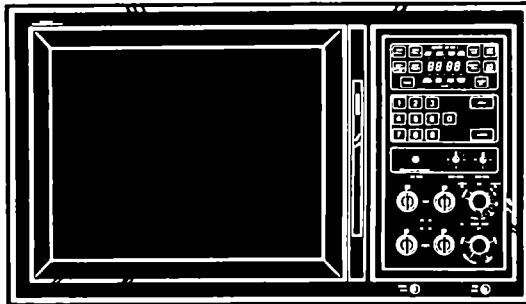


use & care guide



UPPER MICROWAVE OVEN

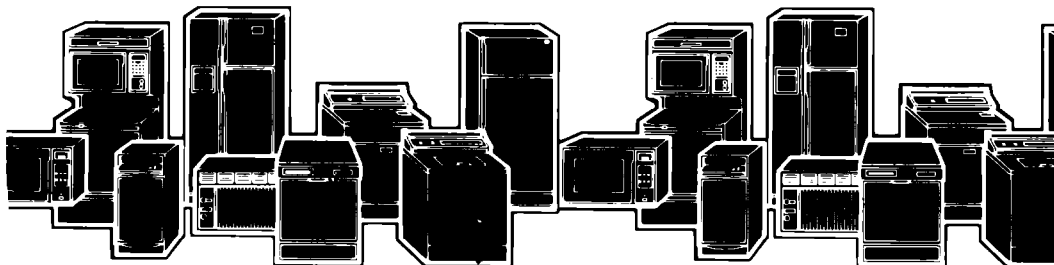
Eye-Level Models

RM988PXP
RM978BXP
RM973BXP
SM988PEP
SM958PEP

Built-In Models

RM288PXP
RM278BXP

Wave Ovens, Trash Compactors, Room Air Conditioners, Dehumidifiers, Automatic Washers, Clothes Dryers, Freezers, Refrigerator-Freeze



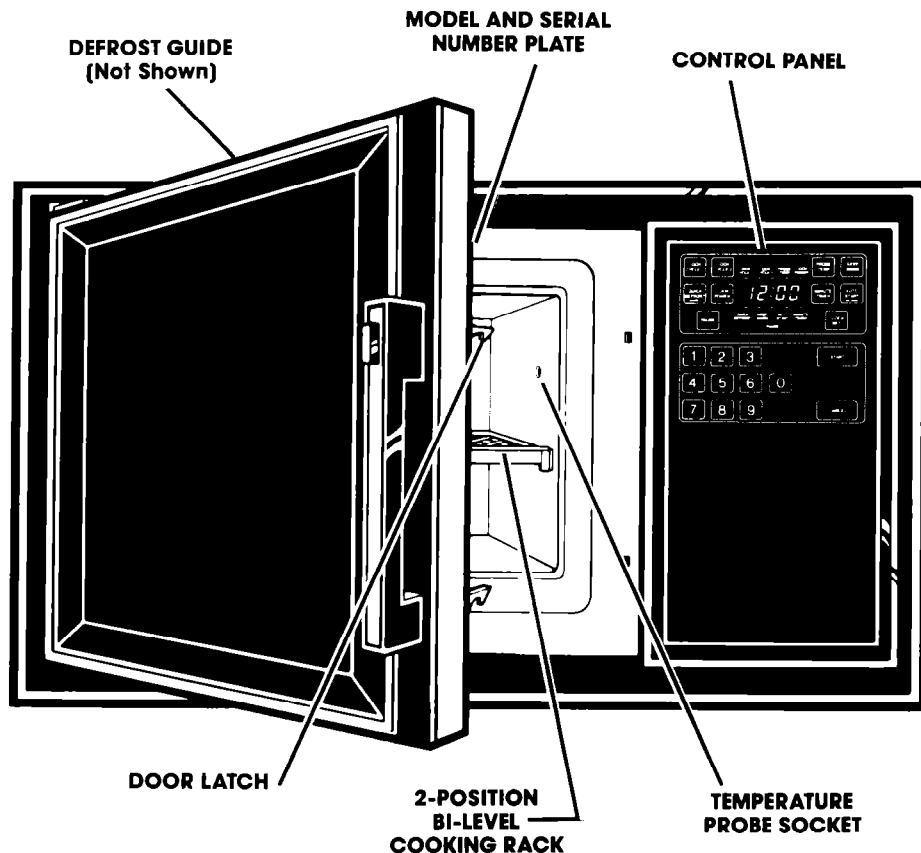
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Parts and features

UPPER MICROWAVE OVEN



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 located behind the microwave oven door).

2. Purchase date from sales slip.

Copy this information in these spaces. Keep this book, other oven literature, 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 Microwave Oven Door. If the card is missing, please send the model and serial number of your Microwave Range, 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 range.

Remove the Consumer Buy Guide label before using your microwave range.

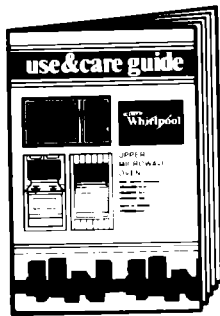
Before you use your microwave oven

Read and carefully follow the “INSTALLATION INSTRUCTIONS” packed with your microwave oven.

Read this “Use & Care Guide” and your “Cooking Guide” carefully for important use and safety information. Store these with Range or Lower Oven literature for future use.



WARNING: This appliance must be connected to a grounded, metallic, permanent wiring system, or an equipment grounding conductor should be run with the circuit conductors and connected to the equipment grounding terminal or lead on the appliance.



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 and levelled on a floor strong enough to support its weight. (Eye-level models only)
- 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 microwave oven.

See your Range or Lower Oven “Use & Care Guide” for additional safety and operating instructions.

IMPORTANT SAFETY INSTRUCTIONS

For Use of Microwave Upper Oven

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.

