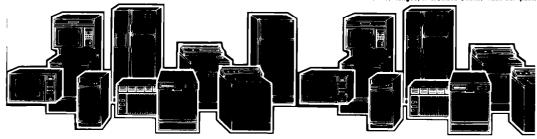


n an the first of the second statement was the second second statement of the second statement of the second second



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



Contents

Contents	Page
Parts and Features	2
Before You Use Your Microwave Oven	4
Precautions to Avoid Possible Exposure to Excessive	
Microwave Energy.	
Important Safety Instructions	
Using Your Microwave Oven	7
Microwave Oven Controls	
Audible Signals	8
Setting the Clock	
Using the Minute Timer	10
Cooking in Your Microwave Oven	11
Cooking at High Cook Power	
Cooking at Lower Cook Powers	
Auto Set TIME	
Auto Set TEMP	16
Cooking in More Than One Cycle	18
Defrosting	22
Cooking Automatically After Defrosting	23
Cooking with the Temperature Probe	26
	29
Using KEEP WARM	32
Other Operating Hints	33
Bi-Level Cooking Rack	33
Caring for Your Microwave Oven	34
Cleaning the Microwave Oven	34
Replacing the Light Bulb	34
How Your Microwave Oven Works	
Operating Safety Precautions.	36
If You Need Service or Assistance	
Microwave Oven Warranty	40

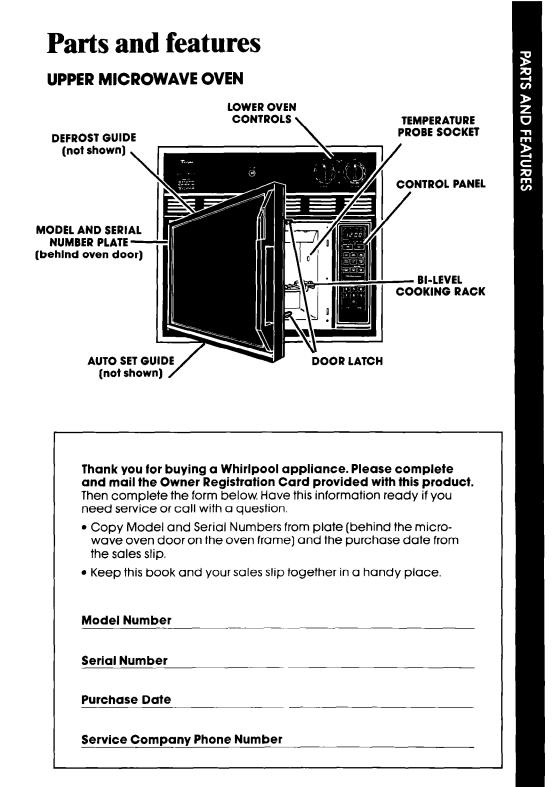
©1988 Whirlpool Corporation

Fill out and return the "Microwave Registration Card" included with your microwave oven. 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 M-63 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 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 the 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 weather. The microwave oven should be at a temperature above 50°F (10°C) for proper operation.
- 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.

See your Lower Oven "Use & Care Guide" for additional safety and operating instructions.

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.

IMPORTANT SAFETY INSTRUCTIONS

For Use of Microwave Upper Oven

Microwave ovens have been 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 EN-ERGY" found on page 4.

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 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 in the appliance, because fire may result.

10. Do not use outdoors because damage to the oven or electric shock may result.

11. Clean inner door surface often. See "Cleaning the microwave oven," page 34.

continued on next page

12. 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. <u>Test dinnerware or cookware before using</u>. See page 37. 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, foil lining, 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.

13. Read and follow "OPERAT-ING SAFETY PRECAUTIONS" starting on page 36.

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, a tone will sound and the Display will show 88:88. If after you set the Clock (page 9), 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 dis-

plays time settings, indicator lights and shows what number pads you touched.

Command pads



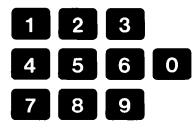
Touch Command Pads to tell the microwave oven what to do and in what order. A few examples:

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

See page 8 for information on the tone you hear when touching any pad.

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

While the oven is running, an Indicator Light (or lights) will be on to show what the oven is doing. **continued on next page** 7



Number pads

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

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

Audible signals

Audible signals are available to guide you when setting and using your oven. (A programming tone will sound each time you touch a pad. Two beeps will sound between cycles. A reminder tone will sound every 30 seconds after cooking is done to remind you that something has been left in the oven. A 3 second tone signals the end of the Minute Timer function.) If you don't hear a tone, it is because of incorrectly entered instructions or because the tones have been removed. For example, a tone will not sound if you touch a Number Pad before you touch a Command Pad.

