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# SHARP®

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## Carousel MICROWAVE OVEN

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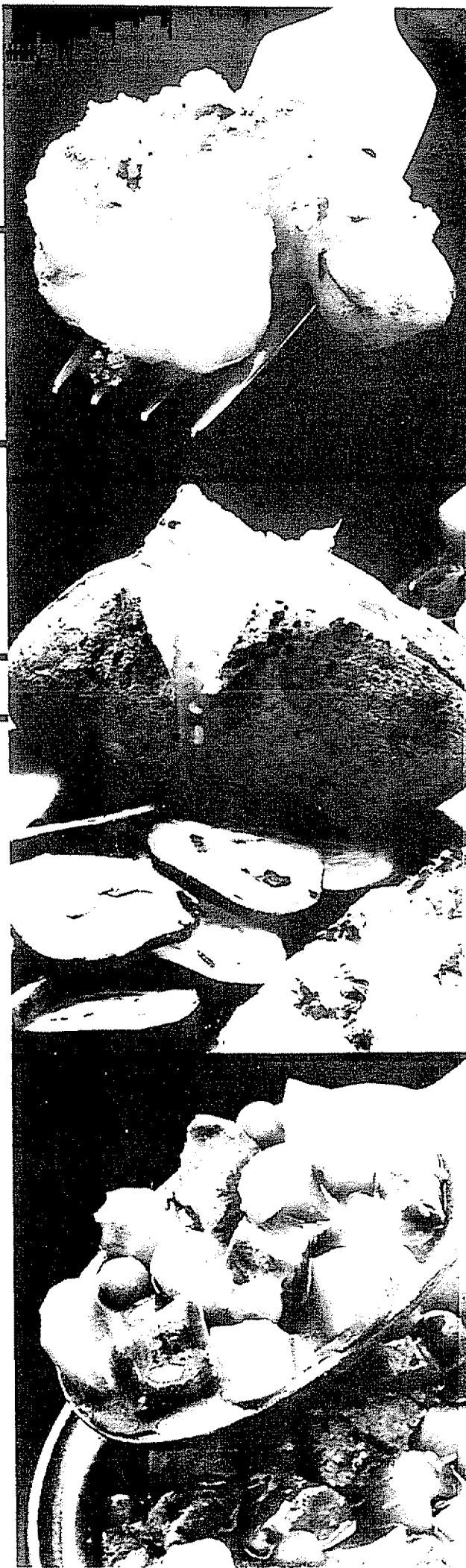
### OPERATION MANUAL

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#### MODELS

R-4A38	R-5A38
R-4A48	R-5A58
R-4A58	R-5W38
R-4A78	
R-4W38	

Read all instructions carefully before using your oven



## PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

- (a) 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.
- (b) Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
- (c) 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.
- (d) The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

## FOR CUSTOMER ASSISTANCE

To aid in reporting this microwave oven in case of loss or theft, please record below the model number and serial number located on the unit. We also suggest you record all the information listed and retain for future reference.

MODEL NUMBER \_\_\_\_\_ SERIAL NUMBER \_\_\_\_\_  
DATE OF PURCHASE \_\_\_\_\_  
Dealer \_\_\_\_\_ Telephone \_\_\_\_\_  
Servicer \_\_\_\_\_ Telephone \_\_\_\_\_

TO PHONE,

DIAL 1-800-BE-SHARP (1-800-237-4277) FOR:  
SERVICE  
(for your nearest Sharp Authorized Servicer)  
PARTS  
(for your authorized parts distributor)  
ACCESSORIES  
ADDITIONAL CUSTOMER INFORMATION

DIAL 201-529-8703 FOR:  
COOKING ASSISTANCE

TO WRITE:

For cooking and operation questions:

Susan Edwards/Test Kitchen  
Sharp Electronics Corporation  
Sharp Plaza, Box 650  
Mahwah, NJ 07430-2135

For service problems, warranty information, missing items and other assistance:

Sharp Electronics Corporation  
Customer Assistance Center  
1300 Naperville Drive  
Romeoville, IL 60446-1091

Please provide the following information when you write or call: model number, serial number, date of purchase, your complete mailing address (including zip code), your daytime telephone number (including area code) and description of the problem.

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# LIMITED WARRANTY

SHARP ELECTRONICS CORPORATION warrants to the first consumer purchaser that this Sharp brand product (the "Product"), when shipped in its original container, will be free from defective workmanship and materials and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof at no charge to the purchaser for parts or labor for the time period(s) set forth below.

This warranty does not apply to any appearance items of the Product nor to the additional excluded item(s) set forth below nor to any Product the exterior of which has been damaged or defaced, which has been subjected to misuse, abnormal service or handling or which has been altered or modified in design or construction.

In order to enforce the rights under this limited warranty, the purchaser should follow the steps set forth below and provide proof of purchase to the servicer.

The limited warranty described above is in addition to whatever implied warranties may be granted to purchasers by law. ALL IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO THE PERIOD(S) FROM THE DATE OF PURCHASE SET FORTH BELOW. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Neither the sales personnel of the seller nor any other person is authorized to make any warranties other than those described above or to extend the duration of any warranties beyond the time period described above on behalf of Sharp.

The warranties described above shall be the sole and exclusive warranties granted by Sharp and shall be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of Sharp to the purchaser with respect to the Product and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. In no event shall Sharp be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than an authorized servicer. Nor shall Sharp be liable, or in any way responsible, for any incidental or consequential economic or property damage. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

THE WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE

Your Product model number: R-4A38/48/58/78 R-4W38, R-5A38/58 and R-5W38 Home Use Carousel Microwave Oven. (Be sure to have this information available when you need service for your Product )

Warranty period for this Product: one (1) year parts and labor. The warranty period continues for an additional four (4) years, for a total of five (5) years, with respect to the magnetron tube in the Product for parts only. Labor is not provided free of charge for this additional period.

Additional items excluded from warranty coverage: accessories, rubber or plastic parts, the turntable, light bulbs, glass parts or any printed materials.

Where to obtain service: at a Sharp Authorized Servicer or Sharp Authorized Service Dealer located in the United States. To find out the location of the nearest Sharp Authorized Servicer or Dealer, call Sharp toll free at 1-800-BE-SHARP (1-800-237-4277).

What to do to obtain service: ship (prepaid) or carry in your Product to a Sharp Authorized Servicer or Dealer. Be sure to have proof of purchase available. If you ship or mail the Product, be sure it is packaged carefully

# PRODUCT INFORMATION CARD

The product information card which is on the inside of the microwave oven carton should be completed within ten days of purchase and returned. We will keep it on file and help you access the information in case of loss, damage or theft. This will also enable us to contact you in the unlikely event that any adjustments or modifications are ever required for your oven

# IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances basic safety precautions should be followed, including the following:

**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 the appliance.
2. Read and follow the specific **“PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY”** on inside front cover.
3. This appliance must be grounded. Connect only to properly grounded outlet. See **“GROUNDING INSTRUCTIONS”** on page 4.
4. Install or locate this appliance only in accordance with the provided installation instructions.
5. Some products such as whole eggs and sealed containers -- for example, closed glass jars -- may explode and should not be heated in this oven.
6. Use this appliance only for its intended use as described in this manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook or dry food. It is not designed for industrial or laboratory use.
7. As with any appliance, close supervision is necessary when used by children.
8. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly or if it has been damaged or dropped.
9. This appliance should be serviced only by qualified service personnel. Contact nearest Sharp Authorized Servicer or Dealer for examination, repair or adjustment.
10. Do not cover or block any openings on the appliance.
11. 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.
12. Do not immerse cord or plug in water.
13. Keep cord away from heated surfaces.
14. Do not let cord hang over edge of table or counter.
15. See door surface cleaning instructions on page 18.
16. To reduce the risk of fire in the oven cavity:
  - a. Do not overcook food. Carefully attend appliance if paper, plastic or other combustible materials are placed inside the oven to facilitate cooking.
  - b. Remove wire twist-ties from paper or plastic bags before placing bag in oven.
  - 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.**
  - d. Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils or food in the cavity when not in use.
17. If the oven is installed as a built-in, observe the following instructions:
  - a. Do not operate any heating or cooking appliance beneath this appliance
  - b. Do not mount unit over or near any portion of a heating or cooking appliance.
  - c. Do not mount over a sink.
  - d. Do not store anything directly on top of the appliance surface when the appliance is in operation.