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 surface 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 glass is broken.

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

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

continued on next page



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 5.
3. This appliance must be installed and properly grounded in accordance with the separately provided **“Installation Instructions.”**
4. Some products such as whole eggs and sealed containers – for example, closed glass jars – may explode and should not be heated in this oven.
5. Use this appliance only for its intended use as described in this manual.
6. As with any appliance, close supervision is necessary when used by children.
7. 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.
8. This appliance should be serviced only by qualified service personnel. Call a Whirlpool authorized TECH-CARE[®] Service Company for examination, repair or adjustment.
9. Do not cover or block any opening on the appliance, because fire may result.
10. Do not use outdoors because damage to the oven or electric shock may result.
11. See door surface cleaning instructions on page 27.
12. To reduce the risk of fire in the oven cavity:
 - a. Do not overcook food. Carefully watch 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. 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, foil lining, staples, metallic glaze or trim). Test dinnerware or cookware before using. See page 28.
 - 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.
13. Read and follow **“OPERATING SAFETY PRECAUTIONS”** starting on page 28.

SAVE THESE INSTRUCTIONS

Using your microwave oven

Microwave oven controls

There are three parts to the microwave oven control section :

- The Digital Display/Clock and Indicator Lights
- Command Pads
- Number Pads

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

When you first connect power to the oven, the Display will show 88:88. If after you set the Clock (page 8), the Display again shows all 8's, it means your electricity was off for a while. Reset the Clock.



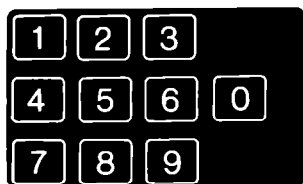
Digital display/clock and indicator lights



When you are not using the microwave oven, this is an accurate digital clock.

When you are using the microwave oven, it displays Time, Temperature, Cook Power, Indicator Lights and shows what Number Pads you touched.

While the oven is running, an Indicator Light (or lights) will be on to show what the oven is doing.



Command pads

Touch Command Pads to tell the microwave oven what to do and in what order to do it. Examples:

- **CLOCK SET** tells the oven you are going to set the clock.
- **START** tells the oven to start.

Each Command Pad (except CLOCK SET, START and CANCEL) lights an Indicator Light on the digital display. The Indicator Light comes on when you touch the Command Pad.

Number pads

Once you've touched a Command pad to tell the oven what to do, you'll touch Number Pads to tell it...

- a time,
- a Cook Power,
- a food temperature.

Programming tone

Each time you touch a pad you will hear a tone. If you do not hear a tone, it is because the instruction is not correct, or it is because the tones have been removed.

EXAMPLE: If you touch a Number Pad before you touch a Command Pad, you will not hear a tone. The instruction is not correct.

If you want to remove the tone:

- Open the door.
- Touch **CANCEL twice**, then **START**.
- The tone will not sound for any touch.

If you want to replace the tone:

- Open the door.
- Touch **CANCEL twice**, then **START**.
- The tone will sound for any correct touch.

Setting the clock

When the oven is first plugged in, the Clock/Display shows **88:88**. If the electric power ever goes off, the Clock/Display will again show all 8's when the power comes back on.

You can cook or use the Minute Timer without setting the clock, but the display will be blank after cooking.

DO THIS...

1. Touch **CLOCK SET**.



THIS HAPPENS...

The Display will show a "0" and the colon will start to flash. (The first Number Pad must be touched within 5 seconds or the display will go blank. Touch **CLOCK SET** again and continue.)

2. Touch Number Pads for the correct time of day.



The Display will show what numbers you touched **in the order you touched them**. This example shows 3:25.

3. Touch START.



The colon will stop flashing. The Clock is set.

If you have touched in an incorrect time, such as 12:65, "Err" will show on the Display. Touch CLOCK SET and start over.

Using the minute timer

The Minute Timer does not start or stop cooking. It can be used alone or while the oven is operating. It works like a kitchen timer.

DO THIS...

1. Touch MINUTE TIMER.



THIS HAPPENS...

The Minute Timer Indicator Light will come on and the Display will show a "0." **The first Number Pad must be touched within 5 seconds or the Display will again show the time of day.** Touch MINUTE TIMER again and continue.

2. Touch Number Pads for minutes and seconds.



The Display will show what numbers you touched **in the order you touched them**. This example shows 1 minute, 45 seconds.

3. Touch START.



The MINUTE TIMER Indicator Light will stay on to show that the Minute Timer is running.

The Display counts down the seconds to show how much time is left on the Minute Timer.

When the set time is up, a beep will sound and the Display will show the time of day.

Changing the minute timer

- Touch MINUTE TIMER.
- Touch numbers to set new time.
- Touch START.

New instructions cancel the old ones.

Cancelling the minute timer

- Touch MINUTE TIMER.
- Touch CANCEL. **Note:** Touch MINUTE TIMER before touching CANCEL to cancel just the Minute Timer. If **CANCEL is touched first, all cooking instructions will be cancelled and the Minute Timer will continue to operate.**

Opening the oven door does not stop the Minute Timer countdown; however, it does stop any cooking or defrosting. Close the door and touch START to continue cooking or defrosting.

Cooking in one cycle

Follow these steps to cook at high power.

DO THIS...

- 1. Put food in the oven and close the door.**
- 2. Touch COOK CYCLE 1.**



THIS HAPPENS...

The COOK CYCLE 1 Indicator Light will come on and the Display will show four 0's.

- 3. Touch Number Pads for the cooking time you want.**



The Display will show the numbers you touched **in the order you touched them**. The example shows 1 minute, 30 seconds.

- 4. Touch START.**



The oven will automatically cook at high Cook Power.