To remove the programming tone and reminder tone:

- Open the door.
- Touch CANCEL **twice**, then touch START.
- Programming and reminder tones will be cancelled.

To replace the tones:

Repeat the steps above.

To remove all tones, except the Minute Timer signal:

- Open the door.
- Touch CANCEL **twice**, touch 0, then touch START.
- All audible tones (except Minute Timer signal) will be cancelled.

To replace the tones:

Repeat the steps above.

NOTE: If your electricity goes off, the audible signals will come back on. Repeat steps above if you want to remove them again.

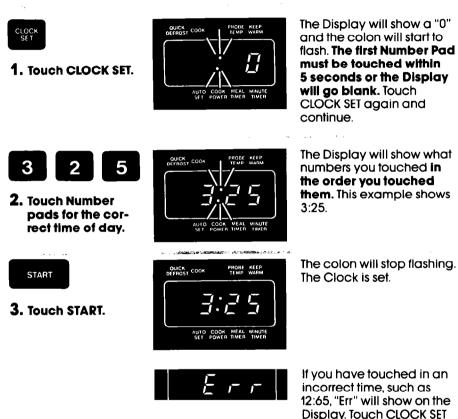
Setting the clock

When the oven is first plugged in, a tone sounds and the display shows **88:88**. If the electric power ever goes off, the 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...

THIS HAPPENS...



NOTE: To <u>reset</u> the clock, touch CLOCK SET. The current time will show on the Display and the colon will flash. Set the clock as shown above.

and start over.

USING YOUR MICROWAVE OVEN

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.



THIS HAPPENS...



1. Touch MINUTE TIMER.



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.



3. Touch START.



AUTO COOK MEAL MIN

DEFRONT COUN

FROM REEP

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

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 3 second signal 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.

The Minute Timer can be set to time other activities while the oven is operating in any other cycle. The Display will countdown the time of the cycle in operation. The Minute Timer will continue to countdown, but will not show on the Display. When the time is up, a 3 second signal will sound.

USING YOUR MICROWAVE OVEN

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 your microwave oven

Be sure to read the **MICRO MENUS® Cookbook** packed with the microwave oven. It contains information about:

- What microwave energy is.
- How food is cooked by microwave energy.
- What affects cooking speed and cooking evenness.
- Safety tips.
- Utensils to use when cooking in a microwave oven.
- Cooking times for different foods.

Important things to remember to get the best cooking results.

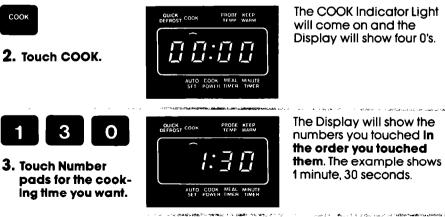
- ALWAYS cook food for the minimum recommended cooking time. If necessary, add time in one or two minute periods, then check for doneness to avoid overcooking the food.
- Stir, turn or rearrange the food being cooked about halfway through the cooking time for most even doneness with all recipes.
- If a glass cover is not available, use waxpaper, paper towels or a microwave approved plastic wrap. Turn back corner to vent steam during cooking.
- When using microwave recipes from cookbooks or sources other than the **MICRO MENUS® Cookbook**, slightly longer cooking times will be needed. For example, add 1 to 2 minutes to a 5 minute cooking time.

Cooking at high cook power

Follow these steps to cook at high power.

DO THIS... THIS HAPPENS...

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



11

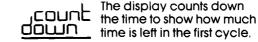
START

4. Touch START.



The oven will automatically cook at high Cook Power.

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





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 CAN-CEL.) "End" will remain on the Display and a reminder tone will sound every 30 seconds until the 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.
- 2. Touch Numbers for the new time.
- 3. Touch START.

The oven will continue cooking for the new time.

Cooking at lower cook powers

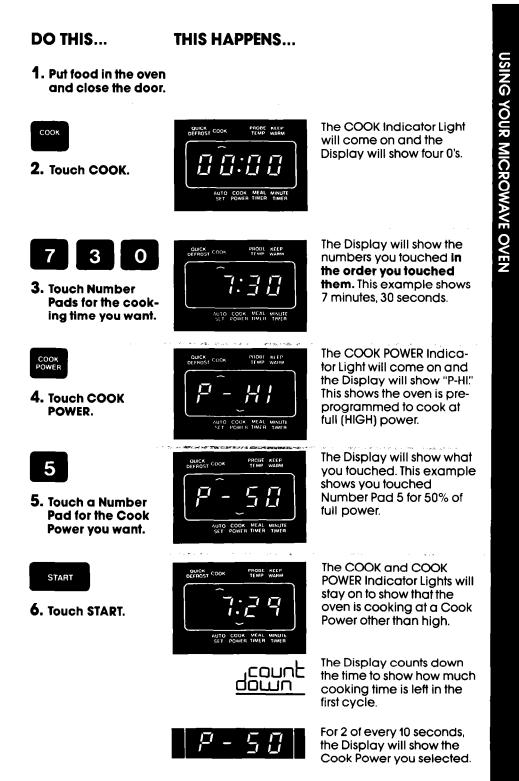
For best results, some recipes call for lower Cook Powers. The lower the Cook Power, the slower the cooking. Each Number Pad also stands for a different percentage of Cook Power. Many recipes in your MICRO MENUS® Cookbook tell you, by number, which Cook Power to use. Recipes in other books and magazines 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.

