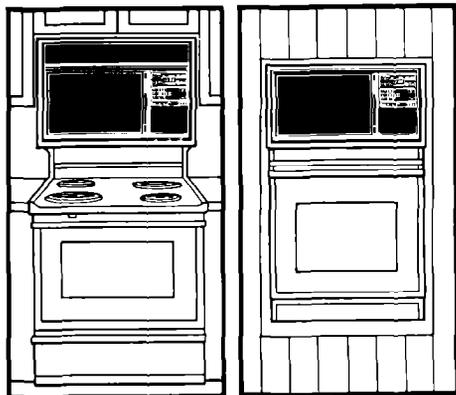
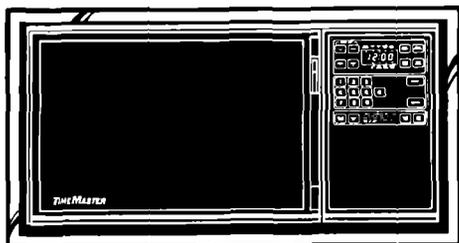


use & care guide



UPPER MICROWAVE OVEN

Eye-Level Models

RM978BXS
RM973BXS
SM988PES
SM958PES

Built-In Model

RM278BXS

Microwave Ovens, Trash Compactors, Room Air Conditioners, Dehumidifiers, Automatic Washers, Clothes Dryers, Freezers, Refrigerator-F



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©1987 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...

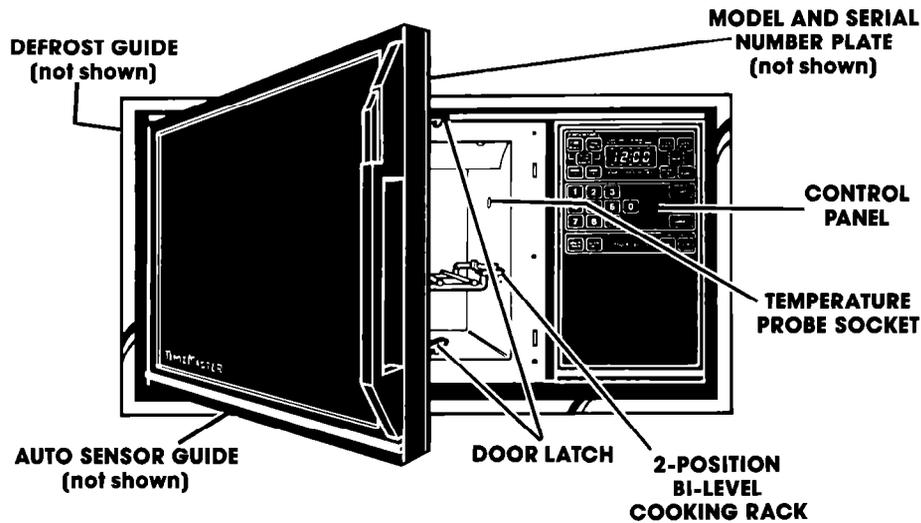
Whirlpool Corporation
Microwave Registration Department
Administrative Center
2000 M-63
Benton Harbor, Michigan 49022

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.

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 just behind the microwave oven door on the oven frame).
- 2.** Purchase date from sales slip.

Copy this information in these spaces. Keep this book, other oven literature and your sales slip together in a handy place. **Please complete and mail the Owner Registration Card furnished with this product.**

Model Number _____

Serial Number _____

Purchase Date _____

Service Company Phone Number _____

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 model 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.

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



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

1. Read all instructions before using appliance.
2. Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found on page 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 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 in 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 37.

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. Test dinnerware or cookware before using. See page 40. 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 "OPERATING SAFETY PRECAUTIONS" starting on page 39.

SAVE THESE INSTRUCTIONS

Using your microwave oven

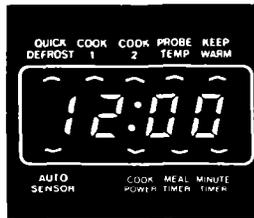
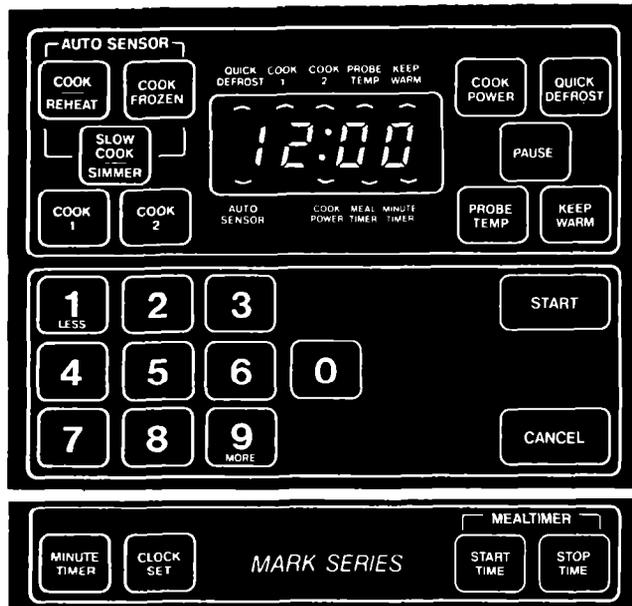
Microwave oven controls

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 displays time settings, 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.