The COOK CYCLE 1 Indicator Light will stay on to show that the oven is cooking in the first cycle.

count
down

End

BEEP BEEP BEEP BEEP

The Display counts down the time to show how much time is left in the first cycle.

When the cooking time ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display until door is opened or CANCEL is touched. The Display will then show the time of day.

Changing the cooking time.

Cooking time can be changed any time before touching START or during the cycle:

1. Touch COOK CYCLE 1
2. Touch numbers for new time.
3. Touch START.

Cook Cycle 1 will continue cooking for the new time.

Lower cook powers

For best results, some recipes call for lower Cook Powers. The lower the Cook Power, the slower the cooking. Each Number Pad also stands for a different percentage of Cook Power. Many recipes in your MICRO MENUS* Cookbook tell you, by number, which Cook Power to use. Recipes in other books and magazines may tell you by name (HI, MED, LO, etc.) or percentage (10%, 50%, 80%, etc.).

The following chart gives the percentage of Cook Power each Number Pad stands for, and Cook Power name usually used.

*Tmk.

automatic 100% of full power HIGH

9 = 90% of full power

8 = 80% of full power

7 = 70% of full power MED-HIGH

6 = 60% of full power

5 = 50% of full power MED

4 = 40% of full power

3 = 30% of full power MED-LOW

2 = 20% of full power

1 = 10% of full power LOW

0 = no power (fan and light will be off)

DO THIS...

1. Put food in the oven and close the door.

2. Touch COOK CYCLE 1.



THIS HAPPENS...

The COOK CYCLE 1 Indicator Light will come on and the Display will show four 0's.

3. Touch Number Pads for the cooking time you want.



The Display will show the numbers you touched **in the order you touched them**. This example shows 7 minutes, 30 seconds.

4. Touch COOK POWER.



The COOK POWER Indicator Light will come on and the Display will show "P-HI". This shows the oven is pre-programmed to cook at full (HIGH) power.

5. Touch a Number Pad for the Cook Power you want.



The Display will show what you touched. This example shows you touched Number Pad 5 for 50% of full power.

6. Touch START.



count
down



The COOK CYCLE 1 and COOK POWER Indicator Lights will stay on to show that the oven is cooking in the first cycle at a Cook Power other than high.

The Display counts down the time to show how much cooking time is left in the first cycle.

For 2 of every 10 seconds, the Display will show the Cook Power you selected.



BEEP BEEP BEEP BEEP

When the cooking time ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display until door is opened or CANCEL is touched. The Display will then show the time of day.

Changing cook power

- **Cook Power** can be changed any time before touching START or during the cycle.
 - Touch COOK POWER.
 - Touch a number for the new Cook Power.
 - Touch START. The cycle will cook at the new Cook Power for the original time.
- OR...**
 - Touch COOK POWER **twice** if you want to change a lower Cook Power to HIGH.
 - Touch START.

Defrosting

Use QUICK DEFROST to thaw frozen food before cooking. For suggested defrost times, see the guide on the inside of the oven door or the chart in your MICRO MENUS* Cookbook.

*Trk.

DO THIS...

1. Put frozen food in the oven and close the door.
2. Touch **QUICK DEFROST**.



THIS HAPPENS...

The QUICK DEFROST Indicator Light will come on and the Display will show four 0's.

3. Touch Number Pads for the defrosting time you want.



The Display will show the number you touched **in the order you touched them**. This example shows 2 minutes, 30 seconds.

4. Touch START.



BEEP BEEP BEEP BEEP

The QUICK DEFROST Indicator Light will stay on to show that the oven is in the Quick Defrost Cycle.

The Display counts down the time to show how much defrosting time is left.

When the defrost time ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display until door is opened or CANCEL is touched. The Display will then show the time of day.

Standing time or cooking automatically after defrosting

For best results, allow the food to stand for a while after defrosting. This helps equalize the temperature of the food to provide more even defrosting.

When the COOK CYCLE 1 follows QUICK DEFROST, the oven automatically provides a standing time equal to the time touched in for QUICK DEFROST. COOK CYCLE 1 will begin after the automatic standing time.

For cooking automatically after defrosting:

1. Touch QUICK DEFROST and desired time.
2. Touch COOK CYCLE 1.
3. Touch numbers for desired cooking time.
4. Touch COOK POWER. (If you want to cook at high power, skip to step 6.)
5. Touch a number for desired Cook Power.
6. Touch START.

When QUICK DEFROST is over, the oven will shut off. If Cook Cycle 1 has not been programmed, 3 beeps will sound and the Display will count down the time for Cook Cycle 2 at zero Cook Power. If Cook Cycle 1 has not been programmed, the Display will count down and sound 2 beeps before Cook Cycle 1 will start. "End" will show on the Display and 4 beeps will sound when the standing time and cooking time is over.

About the "QUICK DEFROST" Cycle

The microwave oven automatically divides the time set for the QUICK DEFROST Cycle into three equal parts:

- First part 80% of full Cook Power;
- Second part 50% of full Cook Power;
- Third part 20% of full Cook Power.

This automatic step-down in Cook Power helps defrost food quickly and completely.

Changing or adding defrost time

You can change the defrosting time any time before or after touching START.

- Touch QUICK DEFROST.
- Touch numbers for new time.
- Touch START.

Any new time setting made while QUICK DEFROST is operating will continue the defrosting at only 20% of full power.

The best time to change the setting is near the end of the QUICK DEFROST Cycle.

- Open the door.
- Check the food with long-tined fork; if center area is hard frozen, set additional time. **Remember that standing time is necessary to complete the defrosting.**
- Close the door and touch START to continue the cycle if no additional time is needed.

OR...

- Touch in new instructions for additional defrosting time.

Cooking in two cycles

For best results, some recipes call for one Cook Power for a certain length of time, and another Cook Power for another length of time. Your oven can be set to change from one to another automatically.