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)





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 CAN-CEL.) "End" will remain on the Display and a reminder tone will sound every 30 seconds until the door is opened or CANCEL is touched. The Display will then show the time of day.

.

art cardination - 1

Changing cook power

The **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.

Using AUTO SET

Auto Set TIME and TEMP are preset cooking cycles which store commonly used cooking times and probe temperature settings.

Auto Set TIME

Auto Set TIME provides ten preset times. One to nine minutes at HIGH cook power can be set by touching TIME and the corresponding number pad 1-9. This provides a short-cut method for setting commonly used cooking times.

The AUTO SET chart included with your microwave oven and the AUTO SET guide on the inner door panel help you use Auto Set TIME to cook various food items without having to look up the cooking times.

A preset time of 2 minutes, 30 seconds at HIGH cook power is available by touching just the Auto Set TIME pad. The time may be changed to any time from 0-99 minutes, 0-99 seconds allowing you to store your favorite cooking time and Cook Power.

DO THIS... THIS HAPPENS...

QUICK COOK

QUICK DEFROST COOK

QUICK DEFROST COOK

QUICK DEFROST COOK

QUICK DEFROST COOK PROBE KEEP

PROBE KEEP

PROBE KEEP

PROBE KEEP TEMP WARM

PRODE REEP

AUTO COOK MEAL

AUTO COOK MEAL MINUT

AUTO COOK MEAL MIN

AUTO COOK MEAL MIN

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

TIME

2. Touch TIME (NOTE: If you want to use the preset cooking time and Cook Power, skip to step 6.)

to st

3. Touch a Number Pad for the new cooking time you want from 1 to 9 minutes.

COOK POWER

5

START

6. Touch START.

4. Touch COOK POWER. (Option: Skip to step 6 if you want to cook at high power.)

5. Touch a Number

Pad for the Cook

Power you want.



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

The AUTO SET Indicator

utes. 30 seconds (or the

favorite cycle).

time you have set as your

The Display will show what

you touched in even minutes. This example

shows 4 minutes.

Light will come on and the Display will show 2 min-

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

The AUTO SET Indicator Light will stay on while the oven is cooking in the Preprogrammed cycle. If you selected a Cook Power other than high, the Cook Power Indicator Light will also come on. This shows you the oven is cooking at a selected Cook Power.



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

continued on next page 15

USING YOUR MICROWAVE OVEN



BEEP BEEP BEEP BEEP

Power other than high. When the Auto Set 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 CAN-CEL.) "End" will remain on the Display and a reminder tone will sound every 30 seconds until the door is opened or CANCEL is touched. The Display will then show the time of day.

in whereas as we wanted

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

NOTE: You can set COOK and/or PROBE TEMP to follow Auto Set TIME. (See pages 18-21 for instructions.)

Changing the pre-programmed setting

You can change the pre-programmed cooking time and Cook Power in AUTO SET TIME to the time and power you most often use. To change the AUTO SET TIME setting, follow these steps.

- 1. Open the door.
- 2. Touch TIME twice.
- 3. Touch the Number Pads for the new desired cooking time. If high Cook Power is desired, skip to Step 6.
- 4. Touch COOK POWER.
- 5. Touch the Number Pad for the desired Cook Power.
- 6. Touch START. Touch CANCEL. The oven will remember that cooking time and Cook Power for future use. NOTE: If the electric power ever goes off, the oven will go back to the pre-programmed 2 minutes, 30 seconds at high Cook Power.

Auto Set TEMP

Auto Set TEMP provides ten preset probe temperature settings. One hundred ten (110) to one hundred ninety (190) degrees at 70% cook power can be set by touching TEMP and the corresponding number pad 1-9. This provides a short-cut method for setting commonly used probe temperatures. The AUTO SET chart included with your microwave oven and the AUTO SET guide on the inner door panel help you use Auto Set TEMP to cook various food items without having to look up the temperature.

A preset temperature of 165°F at HIGH cook power is available after inserting the probe, by touching just the TEMP pad. This temperature may be changed to any temperature from 90°F to 200°F allowing you to store your favorite cooking temperature and cook power. See page 21 for instructions.