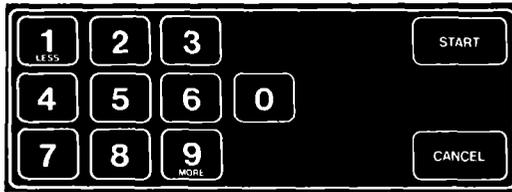


Command pads

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

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

Each Command Pad (except START, CANCEL and CLOCK SET) 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 you want to do, you'll touch Number Pads to tell it...

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

Programming tone

Each time you touch a pad you will hear a tone. If you don't hear a tone, it is because the instruction is not correct, or 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 programming tone:

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

If you want to replace the programming tone:

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

If you want to remove all tones, except the minute timer signal:

- Open the door.
- Touch CANCEL **twice**, touch 0, then touch START.
- All audible tones will be cancelled.
- **To replace the tones**, repeat the above steps.

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.

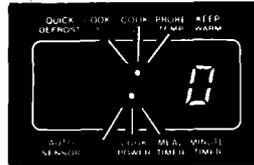
You can cook or use the Minute Timer without setting the clock, but the display will be blank after cooking.

DO THIS...

THIS HAPPENS...



1. Touch **CLOCK SET**.



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.

NOTE: To reset the clock, touch **CLOCK SET**. The current time will show on the Display and the colon will flash. Continue to set the clock as shown above.

Using the minute timer

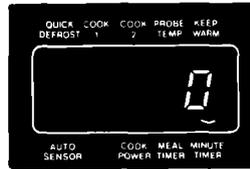
The Minute Timer does not start or stop cooking. It can be used alone or while the oven is operating. It works like a kitchen timer.

DO THIS...

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.



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 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.

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 wax paper, paper towels or microwave approved plastic wrap. Turn back a corner to vent steam during cooking.

Using “AUTO SENSOR”

The AUTO SENSOR control allows you to cook food in the oven without computing time or power level. All foods give off moisture, aroma and other vapors as they cook. When the oven senses the right amount of vapor from the food, it will automatically determine the remaining time and power needed to finish cooking the food. You only need to touch COOK/REHEAT or COOK FROZEN and a number pad (for a food setting), then START. If you like your food less done than average you may decrease the cooking time by touching the “LESS” (Number 1) Pad after selecting the category (before touching START). If you like your food more done than average, touch the “MORE” (Number 9) Pad after selecting the category (before touching START) to extend the time. You may add ingredients, stir, turn or rotate during the **timed** portion of the Auto Sensor cycles. However, “Err” will show on the Display if the door is opened during the first (automatic) part of either cycle. If this happens, open the door and touch CANCEL. To finish cooking, estimate the remaining time and reset the oven using Cook 1 cycle. **Do not reset the Auto Sensor.** See the AUTO SENSOR chart included with your oven and the AUTO SENSOR guide on the inner door panel for examples of food to cook at each setting.

COOK/REHEAT

Use COOK/REHEAT to automatically cook **fresh** food items or **reheat** previously cooked foods. There are 9 cooking categories in COOK/REHEAT.

continued on next page.

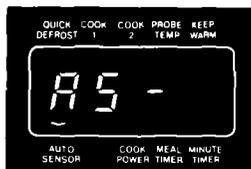
DO THIS...

THIS HAPPENS...

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



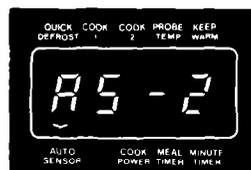
2. Touch COOK/REHEAT.



The AUTO SENSOR Indicator Light will come on and the Display will show "AS-"



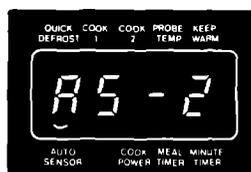
3. Touch a Number Pad (1-9) for the cooking category you want. (See guide on inner door panel and separate AUTO SENSOR chart.)



The Display will show the AUTO SENSOR setting you touched. This example shows you selected category 2.