DO THIS...

1. Put food in the oven and close the door.
2. Touch **COOK CYCLE 1**.



3. Touch Number Pads for the cooking time you want in the first cycle.



4. Touch **COOK POWER**. (If you want the high Cook Power, skip to step 6.)



THIS HAPPENS...

The **COOK CYCLE 1** Indicator Light will come on and the Display will show four 0's.

The Display will show the numbers you touched **in the order you touched them**. This example shows 3 minutes, 25 seconds.

The **COOK POWER** Indicator Light will come on and the Display will show "P-HI". This shows the oven is pre-programmed to cook at full (HIGH) power.

5. Touch a Number Pad for the Cook Power you want in the first cycle.



The Display will show what you touched. This example shows you touched Number Pad 6 for 60% of full power.

6. Touch COOK CYCLE 2.



The COOK CYCLE 2 Indicator Light will come on and the Display will show four 0's.

7. Touch Number Pads for the cooking time you want in the second cycle.



The Display will show the numbers you touched **in the order you touched them**. This example shows 4 minutes, 30 seconds.

8. Touch COOK POWER. (If you want the high Cook Power, skip to step 10.)



The COOK POWER Indicator Light will come on and the Display will show "P-HI". This shows the oven is pre-programmed to cook at full (HIGH) power.

9. Touch a Number Pad for the Cook Power you want in the second cycle.



The Display will show what you touched. This example shows you touched Number Pad 4 for 40% of full power.

10. Touch START.



BEEP BEEP



BEEP BEEP BEEP BEEP

When you touch START, the COOK CYCLE 1 Indicator Light will stay on while the oven is cooking in the first cycle. The COOK POWER Indicator Light will be on if you are using a Cook Power other than high. All other Indicator Lights will go off.

The Display counts down the cooking time to show how much time is left in the first cycle.

For 2 of every 10 seconds, the Display will show the Cook Power you selected, if you are using a Cook Power other than high.

You will hear 2 beeps at the end of Cook Cycle 1. You can either open the door to check, stir or turn the food, etc., or you can let the oven start the next cycle. If you do open the door, touch START after closing the door to restart the oven.

The COOK CYCLE 2 Indicator Light will be on during the second cycle. The COOK POWER Indicator Light will also be on if you are using a Cook Power other than high.

The Display counts down the time to show how much time is left in the second cycle.

For 2 of every 10 seconds, the Display will show the Cook Power you selected, if you are using a Cook Power other than high.

When Cook Cycle 2 ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display until door is opened or CANCEL is touched. The Display will then show the time of day.

Changing or adding instructions

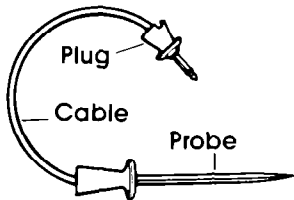
You can change times, Cook Powers, or add cycles any time before touching START or during oven operation.

- Touch the COOK CYCLE you wish to change or add (COOK CYCLE 1 or 2).
- Touch numbers for new time, if desired.
- Touch COOK POWER, if change is desired.
- Touch number for new Cook Power, or touch COOK POWER again if high is desired.
- Touch in new cycle and time, if desired.
- Touch START.

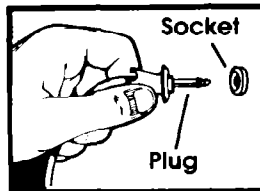
Cooking with the TEMPERATURE PROBE

The Temperature Probe helps take guesswork out of cooking roasts and larger casseroles. The probe is designed to turn off the oven when it senses the temperature you chose. See your MICRO MENUS* Cookbook for helpful information in cooking different types food. *Tmk.

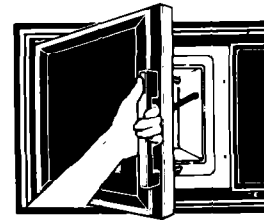
DO THIS...



1. Insert at least $\frac{1}{3}$ of the temperature probe into the food.



2. Place food in the oven and plug the probe into the socket on the oven wall.



3. **Make sure the probe does not touch any part of the oven interior. Close the door.**

DO THIS...

4. Touch **PROBE TEMP**.



THIS HAPPENS...

The PROBE TEMP Indicator Light will come on and the Display will show "F."

5. Touch Number Pads for the desired final temperature.



The Display will show the numbers you touched **in the order you touched them**. This example shows a final cooked temperature of about 140°F.

6. Touch **COOK POWER** (Option: Touch **START** if you want to use high power.)

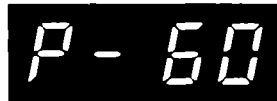


The COOK POWER Indicator Light will come on and the Display will show "P-HI". This shows the oven is pre-programmed to cook at full (HIGH) power.

7. Touch the Number Pad for the Cook Power you want.

The Display will show what you touched.

8. Touch START.



BEEP BEEP BEEP BEEP

The PROBE TEMP and COOK POWER Indicator Lights will stay on.

The Display will show "- 90F" to show the food is less than 90°F. As the food cooks the Display will show the internal temperature of the food for every 5°F increase.

For 2 of every 10 seconds, the Display will show the Cook Power you selected, if you are using a Cook Power other than high.

When the probe senses the temperature you selected, the oven shuts off, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display until door is opened or CANCEL is touched. The Display will then show the time of day.

Hints for using the temperature probe

The recommended temperature settings in your MICRO MENUS* Cookbook may list COOK TEMP followed by a number (1-9). Use the following chart to convert these numbers to temperatures which can be directly programmed into the control. *Tmk.