DO THIS.... THIS HAPPENS...

1. Put food in the oven, plug in the temperature probe and close the door.

QUICK COOK

OUICK DEFROST COOK

QUICK DEFROST COOK

15

темр

2. Touch TEMP (NOTE: If you want to use the preset temperature and Cook Power, skip to step 6.)

4

3. Touch a Number Pad for the new temperature you want from 110°F to 190°E

COOK POWER

4. Touch COOK **POWER (NOTE: If** you want to cook at 70% power, skip to step 6.)

5

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

START

6. Touch START.





AUTO COOK MEAL MINUTE

PROBE KEEP TEMP WARM

5 F

PROBE KEEP

PROBE REEP TEMP WARM

AUTO COOK MEAL MINUTE

AUTO COOK MEAL MINUTE





continued on next page

The AUTO SET Indicator Light will come on and the Display will show 165°F (or the temperature you have programmed as your favorife cycle). NOTE: HIGH Cook Power is pre-set on this setting only.

The Display will show what you touched in degrees Fahrenheit. This example shows you touched Number Pad 4 for a final cooked temperature of 140°F NOTE: Cook Power of 70% is preset on TEMP settings 1-9.

The COOK POWER Indicator Light will come on and the Display will show "P-70." This shows the oven is preprogrammed to cook at 70% of full power (MED-HIGH).

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

The AUTO SET and PROBE **TEMP Indicator Lights will** stay on. The Display will show "COOL" 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. 17

USING YOUR MICROWAVE OVEN



BEEP BEEP BEEP BEEP

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 and a reminder tone will sound every 30 seconds until the door is opened or CANCEL is touched. The Display will then show the time of day.

NOTE: You can set Auto Set TEMP to follow COOK. See pages 18-21 for instructions. Auto Set TEMP can be programmed with the temperature probe out, but the oven will pause between the last Cook cycle and TEMP. "PROB" will show on the Display to remind you to plug in the probe.

Changing the pre-programmed setting

You can change the pre-programmed temperature and Cook Power in Auto Set TEMP to the temperature and power you most often use. To change the Auto Set TEMP setting, follow these steps:

- 1. Open the door.
- 2. Touch TEMP twice.
- 3. Touch the Number Pads for the new desired temperature between 90°F and 200°F.
- 4. Touch COOK POWER.
- 5. Touch the Number Pad for the desired Cook Power.
- 6. Touch START. Touch CANCEL. The oven will remember that temperature and Cook Power for future use. **NOTE: If the electric power goes off, the oven** will go back to the pre-programmed 165°F at high Cook Power setting.

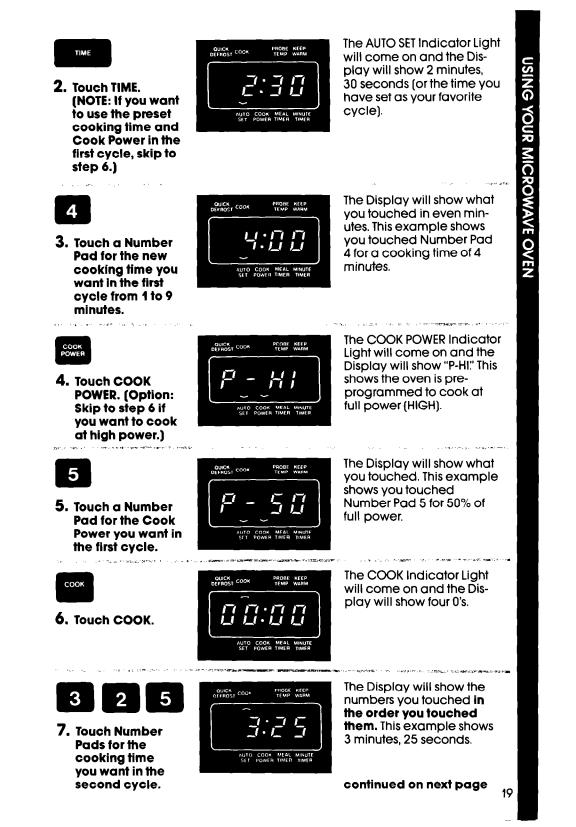
Cooking in more than one cycle

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... THIS HAPPENS...

1.

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



COOK POWER

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

6

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



10. Touch START.



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

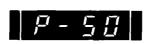


The Display will show what you touched. This example shows you touched Number Pad 6 for 60% of full power.

When you touch START, the AUTO SET Indicator Light will be on while the oven is cooking in the first cycle. If you selected a Cook Power other than high, the Cook Power Indicator Light will also come on. This shows you the oven is cooking at a selected Cook Power.