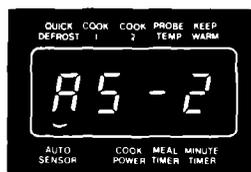
4. Touch LESS (1) or MORE (9) if desired. (Skip to step 5 if you do not wish to shorten or lengthen cooking time.)



The display will not change.



5. Touch START.



The oven automatically cooks at a preset Cook Power for that setting. The AUTO SENSOR Indicator Light will stay on to show that the oven is cooking the food. **Do not open the oven door during this part of the cycle.**



When you hear 2 beeps, the Display will show and count down the remaining cooking time (except at setting Number 1). The oven door can now be opened, if needed to stir, turn or rearrange food.



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 and a beep will sound every 30 seconds (to remind you that food is left in the oven) until the door is opened or CANCEL is touched. The Display will then show the time of day.

COOK FROZEN

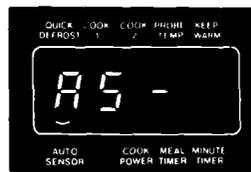
Use COOK FROZEN to automatically cook **frozen** food items. There are five cooking categories in COOK FROZEN.

DO THIS... THIS HAPPENS...

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



2. Touch COOK FROZEN.



The AUTO SENSOR Indicator Light will come on and the Display will show "AS-"



3. Touch a Number Pad (1-5) for the frozen food cooking category you want. (See guide on inner door panel and separate AUTO SENSOR chart.)



The Display will show the AUTO SENSOR category you touched. This example shows you selected setting 3.



4. Touch LESS (1) or MORE (9) if desired. (Skip to step 5 if you do not wish to shorten or lengthen cooking time.)



The display will not change.

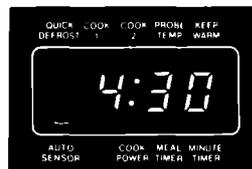
continued on next page.

START

5. Touch START.



The oven automatically thaws and cooks at a preset Cook Power for that setting. "AS-3" will show on the Display and the AUTO SENSOR Indicator Light will stay on to show that the oven is cooking the food. **Do not open the oven door during this part of the cycle.**



When you hear 2 beeps, the Display will show and count down the remaining cooking time (except at setting Number 1). The oven door can now be opened, if needed to stir, turn or rearrange food.



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 and a beep will sound every 30 seconds (to remind you that food is left in the oven) until door is opened or CANCEL is touched. The Display will then show the time of day.

SLOW COOK/SIMMER

Use SLOW COOK/SIMMER as you would a slow cooker to enhance flavor and tenderize less expensive cuts of meat. If you find that food needs a longer cooking time than the setting allows, you may extend the time by touching the MORE (Number 9) Pad after you have touched SLOW COOK/SIMMER (before you touch START). The LESS (Number 1) Pad cannot be used in this cycle. KEEP WARM will automatically follow the cooking time in SLOW COOK/SIMMER. Combined cooking time and KEEP WARM will equal 11 hours, 59 minutes unless cancelled any time after cooking is done.

DO THIS...

THIS HAPPENS...

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

SLOW
COOK
SIMMER

2. Touch SLOW
COOK/SIMMER.

9
MORE

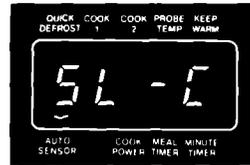
3. Touch MORE (9) if
you wish to extend
the cooking time.

START

4. Touch START.



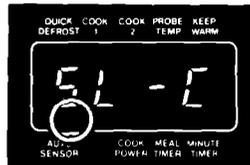
The AUTO SENSOR Indicator Light will come on and the Display will show "SL-C."



The Display will not change.



The oven will automatically cook and simmer at different preset Cook Powers. The AUTO SENSOR Indicator Light will stay on to show that the oven is cooking the food. **Do not open the oven door during this part of the cycle.**



When you hear 2 beeps, the AUTO SENSOR Indicator Light will go off as shown at the left. This tells you the door can be opened to stir or turn food, or add ingredients.



When the food is done, you will hear 4 beeps and the oven will automatically go into KEEP WARM for the remainder of the 11 hours, 59 minutes total time. The KEEP WARM Indicator Light will come on and SL-C will continue to be displayed. Food is ready to serve anytime after KEEP WARM Indicator Light is on.

continued on next page.

When SLOW COOK/SIMMER 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 beep will sound every 30 seconds (to remind you that food is left in the oven) until the door is opened or CANCEL is touched. The Display will then show the time of day.

NOTE: If food is removed from oven during KEEP WARM, touch KEEP WARM then CANCEL to cancel remainder of the time.