COOK TEMP	COOK TEMP	COOK TEMP
1 = 90°F	4 = 130°F	7 = 160°F
2 = 110°F	5 = 145°F	8 = 165°F
3 = 120°F	6 = 150°F	9 = 185°F

NOTE: Any temperature setting between 90°F and 200°F can be entered.

DO...

- use hot pads when removing probe from food or from oven.
- stir foods during cooking when recommended.
- stir soups, casseroles and drinks before serving.
- cover roasts with foil and let stand a few minutes after cooking. Remove foil if you decide to cook longer.
- remove the probe from the oven when not cooking by temperature.

DONT...

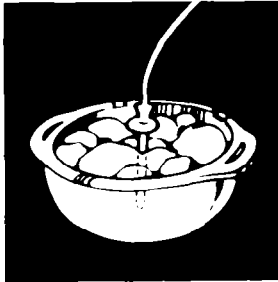
- let probe or probe cable touch any part of the oven interior.
- let probe touch foil (if used for shielding). Foil can be kept away from probe with wooden toothpicks. Remove foil if arcing occurs.
- use paper, plastic wrap or plastic containers.
- use probe in regular oven.
- force probe into frozen food.
- use probe for foods that need to simmer.

Changing the temperature setting

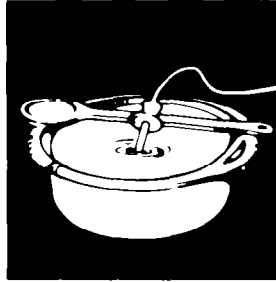
When using the Temperature Probe, PROBE TEMP setting can be changed any time before touching START or during oven operation.

- Touch PROBE TEMP.
- Touch Number Pads for new temperature.
- Touch START. The oven will continue cooking to the new temperature. If the new temperature is lower than the temperature of the food, the oven will shut off.

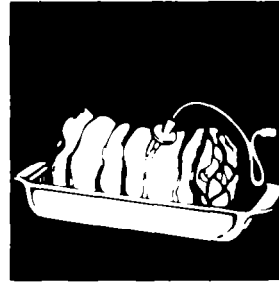
Temperature probe cooking tips



For casseroles, the tip of the probe should be in the center of the food. Stir foods when recommended. Replace the probe.



For liquids, balance the probe on a wooden spoon or spatula so the tip of the probe is in the center of the liquid.



For roasts, the tip of the probe should be in the center of the largest muscle, but not touching fat or bone.

- Casseroles cooked using the Temperature Probe should be made from precooked foods. Do not use raw meats, raw vegetables and cream sauces in casseroles.
- Dry casseroles do not work well.
- Thaw frozen casseroles and meats in the microwave oven before inserting the probe.
- If you are cooking individual servings such as mugs of soup, check the probe setting in several of the items – all the mugs may not heat at the same rate.
- Dry meat loaf mixtures don't work well.
- Remember that roasts may vary in size, shape and composition. Use the timings for minutes per pound as a guide as well as the Temperature Probe.

Cleaning the probe

1. Remove probe from microwave oven using hot pads.
2. Wipe probe with a hot sudsy cloth. Use plastic scouring pad to remove stubborn foods.
3. Probe may be placed in the silverware basket of the dishwasher.

Using PAUSE

For best results, some recipes call for stirring, turning, or adding ingredients during cooking. Your microwave oven can be set to pause between COOK CYCLE 1 and 2, or between either cycle and PROBE TEMP, to give you time to stir or turn the food, or to add ingredients. PAUSE cannot be added after QUICK DEFROST.

DO THIS...

1. Put food in the oven and close the door.
2. Touch in desired cooking instructions for COOK CYCLE 1, (page 15).
3. Touch PAUSE.



4. Touch in desired cooking instructions for COOK CYCLE 2, (page 16).
5. Touch START.

BEEP BEEP



THIS HAPPENS...

The PAUSE Indicator Light will come on and the Display will show the time you selected for Cook Cycle 1.

When COOK CYCLE 1 is over, 2 beeps will sound and the oven will shut off.

The PAUSE and COOK CYCLE 2 Indicator Lights will come on. The Display will show the time set for COOK CYCLE 2.

Open the door. Stir, turn or add ingredients. Close the door.

Touch START to continue with COOK CYCLE 2. **The oven will remain off until you touch START.**

Adding "PAUSE"

PAUSE can be added to the cycle in operation, if there is to be another cycle.

– Touch PAUSE.

– Touch START.

The microwave oven will stop automatically after the cycle in operation. You will hear 2 beeps. START must be touched to begin the next cycle after PAUSE.

If the final cycle has already started, PAUSE cannot be added. Open the oven door to stop cooking; stir or turn food; close the door and touch START.

Using “KEEP WARM”

Hot, cooked foods can be safely kept warm in your microwave oven for up to 99 minutes, 99 seconds (about 1 hour, 40 minutes). KEEP WARM can be used by itself, or it can automatically follow a cooking cycle, or PROBE TEMP cycle.

DO THIS...

1. Put cooked, hot food in oven and close door.
2. Touch KEEP WARM.



3. Touch START.



THIS HAPPENS...

The KEEP WARM Indicator Light will come on. The Display will show the time of day.

The KEEP WARM Indicator Light will stay on. The oven light and the fan will come on. The Display will continue to show the time of day.

- KEEP WARM operates for up to 99 minutes, 99 seconds.
- Opening the oven door cancels KEEP WARM. Close the door and touch KEEP WARM, then START if additional KEEP WARM time is desired.
- Foods cooked covered should be covered during KEEP WARM.
- Pastry items (pies, turnovers, etc.) should be uncovered during KEEP WARM.
- Complete meals kept warm on a dinner plate should be covered during KEEP WARM.
- The use of more than one complete KEEP WARM (about 1 hour, 40 minutes) is not recommended. The quality of some foods will suffer with extended time.