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



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.

BEEP BEEP

You will hear 2 beeps at the end of AUTO SET. 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 Indicator Light will stay on while the oven is cooking in the second 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 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.



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 CAN-CEL.) "End" will remain on the Display and a reminder tone will sound every 30 seconds until the door is opened or CANCEL is touched. The Display will then show the time of day.

Hints for cooking with more than one cycle.

You can program the cooking cycles in any order. However, when the microwave oven is started, it will automatically go through the cycles in order – AUTO SET TIME – COOK (or QUICK DEFROST – STANDING TIME – COOK or COOK – AUTO SET TEMP or PROBE TEMP).

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.
- 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.

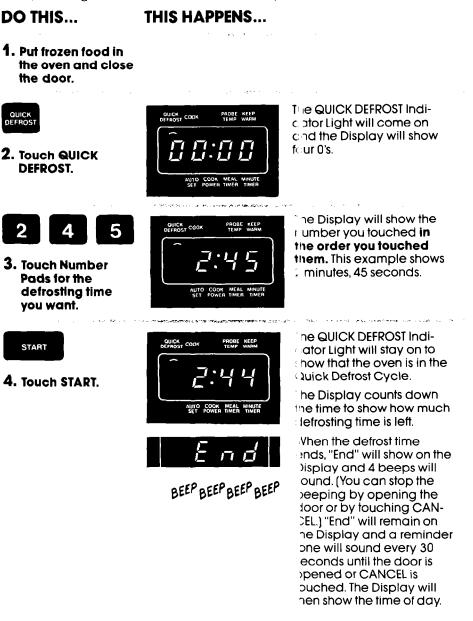
Additional information:

- Temperature may be changed after START is touched by touching TEMP, the new number and START.
- Cook Power may be changed after START is touched. Follow instructions on page 14.
- Auto Set TEMP will follow the last COOK cycle if programmed.
- "Prob" will show on the Display after START is touched if the probe is not plugged into the oven. This will **only** appear when Auto Set TEMP has been selected alone, or between the last COOK cycle and Auto Set TEMP selection.
- "Err" will show on the Display after START is touched if an incorrect temperature has been selected (under 90°F or over 200°F).
- See "Hints for using the temperature probe" on pages 27-29.

21

Defrosting

Use QUICK DEFROST to thaw frozen food before cooking. For suggested defrost times, see the guide behind the oven door or in your 'MICRO MENUS® cookbook.



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 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 automatically after defrosting

The controls can be set so the microwave oven goes automatically from defrosting to the Cook Cycle you have touched in.

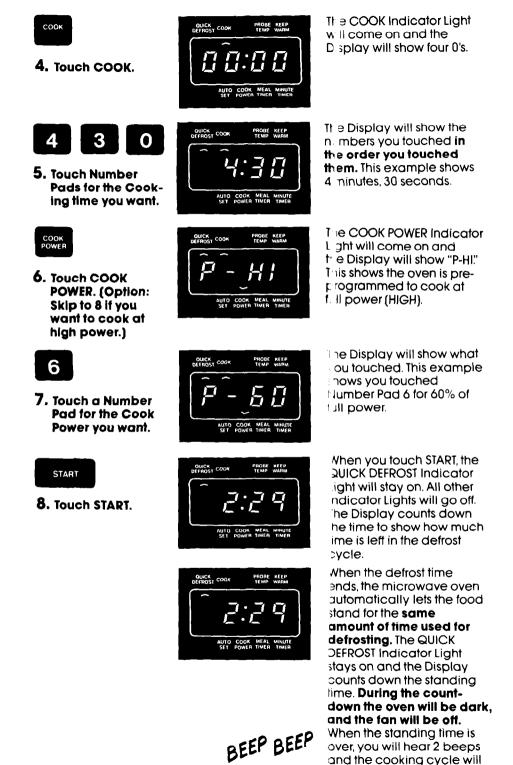
DO THIS... THIS HAPPENS...

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



USING YOUR MICROWAVE OVEN

continued on next page



start.



כסטחב

domu

End

BEEP BEEP BEEP BEEP

The COOK Indicator Light will be on during the cooking 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 the Cook cycle 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 and a reminder tone will sound every 30 seconds until the door is opened or CANCEL is touched. The Display will then show the time of day.

Standing time after defrosting

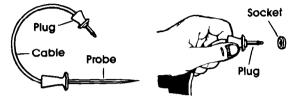
For best results, allow the food to stand for a while after defrosting. This helps equalize the temperature of the food to provide more even defrosting.

When COOK or AUTO SET TIME follows QUICK DEFROST, the oven automatically provides a standing time equal to the time touched in for QUICK DEFROST. The second cycle will begin after the automatic standing time.

