



HOW TO MAKE A HOME RUN.™

Use And Care

G U I D E



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1-800-253-1301

Call us with questions or comments.

MICROWAVE OVEN

MODEL MT5120XAQ

PART NO. TINSEB087MRR0/4313762 Rev. C

8195

A Note to You

Thank you for buying a WHIRLPOOL® appliance.

Because your life is getting busier and more complicated, WHIRLPOOL microwave ovens are easy to use, save time, and help you manage your home better. To ensure that you will enjoy years of trouble-free operation, we developed this Use and Care Guide. It is full of valuable information on how to operate and maintain your appliance properly and safely. Please read it carefully. Also, please complete and mail the Ownership Registration Card provided with your appliance. This will help us notify you about any new information on your appliance.

Your safety is important to us.

This guide contains warning symbols and statements. Please pay special attention to these symbols and follow any instructions given. Here is a brief explanation of the use of the warning symbol.

⚠ WARNING

This symbol will alert you to such dangers as fire, electrical shock, burns, and personal injury.

Our Consumer Assistance Center number, 1-800-253-1301, is toll-free, 24 hours a day.

If you ever have a question concerning your appliance's operation, or if you need service, first see "If You Need Assistance or Service" on page 44. If you need further help, feel free to call our Consumer Assistance Center. When calling, you will need to know your appliance's complete model number and serial number. You can find this information on the model and serial number plate (see diagram on page 12). For your convenience, we have included a handy place below for you to record these numbers, the purchase date from the sales slip, and your dealer's name and telephone number. Keep this book and the sales slip together in a safe place for future reference.

Model Number _____

Dealer Name _____

Serial Number _____

Dealer Phone _____

Purchase Date _____

Microwave Oven Safety

IMPORTANT SAFETY INSTRUCTIONS

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.

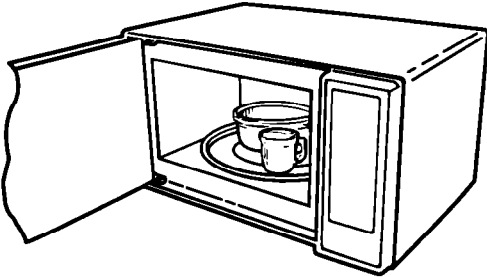
⚠ WARNING

To reduce the risk of fire, electrical shock, burns, injury to persons, exposure to excessive microwave energy, or damage when using the microwave oven, follow basic precautions, including the following:

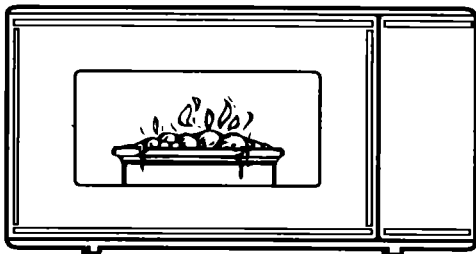
- Read all instructions before using the microwave oven.
- Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found on page 5.
- This appliance must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS" found on page 9.
- Install or locate this appliance only in accordance with the provided Installation Instructions found on page 8.
- Some products such as whole eggs in the shell and sealed containers – for example, closed glass jars – could explode and should not be heated in this oven.
- Do not heat, store, or use flammable materials in or near the oven. Fumes could create a fire hazard or explosion.
- Use this appliance only for its intended use as described in this manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat or cook food. It is not designed for industrial or laboratory use.
- As with any appliance, close supervision is necessary when used by children.
- 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. Fire, electrical shock, or other hazards could result.
- This appliance should be serviced only by qualified service personnel. Call an authorized Whirlpool service company for examination, repair, or adjustment.
- Do not cover or block any opening on the appliance. Fire could result.
- Do not store or use this appliance outdoors. Do not use this product near water – for example, near a kitchen sink, in a wet basement, or near a swimming pool, and the like.
- Do not immerse cord or plug in water.
- Keep cord away from heated surfaces.
- Do not let cord hang over edge of table or counter.
- See door surface and interior cleaning instructions on page 38.
- To reduce the risk of fire in the oven cavity:
 - Do not overcook food. Carefully attend appliance if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking. Paper could char or burn, and some plastics could melt if used when heating foods.
 - Do not deep fry in oven. Microwavable utensils are not suitable and it is difficult to maintain appropriate deep frying temperatures.

continued on next page

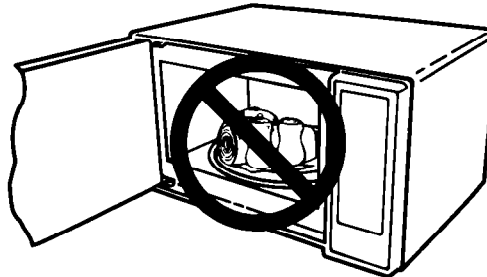
MICROWAVE OVEN SAFETY



- **Test dinnerware or cookware before using.** To test a dish for safe use, put it into the oven with a cup of water beside it. Cook at 100% Cook Power for one minute. **If the dish gets hot and water stays cool, do not use it.** Some dishes (melamine, some ceramic dinnerware, etc.) absorb microwave energy, becoming too hot to handle and slowing cooking times. Cooking in metal containers not designed for microwave use could damage the oven, as could containers with hidden metal (twist-ties, foil lining, staples, metallic glaze or trim).
- Remove wire twist-ties from paper or plastic bags before placing bag in oven.



- 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.



- Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.
 - Do not mount over a sink.
 - Do not store anything directly on top of the appliance when appliance is in operation.
- Read and follow “Operating safety precautions” starting on page 6.
 1. A short power-supply cord is provided to reduce the risks resulting from becoming entangled in or tripping over a longer cord.
 2. Longer cord sets or extension cords are available and may be used if care is exercised in their use.
 3. If a long cord or extension cord is used temporarily, (a) the marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance, (b) the extension cord must be a grounding-type, 3-wire cord that has a 3-blade grounding plug and a 3-slot receptacle that will accept the plug on the appliance, and (c) the longer cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over accidentally.
 4. A qualified electrician must install a properly grounded and polarized 3-prong receptacle near the appliance.

– SAVE THESE 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.

Do not operate the microwave oven with the outer cabinet removed.

MICROWAVE OVEN SAFETY

Operating safety precautions

⚠ WARNING

To reduce the risk of fire, electrical shock, burns, injury to persons, or damage when using the microwave oven, follow the precautions on pages 6-7.



Never cook or reheat a whole egg inside the shell. Steam buildup 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.

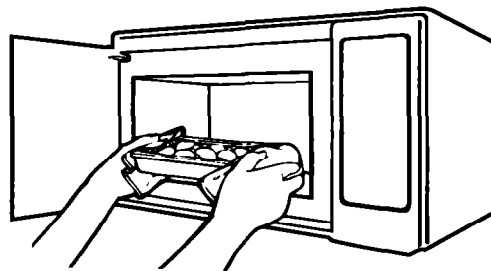


Stir before heating

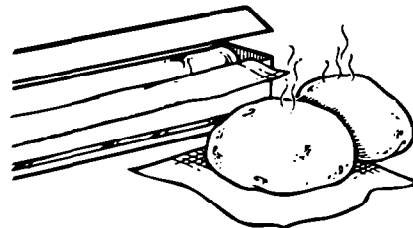
For best results, stir any liquid several times before heating or reheating. Liquids heated in certain containers (especially cylindrical containers) may become overheated. The liquid may splash out with a loud noise during or after heating or when adding ingredients (coffee granules, tea bags, etc.)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



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

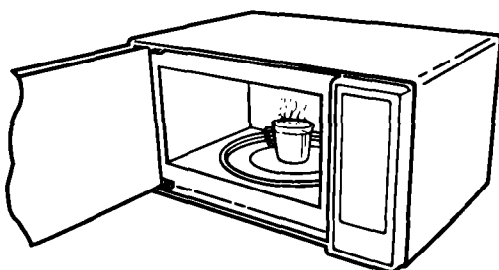


Use hot pads. Microwave energy does not heat containers, but the hot food does.



Do not overcook potatoes. Fire could result. At the end of the recommended cooking time, potatoes should be slightly firm because they will continue cooking during standing time. **After microwaving, wrap** potatoes in foil and **set aside** for five minutes. They will finish cooking while standing.

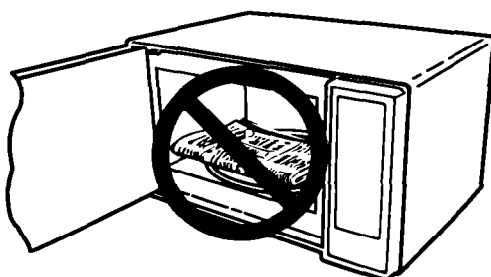
MICROWAVE OVEN SAFETY



Do not start a microwave oven when it is empty. Product life may be shortened.