To automatically follow another cycle

- **While you are touching in cooking instructions**, touch KEEP WARM before touching start.
- **After the oven starts operating**, touch KEEP WARM and then START.
- When the last cooking cycle is over you will hear 4 beeps. The KEEP WARM Indicator Light will come on and the time of day will be displayed while the oven continues to run.
- KEEP WARM will follow QUICK DEFROST, COOK CYCLE 1, COOK CYCLE 2 or PROBE TEMP.

Using AUTO START

The microwave oven can be set to start automatically at a later time. Use AUTO START to delay the start of cooking for up to 11 hours, 59 minutes.

DO THIS...

1. Make sure the Clock is set to correct time of day. See page 8 if any change is needed.
2. Put food in oven and close the door. (See CAUTION on page 25.)
3. Touch AUTO START.



4. Touch Number Pads for the time of day you want cooking to start.



5. Touch COOK CYCLE 1.



6. Touch Number Pads for the cooking time you want.



THIS HAPPENS...

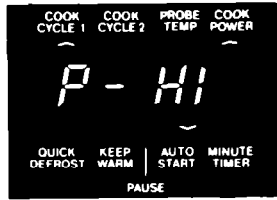
The AUTO START Indicator Light will come on and the Display will show a "0".

The Display will show the numbers you touched **in the order you touched them**. This example shows 5 o'clock.

The COOK CYCLE 1 Indicator Light will come on and the Display will show four 0's.

The Display will show the numbers you touched, **in the order you touched them**. This example shows 8 minutes, 30 seconds.

7. Touch COOK POWER. (Option: Skip to step 9 if you want to use high power.)



The COOK POWER Indicator Light will come on and the Display will show "P-HI". This shows the oven is pre-programmed to cook at full (HIGH) power.

8. Touch a Number Pad for the Cook Power you want.



The Display will show what you touched. This example shows you touched Number Pad 7 for 70% of full power.

9. Touch START.



The AUTO START Indicator Light will stay on. All other Indicator Lights will go off. The Display will go back to showing the time of day.



When the time of day reaches the time you have set in AUTO START, the AUTO START Indicator Light will go off, the COOK CYCLE 1 Indicator Light will come on, the cooking time will show on the Display, and the oven will start cooking.

count
down

The Display counts down the time to show how much time is left in COOK CYCLE 1.



For 2 of every 10 seconds the Display will show the Cook Power you selected, if you are using a Cook Power other than high.



When the cooking time ends, "End" will show on the Display and 4 beeps will sound. (You can stop the beeping by opening the door or by touching CANCEL.) "End" will remain on the Display until door is opened or CANCEL is touched. The Display will then show the time of day.

NOTE: If the oven light and fan come on when you touch START, the Start Time has not been set correctly. Open and close door, reprogram AUTO START time, then touch START.

Additional information

- Additional cycles can be set when using AUTO START. Follow instructions under the proper heading (Defrosting, Cooking in Two Cycles, Cooking with the Temperature Probe, Using PAUSE, Using KEEP WARM) either before or after you touch START.
- You can change times, or add cycles at anytime during the AUTO START cycle.
 1. Touch the Cook Cycle you wish to change or add.
 2. Touch numbers for new time.
 3. Touch COOK POWER, if desired.
 4. Touch number for new Cook Power, or touch COOK POWER again if high is desired.
 5. Touch START.
- Opening the door does not stop Auto Start operation.

CAUTION:

- 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, poultry or fish, or any item with baking powder or yeast.
- Smoked or frozen meats may be used; so can vegetables, fruits and casserole type foods.
- 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.**

Other operating hints

- 1. To double check settings** while the oven is running, touch the Command Pad for the setting you want to check. The instruction programmed for that pad will show on the Display for 5 seconds. Then the Display returns to showing what the oven is doing.
- 2. To stop the oven while it is running:**
 - Open the door. The oven will stop. Restart the oven by closing the door and touching START.
 - Touch CANCEL. All instructions will be erased. You must touch in new instructions.

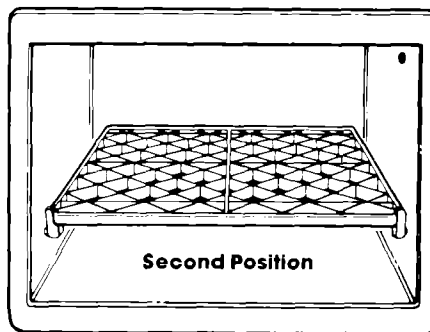
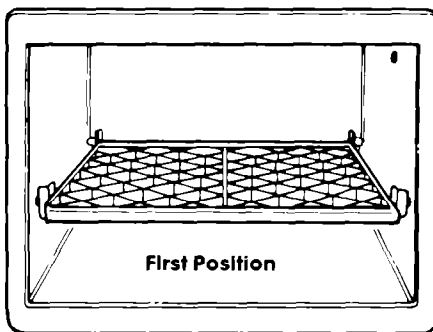
labelling instructions

- Touch CANCEL to erase all instructions except Minute Timer.
- To cancel the **Minute Timer**:
 - Touch MINUTE TIMER.
 - Touch CANCEL.
- Opening the oven door during cooking does not cancel cooking instructions. However, KEEP WARM is **cancelled** when the oven door is opened.

Bi-level cooking rack

(Models RM988PXP, SM988PEP & RM288PXP only)

Use the Bi-Level Cooking Rack when cooking in more than one container. The rack can be turned upside-down to help fit taller containers on the bottom of the oven. See the MICRO MENUS* Cookbook provided with your oven. *Tmk.



Hints for using the Bi-level cooking rack

DO...

- Wash by hand with a mild detergent or in your dishwasher.
- Use only when cooking foods in more than one container.
- Use only in microwave oven.
- Put food in containers, before placing on rack.
- Turn rack upside-down when using taller containers on the bottom of the oven.