## SAVE THESE INSTRUCTIONS

# UNPACKING AND INSTALLATION INSTRUCTIONS

## Unpacking and Examining Your Oven

Remove:

1. all packing materials from inside the oven cavity. Read enclosures and SAVE the Operation Manual.
2. the feature sticker from the outside of the door, if there is one.

Check the oven for any damage, such as misaligned or bent door, damaged door seals and sealing surfaces, broken or loose door hinges and latches and dents inside the cavity or on the door. If there is any damage, do not operate the oven and contact your dealer or SHARP AUTHORIZED SERVICER.

## Choosing a Location for Your Oven

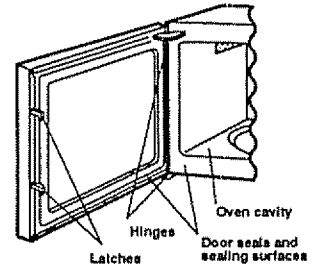
You will use the oven frequently so plan its location for ease of use. It's wise, if possible, to have counter space on at least one side of the oven. Allow at least 2 inches on the sides, top and at the rear of the oven for air circulation.

Do not place or install the oven in any area where heat and steam are generated; for example, next to or above a conventional gas or electric range or above a conventional wall oven. Heat and steam may damage the electronics or the mechanical parts of the oven.

## Built-In Kit

Your oven can be built into a cabinet or wall--not near or above a heat source--using Sharp's Built-In Kit RK-42 for the R-4W38, R-4A38/58/78; the RK-42W for the R-4A48; the RK-81 for the R-5A38/58 and R-5W38. If your dealer does not stock the kit, it can be ordered directly from the Sharp Accessories and Supplies Center. Have your credit card number available and call toll-free: 1-800-BE-SHARP (1-800-237-4277) for ordering the kit to be sent to your address.

The kit includes ducts and finish trim strips and easy-to-follow instructions for installation as well as the location of the power supply.



# GROUNDING INSTRUCTIONS

This appliance must be grounded. This oven is equipped with a cord having a grounding wire with a grounding plug. It must be plugged into a wall receptacle that is properly installed and grounded in accordance with the National Electrical Code and local codes and ordinances. In the event of an electrical short circuit, grounding reduces risk of electric shock by providing an escape wire for the electric current.

**WARNING** – Improper use of the grounding plug can result in a risk of electric shock.

## Electrical Requirements

The electrical requirements are a 120 volt 60 Hz, AC only, 15 amp. or more protected electrical supply. It is recommended that a separate circuit serving only the oven be provided.

The oven is equipped with a 3-prong grounding plug. It must be plugged into a wall receptacle that is properly installed and grounded. Should you only have a 2-prong outlet, have a qualified electrician install a correct wall receptacle.

A 3-prong adapter may be purchased and used temporarily if local codes allow. Follow package directions.

A short power-supply cord is provided to reduce risk of becoming entangled in or tripping over a longer cord.

## Extension Cord

If it is necessary to use an extension cord, use only a 3-wire extension cord that has a 3-blade grounding plug and a 3-slot receptacle that will accept the plug on the microwave oven. The marked rating of the extension cord should be AC 115-120 volt, 15 amp. or more.

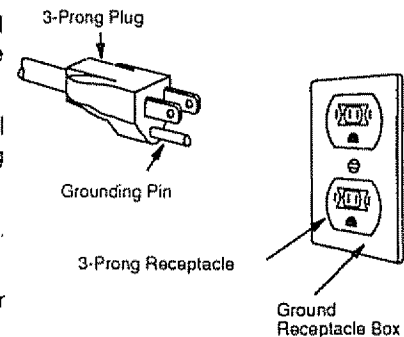
Be careful not to drape the cord over the countertop or table where it can be pulled on by children or tripped over accidentally.

Note:

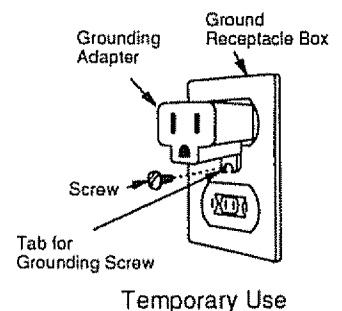
1. If you have any questions about the grounding or electrical instructions, consult a qualified electrician or service person.
2. Neither Sharp nor the dealer can accept any liability for damage to the oven or personal injury resulting from failure to observe the correct electrical connection procedures.

## Radio or TV Interference

Should there be any interference caused by the microwave oven to your radio or TV, check that the microwave oven is on a different electrical circuit, relocate the radio or TV as far away from the oven as feasible or check position and signal of receiving antenna.



## Permanent and Correct Installation



# INFORMATION YOU NEED TO KNOW

## ...About Your Oven

This Operation Manual is valuable: read it carefully and always save it for reference.

A good microwave cookbook is a valuable asset. Check it for microwave cooking principles, techniques, hints and recipes. See the order form on page 23-24 for ordering the Ultimate Accessory, the SHARP CAROUSEL MICROWAVE COOKBOOK.

**NEVER** use the oven without the turntable and support nor turn the turntable over so that a large dish could be placed in the oven. The turntable will turn both clockwise and counterclockwise.

**ALWAYS** have food in the oven when it is on to absorb the microwave energy.

When using the oven at power levels below 100%, you may hear the magnetron cycling on and off.

Condensation is a normal part of microwave cooking. Room humidity and the moisture in food will influence the amount of moisture that condenses in the oven. Generally, covered foods will not cause as much condensation as uncovered ones. Vents on the oven back must not be blocked.

The oven is for food preparation only. It should not be used to dry clothes or newspapers.

Ovens with a model number beginning with 4 are 1000 watts and models beginning with 5 are 950 watts. In using recipes or package directions, check food at the minimum time and add time accordingly.

## ...About Food

FOOD	DO	DON'T
Eggs, sausages, fruits & vegetables	<ul style="list-style-type: none"> <li>* Puncture egg yolks before cooking to prevent "explosion".</li> <li>* Pierce skins of potatoes, apples, squash, hot dogs and sausages so that steam escapes.</li> </ul>	<ul style="list-style-type: none"> <li>* Cook eggs in shells.</li> <li>* Reheat whole eggs.</li> </ul>
Popcorn	<ul style="list-style-type: none"> <li>* Use specially bagged popcorn for the microwave oven.</li> <li>* Listen while popping corn for the popping to slow to 1 or 2 seconds or use special POPCORN pad.</li> </ul>	<ul style="list-style-type: none"> <li>* Pop popcorn in regular brown bags or glass bowls.</li> <li>* Exceed maximum time on popcorn package.</li> </ul>
Baby food	<ul style="list-style-type: none"> <li>* Transfer baby food to small dish and heat carefully, stirring often. Check temperature before serving.</li> <li>* Put nipples on bottles after heating and shake thoroughly. "Wrist" test before feeding.</li> </ul>	<ul style="list-style-type: none"> <li>* Heat disposable bottles.</li> <li>* Heat bottles with nipples on.</li> <li>* Heat baby food in original jars.</li> </ul>
General	<ul style="list-style-type: none"> <li>* Cut baked goods with filling after heating to release steam and avoid burns.</li> <li>* Stir liquid briskly before and after heating to avoid "eruption".</li> <li>* Use deep bowl, when cooking liquid or cereal, to prevent boilovers.</li> </ul>	<ul style="list-style-type: none"> <li>* Heat or cook in closed glass jars or air tight containers.</li> <li>* Can in the microwave as harmful bacteria may not be destroyed.</li> <li>* Deep fat fry.</li> <li>* Dry wood, gourds, herbs or wet papers.</li> </ul>

# INFORMATION YOU NEED TO KNOW

## ...About Utensils and Coverings

It is not necessary to buy all new cookware. Many pieces already in your kitchen can be used successfully in your new microwave.