AUTO SENSOR operating hints

- All AUTO SENSOR cooking categories have preset Cook Powers.
- The COOK POWER Indicator Light does not come on during AUTO SENSOR Cycles.
- No Cook or Temperature cycles can be used with AUTO SENSOR Cycles.
- Quick Defrost and Keep Warm may be selected with Cook/Reheat or Cook Frozen **only**. Keep Warm is automatic at the end of the Slow Cook/Simmer cycle.
- Pause may be used with Cook/Reheat or Cook Frozen **only**. It will stop the oven between the first and second part of the cycle. See "Using PAUSE," page 30.
- In Cook/Reheat and Cook Frozen "AS-{"#}" will show on the Display until the oven calculates and begins counting down the remaining cooking time, except "AS-1" which stops after the first part of the cooking cycle.
- The AUTO SENSOR Indicator Light goes off at the end of the first part of the Slow Cook/Simmer cycle.
- "Err" will show on the Display if the door is opened during the first part of any AUTO SENSOR cycle. "Err" will also show on the Display if AUTO SENSOR malfunctions. Open the door and touch CANCEL to clear the Display. **Do not reset AUTO SENSOR.** The food may over or under cook. To finish cooking food, estimate the remaining cook time. Reset the oven using the COOK 1 cycle and approximate Cook Power setting.

Cooking at high cook power

DO THIS... THIS HAPPENS...

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



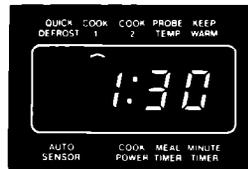
2. Touch COOK 1.



The Cook 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 1 Indicator Light will stay on to show that the oven is cooking.

count
down



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 and a beep will sound every 30 seconds (to remind you that food is left in the oven) until door is opened or CANCEL is touched. The Display will then show the time of day.

BEEP BEEP BEEP BEEP

Changing the cooking time

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

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

Cook 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.).

continued on next page.

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	4 = 40% of full power
9 = 90% of full power	3 = 30% of full power MED-LOW
8 = 80% of full power	2 = 20% of full power
7 = 70% of full power MED-HIGH	1 = 10% of full power LOW
6 = 60% of full power	0 = no power (fan and light will be off)
5 = 50% of full power MED	

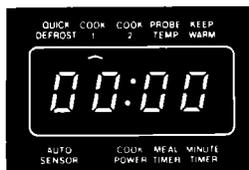
DO THIS...

THIS HAPPENS...

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



2. Touch COOK 1.



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



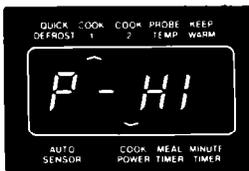
3. Touch Number Pads for the cooking time you want.



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.



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

count
down

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

P - 50

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

End

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 and a beep will sound every 30 seconds (to remind you that food is left in the oven) until door is opened or CANCEL is touched. The Display will then show the time of day.

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.

Cooking in more than one cycle or more cook powers

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. Put food in the oven and close the door.



2. Touch COOK 1.



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

continued on next page.

3 2 5

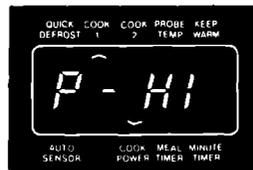
3. Touch Number Pads for the cooking time you want in the first cycle.



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

COOK POWER

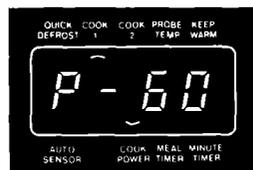
4. Touch COOK POWER. (If you want the high Cook Power, skip to step 6.)



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.

6

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.

COOK 2

6. Touch COOK 2.



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

4 3 0

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.

COOK POWER

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.

4

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

START

10. Touch START.



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



When you touch START, the COOK 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.

count down

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.

BEEP BEEP

You will hear 2 beeps at the end of COOK 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 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.

count down

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

continued on next page.

A digital display showing the text "P - 40" in a white, segmented font on a black background.

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.

A digital display showing the text "End" in a white, segmented font on a black background.

When Cook 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 and a beep will sound every 30 seconds (to remind you that food is left in the oven) until 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 – COOK 1 – COOK 2 – PROBE TEMP – KEEP WARM (or QUICK DEFROST – STANDING TIME – COOK 1 – PAUSE – PROBE TEMP – KEEP WARM).

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 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.

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.

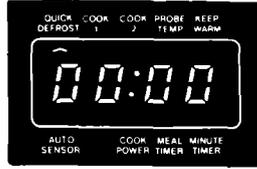
DO THIS...

THIS HAPPENS...

- 1. Put frozen food in the oven and close the door.**

QUICK DEFROST

2. Touch QUICK DEFROST.



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

2 3 0

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



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

START

4. Touch START.



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 and a beep will sound every 30 seconds (to remind you that food is in the oven) until door is opened or CANCEL is touched. The Display will then show the time of day.