DON'T...

- Use abrasive scrubbers or cleansers.
- Use with browning dish.
- Let food or container touch the top or side of the oven.
- Cook foods directly on rack without putting them in containers first.

Optional bi-level cooking rack kit

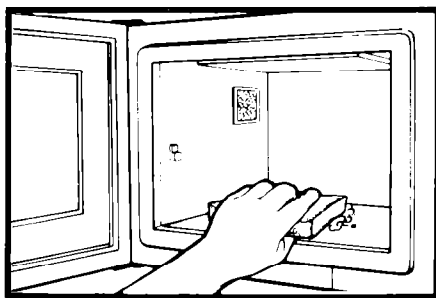
(Models RM978BXP, RM973BXP, SM958PEP & RM278BXP)

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...

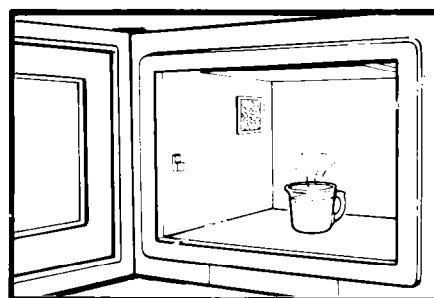
- RCK800 (832848) – Bi-Level Cooking Rack Kit

Caring for your microwave oven

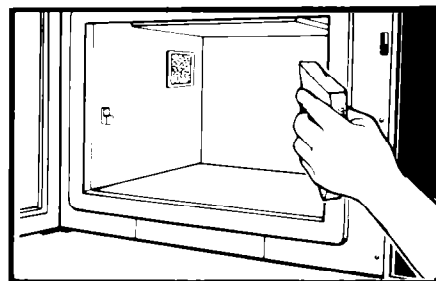
Cleaning the microwave oven



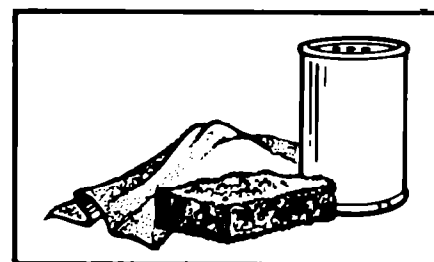
Wipe often with warm sudsy water and a soft cloth or sponge.



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 these surfaces, use only mild, non-abrasive soaps or detergents on a sponge or soft cloth. Rinse well.



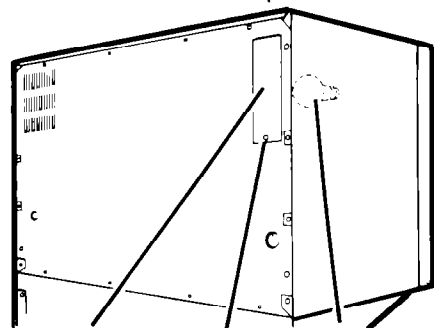
CAUTION: Abrasive cleansers, steel wool pads, gritty wash cloths, etc., can damage the control panel, interior and exterior oven surfaces. Use a soft cloth or sponge with a mild detergent or spray glass cleaner.

Replacing the microwave oven light (Electric Eye-Level Models only)

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

To replace the light bulb:

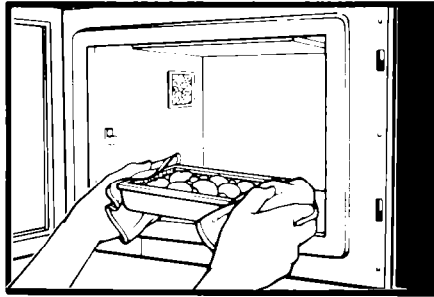
1. Move range away from the wall.
Be very careful. It is heavy.
2. Unplug the power cord, or turn off the main power supply.
3. Remove holding screw on microwave oven access panel.
4. Push aside the interior cardboard flap.
5. Remove and replace the bulb with a 40-watt **appliance** bulb.
6. Replace the cardboard flap, access panel and holding screw.
7. Plug in the power cord, or turn on the main power supply.



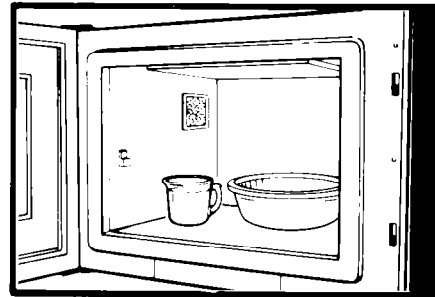
Access Panel Screw Light Bulb

Microwave oven operating safety precautions

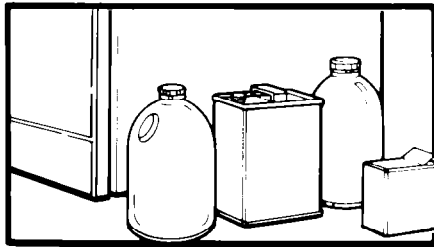
DO NOT use the oven until you have read and understand **ALL** the information on safe use.



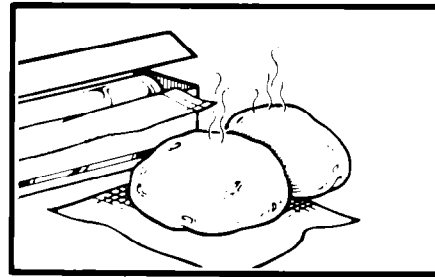
USE HOT PADS. Microwave energy does not heat containers, but the hot food does.