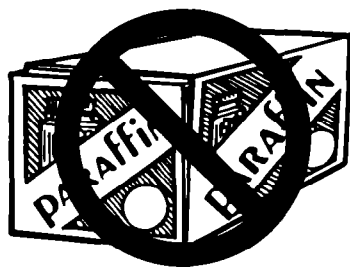
If you practice programming the oven, **put** a container of water in the oven.

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

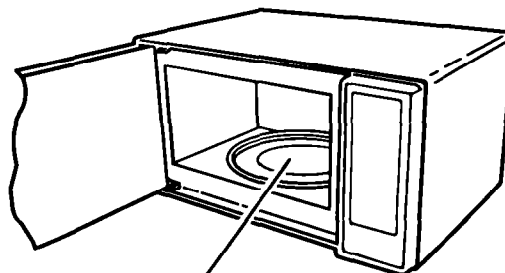


Do not use newspaper or other printed paper in the oven. Fire could result.

Do not dry flowers, fruit, herbs, wood, paper, gourds, or clothes in the oven. Fire could result.



Do not try to melt paraffin wax in the oven. Paraffin wax will not melt in a microwave oven because it allows microwaves to pass through it.



Glass turntable

Do not operate the microwave oven unless the glass turntable is securely in place and can rotate freely. The turntable can rotate in either direction.

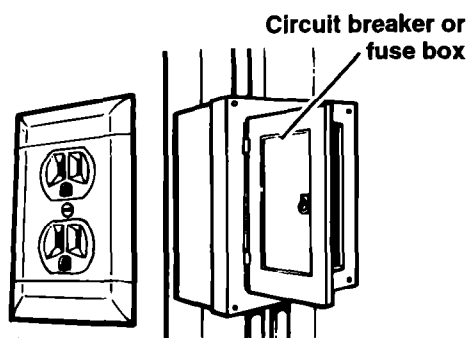
Make sure support base is all the way on the shaft in oven cavity floor. **Make sure** support rollers are completely inside center circle of turntable for proper rotation.

Make sure the glass turntable is correct-side up in oven. **Carefully place** cookware on glass turntable to avoid possible breakage.

Handle glass turntable with care when removing from oven to avoid possible breakage. If glass turntable cracks or breaks, contact your Whirlpool dealer for a replacement.

When you use a browning dish, the browning dish bottom must be at least $\frac{3}{16}$ inch above the glass turntable. Follow directions supplied with browning dish.

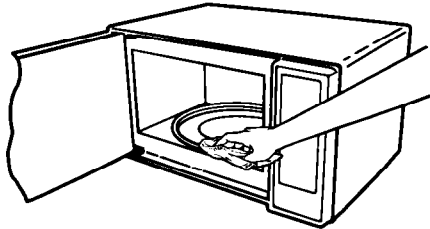
General information



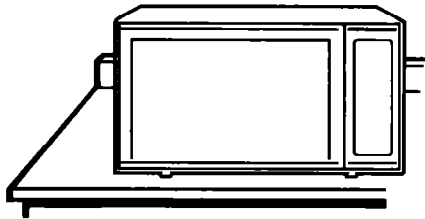
If your electric power line or outlet voltage is less than 110 volts, cooking times may be longer. Have a qualified electrician check your electrical system.

Installation Instructions

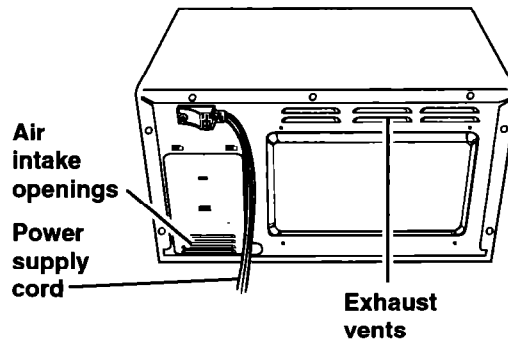
Before you begin operating the oven, carefully read the following instructions.



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



2. **Put** the oven on a cart, counter, table, or shelf that is strong enough to hold the oven and the food and utensils you put in it. **(The control side of the unit is the heavy side. Use care when handling.)** The weight of the oven is approximately 35 lbs (15.75 kg). The microwave oven should be at a temperature above 50°F (10°C) for proper operation.



NOTE: Do not block the rear air intake opening or exhaust vents. Allow a few inches of space at back of oven where intake opening and exhaust vents are located. Blocking the air intake openings and exhaust vents could cause damage to the oven and poor cooking results. Make sure the microwave oven legs are in place to ensure proper airflow.

⚠ WARNING

Fire Hazard

Do not install the oven next to or over a heat source (for example, a cooktop or range) without a UL approved trim kit or without being in a UL approved built-in configuration. Also, do not install oven in any area where excessive heat and steam are generated.

This could cause a fire, electrical shock, excessive exposure to microwave energy, other personal injury, or damage to the outside of the cabinet.

Built-in kits

You can build in your microwave oven by using one of the trim kits listed on page 15. These kits are available from your Whirlpool Dealer. If your dealer does not stock the kit it can be ordered, by part number, by writing to:

Whirlpool Corporation
Attention: Customer Service Dept.
1900 Whirlpool Drive
LaPorte, IN 46350

INSTALLATION INSTRUCTIONS

3. Electrical requirements

Observe all governing codes and ordinances. A 120 Volt, 60 Hz, AC only, 15 or 20 amp fused electrical supply is required.

(Time-delay fuse is recommended.) It is recommended that a separate circuit serving only this appliance be provided.

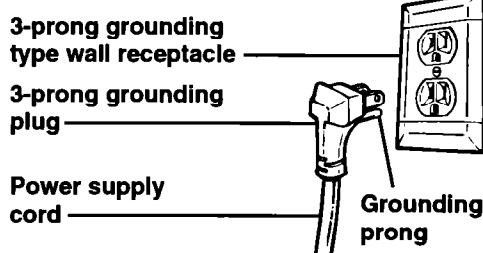
4. GROUNDING INSTRUCTIONS

⚠ WARNING

Electrical Shock Hazard

Improper use of the grounding plug could result in a risk of electrical shock. **DO NOT, UNDER ANY CIRCUMSTANCES, REMOVE THE POWER SUPPLY CORD GROUNDING PRONG.**

5. For your personal safety, this appliance must be grounded. In the event of an electrical short circuit, grounding reduces the risk of electrical shock by providing an escape wire for the electric current. This appliance is equipped with a polarized 3-prong grounding plug. It must be plugged into a correctly polarized mating 3-prong grounding type wall receptacle, properly installed and grounded in accordance with the National Electrical Code and local codes and ordinances. If a mating wall receptacle is not available or if you are not sure if the wall receptacle is properly grounded and polarized, have it checked by a qualified electrician.



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

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

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

6.  To test the oven, plug it into the proper electrical outlet. Put about one cup (250 mL) of cold water in a glass container in the oven. Close the door. Make sure it latches. Follow the directions on page 19 to set the oven to cook for two minutes. When the time is up, the water should be heated.

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

Do not remove the door, control panel or cabinet at any time. The unit is equipped with high voltage and should be serviced by an authorized Whirlpool service technician.

- SAVE THESE INSTRUCTIONS -

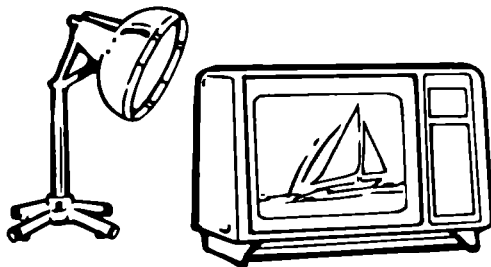
Getting to Know Your Microwave Oven

This section discusses the concepts behind microwave cooking and introduces you to the basics you need to know to operate your microwave oven. Please read this information before use.

In This Section

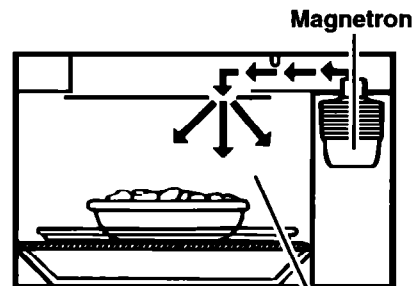
	Page	Page
How your microwave oven works ...	10	Built-in kits 15
Microwave oven features	12	Setting the clock..... 16
Control panel features	13	Using the Minute Timer 17

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.

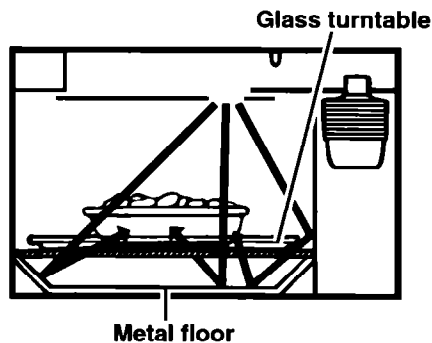
Microwaves are like TV waves or light waves. You cannot see them, but you can see what they do.