Use these utensils for safe microwave cooking and reheating:

- \* glass ceramic (Pyroceram<sup>®</sup>), such as Corningware<sup>®</sup>.
- \* heat-resistant glass (Pyrex<sup>®</sup>)
- \* microwave-safe plastics
- \* paper plates
- \* microwave-safe pottery, stoneware and porcelain
- \* browning dish (Do not exceed recommended preheating time. Follow manufacturer's directions.)

These items can be used for short time reheating of foods that have little fat or sugar in them:

- \* wood, straw, wicker

### DO NOT USE

- \* metal pans and bakeware
- \* dishes with metallic trim
- \* non-heat-resistant glass
- \* non-microwave-safe plastics (margarine tubs)
- \* recycled paper products
- \* brown paper bags
- \* food storage bags
- \* metal twist-ties

Should you have questions about utensils or covering, check a good microwave cookbook or follow recipe suggestions.

### ACCESSORIES

There are many microwave accessories available for purchase. Evaluate carefully before you purchase so that they meet your needs. A microwave-safe thermometer will assist you in determining correct doneness and assure you that foods have been cooked to safe temperatures. Sharp is not responsible for any damage to the oven when accessories are used.

Should you wish to check if a dish is safe for microwaving, place the empty dish in the oven and microwave on HIGH for 30 seconds. A dish which becomes very hot should not be used.

The following coverings are ideal:

- \* Paper towels are good for covering foods for reheating and absorbing fat while cooking bacon.
- \* Wax paper can be used for cooking and reheating.
- \* Plastic wrap that is specially marked for microwave use can be used for cooking and reheating. DO NOT allow plastic wrap to touch food. Vent so steam can escape.
- \* Lids that are microwave-safe are a good choice because heat is kept near the food to hasten cooking.
- \* Oven cooking bags are good for large meats or foods that need tenderizing. DO NOT use metal twist ties. Remember to slit bag so steam can escape.

How to use aluminum foil in your microwave oven:

- \* Small flat pieces of aluminum foil placed smoothly on the food can be used to shield areas that are either defrosting or cooking too quickly.
- \* Foil should not come closer than one inch to any surface of the oven.

## ...About Children and the Microwave

- \* Children below the age of 7 should use the microwave with a supervising person very near to them. Between the ages of 7 and 12, the supervising person should be in the same room.
- \* The child must be able to reach the oven comfortably; if not, he/she should stand on a sturdy stool.
- \* At no time should anyone be allowed to lean or swing on the oven door.

- \* Children should be taught all safety precautions: use potholders, remove coverings carefully, pay special attention to packages that crisp food because they may be extra hot.
- \* Don't assume that because a child has mastered one cooking skill he/she can cook everything.
- \* Children need to learn that the microwave oven is not a toy.



# INFORMATION YOU NEED TO KNOW

## ...About Microwave Cooking

- \* Arrange food carefully. Place thickest areas towards outside of dish.
- \* Watch cooking time. Cook for the shortest amount of time indicated and add more as needed. Food severely overcooked can smoke or ignite.
- \* Cover foods while cooking. Check recipe or cookbook for suggestions: paper towels, wax paper, microwave plastic wrap or a lid. Covers prevent spattering and help foods to cook evenly.
- \* Shield with small flat pieces of aluminum foil any thin areas of meat or poultry to prevent overcooking before dense, thick areas are cooked thoroughly.
- \* Stir foods from outside to center of dish once or twice during cooking, if possible.
- \* Turn foods over once during microwaving to speed cooking of such foods as chicken and hamburgers. Large items like roasts must be turned over at least once.
- \* Rearrange foods like meatballs halfway through cooking both from top to bottom and from the center of the dish to the outside.
- \* Add standing time. Remove food from oven and stir, if possible. Cover for standing time which allows the food to finish cooking without overcooking.
- \* Check for doneness. Look for signs indicating that cooking temperatures have been reached. Doneness signs include:
  - \* Food steams throughout, not just at edge.
  - \* Center bottom of dish is very hot to the touch.
  - \* Poultry thigh joints move easily.
  - \* Meat and poultry show no pinkness.
  - \* Fish is opaque and flakes easily with a fork.

## ...About Safety

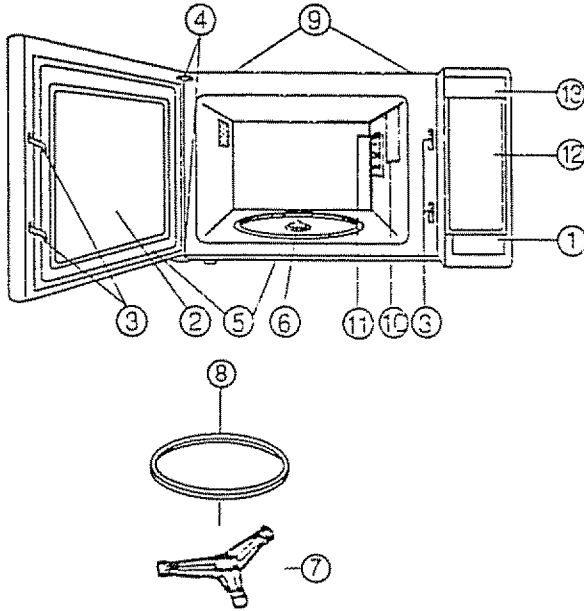
- \* Check foods to see that they are cooked to the United States Department of Agriculture's recommended temperatures.

TEMP	FOOD
160°F	...for fresh pork, ground meat, boneless white poultry, fish, seafood, egg dishes and frozen prepared food.
165°F	...for leftover, ready-to-reheat refrigerated and deli and carry-out "fresh" food.
170°F	...white meat of poultry.
180°F	...dark meat of poultry.

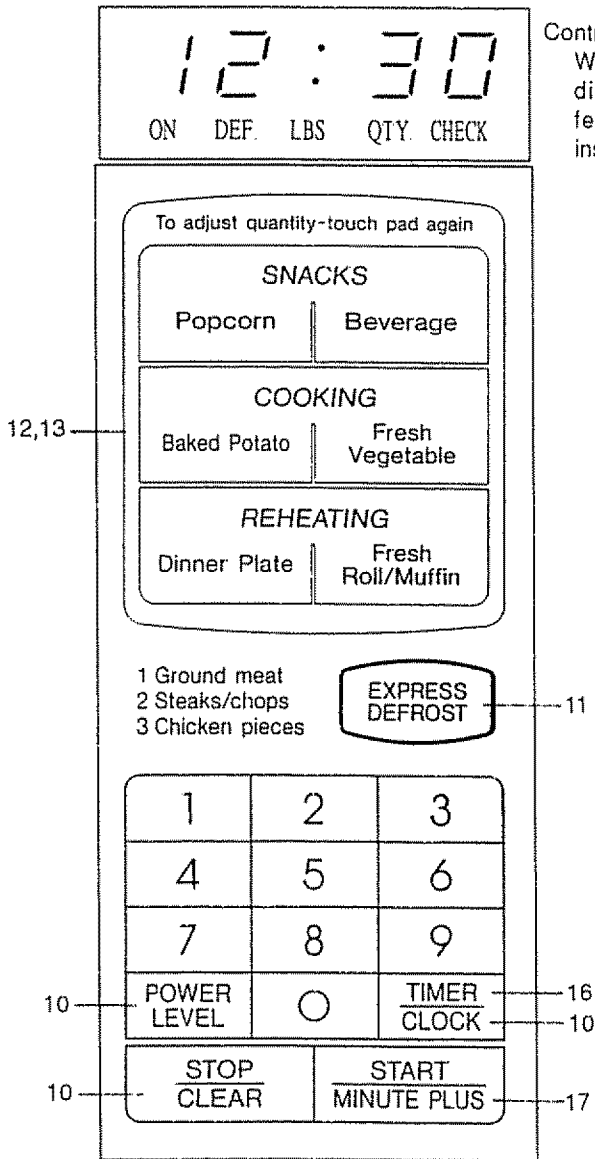
To test for doneness, insert a meat thermometer in a thick or dense area away from fat or bone. Never leave the thermometer in the food during cooking, unless it is approved for microwave oven use.