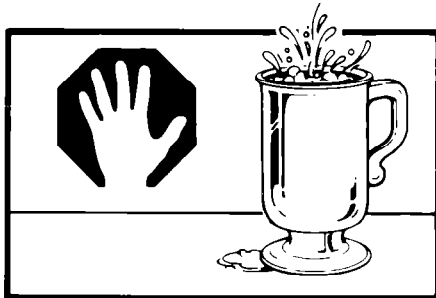
To test a dish for safe use, put it into the oven with a cup of water **beside** it. Cook on high Cook Power for one minute. **If the dish gets hot and the water stays cool, do not use.**



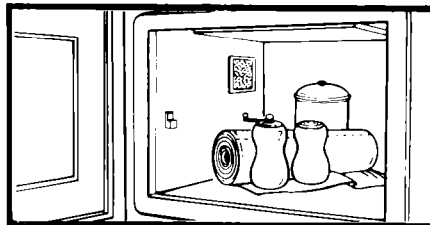
DO NOT heat or store flammable or inflammable materials in or near the oven. Fire may result.



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.

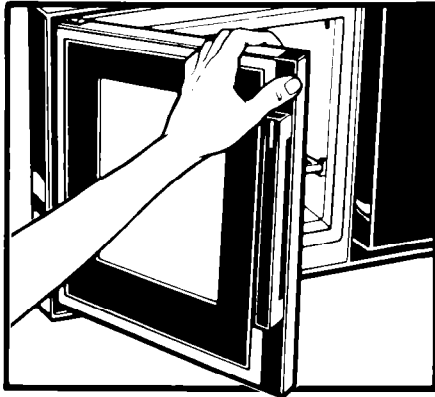


WARNING – Use care when heating liquids or adding ingredients to heated liquids. Liquids heated in certain shaped containers may become overheated. The liquid may splash out with a loud noise during or after heating, or when adding ingredients (instant coffee, etc.). This can harm the oven and the hot liquid could burn you. Do not use such containers to heat liquids again.

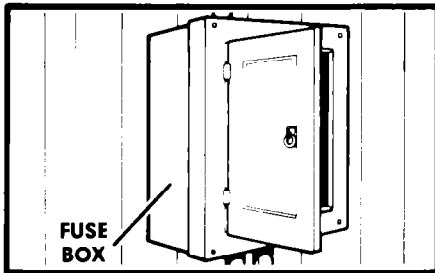


DO NOT use the oven for storage. Do not leave paper products, books or cooking utensils in the oven when not in use. Fire may result if someone accidentally starts the oven.

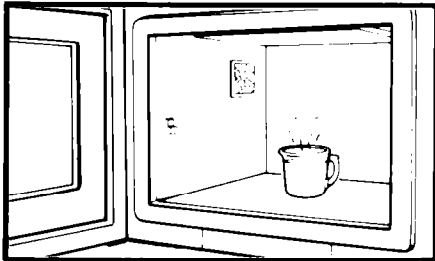
Don't let anything touch the top of the oven.



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

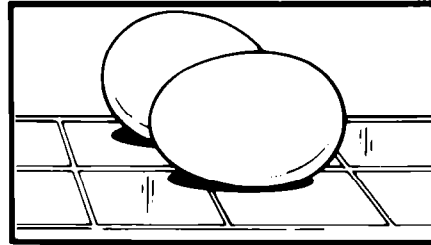


If your electric power line voltage is less than the normal required voltage, cooking times may be longer.

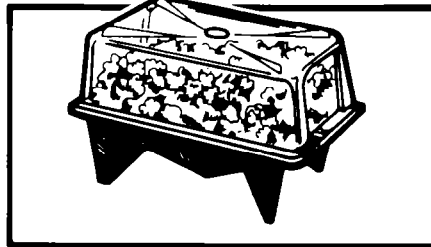


Starting a microwave oven when its empty is not recommended. If you experiment, put a container of water in the oven.

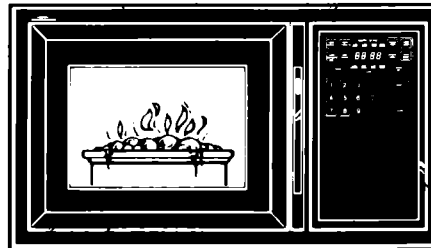
It is normal for the inside of the oven door to look wavy after the oven has been running a while.



NEVER COOK OR REHEAT A WHOLE EGG. Steam build-up in whole eggs may cause them to burst, 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.



Make popcorn only in poppers designed for use in microwave ovens. Follow popper directions. Results are the popper manufacturer's responsibility.



If a fire should start in the oven cavity:

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

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 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 "Installation Instructions.")
- Have you checked the main fuse or circuit breaker box?

If the microwave oven will not run:

- Is the *Timer* set?
- If the Temperature Probe is being used, is it plugged tightly into its socket?
- Is the door firmly closed and latched?
- Did you touch START?
- Did you follow the directions exactly?

If 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 too low.
- Is the Cook Power set correctly?
- Are you allowing for more time when cooking more food at one time?

If the display shows a time counting down, but the oven is not cooking:

- Is the Minute Timer in use?
- Is the oven door closed completely?
- Is the oven in standing time between QUICK DEFROST AND COOK CYCLE 1? (See page 14.)

If you do not hear a programming tone (Page 8):

- Is the command correct?
- Has the tone been cancelled?

If the microwave oven turns off too soon or not soon enough when using the probe:

- Is at least $\frac{1}{3}$ of the probe in the food?
- Is the probe tip in the center of the food?
- Is the probe touching bone or fat?
- Have you allowed roasts to stand for a few minutes after cooking to equalize temperatures?
- Is the probe plugged tightly into its socket?
- Is the Cook Power set correctly?
- Is the Probe Temperature set correctly?

2. If you need assistance*..

Call 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 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
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, Sr. 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.



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will fit right and work right, because they are made to the same exacting specifications used to build every new Whirlpool appliance.



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