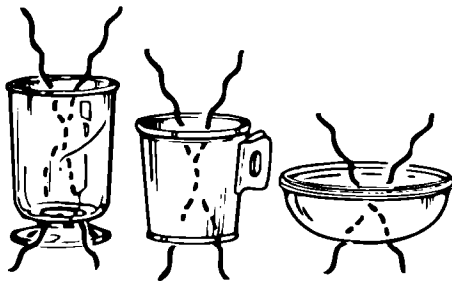
Oven cavity

A magnetron in the microwave oven produces microwaves. The microwaves move into the oven where they contact food as it turns on the glass turntable.

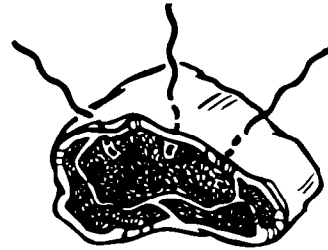
GETTING TO KNOW YOUR MICROWAVE OVEN



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



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



Microwaves may not reach the center of a roast. The heat spreads to the center from the outer, cooked areas just as in regular oven cooking. This is one of the reasons for letting some foods (for example, roasts or 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 does the cooking.

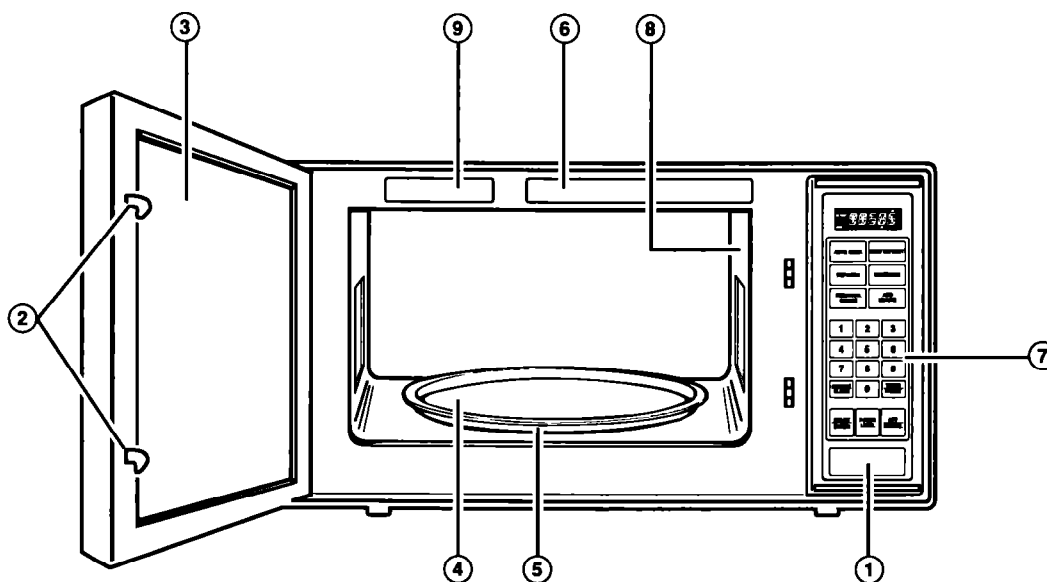
Radio interference

Operation of the microwave oven may cause interference to your radio, TV, or similar equipment. When there is interference, it may be reduced or eliminated by taking the following measures:

- **Clean** door and sealing surfaces of the oven.
- **Adjust** the receiving antenna of radio or television.
- **Move** the receiver away from the microwave oven.
- **Plug** the microwave oven into a different outlet so that the microwave oven and receiver are on different branch circuits.

GETTING TO KNOW YOUR MICROWAVE OVEN

Microwave oven features



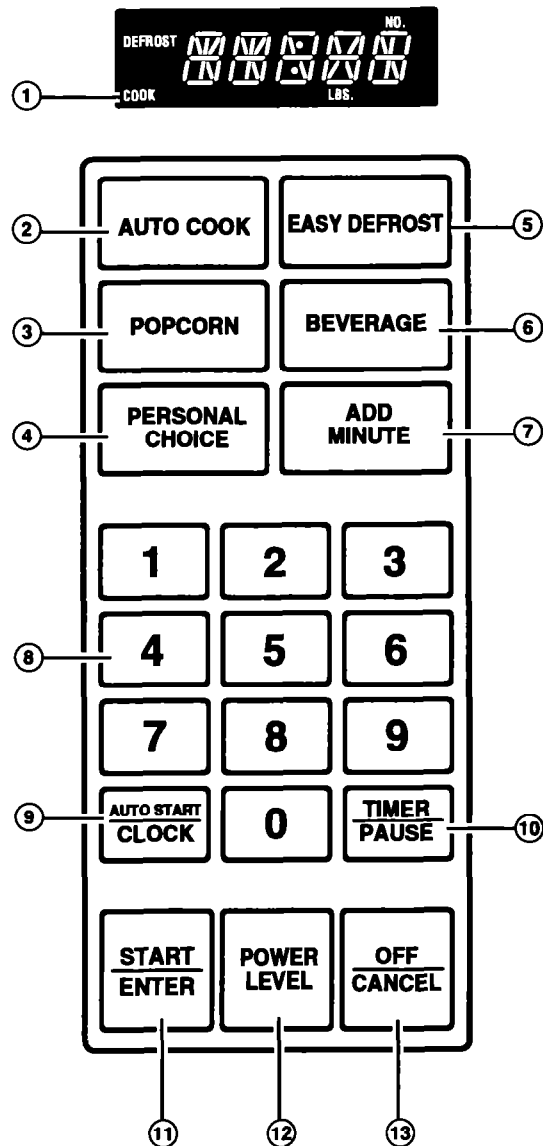
Your microwave oven is designed to make your cooking experience as enjoyable and productive as possible. To help get you up and running quickly, the following is a list of the oven's basic features:

- 1. One-Touch Door Open Button.** Push to open door.
- 2. Door Safety Lock System.** The oven will not operate unless the door is securely closed.
- 3. Window with Metal Shield.** Shield prevents microwaves from escaping. It is designed as a screen to allow you to view food as it cooks.
- 4. Glass Turntable.** This turntable turns food as it cooks for more even cooking. It must be in the oven during operation for best cooking results. See pages 7, 11, and 38 for more details.
- 5. Removable Turntable Support** (under turntable).
- 6. Cook Guide Label.**
- 7. Control Panel.** Touch pads on this panel to perform all functions. See pages 13 and 14 for more information.
- 8. Light.** Automatically turns on when door is opened or when oven is operating.
- 9. Model and Serial Number Plate.**

Control panel features

Your microwave oven control panel lets you select the desired cooking function quickly and easily. All you have to do is touch the necessary Command Pad. The following is a list of all the Command and Number Pads located on the control panel. For more information, see pages 16-37.

1. **Display.** This display includes a clock and indicators to tell you the time of day, cooking time settings, and cooking functions selected.
2. **AUTO COOK.** Touch this pad to cook common microwave-prepared foods without needing to program times and Cook Powers. See page 22 for more information.
3. **POPCORN.** Touch this pad when popping popcorn in your microwave oven. The oven will automatically heat for a preset time at a preset Cook Power. See page 29 for more information.
4. **PERSONAL CHOICE.** Touch this pad to recall one cooking instruction that you previously programmed into memory. See page 32 for more information.
5. **EASY DEFROST.** Touch this pad to thaw frozen meats by weight. See page 24 for more information.
6. **BEVERAGE.** Touch this pad to reheat one-half cup or one cup of a beverage. The oven will automatically heat for a preset time at a preset Cook Power. See page 31 for more information.
7. **ADD MINUTE.** Touch this pad to cook for one minute at 100% Cook Power or to add an extra minute to your cooking cycle. See page 33 for more information.
8. **Number Pads.** Touch Number Pads to enter cooking times, Cook Powers, quantities, or weights.
9. **AUTO START/CLOCK.** Touch this pad to enter the correct time of day or to program your oven to begin cooking automatically at a chosen time later in the day. See pages 16 and 36 for more information.



continued on next page

GETTING TO KNOW YOUR MICROWAVE OVEN

10. **TIMER/PAUSE.** Touch this pad to set the Minute Timer or to stop the oven between cooking stages. See pages 17 and 35 for more information.
11. **START/ENTER.** Touch this pad to start a function. If you open the door after the oven begins to cook, retouch START/ENTER.
12. **POWER LEVEL.** Touch this pad after the cook time has been set, followed by a Number Pad to set the amount of microwave energy released to cook the food. The higher the number, the higher the microwave power or "cooking speed." See page 20 for more information. See the "Microwave cooking chart" on page 40 for specific Cook Powers to use for the foods you are cooking.
13. **OFF/CANCEL.** Touch this pad once to erase an incorrect command, cancel the Minute Timer or stop the oven temporarily during cooking. Touch it twice to cancel a program during cooking or to clear the Display.