- \* ALWAYS use potholders to prevent burns when handling utensils that are in contact with hot food. Enough heat from the food can transfer through utensils to cause skin burns.
- \* Avoid steam burns by directing steam away from the face and hands. Slowly lift the farthest edge of a dish's covering and carefully open popcorn and oven cooking bags away from the face.
- \* Stay near the oven while it's in use and check cooking progress frequently so that there is no chance of overcooking food.
- \* NEVER use the cavity for storing cookbooks or other items.
- \* Select, store and handle food carefully to preserve its high quality and minimize the spread of foodborne bacteria.
- \* Keep wave guide cover clean. Food residue can cause arcing and/or fires.

# PART NAMES

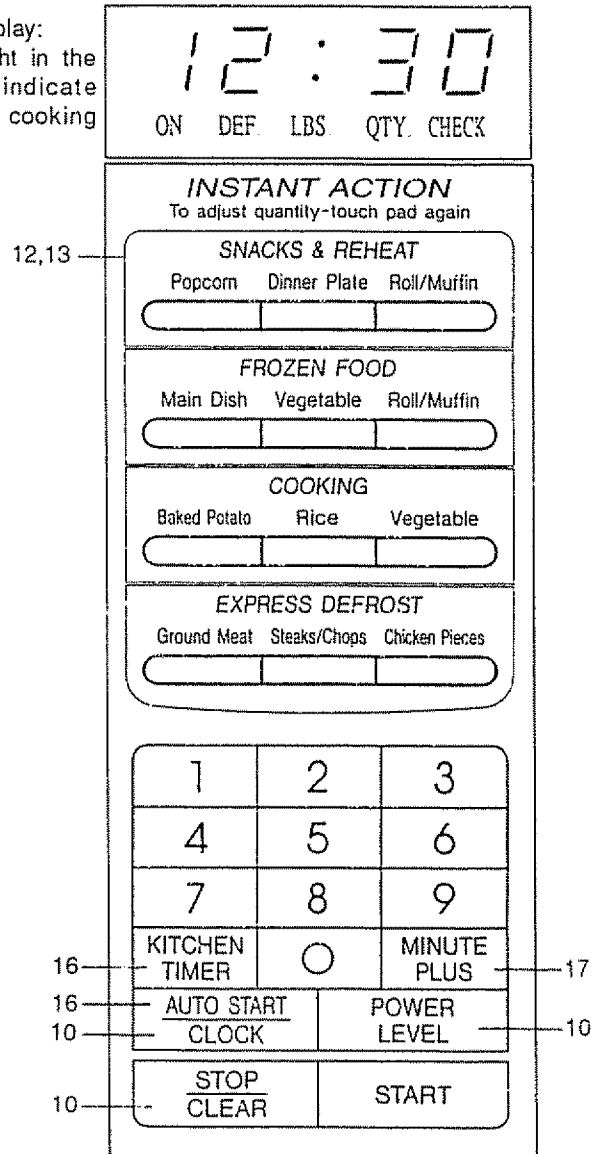


1. One touch door open button  
Push to open door.
2. Oven door with see-through window
3. Safety door latches  
The oven will not operate unless the door is securely closed.
4. Door hinges
5. Door seals and sealing surfaces
6. Turntable motor shaft
7. Removable turntable support  
Place on indented area of oven floor.
8. Removable turntable  
Place the turntable on the turntable motor shaft and turntable support securely. The turntable will rotate clockwise or counterclockwise. Only remove for cleaning.
9. Ventilation openings (rear)
10. Oven light  
It will light when oven is operating or door is open.
11. Wave guide cover  
The wave guide cover is positioned on ceiling of oven for models R-5A38/58
12. Auto-Touch control panel
13. Time display: Digital display, 99 minutes 99 seconds



R-4A38/48/5A38

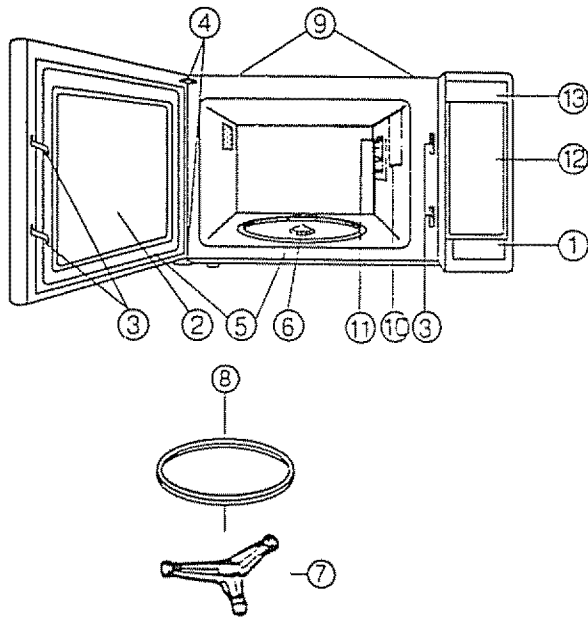
Control panel display:  
Words will light in the display to indicate features and cooking instructions.



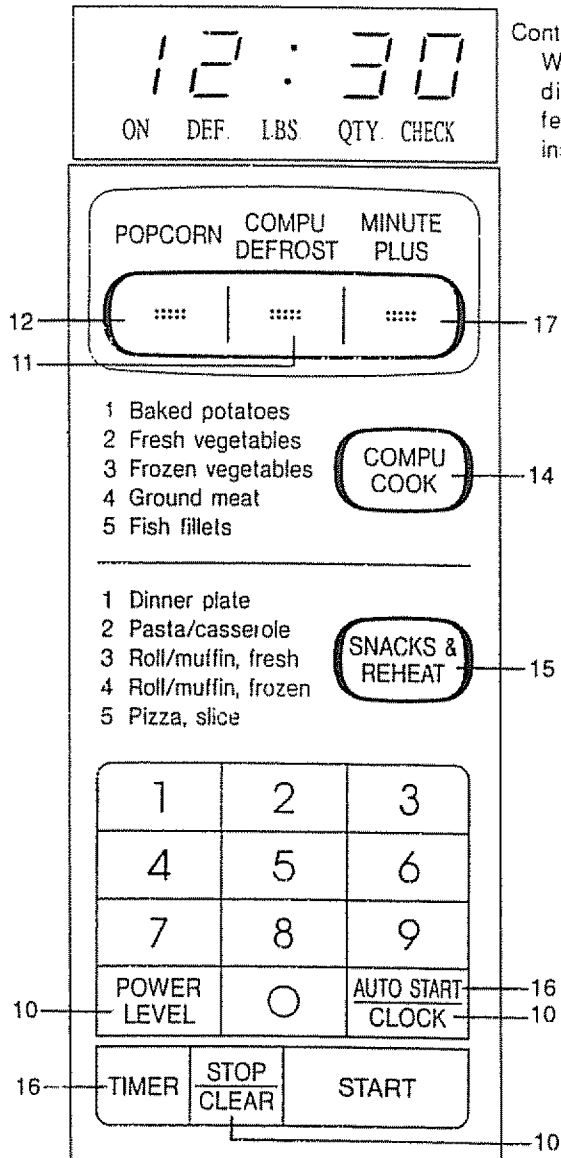
R-4A58/R-5A58

Numbers indicates page on which there are a feature description and usage information.