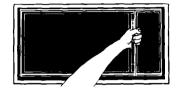
Cooking with the TEMPERATURE PROBE

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 of food.

DO THIS...



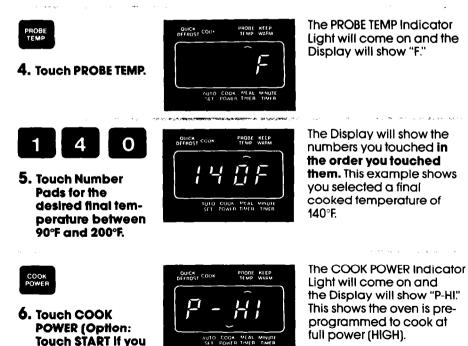
- 1. Insert at least 1/3 of the temperature probe into the food. (See page 28.)
- 2. Place food in the oven and plug the probe into the socket on the oven wall.



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

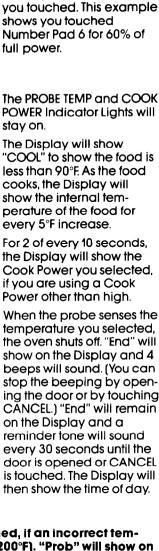
DO THIS...

THIS HAPPENS...



want to use high

power.)



"COOL" to show the food is less than 90°F As the food cooks, the Display will show the internal temperature of the food for

> 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.

The Display will show what

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 reminder tone will sound every 30 seconds until the door is opened or CANCEL is touched. The Display will then show the time of day.

NOTE: "Err" will be displayed after START is touched, if an incorrect temperature has been selected (under 90°F or over 200°F). "Prob" will show on the Display after START is touched if the probe is not plugged in the oven.

Hints for using the temperature probe DO...

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

continued on next page





6

7. Touch the Number

Pad for the Cook

Power vou want.

8. Touch START.



пď

BEEP BEEP BEEP BEEP

27

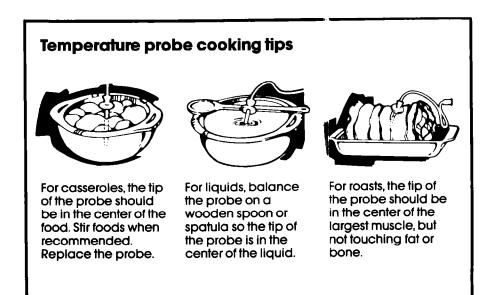
Hints for using the temperature probe (continued) DON'T...

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

NOTE: Some foods are started using a timed (COOE) cycle and finished by using a temperature (PROBE TEMP) cycle. You conset PROBE TEMP to follow COOK, to avoid the need to reset the oven halfway through cooking. PROBE TEMP can be programmed with the temperature probe out. The oven will then pause between COOK and PROBE TEMP. "PROB" will show on the Display to remind you to plug in the probe. Touch START to continue cooking.

Changing the temperature setting

- When using the Temperature Probe, PROBE TEMP set: ngs can be changed before or during operation:
 - Touch PROBE TEMP.
 - Touch number 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.



- 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 auide 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 a plastic scouring pad to remove stubborn foods.
- 3. Probe may be placed in the silverware basket of the dishwasher.

Using START TIME to delay start of microwave cooking

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

THIS HAPPENS... DO THIS...

- 1. Make sure Clock is set to the correct time of day. See page 9 if any change is needed.
- 2. Put food in the oven and close the door. (See CAUTION on page 31.)

Pads for the cook-

ing time you want.

NOTE: Many cycles can be set when using START TIME. (See "Additional information" on page 31.) Instructions for a single cycle are as shown.

The COOK Indicator Light PROBE KEEP COOK QUICK COOK will come on and the Display will show four 0's. 3. Touch COOK. The Display will show the QUICK DEFROST COOK PROBE KEEP TEMP WARM 0 numbers you touched in the order you touched 5:30 them. This example shows 4. Touch Number 6 minutes, 30 seconds.

AUTO COOK MEAL MINUTE SET POWER TIMER TIMER

COOK POWER

5. Touch COOK POWER. (Option: Skip to Step 7 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 preprogrammed to cook at full power (HIGH).

7

6. Touch a Number pad for the Cook Power you want.



DEFROST COOK

DEFROST COOK

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



7. Touch START TIME.



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



9. Touch START.



PROBE KEEP TEMP WARM The COOK Indicator Light will stay on. The MEALTIMER Indicator Light will come on and "0" will show on the Display.

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

The MEALTIMER Indicator Light will stay on. All other indicator lights will go off. The Display will go back to showing the time of day.