NOTES:

- If you touch two Command Pads for the same cycle (for example, EASY DEFROST and AUTO COOK), the second command will cancel the first.
- If you attempt to enter unacceptable instructions, "ERROR" will appear on the Display. Touch OFF/CANCEL and re-enter the instructions.

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.
- A single long tone signals the end of a cooking cycle or Minute Timer function.
- To cancel tones, touch AUTO START/CLOCK followed by Number Pad 5 and START/ENTER. To turn tones back on, touch AUTO START/CLOCK followed by Number Pad 5 and OFF/CANCEL.

Interrupting cooking

You can stop the oven during a cycle by opening the door. The oven stops heating and the fan stops, but the light stays on.

To restart cooking, close the door and Touch

START
ENTER

If you do not want to continue cooking:

- Close the door and the light goes off.

OR

- Touch

OFF
CANCEL

Using the safety lock

The safety lock prevents unwanted operation of the microwave oven by small children.

To lock or deactivate the control panel:

1. Touch AUTO START/CLOCK.
2. Touch Number Pad 1.
3. Touch START/ENTER.

"LOCK" will appear on the Display if a pad is touched.

To cancel safety lock:

1. Touch AUTO START/CLOCK.
2. Touch Number Pad 1.
3. Touch OFF/CANCEL.

GETTING TO KNOW YOUR MICROWAVE OVEN

Using the demonstration feature

You can program your microwave oven to display your commands as you enter them without turning the oven on. This feature helps you learn to use your oven without actually cooking food.

To set the demo feature:

1. **Touch** AUTO START/CLOCK.
2. **Touch** Number Pad 0.
3. **Touch** START/ENTER.

"DEMO" will appear on the Display.

To cancel the demo feature:

1. **Touch** AUTO START/CLOCK.
2. **Touch** Number Pad 0.
3. **Touch** OFF/CANCEL.

Built-in kits

You can build in your microwave oven by using one of the following trim kits:

SIZE	COLOR	KIT MODEL NO.	KIT PART NO.	UL APPROVED FOR INSTALLATION OVER WHIRLPOOL OVEN MODEL
24"	Black	MK6124XAB	4319225	SB130PER, SB160PEX, RB160PXY, RB120PXY, RB100PXY, RB1005XY
27"	Black	MK6127XAB	4319227	SB130PER, SB160PEX, RB760PXY
30"	Black	MK6120XAB	4378060	RB260PXY, RB220PXY
24"	White	MK6124XAQ	4319224	Same as Kit No. 4319225
27"	White	MK6127XAQ	4319226	Same as Kit No. 4319227
30"	White	MK6120XAQ	4378059	Same as Kit No. 4378060

See page 8 for more information.

GETTING TO KNOW YOUR MICROWAVE OVEN

Setting the clock

When you first plug in your microwave oven, the Display flashes “88:88”. If the electric power ever goes off, the Display will again flash all 8's when the power comes back on.

NOTES:

- **You can cook** without setting the clock, but the Display will not show the correct time of day after cooking.
- **To reset the clock**, touch AUTO START/CLOCK. A “0” will show on the Display. Continue to set the clock as shown below.
- **If you have touched in** an incorrect time, such as 12:65, “ERROR” will show on the Display. Touch OFF/CANCEL, then touch AUTO START/CLOCK and start over.

To set time:

1. Choose setting.

TOUCH



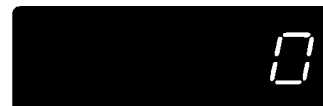
YOU SEE



TOUCH



YOU SEE



2. Enter time of day.

Example for 3:25:

TOUCH



YOU SEE



3. Complete entry.

TOUCH



YOU SEE



GETTING TO KNOW YOUR MICROWAVE OVEN

Using the Minute Timer

Your microwave oven can be used as a kitchen timer. Use the Minute Timer for timing up to 99 minutes, 59 seconds.

NOTES:

- **To see** the time of day while the Minute Timer is counting down, touch AUTO START/CLOCK.
- **If you want to use** other Command Pads while the Minute Timer is counting down, touch OFF/CANCEL to cancel the Minute Timer.

1. Enter time to be counted down.

Example for three minutes:

TOUCH

3

0

0

YOU SEE

3 00

2. Start countdown.

TOUCH

TIMER
PAUSE

YOU SEE

3.00

(display will count down set time)

When the set time ends, a long tone will sound. When you open the door or touch OFF/CANCEL, you will see the time of day.

YOU SEE

End

Using Your Microwave Oven

This section gives you instructions for operating each function. Please read these instructions carefully.

In This Section

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Cooking at high cook power	19	cook cycle	27
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To get the best cooking results:

- **ALWAYS** cook food for the minimum recommended cooking time. If necessary, touch ADD MINUTE while the oven is operating or after it has completed the cooking cycle (see page 33 for more information). Then check for doneness to avoid overcooking the food.
- **Stir, turn over, 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.
- **Although a new rating method*** rates this oven at 900 watts, you may use a reliable cookbook and recipes developed for microwave ovens previously rated at 700-800 watts.

*IEC-705 Test Procedure. The IEC-705 Test Procedure is an internationally recognized method of rating microwave wattage output and does not represent an actual change to output power or cooking performance.

USING YOUR MICROWAVE OVEN

Cooking at high cook power

1. Put food in oven and close door.

2. Set cooking time.

Example for one minute, 30 seconds:

TOUCH

1

3

0

YOU SEE

1 30

3. Start oven.

TOUCH

START
ENTER

YOU SEE

1.29
COOK

(display will count down
cooking time)

When the cooking time ends, a long tone will sound. When you open the door or touch OFF/CANCEL, you will see the time of day.

YOU SEE

End

USING YOUR MICROWAVE OVEN

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 microwave cookbook recipes tell you by number, percent, or name which Cook Power to use.

The following chart gives the percentage of Cook Power each Number Pad stands for, and the Cook Power name usually used. It also tells you when to use each Cook Power. Follow recipe or food package instructions if available.

COOK POWER	NAME	WHEN TO USE IT
Automatic 100% of full power	High	• Quick heating many convenience foods and foods with high water content, such as soups and beverages • Cooking tender cuts of meat, ground meat, poultry pieces, fish fillets, and vegetables
9=90% of full power		• Heating cream soups
8=80% of full power		• Heating rice, pasta, or casseroles
7=70% of full power	Medium-High	• Cooking and heating foods that need a Cook Power lower than high (for example, whole fish and meat loaf) or when food is cooking too fast • Reheating a single serving of food
6=60% of full power		• Cooking requiring special care, such as cheese and egg dishes, pudding, and custards • Finishing cooking casseroles
5=50% of full power	Medium	• Cooking ham, whole poultry, and pot roasts • Melting chocolate
4=40% of full power		• Simmering stews • Heating pastries
3=30% of full power	Medium-Low, Defrost	• Defrosting foods, such as bread, fish, meats, poultry, and precooked foods
2=20% of full power		• Softening butter, cheese, and ice cream
1=10% of full power	Low	• Keeping food warm • Taking chill out of fruit

NOTE: To check the Cook Power you set after cooking has started, touch POWER LEVEL. When you lift up on POWER LEVEL, the remainder of the cooking time will reappear on the Display.

USING YOUR MICROWAVE OVEN

1. Put food in oven and close door.

2. Set cooking time.

Example for seven minutes, 30 seconds:

TOUCH

7

3

0

YOU SEE

7 30

3. Set Cook Power.

TOUCH

POWER
LEVEL

YOU SEE

P-

Example for 50% Cook Power:

TOUCH

5

YOU SEE

P- 50

4. Start oven.

TOUCH

START
ENTER

YOU SEE

7.29

COOK

(display will count down cooking time)

When the cooking time ends, a long tone will sound. When you open the door or touch OFF/CANCEL, you will see the time of day.

YOU SEE

End

USING YOUR MICROWAVE OVEN

Using AUTO COOK

Cooking with AUTO COOK lets you cook common microwave-prepared foods without needing to program times and Cook Powers. AUTO COOK has preset times and Cook Powers for five major food categories: Baked Potatoes; Fresh Vegetables; Frozen Vegetables; Rice; Fish Fillets. All you do

is touch the Number Pad assigned to the desired category and enter the number of items being heated. Your microwave oven does the rest.

NOTE: See "Microwave cooking chart" on page 40 when cooking with cooking time and Cook Power.

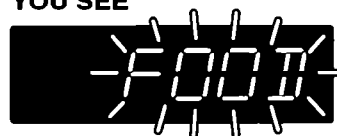
1. Put food in oven and close door.

2. Choose AUTO COOK.

TOUCH



YOU SEE



3. Choose setting.

Touch any of Number Pads 1-5.

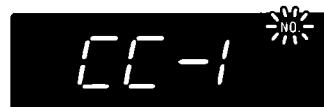
NOTE: See "Auto cook chart" on page 23 or the Cook Guide Label on the frame behind the door for food categories available.