BEEP BEEP BEEP BEEP

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 1 follows QUICK DEFROST, the oven automatically provides a standing time equal to the time touched in for the QUICK DEFROST. See "Cooking automatically after defrosting," page 24.

continued on next page.

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 is still 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.

NOTE: PAUSE can be set to automatically stop the oven halfway through QUICK DEFROST to allow you to turn over or rearrange food for more even defrosting. See page 30 for setting directions.

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...

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



2. Touch QUICK DEFROST.

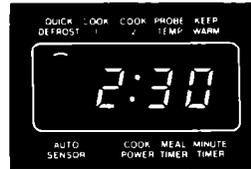
THIS HAPPENS...



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

2 3 0

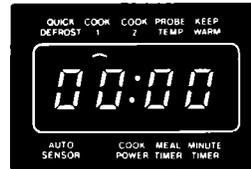
3. Touch Number Pads for the defrosting time you want.



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

COOK 1

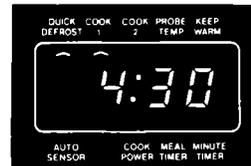
4. Touch COOK 1.



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

4 3 0

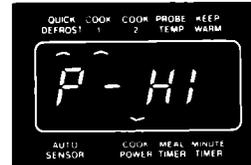
5. Touch Number Pads for the Cooking time you want.



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

COOK POWER

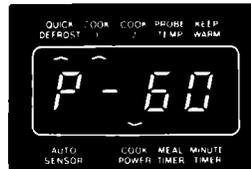
6. Touch COOK POWER. (Options: Skip to 8 if you want to cook at high power.)



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.

6

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



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

START

8. Touch START.



When you touch START, the QUICK DEFROST Indicator Light will stay on. All other Indicator Lights will go off. The Display counts down the time to show how much time is left in the defrost cycle.

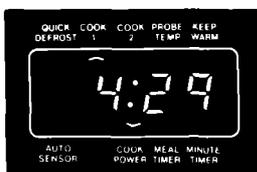
continued on next page.



When the defrost time ends, the microwave oven automatically lets the food stand for the **same amount of time used for defrosting**. The QUICK DE-FROST Indicator Light stays on and the Display counts down the standing time. **During the countdown the oven will be dark, and the fan will be off.**

BEEP BEEP

When the standing time is over, you will hear 2 beeps and the cooking cycle will start.



The COOK 1 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.



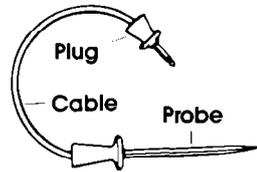
BEEP BEEP BEEP BEEP

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 beep will sound every 30 seconds (to remind you that food is left in the oven) until door is opened or CANCEL is touched. The Display will then show the time of day.

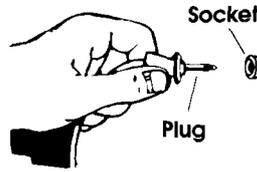
Cooking with the TEMPERATURE PROBE

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 choose between 90°F and 200°F. See your MICRO MENUS® Cookbook for helpful information in cooking different types of food.

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.



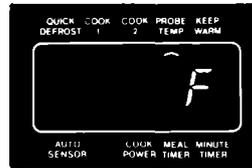
3. Make sure the probe does not touch any part of the oven interior. Close the door.

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 between 90°F and 200°F.



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.



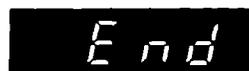
7. Touch the Number Pad for the Cook Power you want.



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

continued on next page.

8. Touch START.



BEEP BEEP BEEP BEEP

The PROBE TEMP and COOK POWER 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.

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 beep will sound every 30 seconds (to remind you that food is left in the oven) until 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 set (less than 90°F or more than 200°F).

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 serving.
- cover roasts with foil and let stand a few minutes after cooking. Remove foil if you decide to cook it longer.

DON'T...

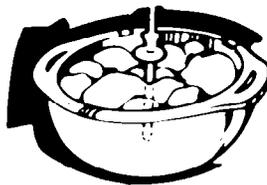
- let probe or probe cable touch any part of the oven interior.
- let probe touch foil (if used). Foil can be kept away from probe with wooden toothpicks. Remove foil if arcing occurs.
- use paper, plastic wrap or plastic containers. They will be in the oven too long and might distort.
- use probe in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

NOTE: Some foods are started using a timed (COOK) cycle and finished by using the temperature (PROBE TEMP) cycle. You can set PROBE TEMP to follow COOK 1 or COOK 2 to avoid the need to reset the oven halfway through the cycle. PROBE TEMP can be programmed with the temperature probe out. The oven will pause between COOK 1 or COOK 2 and PROBE TEMP. "PROB" will show on the Display to remind you to plug in the probe.