12:08

AUTO COOK MEAL MINUTE SET POWER TIMER TIMER

> When the time of day reaches the time you have set for the oven to start cooking, the oven will beep twice and the MEAL-TIMER Indicator Light will go off. The COOK and COOK POWER Indicator Lights will come on. The Display will show the cooking time and the oven will start cooking.



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



BEEP BEEP BEEP BEEP

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 CAN-CEL.) "End" will remain on the Display and a reminder tone will sound every 30 seconds until the 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 feature has not been set correctly. Open and close the door, reprogram the cooking sequence and START TIME, then touch START.

Additional information

- Additional cycles can be set when using START TIME to start cooking at a later time. Follow instructions under the proper heading (Using AUTO SET, Cooking with the Temperature Probe, Defrosting, Using KEEP WARM) before you program START TIME.
- You can **change time**, or **add cycles** at any time during the Start Time cycle.
 - 1. Touch the cycle you wish to change or add.
 - 2. Touch Number Pads for new time.
 - 3. Touch COOK POWER, if desired.
 - 4. Touch number of new Cook Power, or touch COOK POWER again if High is desired.
- 5. Touch START. The oven will cook at the new time and Cook Power.
- Opening the door does not stop the START TIME operation.

CAUTION: Use foods that will not go bad or spoil while waiting for cooking to start. Avoid using 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 AT ROOM TEMPERATURE MORE THAN TWO HOURS BEFORE COOKING STARTS.

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... THIS HAPPENS...

1. Put cooked, hot food in oven and close door.

WARM 2. Touch KEEP WARM.	OUCK COOK PRODE REEP TEMP WARM	The KEEP WARM Indicator Light will come on. The Display will show the time of day.
START 3. Touch START.	QUICK COOK PROBE KEP DEFROST COOK IEMP WARM	The KEEP WARM Indicator Light will stay on. The Oven light and the fan will come on. The Display will con- tinue 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.

OR...

- 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 AUTO SET, QUICK DEFROST, COOK or PROBE TEMP.

Other operating hints

1. To double check settings while the oven is running:

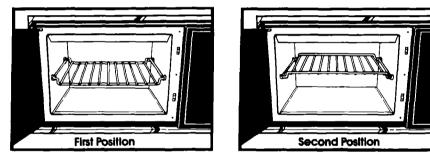
• Touch the Command Pad for the setting you want to check. The instruction programmed for that pad will show on the display for 5 seconds. Then the display returns to showing what the oven is doing.

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.
- 3. If you touch two instructions into the same cycle, the second set of instructions will cancel the first.

Bi-level cooking rack

Use the metal Bi-Level Cooking Rack when cooking in more than one container. The metal 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 for examples of menus that can be cooked using the Bi-Level Cooking Rack.



Note: Do not store the metal rack in the oven. Arcing and damage to the oven can result if someone accidentally starts the oven.

Inserting the rack

- Insert the rack securely into the rack supports on the side walls of the oven. (First position)
- Turn rack upside-down when using a taller container on the bottom of the oven. (Second position)
- **Do not** operate the oven with the metal rack stored on the floor of the oven. Damage to the interior finish will result.

Cleaning the rack

- Wash by hand with a mild detergent and a soft or nylon scrub brush. Dry completely.
- **Do not** use abrasive scrubbers or cleansers.

Special cautions

- Do use hot pads when removing rack from oven after cooking. It may be hot.
- **Do** put food in containers, then place containers on rack.
- Do use only when cooking foods in more than one container.
- Do use only in the microwave oven.
- Do not use with browning dish.
- Do not let food container touch the top or side of the oven.
- Do not store rack in oven.
- **Do not** cook foods directly on rack without putting them in containers first.



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.

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

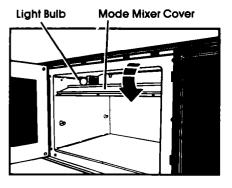
Replacing the light bulb

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

The microwave oven light comes on whenever the door is opened or the oven is operating. If it should burn out, replace as follows:

To replace:

- 1. WARNING: To avoid possible electrical shock hazard, 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 cover.
- **4.** Pull down the front portion of the cover. (It is creased across its width to form a hinge.)
- 5. Remove and replace the 25watt T8 bayonet base bulb.
- 6. Close the cover and replace the screws.
- 7. Plug in, or turn on the main power supply.



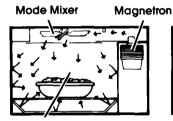
WARNING: After replacing oven lamps, do not attempt to operate oven without lamp cover installed. Replace lamp with 25-watt T8 bayonet base bulb only.

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.

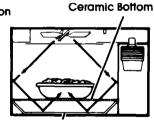


Microwaves are like TV waves or light waves. You can't see them, but you can see what they do.



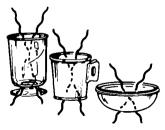
Oven Cavity

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.