Example for Setting 1 (Baked Potatoes):

TOUCH



YOU SEE



4. Enter amount of items to be heated.

Example for two items:

TOUCH



YOU SEE



5. Start oven.

TOUCH



YOU SEE



(display counts down cooking time)

(time indicated is estimated for example)

USING YOUR MICROWAVE OVEN

6. When the cooking time ends, a long tone will sound and the oven will stop.

YOU SEE

COVER **STAND**

(example)

Open door.

OR

TOUCH

YOU SEE

OFF
CANCEL

End

Auto cook chart

SETTING	FOOD	AMOUNT	PROCEDURE																				
1	Baked Potatoes	1-6 medium	Prick; place on paper towel on turntable. Remove from oven, wrap in foil, and let stand 10 minutes.																				
2	Fresh Vegetables	1-6 cups	For beans, carrots, corn, and peas, add one tablespoon of water per cup. For broccoli, brussels sprouts, cabbage, cauliflower, cook immediately after washing with no additional water. If you like tender, crisp vegetables, double or triple the quantity per setting. For example, use two or three cups of zucchini, but touch Number Pad 1 for one cup. After cooking, remove from oven, stir, cover, and let stand three to five minutes before serving.																				
3	Frozen Vegetables	1-6 cups	Cover with lid or plastic wrap. Let stand three minutes, covered.																				
4	Rice	½-2 cups	Place rice into a deep casserole and add double quantity of water. Cover with lid or plastic wrap. Follow the chart below for Number Pads to touch for different rice quantities: <table style="margin-left: 20px;"> <tr> <th>Number Pad(s)</th><th>Rice</th><th>Water</th><th>Size of Casserole</th></tr> <tr> <td>5</td><td>½ c</td><td>1 c</td><td>1.5 qt</td></tr> <tr> <td>1,0</td><td>1 c</td><td>2 c</td><td>2 qt</td></tr> <tr> <td>1,5</td><td>1½ c</td><td>3 c</td><td>2.5 qt</td></tr> <tr> <td>2,0</td><td>2 c</td><td>4 c</td><td>2.5 or 3 qt</td></tr> </table> After cooking, stir, cover, and let stand three to five minutes or until all liquid has been absorbed.	Number Pad(s)	Rice	Water	Size of Casserole	5	½ c	1 c	1.5 qt	1,0	1 c	2 c	2 qt	1,5	1½ c	3 c	2.5 qt	2,0	2 c	4 c	2.5 or 3 qt
Number Pad(s)	Rice	Water	Size of Casserole																				
5	½ c	1 c	1.5 qt																				
1,0	1 c	2 c	2 qt																				
1,5	1½ c	3 c	2.5 qt																				
2,0	2 c	4 c	2.5 or 3 qt																				
5	Fish Fillets	0.5-9.9 lbs.	Use this pad for fresh or defrosted fish fillets. Arrange in a pie plate or shallow casserole in a single layer. Tuck thin ends under to prevent overcooking. Cover with vented plastic wrap. After cooking, let stand, covered, for one to three minutes.																				

NOTE: If you enter an amount not shown in the chart above, "ERROR" will appear. AUTO COOK will only operate with the amounts shown.

USING YOUR MICROWAVE OVEN

Using EASY DEFROST

Your microwave oven automatically defrosts a variety of common meats at preset Cook Powers for preset times. The 2-stage Easy Defrost Cycle defrosts roast beef, pork, steaks, chops, fish, ground meat, and chicken. All you do is touch EASY DEFROST to enter the weight of the items being defrosted. Your microwave oven does the rest.

NOTES:

- If you want to change the defrost time after choosing EASY DEFROST, see "Adding or subtracting cook time" on page 34.
- If "ERROR" appears on the Display, touch OFF/CANCEL and start over.
- To defrost items not listed in "Defrost chart" on page 26, use 30% COOK POWER. Refer to a reliable cookbook for defrosting information.

1. Put frozen food in oven and close door.

2. Choose EASY DEFROST.

TOUCH

EASY DEFROST

YOU SEE

DEFROST 0.5 LBS

3. Enter food weight.

Each time you touch EASY DEFROST, the displayed food weight will increase by .5 pounds.

NOTE: When increasing the food weight, you must touch EASY DEFROST within two seconds after the last time you touched the pad. After two seconds, defrosting will start for the last food weight entered.

After two seconds:

TOUCH

EASY DEFROST

a second time

YOU SEE

DEFROST 1.0 LBS

YOU SEE

DEFROST 2.25 LBS
COOK

(example: display counts down defrosting time in first stage)

4. After first stage is over, oven will stop and four tones will sound.

Open door, turn over meat, and shield any warm portions.

YOU SEE

CHEK

TURN OVER

USING YOUR MICROWAVE OVEN

5. Close door.

YOU SEE

PRESS START

6. Restart oven.

TOUCH

START
ENTER

YOU SEE

DEFROST . 35
COOK

(example: display counts
down second stage of
defrost cycle)

7. After defrosting, oven will stop
and one long tone will sound.

YOU SEE

COVER STAND

Open door.

OR TOUCH

OFF
CANCEL

YOU SEE

END

USING YOUR MICROWAVE OVEN

Defrost chart

FOOD	PROCEDURE
Roast Beef, Pork	Start with fat side down. After 1st stage, turn over and shield any warm portions with aluminum foil. After the 2nd stage, turn over and shield any warm portions with aluminum foil. Stand, covered 30-60 minutes.
Steaks, Chops, Fish	After the 1st stage, turn over and shield any warm portions with aluminum foil. After the 2nd stage, shield any warm portions with aluminum foil. Remove any pieces that are nearly defrosted. Stand, 10-20 minutes.
Ground Meat	Remove any thawed parts after each stage. Stand, 5-10 minutes.
Chicken, Whole	Remove giblets before freezing poultry for more uniform defrosting. Start with breast side down. After the 1st stage, turn over and shield any warm portions with aluminum foil. After the 2nd stage, shield any warm portions with aluminum foil. Stand, covered 30-60 minutes.
Chicken Pieces	After the 1st stage, turn over and rearrange. After the 2nd stage, if there are warm or thawed portions, rearrange or remove. Stand, 10-20 minutes.

Defrosting tips

- **When using EASY DEFROST**, the weight to be entered is the net weight (the weight of the food minus the container). Enter weight to the nearest ½ lb.
- **Only use EASY DEFROST** for raw food. EASY DEFROST gives best results when food to be thawed is a minimum of 0°F. If food has been stored in a refrigerator-freezer that does not maintain a temperature of 0°F or below, always program a lower food weight (for a shorter defrosting time) to prevent cooking the food.
- **If the food is kept outside** the freezer for up to 20 minutes, enter a lower food weight.
- **If the food is kept outside** the freezer for more than 20 minutes, and for defrosting ready-made food, defrost by time and power and let stand after defrosting.
- **The shape of the package** alters the defrosting time. Shallow rectangular packets defrost more quickly than a deep block.
- **Separate pieces** as they begin to defrost. Separated pieces defrost more easily.
- **You can use small pieces** of aluminum foil to shield foods like chicken wings, leg tips, and fish tails, but the foil must not touch the side of the oven. Foil can damage the oven lining.
- **Shield areas of food** with small pieces of foil if they start to become warm.
- **For better results, a preset standing time** is included in the defrosting time. This may make the defrosting time seem longer than expected. (For more information on standing time, see "Cooking tips" on page 41.)

Cooking with more than one cook 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.

1. Put food in oven and close door.

2. Set cooking time for first cycle.

Example for seven minutes, 30 seconds:

TOUCH



YOU SEE



3. Set Cook Power for first cycle.

If you want to cook at full (100%) power, touch POWER LEVEL twice.

TOUCH



twice

YOU SEE



USING YOUR MICROWAVE OVEN

If you want to cook at another Cook Power, touch POWER LEVEL followed by a Number Pad.

TOUCH



YOU SEE



Example for 50% Cook Power:

TOUCH



YOU SEE



4. Set cooking time for second cycle.

Example for three minutes, 25 seconds:

TOUCH



YOU SEE



5. Set Cook Power for second cycle.

To cook at full (100%) power, skip to Step 6.

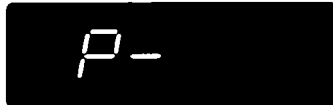
To cook at another Cook Power:

Example for 60% Cook Power:

TOUCH



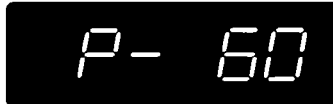
YOU SEE



TOUCH



YOU SEE



6. Start oven.

TOUCH



YOU SEE



(display will count down cooking time in each cycle)

When cooking time ends, a long tone will sound.

YOU SEE



USING YOUR MICROWAVE OVEN

Changing or adding instructions

You can change times, Cook Powers or add cycles any time before or after touching START/ENTER:

- **Touch** OFF/CANCEL twice.
- **Enter** your new instructions.