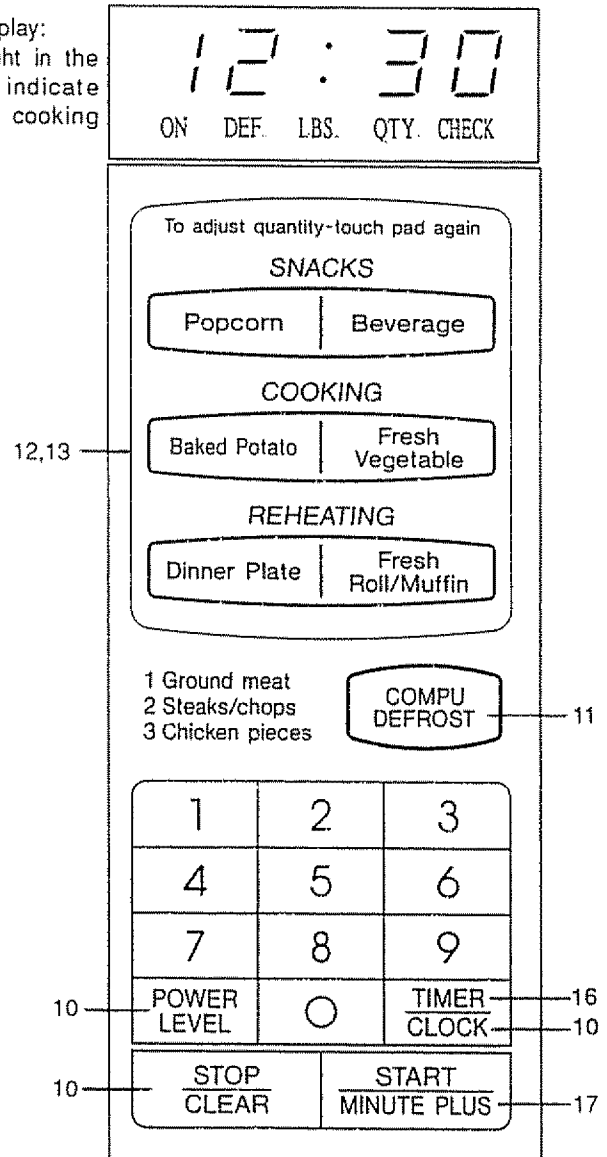
# PART NAMES



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Place on indented area of oven floor.
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Place the turntable on the turntable motor shaft and turntable support securely. The turntable will rotate clockwise or counterclockwise. Only remove for cleaning.
9. Ventilation openings (rear)
10. Oven light  
It will light when oven is operating or door is open.
11. Wave guide cover  
The wave guide cover is positioned on ceiling of oven for model R-5W38
12. Auto-Touch control panel
13. Time display: Digital display, 99 minutes 99 seconds



Control panel display:  
Words will light in the display to indicate features and cooking instructions.



R-4A78

R-4W38/R-5W38

Numbers indicates page on which there are a feature description and usage information.

## BEFORE OPERATING

- Before operating your new microwave oven make sure you read and understand this operation manual completely.
  - Before the oven can be used follow these procedures
- 1) Plug in the oven. Close the door.  
The oven display will then begin flashing **88:88**
  - 2) Touch the STOP/CLEAR pad.  
**:** will appear.
  - 3) Set clock.

## To Set the Clock

- Suppose you want to enter the correct time of day 12:30 (A.M. or P.M.)

Procedure	Display
<b>1</b> <b>TIMER CLOCK</b> or <b>AUTO START CLOCK</b> Touch <b>CLOCK</b> pad	<b>0</b>
<b>2</b> <b>1 2 3 0</b> Enter the correct time of day by touching the numbers in sequence.	<b>12 30</b>
<b>3</b> <b>TIMER CLOCK</b> or <b>AUTO START CLOCK</b> Touch <b>CLOCK</b> pad again.	<b>12 :30</b>

This is a 12 hour clock. If you attempt to enter an incorrect clock time, **EE** will appear in the display. Touch the STOP/CLEAR pad and re-enter the time.

- If the electrical power supply to your microwave oven should be interrupted, the display will intermittently show **88:88** after the power is reinstated. If this occurs during cooking, the program will be erased. The time of day will also be erased. Simply touch STOP/CLEAR pad and reset the clock for the correct time of day.

NOTE: Your oven can be programmed with the door open except for START, MINUTE PLUS, EXPRESS DEFROST (R-4A58/78 R-5A58), Instant Action and Instant Start

## Stop/Clear

Touch the STOP/CLEAR pad to:

1. Erase if you make a mistake during programming.
2. Cancel kitchen timer.
3. Stop the oven temporarily during cooking.
4. Return the time of day to the display
5. Cancel a program during cooking, touch twice.

## MANUAL OPERATION

### Time Cooking

Your oven can be programmed for 99 minutes 99 seconds (99:99). Always enter the seconds after the minutes, even if they are both zeros.

- Suppose you want to cook for 5 minutes at 100%

Procedure	Display
<b>1</b> <b>5 0 0</b> Enter cooking time.	<b>5 00</b>
<b>2</b> <b>START MINUTE PLUS</b> or <b>START</b> Touch <b>START</b> pad.	<b>5.00</b>

There are eleven preset power levels.

Using lower power levels increases the cooking time which is recommended for foods such as cheese, milk and long slow cooking of meats. Consult cookbook or recipes for specific recommendations.

Touch POWER LEVEL Pad, Once then Touch	Approximate Percentage of Power	Common Words for Power Levels
<b>POWER LEVEL</b>	100%	High
9	90%	
8	80%	
7	70%	Med High
6	60%	
5	50%	Medium
4	40%	
3	30%	Med. Low/Defrost
2	20%	
1	10%	Low
0	0%	

- Suppose you want to defrost for 5 minutes at 30%.



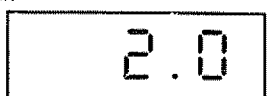
Procedure	Display
<b>1</b> <b>5 0 0</b> Enter cooking time.	<b>5 00</b>
<b>2</b> <b>POWER LEVEL</b> <b>3</b> Touch <b>POWER LEVEL</b> pad Enter power level.	<b>P-30</b>
<b>3</b> <b>START MINUTE PLUS</b> or <b>START</b> Touch <b>START</b> pad.	<b>5.00</b>

# SPECIAL FEATURES

## Compu/Express Defrost

Compu/Express Defrost automatically defrosts ground meat, steaks, chops and chicken pieces.

\* Suppose you want to defrost a 2.0 pound steak.

Procedure	Display
<b>1</b> (R-4A38/48 R-4W38 R-5A38/R-5W38) EXPRESS DEFROST or COMPU DEFROST x 2 Select desired food by touching COMPU/EXPRESS DEFROST pad until the display shows the desired food number. (Ex: touch twice for steak.) 2 0 Enter weight by touching the number pads [2] and [0]. (Ex: 2.0 lbs. steaks). Touch START/MINUTE PLUS pad.	 
(R-4A58/78 R-5A58) Steaks/Chops <b>1</b> COMPU DEFROST or ..... x 4 Quickly touch the pad 4 times for 2.0 pounds because the oven starts automatically.	

**NOTE:**

- If you attempt to enter more or less than the allowed amount (0.5–4.0 lbs. for Models R-4A38/48/58 R-5A38 R-5A58/R-4W38/R-5W38) or (0.5 to 6.0 lbs. for model R-4A78) **EE** will appear in the display.
- Compu/Express Defrost can be programmed with More or Less Time Adjustment. See page 16.
- To defrost other foods or foods above or below the weights allowed on Compu/Express Defrost Chart, use time and 30% power. See Manual Defrost on page 12.

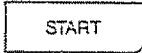

## Compu/Express Defrost Chart

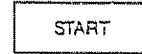
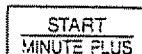
(All ovens except R-4A78)

Food	Amount	Procedure
Ground meat	0.5–3.0 lbs.	Remove any thawed pieces after each stage. Stand, 5–10 min.
Steaks, Chops (fish)	0.5–4.0 lbs.	After each stage of defrost cycle, rearrange and if there are warm or thawed portions, shield with small flat pieces of aluminum foil. Remove any meat or fish that is nearly defrosted. Stand, covered 10–20 minutes.
Chicken pieces	0.5–3.0 lbs.	After each stage of defrost cycle, if there are warm or thawed portions, rearrange or remove. Stand, 10–20 min.