Metal Floor

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.



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.

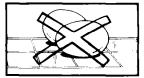


Microwaves may not reach the center of a roast. The heat around the outside is what cooks the roast all the way through. This is one of the reasons for letting some foods (roasts, baked potatoes) stand for a while after cooking, or for stirring some foods during the cooking time. The microwaves disturb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

CARING FOR YOUR MICROWAVE OVEN • HOW YOUR MICROWAVE OVEN WORKS

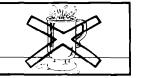
Operating safety precautions

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.



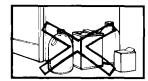
Liquids heated in certain containers (especially cylindrical-shaped containers) may become overheated. The liquid may splash out with a loud noise during or after heating or when adding ingredients (coffee, etc.) resulting in harm to the oven and possible personal injury. For best results stir any liquid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



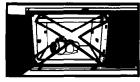
USE HOT PADS. Microwave energy does not heat containers, but the hot food does.



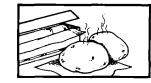
DO NOT heat, store or use flammable, inflammable or corrosive materials in or near the oven.

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

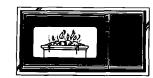


DO NOT use the oven for storage. Do not leave paper products, books or cooking utensils in the oven when not in use. Fire may result if someone accidentally starts the oven. Don't let anything touch the top of the oven.



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:

OPERATING SAFETY PRECAUTIONS

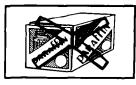
- keep door closed
- turn oven off

• disconnect the power supply at the cord, fuse box or circuit breaker.

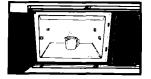


DO NOT pop popcorn, except in a microwaveapproved popcorn popper or commercial package designed especially for microwave ovens. Results are the manufacturers responsibility.

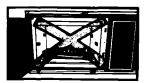
NEVER try to pop corn in a paper bag. Overcooking may result in smoke and fire.



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



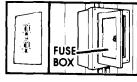
Starting a microwave oven when it's empty is not recommended. If you experiment, put a container of water in the oven.



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



If your electric power line or outlet voltage is less than the normal 240 volts (120 volts for gas models), 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.

37

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 "Installation Instructions.")
- Have you checked your home's main fuse or circuit breaker box?
- Have you checked the electric company for a power failure?

If the microwave oven will not run:

- Is the oven being used as a timer?
- 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 the microwave cooking times seem too long:

- Is the electric supply to your home or wall outlets low or lower than normal? Your electric company can tell you if the line voltage is low. Your electrician or service technician can tell you if the outlet voltage is low.
- Is the Cook Power at the recommended setting?
- 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 or AUTO SET TIME?

- If you do not hear a Programming Tone (page 8):
- is the command correct?
- Has the tone been cancelled?

If the fan seems to be running slower than usual:

• Has the oven been stored in a cold area? The fan will run slower until the oven warms up to normal room temperature.

If there has been a power interruption, the Display will show 88:88. Reset the clock (page 9).

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

- Is at least 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?
- Is the probe plugged tightly into its socket?
- Is 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 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.

38 (See page 25.)

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 afterwarranty 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:

PPLIANCES - HOU MAJOR - SERVICE		ELECTRICAL APPLI MAJOR - REPAIRI	
HIRLPOOL APPLIANC FRANCHISED TECH-C	ES	WHIRLPOOL APPLIANC FRANCHISED TECH-C	
	E COMPANIES		E COMPANIES
2 SERVICE CO 123 MAPLE	999-9999	XYZ SERVICE CO 123 MAPLE	999-9999
	0	R	
,	ASHING MACHIN & IRONERS	IES, DAYERS ~SERVICING	
	WHIRLPOOL APPLIA FRANCHISED TE	NCES CH-CARE SERVICE	
)	SERVI YZ SERVICE CO	ICE COMPANIES	
	123 MAPLE	999-9999	

.

x

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

* 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.

IF YOU NEED SERVICE OR ASSISTANCE

WHIRLPOOL® MICROWAVE OVEN/ RANGE PRODUCT WARRANTY

	MEOO
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

- A. Service calls to:
 - 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.
- B. Repairs when range product is used in other than normal, single-family household use.
- C. Pick up and delivery. This product is designed to be repaired in the home.
- **D.** Damage to range product caused by accident, misuse, fire, flood, acts of God or use of products not approved by Whirlpool.
- E. Any labor costs during the limited warranty.

WHIRLPOOL CORPORATION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUEN-TIAL 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.



Printed in U.S.A.

se Makers, Dishwashers, Built-In Ovens and Surface Units. Ranges, Microwave Ovens, Trash Compactors, Room Air Conditioners, Dehumidifiers, Automatic Wa