Using POPCORN

POPCORN lets you pop commercially packaged microwave popcorn by touching just one pad. Pop only one package at a time. If you are using a microwave popcorn popper, follow manufacturer's instructions. You can set your microwave oven to pop different types of popcorn in different size bags. You specify the setting by the number of times you touch POPCORN. To correctly set your microwave oven, follow this chart:

Bag Size-ounces	3.5	3.5	1.5-1.7	1.5-1.7
Popcorn Type	Regular	Light	Regular	Light
Touch POPCORN	once	twice	3 times	4 times

Cooking performance may vary with brand. Try several brands to decide which gives best popping results. For best results, use fresh bags of popcorn.

NOTES:

- **Before using** POPCORN, be sure the time of day is showing on the Display. If the time of day is not on the Display, touch OFF/CANCEL once or twice.
- **If you want to change** the popping time after choosing POPCORN, see "Adding or subtracting cook time" on page 34.

WARNING

Fire Hazard

Do not repop unpopped kernels and do not reuse popcorn bags.

If you remove the turntable right after popping popcorn, use oven mitts.

Failure to follow the above could result in fire or burns.

continued on next page

USING YOUR MICROWAVE OVEN

1. Place bag in center of turntable and close door.

2. Choose POPCORN.

Example for 3.5 oz regular bags:

TOUCH

POPCORN

ONCE

YOU SEE

REG

2.05

COOK

(display will count down
popping time)

When popping time ends, a long tone
will sound.

YOU SEE

END

Using BEVERAGE

BEVERAGE lets you heat a beverage by touching just one pad.

NOTES:

- **Before using** BEVERAGE, be sure the time of day is showing on the Display. If the time of day is not on the Display, touch OFF/CANCEL once or twice to clear.
- **If you want to change** the heating time after choosing BEVERAGE, see "Adding or subtracting cook time" on page 34.

1. Place cup of beverage in oven and close door.

2. Choose BEVERAGE.

To heat a half cup of a beverage:

TOUCH

BEVERAGE

YOU SEE

0.5
CUPS

.30
COOK

(display counts down heating time)

OR

To heat a full cup of a beverage:

TOUCH

BEVERAGE

YOU SEE

1
CUPS

BEVERAGE

twice

.50
COOK

(display counts down heating time)

When heating time ends, a long tone will sound. When you open the door or touch OFF/CANCEL, you will see the time of day.

YOU SEE

STIR

USING YOUR MICROWAVE OVEN

Using PERSONAL CHOICE

PERSONAL CHOICE allows you to recall one cooking instruction previously placed in memory and begin cooking quickly. For example, if you heat a roll every morning, program the cooking steps into PERSONAL CHOICE. You can heat your roll each morning by touching PERSONAL CHOICE.

PERSONAL CHOICE also allows you to program a cooking time and Cook Power for another person to cook at a later time.

NOTE: You can reprogram PERSONAL CHOICE by repeating the instructions below. A power failure will erase your Personal Choice program.

To program PERSONAL CHOICE:

1. Choose PERSONAL CHOICE.

TOUCH

PERSONAL
CHOICE

YOU SEE



TOUCH

PERSONAL
CHOICE

YOU SEE



2. Set cooking time.

Example for 20 seconds:

TOUCH



YOU SEE



3. Set Cook Power.

Example for 50% Cook Power:

TOUCH



YOU SEE



TOUCH



YOU SEE



4. Complete entry.

TOUCH

PERSONAL
CHOICE

YOU SEE



(time of day)

USING YOUR MICROWAVE OVEN

To use PERSONAL CHOICE:

1. Put food in oven and close door.

2. Choose PERSONAL CHOICE.

TOUCH

PERSONAL
CHOICE

YOU SEE

.20

3. Start oven.

The oven will cook according to your preprogrammed instructions.

TOUCH

START
ENTER

YOU SEE

.20
COOK

(display counts down
programmed cooking time)

4. When cooking time ends, a long tone will sound.

YOU SEE

End

Remove food from oven.

YOU SEE

12:00

(time of day)

Using ADD MINUTE

ADD MINUTE lets you cook food for one minute at 100% Cook Power or add an extra minute to your cooking cycle. You can also use it to extend cooking time in multiples of one minute.

NOTES:

- To extend cooking time in multiples of one minute, touch ADD MINUTE repeatedly during cooking.
- You can enter ADD MINUTE only after closing the door, after touching OFF/CANCEL, or during cooking.
- If you touch ADD MINUTE during cooking, the oven will cook at the currently selected Cook Power. If you touch ADD MINUTE after cooking is over, the oven will cook at 100% Cook Power.
- You cannot use ADD MINUTE with POPCORN, BEVERAGE, AUTO COOK, AUTO START, or EASY DEFROST.
- You cannot use ADD MINUTE to start the oven if any program, other than the Minute Timer, is on the Display.

continued on next page

USING YOUR MICROWAVE OVEN

1. Make sure food is in oven.

2. Choose ADD MINUTE.

Example for cooking for one minute:

TOUCH

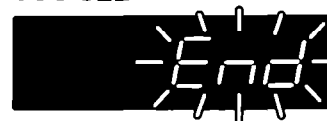


YOU SEE



When the cooking time ends, a long tone will sound.

YOU SEE



Adding or subtracting cook time

If a preset cook time is too long or too short, you can increase or decrease the cook time by 7% after choosing the function.

NOTE: When changing cook time, you must touch COOK POWER within two seconds after the last time you touched the chosen function's command pad (for example, EASY DEFROST). After two seconds, cooking will start for the last cook time entered.

To increase cook time by 7%:

TOUCH



YOU SEE



(example for defrost)

To decrease cook time by 7%:

TOUCH



YOU SEE



a second time

USING YOUR MICROWAVE OVEN

Using PAUSE

PAUSE lets you stop the oven between cooking cycles to stir, turn over food, or add ingredients during the cooking process.

1. Put food in oven and close door.

2. Touch in instructions for first cooking cycle.

(See pages 19-21.)

3. Choose PAUSE.

TOUCH



YOU SEE



4. Touch in instructions for second cooking cycle.

(See pages 19-21.)

5. Start oven.

TOUCH



YOU SEE



(example: display counts down cooking time in first cycle)

6. When first cycle is over, four tones will sound.

Open the door and stir the food.

YOU SEE



7. Close door.

TOUCH



YOU SEE



(example: display counts down cooking time in second cycle)

continued on next page

USING YOUR MICROWAVE OVEN

When the cooking time ends, a long tone will sound. When you open the door or touch OFF/CANCEL, you will see the time of day.

YOU SEE



Using AUTO START

AUTO START lets you program your oven to begin cooking automatically at a time of day you choose. You can preprogram your oven up to 11 hours, 59 minutes in advance.

NOTES:

- If you hear the fan start when you touch START/ENTER, you have not set the oven properly. Touch OFF/CANCEL twice and start over.
- You cannot use AUTO START with ADD MINUTE, EASY DEFROST, POPCORN, or BEVERAGE.
- To check the AUTO START time you set before cooking has started, touch AUTO START/CLOCK. When you lift up on AUTO START/CLOCK, the time of day will reappear on the Display.
- Do not use foods containing baking powder or yeast when using AUTO START. They will not rise properly.

1. Put food in oven and close door.

2. Make sure clock is set to correct time of day.

3. Set start time.

Example for 4:30:

TOUCH

4

3

0

YOU SEE



⚠ WARNING

Food Spoilage Hazard

Do not let most UNFROZEN food stand for more than two hours before cooking starts.

Do not allow food to remain in oven for more than two hours after the end of cooking cycle.

Failure to follow the above could result in sickness.

NOTE: Do not use foods that will spoil while waiting for cooking to start. Such foods are: dishes with milk or eggs, cream soups, and cooked meats or fish. Also, foods containing baking powder or yeast will not rise properly when cooked using auto start.

USING YOUR MICROWAVE OVEN

4. Choose AUTO START.

TOUCH



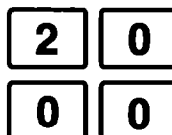
YOU SEE



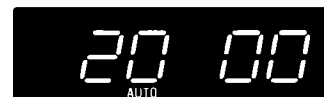
5. Set cooking time.

Example for 20 minutes:

TOUCH



YOU SEE



6. Set Cook Power.

To cook at full (100%) power:

TOUCH



YOU SEE



twice

To cook at a lower Cook Power:

TOUCH



YOU SEE



Example for 50% Cook Power:

TOUCH



YOU SEE



7. Complete entry.

TOUCH



YOU SEE



(time of day)

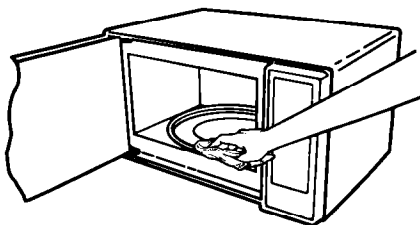
The oven will start cooking at the set start time. When the cooking time ends, a long tone will sound. When you open the door or touch OFF/CANCEL, you will see the time of day.