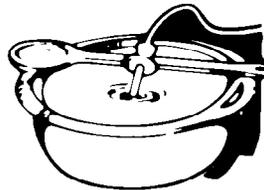
Changing the temperature setting

- When using the Temperature Probe, PROBE TEMP settings 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.

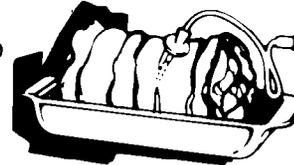
Temperature probe cooking tips



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

Using PAUSE

Your microwave oven can be set to pause halfway through QUICK DEFROST, after the automatic part of AUTO SENSOR between COOK 1 and COOK 2, or between COOK 1 or COOK 2 and PROBE TEMP, to allow you to stir or turn the food or to add ingredients and to plug in the probe.

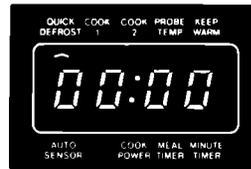
Using PAUSE with QUICK DEFROST

DO THIS... THIS HAPPENS...

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

QUICK
DEFROST

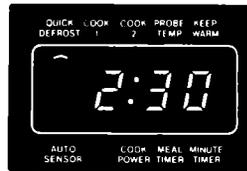
2. Touch QUICK DEFROST.



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

2 3 0

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.

PAUSE

4. Touch PAUSE.



The Display will show "PAUS."

START

5. Touch START.

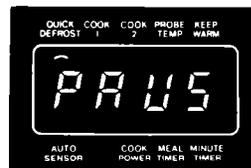


The QUICK DEFROST Indicator Light will stay on to show that the oven is in the Quick Defrost Cycle.

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

BEEP BEEP

Halfway through QUICK DEFROST, two beeps will sound and the oven will shut off.



"PAUS" will show on the Display and the QUICK DEFROST Indicator Light will stay on.

6. Turn over or rearrange food being defrosted. Close door.

NOTE: Oven will remain off until you touch START.



7. Touch START.



The QUICK DEFROST Indicator stays on and the Display counts down the remaining time.



BEEP BEEP BEEP BEEP

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 and a beep will sound every 30 seconds (to remind you that food is in the oven) until door is opened or CANCEL is touched. The Display will then show the time of day.

Adding PAUSE to the cycle in operation

Pause can be added to any cycle in operation as long as there is another cycle programmed to follow. It can also be added to QUICK DEFROST or AUTO SENSOR after START has been touched.

1. Touch PAUSE.
2. Touch START.

The oven will automatically stop after the cycle in operation to allow you to stir, turn, or rotate food or add additional ingredients. It will stop halfway through QUICK DEFROST to allow you to turn over or rearrange the food being defrosted. It will stop after the first (AS) part of the AUTO SENSOR cycle to allow you to stir, rotate or rearrange food or to add ingredients. **NOTE: The oven will remain off until you touch START.**

PAUSE between (COOK) cycle and PROBE TEMP

PAUSE is automatic between COOK 1 or COOK 2 and PROBE TEMP. "PROB" will show on the Display to remind you to plug in the probe. Touch START to continue cooking.

Using PAUSE with AUTO SENSOR

PAUSE may be used in AUTO SENSOR with the Cook/Reheat or Cook Frozen cycles **only**.

continued on next page.

1. Put food in the oven and close the door.
2. Touch COOK/REHEAT or COOK FROZEN.
3. Touch a Number Pad for the cooking category you want.
4. Touch PAUSE.
5. Touch START.

When the first part of the AUTO SENSOR cycle is done, you will hear 2 beeps and the oven will shut off.

6. Open the door. Stir or turn the food or add ingredients. Close the door.
7. Touch START to continue.

Using START TIME to delay start of 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.

DO THIS... THIS HAPPENS...

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 34.)

NOTE: Many cycles can be set when using START TIME. (See "Additional Information" on page 34.) Instructions for a single cycle are as shown.



3. Touch COOK 1.



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



4. 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 6 minutes, 30 seconds.



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



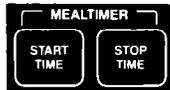
The COOK POWER Indicator Light will come on and the Display will show "P-HI". This shows the oven is pre-programmed to cook at full (HIGH) power.

7

6. 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.



7. Touch START TIME.



The COOK 1 Indicator Light will stay on. The MEALTIMER Indicator Light will come on and "0" will show on the Display.

5 0 0

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



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

START

9. Touch START.



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.