**NOTE:** Check foods when oven signals. After final stage, small sections may still be icy. Let stand to continue thawing. Do not defrost until all ice crystals are thawed. Shielding prevents cooking from occurring before the center of the food is defrosted. Use small smooth strips of aluminum foil to cover edges and thinner sections of the food.

The oven will stop and directions will be displayed. Follow the indicated message.

**2** After the 1st stage, open the door. Turn steak over and shield any warm portions. Close the door.  
 or   
 Touch START pad

**3** After the 2nd stage, open the door. Shield any warm portions. Close the door.  
 or   
 Touch START pad

**4** After defrost cycle ends, cover and let stand as indicated in chart below.

**NOTE :**

- Round the weight for models R-4A58/78 and R-5A58 to the nearest half pound. (Ex: if the steak's actual weight is 2.2 lbs. round to 2.0 lbs. If the steak's weight is 2.4 lbs. round to 2.5 lbs.)  
 Touch the desired COMPU/EXPRESS DEFROST pad for a 0.5 lb. increase per touch. (Ex: touch Steaks/Chops pad four times for 2.0 lbs.)
- You may choose to enter the weight in tenths of pounds. This procedure may be easier with larger weights such as 4 pounds because it requires fewer touches. To program, touch desired COMPU/EXPRESS DEFROST pad and enter weight by touching the number pads. (Ex: touch Steaks/Chops pad then 4 and 0 within 2 seconds for a weight of four pounds.)
- R-4A78 weight range is 0.5 to 6.0 lbs.

# SPECIAL FEATURES

## Manual Defrost

If the food that you wish to defrost is not listed on the Compu/Express Defrost Chart or is above or below the limits in the "Amount" column in the Compu/Express Defrost Chart, you need to defrost manually.

You can defrost any frozen food, either raw or previously cooked, by using Power Level 3. Follow the exact 3-step procedure found under Time Cooking on page 10. Estimate defrosting time and press 3 for 30% when you select the power level.

For either raw or previously cooked frozen food the rule of thumb is approximately 5 minutes per pound. For example, defrost 5 minutes for 2-3 cups of casserole or 1 pound of frozen spaghetti sauce.

Always stop the oven periodically to remove or separate the portions that are defrosted. If food is not defrosted at the end of the estimated defrosting time, program the oven in 1 minute increments on Power Level 3 until totally defrosted.

When using plastic containers from the freezer, defrost only long enough to remove from the plastic in order to place in a microwave-safe dish.

## Instant Start

(R-4A38/48 R-4W38  
R-5A38 R-5W38  
R-4A78 Popcorn Only)

## Instant Action

(R-4A58 R-5A58)

Instant Action/Instant Start allows you to cook or reheat many of your favorite foods by touching just one pad.

\*Suppose you want to cook 3 medium baked potatoes.

Procedure	
<b>1</b> <span style="border: 1px solid black; padding: 2px;">Baked Potato</span> x 3	Select desired setting. Touch Baked Potato pad. The oven starts automatically.

To use any Instant Action pad, touch within 1 minute after cooking, opening and closing the door or touching the STOP/CLEAR pad.

To increase quantity, touch chosen pad until number in display is same as desired quantity to cook. (Ex: touch Baked Potato three times for three baked potatoes.)

**TIP:** Foods can be covered with wax paper or vented plastic wrap. Temperatures of foods covered with plastic wrap tend to be slightly higher than those covered with wax paper.

**NOTE:** 1. Should you attempt to enter more or less than the allowed amount, EE will appear in the display.

2. Instant Action/Instant Start can be programmed with More or Less Time Adjustment. See page 16.

## Instant Start Chart / Instant Action Chart

(R-4A38/48 R-4W38  
R-5A38 R-5W38  
R-4A78 Popcorn Only)  
(R-4A58 R-5A58)

Menu	Amount	Procedure
Popcorn (All ovens)	3.5 oz. bag	This setting works well with most brands of microwave popcorn. You may wish to try several and choose your favorite. Pop only one bag at a time. Open bag and place in oven according to directions. Touch POPCORN once for regular. <span style="border: 1px solid black; padding: 2px;">1</span>
	3.0 or 3.5 oz. bag (Light)	Touch POPCORN twice within 2 seconds for light regular. <span style="border: 1px solid black; padding: 2px;">2</span>
	1.75 oz. bag	Touch POPCORN three times within 3 seconds for snack. <span style="border: 1px solid black; padding: 2px;">3</span>
	1.5 or 1.75 oz. bag (Light)	Touch POPCORN pad four times within 4 seconds for light snack. <span style="border: 1px solid black; padding: 2px;">4</span>
Baked Potato	1-6 medium (R-4A38/48/58 R-4W38)	Prick; place on paper towel on turntable. Remove from oven, wrap in foil and let stand 10 minutes.
	1-8 medium (R-5A38/58 R-5W38)	

# SPECIAL FEATURES

## Instant Start / Instant Action Chart

Menu	Amount	Procedure													
Dinner Plate	1 plate	Use this pad to reheat precooked foods from the refrigerator. Place meaty portions and bulky vegetables to outside of plate. Cut large items like baked potatoes in smaller pieces. Flatten foods such as mashed potatoes and other dense foods. Cover with wax paper or plastic wrap. <b>ONE PLATE ONLY.</b> After cooking, check that food is very hot throughout and that the bottom center of the plate is very hot. If not, continue heating using time and power level. Allow to stand, covered, 1 to 2 minutes.													
	1 Regular	Touch Dinner Plate once for a regular amount of food: approximately 4 oz. sliced meat or poultry, 1/2 cup potato or rice and 1/2 cup of vegetables or equivalent. <input type="text"/> will appear in the display.													
	1 Large	Touch Dinner Plate twice within 2 seconds for a larger amount of food on a dinner plate. <input type="text"/> will appear in the display.													
	1 Small	Touch Dinner Plate three times within 3 seconds for a smaller amount of food on a dinner plate. <input type="text"/> will appear in the display.													
Fresh Vegetable	1-6 cups (R-4A3B/4B/5B R-4W3B)	For beans, carrots, corn and peas, add 1 tablespoon of water per cup. For broccoli, Brussels sprouts, cabbage and cauliflower, cook immediately after washing with no additional water. If you like tender-crisp vegetables, double or triple measured quantity per setting. For example, use 2 cups or 3 cups of zucchini but touch Fresh Vegetable only once. After cooking, remove from oven, stir, cover and let stand 3 to 5 minutes before serving.													
	1-8 cups (R-5A3B/5B R-5W3B)														
Roll/Muffin (Fresh)	1-8 pcs. (R-4A3B/4B/5B R-4W3B)	Use this pad to warm rolls, muffins, biscuits, bagels etc. Large items should be considered as 2 or 3 regular size. Arrange on plate with paper towel; cover with another towel. For refrigerated rolls and muffins, it may be necessary to double the entered amount to ensure the proper serving temperature. For example, enter quantity of 2 for 1 refrigerated muffin.													
	1-10 pcs. (R-5A3B/5B R-5W3B)														
Beverage	1/2-2 mugs (R-4A3B/4B R-4W3B R-5A3B/5W3B)	This setting is good for restoring cooled beverage to a better drinking temperature. Stir after heating.													
Rice	1/2-2 cups (R-4A5B/R-5A5B)	Place rice into a deep casserole and add double quantity of water. Cover with lid or plastic wrap. After cooking, stir, cover and let stand 3 to 5 minutes or until all liquid has been absorbed.													
		<table border="1"> <thead> <tr> <th>Rice</th> <th>Water</th> <th>Size of casserole</th> </tr> </thead> <tbody> <tr> <td>1/2 cup</td> <td>1 cup</td> <td>1.5 quart</td> </tr> <tr> <td>1 cup</td> <td>2 cups</td> <td>2 quart</td> </tr> <tr> <td>1 1/2 cups</td> <td>3 cups</td> <td>2.5 or 3 quart</td> </tr> <tr> <td>2 cups</td> <td>4 cups</td> <td>3 quart or larger</td> </tr> </tbody> </table>	Rice	Water	Size of casserole	1/2 cup	1 cup	1.5 quart	1 cup	2 cups	2 quart	1 1/2 cups	3 cups	2.5 or 3 quart	2 cups
Rice	Water	Size of casserole													
1/2 cup	1 cup	1.5 quart													
1 cup	2 cups	2 quart													
1 1/2 cups	3 cups	2.5 or 3 quart													
2 cups	4 cups	3 quart or larger													
Frozen Main Dish	(R-4A5B/R-5A5B)	Use this pad for frozen, convenience foods. It will give satisfactory results for most brands. You may wish to try several and choose your favorite. Remove package from outer wrapping and follow package directions for covering. After cooking, let stand, covered, for 1 to 3 minutes.													
	6-8 oz.	Touch Main Dish once for packages weighing 6-8 oz.													
	9-11 oz.	Touch Main Dish twice for packages weighing 9-11 oz.													
	12-14 oz.	Touch Main Dish three times for packages weighing 12-14 oz.													
	15-17 oz.	Touch Main Dish four times for packages weighing 15-17 oz.													
Roll/Muffin (Frozen)	1-8 pcs (R-4A5B)	Use this pad to warm rolls, muffins, biscuits, bagels etc. Large items should be considered as 2 or 3 regular size. Arrange on plate with paper towel; cover with another towel.													
	1-10 pcs. (R-5A5B)														
Frozen Vegetable	1-6 cups (R-4A5B)	Cover with lid or plastic wrap. Let stand 3 minutes, covered.													
	1-10 cups (R-5A5B)														