YOU SEE



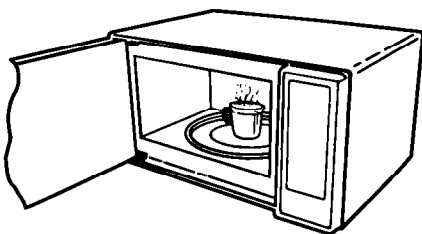
Caring for Your Microwave Oven

To make sure your microwave oven looks good and works well for a long time, you should maintain it properly. For proper care, please follow these instructions carefully.



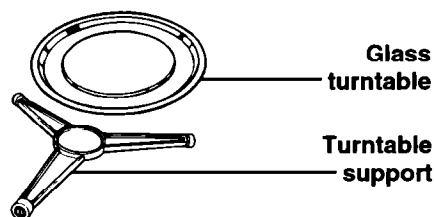
For interior surfaces: Wipe often with warm, sudsy water and a sponge or soft cloth. **Use** only mild, nonabrasive soaps or a mild detergent. **Be sure to keep the areas clean where the door and oven frame touch when closed.** Wipe well with clean water.

For exterior surfaces and control panel: Use a soft cloth with spray glass cleaner. Apply spray glass cleaner to soft cloth; do not spray directly on oven.



For stubborn soil, **boil** a cup of water in the oven for two or three minutes. Steam will soften the soil. To get rid of odors inside the oven, **boil** a cup of water with lemon juice or vinegar.

NOTE: Abrasive cleansers, steel-wool pads, gritty wash cloths, some paper towels, etc., can damage the control panel and the interior and exterior oven surfaces.



To clean turntable and turntable support, wash in mild, sudsy water; for heavily soiled areas **use** a mild cleanser and scouring sponge. The turntable and turntable support are dishwasher-safe.

You can remove the glass turntable to clean the oven cavity floor; however, this oven is designed to operate with the turntable in place. **Do not** operate the microwave oven when turntable is removed for cleaning. See page 7 for further information about the turntable.

Cooking Guide

Reheating chart

Times are approximate and may need to be adjusted to individual taste.

ITEM	STARTING TEMP	TIME/POWER	PROCEDURE
Meat (Chicken pieces, chops, hamburgers, meat loaf slices) 1 serving 2 servings	Refrigerated Refrigerated	1-2 min at 70% 2½-4½ min at 70%	Cover loosely.
Meat Slices (Beef, ham, pork, turkey) 1 or more servings	Room temp Refrigerated	45 sec-1 min per serving at 50% 1-3 min per serving at 50%	Cover with gravy or wax paper. Check after 30 sec per serving.
Stirrable Casseroles and Main Dishes 1 serving 2 servings 4-6 servings	Refrigerated Refrigerated Refrigerated	2-4 min at 100% 4-6 min at 100% 6-8 min at 100%	Cover. Stir after half the time.
Nonstirrable Casseroles and Main Dishes 1 serving 2 servings 4-6 servings	Refrigerated Refrigerated Refrigerated	5-8 min at 50% 9-12 min at 50% 13-16 min at 50%	Cover with wax paper.
Soup, Cream 1 cup 1 can (10¾ oz)	Refrigerated Room temp	3-4½ min at 50% 5-7 min at 50%	Cover. Stir after half the time.
Soup, Clear 1 cup 1 can (10¾ oz)	Refrigerated Room temp	2½-3½ min at 100% 4-5½ min at 100%	Cover. Stir after half the time.
Pizza 1 slice 1 slice 2 slices 2 slices	Room temp Refrigerated Room temp Refrigerated	15-25 sec at 100% 30-40 sec at 100% 30-40 sec at 100% 45-55 sec at 100%	Place on paper towel.
Vegetables 1 serving 2 servings	Refrigerated Refrigerated	¾-1½ min at 100% 1½-2½ min at 100%	Cover. Stir after half the time.
Baked Potato 1 2	Refrigerated Refrigerated	1-2 min at 100% 2-3 min at 100%	Cut potato lengthwise and then several times crosswise. Cover with wax paper.
Breads (Dinner or breakfast roll) 1 roll 2 rolls 4 rolls	Room temp Room temp Room temp	8-12 sec at 100% 11-15 sec at 100% 18-22 sec at 100%	Wrap single roll, bagel, or muffin in paper towel. To reheat several, line plate with paper towel. Cover with another paper towel.
Pie Whole 1 slice	Refrigerated Refrigerated	5-7 min at 70% 30 sec at 100%	

COOKING GUIDE

Microwave cooking chart

Times are approximate and may need to be adjusted to individual taste.

NOTE: See "Using AUTO COOK" on page 22 for instructions on how to cook without entering cooking times or Cook Powers.

MEATS, POULTRY, FISH, SEAFOOD Allow standing time after cooking.			VEGETABLES (continued) Cook at 100% Cook Power.	
FOOD	COOK POWER	TIME	FOOD	TIME
Bacon (per slice)	100%	45 sec to 1 min 15 sec per slice	Cauliflower (medium head)	6-9 min
Ground Beef for Casse- roles (1 lb)	100%	4-6 min	Corn on the Cob (2) (4)	4-9 min 6-16 min
Hamburger Patties (2)	100%	1st side 2 min 2nd side 1½ to 2½ min	Potatoes, Baked (4 medium)	13-19 min
Hamburger Patties (4)	100%	1st side 2½ min 2nd side 2-3 min	Squash, Summer (1 lb)	3-8 min
Meat Loaf (1½ lbs)	100%	13-19 min	OTHER	
Chicken Pieces	100%	6-9 min/lb	FOOD	COOK POWER TIME
Internal temperature should be 185°F after standing.			Applesauce (4 servings)	100% 7-10 min
Turkey Breast <i>then</i>	100% 70%	5 min 8-12 min/lb	Baked Apples (4)	100% 4-6 min
Internal temperature should be 185°F after standing.			Chocolate (melt 1 square)	50% 1-2 min
Fish Fillets (1 lb)	100%	5-6 min	Eggs, Scrambled (2)	100% 1 min 15 sec to 1 min 45 sec
Scallops and Shrimp (1 lb)	100%	3½-5½ min	(4)	2-3 min
VEGETABLES Cook at 100% Cook Power.			Hot Cereals (1 serving) (4 servings)	100% 1½-5 min 4½-7 min
FOOD	TIME		Nachos (large plate)	50% 1½-2½ min
Beans, Green or Yellow (1 lb)	6-12 min		Water for Beverage (1 cup) (2 cups)	100% 2½-4 min 4½-6 min
Broccoli (1 lb)	6-10 min			
Carrots (1 lb)	8-12 min			

Cooking tips

Amount of food

- **The more food** you prepare, the longer it takes. A rule of thumb is that a double amount of food requires almost double the time. If one potato takes four minutes to cook, you need about seven minutes to cook two potatoes.

Starting temperature of food

- **The lower the temperature** of the food being put into the microwave oven, the longer it takes to cook. Food at room temperature will be reheated more quickly than food at refrigerator temperature.

Composition of food

- **Food with a lot of fat and sugar** will be heated faster than food containing a lot of water. Fat and sugar will also reach a higher temperature than water in the cooking process.
- **The more dense the food**, the longer it takes to heat. "Very dense" food like meat takes longer to reheat than lighter, more porous food like sponge cakes.

Size and shape

- **Smaller pieces of food** will cook faster than larger pieces and same-shaped pieces of food cook more evenly than irregularly shaped foods.
- **With unevenly shaped foods**, the thinner parts will cook faster than the thicker areas. **Place** the thinner parts of chicken wings and legs in the center of the dish.

Stirring, turning foods

- **Stirring and turning foods** distributes heat quickly to the center of the dish and avoids overcooking at the outer edges of the food.

Covering food

Cover food to:

- **Reduce** splattering
- **Shorten** cooking times
- **Retain** food moisture

All coverings that allow microwaves to pass through are suitable.

Releasing pressure in foods

- **Several foods** (for example: baked potatoes, sausages, egg yolks, and some fruits) are tightly covered by a skin or membrane. This can cause the food to burst from steam building up in them during cooking. To relieve the pressure and to prevent bursting, **prick** these foods before cooking with a fork, cocktail pick or toothpick.

Using standing time

- **Always allow food to stand** for a while after cooking. Standing time after defrosting, cooking, or reheating always improves the result since the temperature will then be evenly distributed throughout the food.
- **The length of the standing time** depends on the volume and density of the food. Sometimes it can be as short as the time it takes you to remove the food from the oven and take it to the serving table. However, with larger, denser food, the standing time may be as long as 10 minutes.