When the time of day reaches the time you have set for the oven to start cooking, the oven will beep twice and the MEALTIMER Indicator Light will go off. The COOK 1 and COOK POWER Indicator Lights will come on. The Display will show the cooking time, and the oven will start cooking.

count down

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

End

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 and a beep will sound every 30 seconds (to remind you that food is left in the oven) 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 COOK 1, COOK POWER (if required) 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 SENSOR, Defrosting, Using WARM/HOLD), 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 for 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.



2. Touch KEEP WARM.



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



3. Touch START.



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.
- **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 SENSOR, QUICK DEFROST, COOK 1, COOK 2 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.

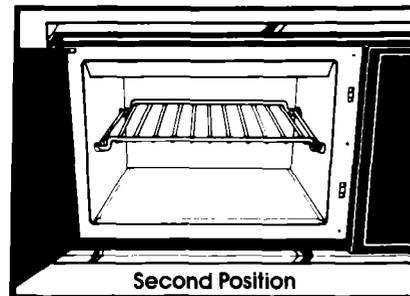
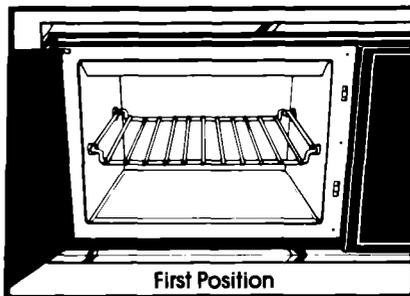
2. To stop the oven while it is running:

- 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

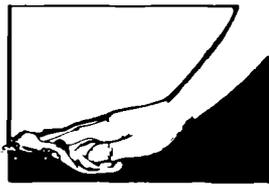
- Wash by hand with a mild detergent and a soft or nylon scrub brush. Dry completely.
- **Do not** use abrasive scrubbers or cleansers.

Special caution

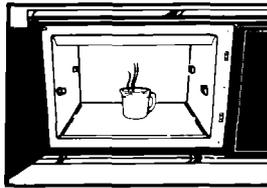
- **Do** use hot pads when removing rack from oven after cooking. It may be hot.
- **Do** put food in containers, then place containers on rack.
- **Do** use only when cooking foods in more than one container.
- **Do** use only in the microwave oven.
- **Do not use with browning dish.**
- **Do not** 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

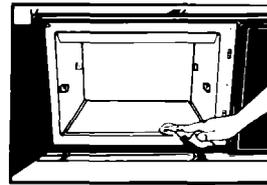
Cleaning the microwave oven



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.



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

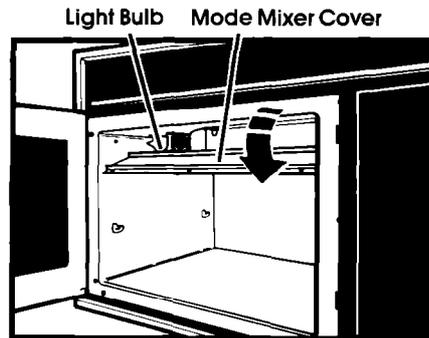
CAUTION: Abrasive cleansers, steel wool pads, gritty wash cloths, etc., can damage the control panel, and the interior and exterior oven surfaces. Use a soft cloth or a sponge with a mild detergent or spray glass cleaner.

Replacing the light bulb

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

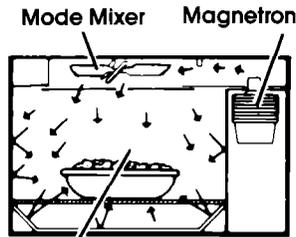
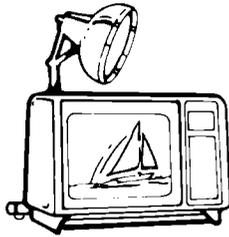
To replace:

1. Unplug, or turn off at fuse box or circuit breaker.
2. Open the oven door.
3. Remove the 3 screws from the front of the 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 25-watt candelabra-base bulb (Part No. 313969). Obtain bulb from your authorized Whirlpool dealer.
6. Close the cover and replace the screws.
7. Plug in, or turn on the main power supply.

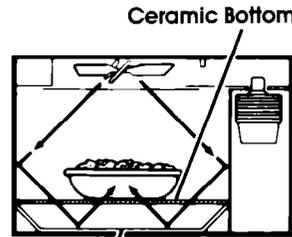


How your microwave oven works

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



Oven Cavity

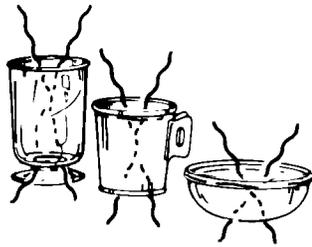


Metal Floor

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

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.

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.