# SPECIAL FEATURES




## CompuCook

(R-4A78 Only)

CompuCook will automatically compute the microwave power and cooking time for foods shown in the chart below.

\* Suppose you want to use CompuCook to cook 2 baked potatoes.

Procedure	Display
<b>1</b>  Touch COMPU COOK pad.	
<b>2</b>  Select CompuCook setting. Touch  to cook baked potatoes.	
If you want to cook 2 baked potatoes, touch  .	

<b>3</b>  Touch START pad.	
<b>4</b> After cooking.	

NOTE: CompuCook can be programmed with More or Less time Adjustment. See page 16.

More or less food than the quantity listed in the chart should be cooked following the guidelines in any microwave cookbook.

## Compu Cook Chart

(R-4A78 Only)

Selection	Food	Amount	Procedure
1.	Baked potato	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 1 tablespoon of water per cup. For broccoli, Brussels sprouts, cabbage and cauliflower, cook immediately after washing with no additional water. If you like tender-crisp vegetables, double or triple measured quantity per setting. For example, use 2 or 3 cups of zucchini but program the oven for 1 cup. After cooking, remove from oven, stir, cover and let stand 3 to 5 minutes before serving.
3.	Frozen vegetables	1-6 cups	Cover with lid or plastic wrap. Let stand 3 minutes, covered.
4.	Ground meat	0.3-2.0 lbs.	Use this pad to cook ground beef or turkey as patties or in a casserole to be added to other ingredients. Place patties on a microwave-safe rack and cover with wax paper or plastic wrap. When oven stops, turn patties over or stir meat in casserole to break up large pieces. Re-cover and touch START. After cooking, let stand, covered, for 2 to 3 minutes.
5.	Fish fillets	0.5-2.0 lbs.	Use this setting 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 1 to 3 minutes.



# SPECIAL FEATURES

## Snacks & Reheat


(R-4A78 Only)

Snacks & Reheat will automatically compute the microwave power and reheating time for foods shown in the chart below.

\* Suppose you want to use Snacks & Reheat to reheat 2 slices of pizza.

**Procedure**

**1**



Food

Touch SNACKS & REHEAT pad.

---

**2**

5

5

QTY.

Select Snacks & Reheat setting. Touch 5 to reheat pizza.

**2**

2

2

QTY.

If you want to heat 2 slices of pizza, touch 2

**3**

START

.50

ON

Touch START pad.

---

**4**

End

After cooking.

NOTE: 1. For selecting the Dinner plate food quantity, Touch SNACKS & REHEAT pad once. Touch 1 for Dinner plate, Touch pad 1 again for regular, 1 again for large and 1 again for small amounts.

2. Snacks & Reheat can be programmed with More or Less Time Adjustment. See page 16. More or less food than the quantity listed in the chart should be cooked following guidelines in any microwave cookbook

## Snacks & Reheat Chart

(R-4A78 Only)

Selection	Food	Amount	Procedure
1.	Dinner plate	1 Regular  1 Large  1 Small	Touch the pad once for a regular amount of food: approximately 4 oz. sliced meat or poultry, 1/2 cup potato or rice and 1/2 cup of vegetables or equivalent. <span style="border: 1px solid black; padding: 0 2px;">1</span> will appear in the display. Touch Dinner plate twice within 2 seconds for a larger amount of food on a dinner plate. <span style="border: 1px solid black; padding: 0 2px;">2</span> will appear. Touch Dinner plate three times within 3 seconds for a smaller amount of food on a dinner plate. <span style="border: 1px solid black; padding: 0 2px;">3</span> will appear.
2.	Pasta/casserole	1-6 cups	Use this pad to reheat refrigerated canned or home-made pasta with sauce. Use Less option to reheat room temperature pasta. For pasta without sauce double the quantity per setting. For example, measure 2 cups of cooked noodles and program the oven for 1 cup. Cover with lid or plastic wrap. After cooking, stand, covered, 2-3 minutes.
3., 4.	Roll/muffin (fresh) (frozen)	1-8 pcs.	Use this pad to warm rolls, muffins, biscuits, bagels, etc. Large items should be considered as 2 or 3 regular size. Arrange on plate with paper towel; cover with another towel.
5.	Pizza, slice	1-6 slices	Use this pad to reheat refrigerated leftover pizza. 1 slice is approximately 1/8th of a 12-inch pizza or 1/12th of a 16-inch pizza. If possible, place on paper towel on a microwave-safe rack.

# OTHER CONVENIENT FEATURES

## Multiple Sequence Cooking

The oven can be programmed for up to 3 automatic cooking sequences, switching from one power level setting to another automatically.

Sometimes cooking directions tell you to start on one power level and then change to a different power level. Your oven can do this automatically.

\* Suppose you want to cook roast beef for 5 minutes at 100% and then continue to cook for 30 minutes at 50%.

Procedure	
1	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">5</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> </div> Enter first cooking time. <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">POWER LEVEL</div> <div style="margin-right: 5px;">x 2</div> </div> Touch POWER LEVEL pad twice for 100% power.
2	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> </div> Enter second cooking time. <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">POWER LEVEL</div> </div> Touch POWER LEVEL pad. Touch number pad <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">5</div> for 50% power.  <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">5</div>
3	<div style="border: 1px solid black; padding: 2px; margin-right: 5px;">START</div> Touch START pad

NOTE:

- If POWER LEVEL pad is touched twice, 

P-HI

 will be displayed.
- If 100% is selected as the final sequence, it is not necessary to touch the POWER LEVEL pad.
- If you wish to know power level, simply touch the POWER LEVEL pad. As long as your finger is touching the POWER LEVEL pad, the power level will be displayed.

## More or Less Time Adjustment

### More

Should you discover that you like any of the Instant Action, Instant Start, COMPUCOOK, SNACKS & REHEAT, COMPU DEFROST, EXPRESS DEFROST settings slightly more done, touch the POWER LEVEL pad **once** after touching your choice of pads.

### Less

Should you discover that you like any of the Instant Action, Instant Start, COMPUCOOK, SNACKS & REHEAT, COMPU DEFROST, EXPRESS DEFROST settings slightly less done, touch the POWER LEVEL pad **twice** after touching your choice of pads.

The POWER LEVEL pad must be touched within 1 second of touching your choice of pads.

## Kitchen Timer / Timer

\* Suppose you want to time a 3 minute long distance phone call.

Procedure	
1	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> </div> Enter time.
2	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 10px;">TIMER</div> <div style="margin-right: 10px;">or</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">KITCHEN TIMER</div> </div> Touch TIMER pad.