COOKING GUIDE

Arranging food

For best results, distribute food evenly on the plate. You can do this in several ways:

- **If you are cooking several items of the same food**, such as baked potatoes, **place** them in a ring pattern for uniform cooking.
- **When cooking foods of uneven shapes or thickness**, **place** the smaller or thinner area of the food towards the center of the dish where it will be heated last.
- **Arrange uneven foods**, such as chicken breasts, with the thicker part to the outer edge.
- **If you are saving a meal in the refrigerator** or "plating" a meal for reheating, **arrange** the thicker, denser foods to the outside of the plate and the thinner or less dense foods in the middle.
- **Place thin slices of meat** on top of each other or interlace them.
- **Place thicker slices of meat**, such as meat loaf and sausages, close to each other.
- **Reheat gravy or sauce** in a separate container.
- **When you cook or reheat whole fish**, **score** the skin – this prevents cracking.
- **Shield the tail and head of whole fish** with small pieces of foil to prevent overcooking and ensure the foil does not touch the sides of the oven.
- **Do not** let food or container touch the top or sides of the oven. This will prevent possible arcing.

Using aluminum foil

Metal containers should not be used in a microwave oven. There are, however, some exceptions. If you have purchased food which is prepackaged in an aluminum foil container, then refer to the instructions on the package. When using aluminum foil containers, cooking times may be longer because microwaves will only penetrate the top of the food. If you use aluminum containers

without package instructions, follow these guidelines:

- **Place** container in a glass bowl and add some water so that it covers the bottom of the container, not more than ¼" high. This ensures even heating of the container bottom.
- **Always remove** the lid to avoid damage to the oven.
- **Use only** undamaged containers.
- **Do not use** containers taller than ¾".
- **Container must be** half filled.
- **To avoid arcing**, there must be a minimum ¼" between the aluminum container and the walls of the oven and also between two aluminum containers.
- **Always place** container on turntable.
- **Reheating food** in aluminum foil containers usually takes up to double the time compared to reheating in plastic, glass, china, or paper containers. The time when food is ready will vary a great deal.
- **Let food stand** for two to three minutes after heating so that heat is spread evenly throughout container.

Cooking you should not do in your microwave oven

- **Do not** do canning of foods in the oven. Closed glass jars may explode, resulting in damage to the oven or possible personal injury.
- **Do not** use the microwave oven to sterilize objects (baby bottles, etc.). It is difficult to maintain the high temperature required for safe sterilization.

Questions and Answers

QUESTIONS	ANSWERS
Can I operate my microwave oven without the turntable or turn the turntable over to accommodate a large dish?	No. If you remove or turn over the turntable, you will get poor cooking results. Dishes used in your oven must fit on the turntable.
Can I use a rack in my microwave oven so that I may reheat or cook on two levels at a time?	You can use a rack only if rack is supplied with your microwave oven. Use of any rack not supplied with the microwave oven can result in poor cooking performance and/or arcing.
Can I use either metal or aluminum pans in my microwave oven?	Useable metal includes aluminum foil for shielding (use small, flat pieces), small skewers and shallow foil trays (if tray is $\frac{3}{4}$ inch deep and filled with food to absorb microwave energy). Never allow metal to touch walls or door. (For more information, see page 42.)
Is it normal for the turntable to turn in either direction?	Yes. The turntable rotates clockwise or counterclockwise, depending on the rotation of the motor when the cooking cycle begins.
Sometimes the door of my microwave oven appears wavy. Is this normal?	This appearance is normal and does not affect the operation of your oven.
What are the humming noises that I hear when my microwave oven is operating?	You hear the sound of the transformer when the magnetron tube cycles on.
Why does the dish become hot when I microwave food in it? I thought that this should not happen.	As the food becomes hot it will conduct the heat to the dish. Be prepared to use hot pads to remove food after cooking.
What does "standing time" mean?	"Standing time" means that food should be removed from the oven and covered for additional time to allow it to finish cooking. This frees the oven for other cooking.
Can I pop popcorn in my microwave oven? How do I get the best results?	Yes. Pop packaged microwave popcorn following manufacturer's guidelines or use the preprogrammed Popcorn pad. Do not use regular paper bags. Use the "listening test" by stopping the oven as soon as the popping slows to a "pop" every one or two seconds. Do not repop unpopped kernels. You can also use special microwave poppers. When using a popper, be sure to follow manufacturer's directions. Do not pop popcorn in glass utensils.

If You Need Assistance or Service

This section is designed to help you save the cost of a service call. Part 1 of this section outlines possible problems, their causes, and actions you can take to solve each problem. Parts 2 and 3 tell you what to do if you still need assistance or service. When calling our Consumer Assistance Center for help or calling for service, please provide a detailed description of the problem, your appliance's complete model and serial numbers, and the purchase date. (See page 2.) This information will help us respond properly to your request.

1. Before calling for assistance ...

Performance problems often result from little things you can find and fix without tools of any kind. Please check the chart below for problems you can fix. It could save you the cost of a service call.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Nothing will operate	The power supply cord is not plugged into a live circuit with the proper voltage. A household fuse has blown or a circuit breaker has tripped. The electric company has experienced a power failure.	Plug power supply cord into a live circuit with the proper voltage. (See pages 7 and 9.) Replace household fuse or reset circuit breaker. Check electric company for a power failure.
The microwave oven will not run	You are using the oven as a timer. The door is not firmly closed and latched. You did not touch START/ENTER. You did not follow directions exactly. An operation that was programmed earlier is still running.	Touch OFF/CANCEL to cancel the Minute Timer. Firmly close and latch door. Touch START/ENTER. Check instructions for the function you are operating. Touch OFF/CANCEL to cancel previous programming.
Turntable will not turn	Turntable is not correctly in place. Support is not operating correctly.	Make sure turntable is correct-side up and is sitting securely on center shaft. Remove turntable and restart oven. If turntable support does not move, call an authorized Whirlpool service technician for repair. Cooking without the turntable can give you poor results.

IF YOU NEED ASSISTANCE OR SERVICE

PROBLEM	POSSIBLE CAUSE	SOLUTION
Microwave cooking times seem too long	The electric supply to your home or wall outlets is low or lower than normal. The Cook Power is not at the recommended setting. Larger amounts of food need longer cooking times.	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. Check "Microwave cooking chart" on page 40. Allow for more time when cooking larger amounts of food.
The Display shows a time counting down but the oven is not cooking	You have set the controls as a kitchen timer.	Touch OFF/CANCEL to cancel the Minute Timer.
You do not hear the Programming Tone	The command is not correct.	Re-enter command.
The fan seems to be running slower than usual	The oven has been stored in a cold area.	The fan will run slower until the oven warms up to normal room temperature.
The Display is flashing "88:88"	There has been a power interruption.	Reset the clock. (See page 16.)

IF YOU NEED ASSISTANCE OR SERVICE

2. If you need assistance ...

Call the Whirlpool Consumer Assistance Center telephone number. Dial toll-free from anywhere in the U.S.A.:

1-800-253-1301

and talk with one of our trained consultants. The consultant 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.

If you prefer, write to:

Mr. William Clark
Consumer Assistance Representative
Whirlpool Corporation
2000 North M-63
Benton Harbor, MI 49022-2692

Please include a daytime phone number in your correspondence.

3. If you need service ...



Whirlpool has a nationwide network of authorized Whirlpool service companies.

Whirlpool service technicians are trained to fulfill the product warranty and provide after-warranty service, anywhere in the United States. To locate the authorized Whirlpool service company in your area, call our Consumer Assistance Center telephone number (see Step 2) or look in your telephone directory Yellow Pages under:

• **APPLIANCE-HOUSEHOLD-
MAJOR, SERVICE & REPAIR**

- See: Whirlpool Appliances or
Authorized Whirlpool Service
(Example: XYZ Service Co.)

• **WASHING MACHINES &
DRYERS, SERVICE & REPAIR**

- See: Whirlpool Appliances or
Authorized Whirlpool Service
(Example: XYZ Service Co.)

4. If you are not satisfied with how the problem was solved ...

- Contact the Major Appliance Consumer Action Program (MACAP). MACAP is a group of independent consumer experts that voices consumer views at the highest levels of the major appliance industry.
- Contact MACAP only when the dealer, authorized servicer, and Whirlpool have failed to resolve your problem.

Major Appliance Consumer Action Program
20 North Wacker Drive
Chicago, IL 60606

- MACAP will in turn inform us of your action.

WHIRLPOOL®

Microwave Oven 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 an authorized Whirlpool 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 your microwave oven. 2. Instruct you how to use your microwave oven. 3. Replace house fuses or correct house wiring. 4. Replace owner-accessible light bulbs. B. Repairs when your microwave oven is used in other than normal, single-family household use. C. Pickup and delivery. Your microwave oven is designed to be repaired in the home. D. Damage to your microwave oven caused by accident, misuse, fire, flood, acts of God, or use of products not approved by Whirlpool. E. Any labor costs during limited warranty. F. Repairs to parts or systems caused by unauthorized modifications made to the appliance.	

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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 exclusion or limitation 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 authorized Whirlpool distributor or military exchange.

If you need service, first see the "If You Need Assistance or Service" section of this book. After checking "If You Need Assistance or Service," additional help can be found by calling our Consumer Assistance Center telephone number, **1-800-253-1301**, from anywhere in the U.S.A.