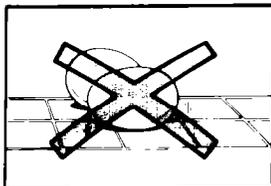


The microwaves disturb water molecules in the food. As the molecules bounce around bumping into each other, heat is made, like rubbing your hands together. This is the heat that cooks.

Operating safety precautions



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

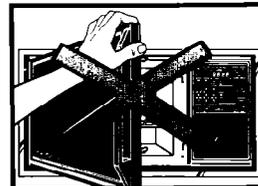


NEVER COOK OR REHEAT A WHOLE EGG.

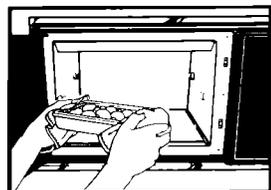
Steam build-up in whole eggs may cause them to burst and burn you, and possibly damage the oven. Slice hard boiled eggs before heating. In rare instances, poached eggs have been known to explode. Cover poached eggs and allow a standing time of one minute before cutting into them.



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.

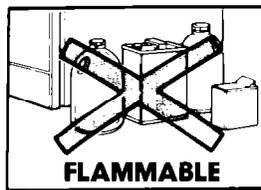


NEVER lean on the door or allow a child to swing on it when the door is open. Injury could result.



USE HOT PADS.

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



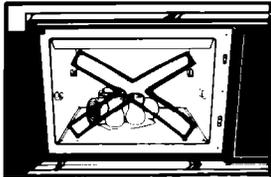
FLAMMABLE

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

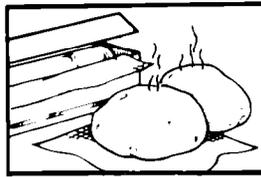
DO NOT can foods in the oven. Closed glass jars may explode resulting in damage to the oven or possible personal injury.

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

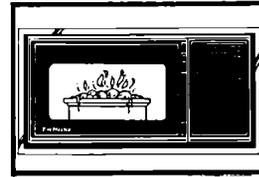
CAUTION: DO NOT use the oven until you have read and understand ALL precautions to prevent damage to the oven.



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

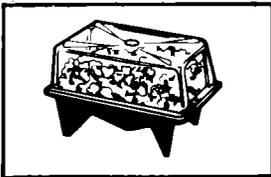


DO NOT OVERCOOK POTATOES. Fire could result. At the end of the recommended cooking time they should be slightly firm. Wrap in foil and set aside for 5 minutes. They will finish cooking while standing.



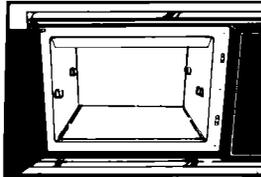
If a fire should start in the oven cavity:

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

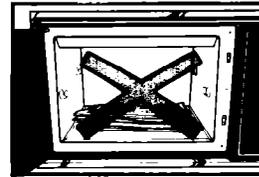


DO NOT pop popcorn, except in a microwave-approved popcorn popper or commercial package designed especially for microwave ovens. Results are the manufacturers responsibility.

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

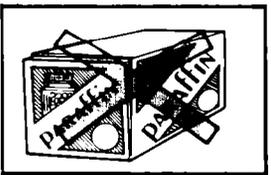


Starting a microwave oven when it's empty is not recommended. If you experiment, put a container of water in the oven.

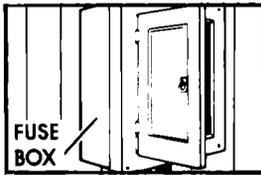


DO NOT use newspaper or other printed paper in the oven. Fire could result.

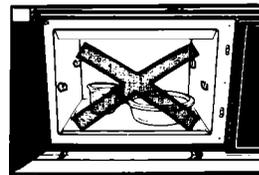
DO NOT dry flowers, fruit, herbs, wood, paper, gourds or clothes in the oven. Fire or other hazards may result.



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



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



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

General information

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

1. Before calling for assistance...

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

If nothing operates:

- Is the power supply cord plugged into a live circuit with the proper voltage?
- 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 low or lower than normal? Your electric company can tell you if the line 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 CYCLE 1 (See page 23.)

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 $\frac{1}{3}$ 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?
- 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.

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

4. If you have a problem*...

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

Mr. Robert Stanley
Division Vice President
Whirlpool Corporation
2000 M-63
Benton Harbor, MI 49022

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

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

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

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

WHIRLPOOL® MICROWAVE OVEN/ RANGE PRODUCT WARRANTY

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

WHIRLPOOL CORPORATION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages so this limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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



Part No. 312889 Rev A
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Automatic Washers, Clothes Dryers, Freezers, Refrigerator-Freezers, Ice Makers, Dishwashers, Built-In Ovens and Surface Units, Ranges.