## Auto Start

(R-4A58/78 R-5A58)

If you wish to program your oven to begin cooking automatically at a designated time of day, follow this procedure:

Suppose you want to start cooking a stew for 20 minutes on 50% at 4:30. Before setting, check to make sure the clock is showing the correct time of day.

Procedure	
1	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">4</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">3</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> </div> Enter the start time.
2	<div style="border: 1px solid black; padding: 2px; margin-right: 5px;">AUTO START CLOCK</div> Touch AUTO START/CLOCK pad.
3	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">2</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">0</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">POWER LEVEL</div> </div> Enter cooking program.  <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">5</div>
4	<div style="border: 1px solid black; padding: 2px; margin-right: 5px;">START</div> Touch START pad.

NOTE: 1. Auto Start can be used for manual cooking, if clock is set. It can be also used for SNACKS & REHEAT and COMPUCOOK for model R-4A78.

2. If the oven door is opened after programming Auto Start, it is necessary to touch the START pad for the time of day to appear in the readout so that the oven will automatically begin programmed cooking at the chosen Auto Start time.

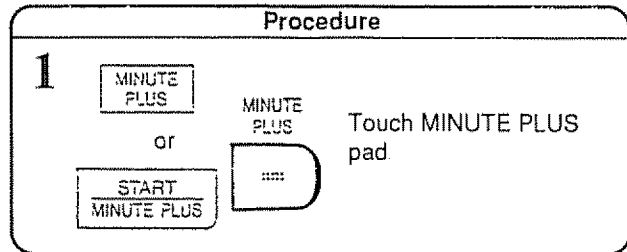
3. Be sure to choose foods that can be left in the oven safely until the Auto Start time. Baked Potatoes are often a good choice.

## OTHER CONVENIENT FEATURES

### Minute Plus

Minute Plus allows you to cook for a minute at 100% by simply touching the MINUTE PLUS pad. You can also extend cooking time in multiples of 1 minute by repeatedly touching the MINUTE PLUS pad during manual cooking.

\* Suppose you want to heat a cup of soup for one minute.



- NOTE: 1. To use MINUTE PLUS, touch pad within 1 minute after cooking, closing the door, touching the STOP/CLEAR pad or during cooking. Minute Plus cannot be used to start the oven if any program is on display.
2. Minute Plus cannot be used with SPECIAL FEATURES.

### Safety Lock

The Safety Lock prevents unwanted oven operation such as by small children.

The oven can be set so that the control panel is deactivated or locked. To set, touch CLOCK, the number **1** and then touch START and hold for 3 seconds. Should a pad be touched, **S R F E** will appear in the display.

To cancel, touch CLOCK, the number **1** and STOP/CLEAR.

### Audible Signal Elimination

If you wish to have the oven operate with no audible signals, touch CLOCK, the number **5** and then touch START and hold for 3 seconds.

To cancel and restore the audible signal, touch CLOCK, the number **5** and STOP/CLEAR.

### Demonstration Mode

To demonstrate, touch CLOCK, **0** and then touch START and hold for 3 seconds. **S H 0** will appear in the display. Cooking operations and specific special features can now be demonstrated with no power in the oven. For example, touch MINUTE PLUS and the display will show **1:00** and count down quickly to 0 and the "End".

To cancel, touch AUTO START/CLOCK, then **0** and STOP/CLEAR.

## SERVICE CALL CHECK

Please check the following before calling for service:

1. Place one cup of water in a glass measuring cup in the oven and close the door securely. Operate the oven for one minute at HIGH 100%
  - A. Does the oven light come on? YES \_\_\_\_\_ NO \_\_\_\_\_
  - B. Does the cooling fan work?  
(Put your hand over the rear ventilating openings.) YES \_\_\_\_\_ NO \_\_\_\_\_
  - C. Does the turntable rotate?  
(It is normal for the turntable to turn in either direction.) YES \_\_\_\_\_ NO \_\_\_\_\_
  - D. Is the water in the oven warm? YES \_\_\_\_\_ NO \_\_\_\_\_

If "NO" is the answer to any of the above questions, please check electrical outlet, fuse and/or circuit breaker. If both are functioning properly, CONTACT YOUR NEAREST SHARP AUTHORIZED SERVICER. A microwave oven should never be serviced by a "do-it-yourself" repair person.

NOTE: If time appearing in the display is counting down very rapidly, check Demonstration Mode above and cancel.

# CLEANING AND CARE

## Exterior

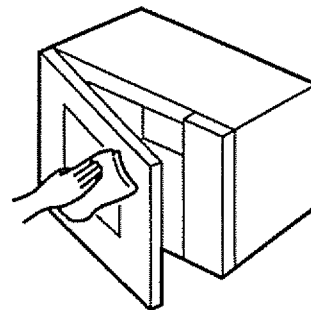
The outside surface is painted. Clean the outside with mild soap and water; rinse and dry with a soft cloth. Do not use any type of household or abrasive cleaner.

## Door

Wipe the window on both sides with a damp cloth to remove any spills or splatters. Metal parts will be easier to maintain if wiped frequently with a damp cloth. Avoid the use of harsh abrasives.

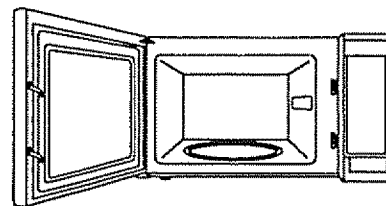
## Touch Control Panel

Care should be taken in cleaning the touch control panel. If the control panel becomes soiled, open the oven door before cleaning. Wipe the panel with a cloth dampened slightly with water only. Dry with a soft cloth. Do not scrub or use any sort of chemical cleaners. Close door and touch STOP/CLEAR.



## Interior

Cleaning is easy because no heat is generated to the interior surfaces; therefore, there is no baking and setting of spills or spattering. To clean the interior surfaces, wipe with a soft cloth and warm water. **DO NOT USE ABRASIVE OR HARSH CLEANERS OR SCOURING PADS.** For heavier soil, use baking soda or a mild soap; rinse thoroughly with hot water.



## Wave Guide Cover

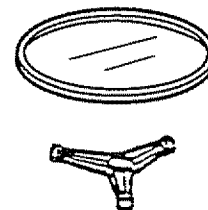
Carefully wash any food particles from the wave guide cover.

## Odor Removal

Occasionally, a cooking odor may remain in the oven. To remove, combine 1 cup water, grated peel and juice of 1 lemon and several whole cloves in a 2-cup glass measuring cup. Boil for several minutes using 100% power. Allow to set in oven until cool. Wipe interior with a soft cloth.

## Turntable/Turntable Support

The turntable and turntable support can be removed for easy cleaning. Wash them in mild, sudsy water; for stubborn stains use a mild cleanser and scouring sponge as described above. They are also dishwasher-proof. The turntable motor shaft is not sealed, so excess water or spills should be wiped up immediately.



# SPECIFICATIONS

	R-4A38/48/58/78/R-4W38	R-5A38/58/R-5W58
AC Line Voltage:	Single phase 120V, 60Hz, AC only	Single phase 120V, 60Hz, AC only
AC Power Required:	1500 watts 13 amps.	1500 watts 12.5 amps.
Output Power:		
Microwave	1000 watts *(IEC-705-1988 Test Procedure)	950 watts *(IEC-705-1988 Test Procedure)
Frequency:	2450 MHz	2450 MHz
Outside Dimensions:	21 11/16"(W) x 12 3/8"(H) x 17 3/8"(D)	24"(W) x 13 1/4"(H) x 18 1/8"(D)
Cavity Dimensions:	15"(W) x 8 1/4"(H) x 16 3/4"(D)	16 7/8"(W) x 9 1/4"(H) x 17 3/8"(D)
Oven Capacity:	1.2 cu. ft.	1.6 cu.ft.
Cooking Uniformity:	Turntable system	Turntable system
Weight:	Approx. 36 lbs.	Approx. 41 lbs.

\* The International Electrotechnical commission's standardized method for measuring output wattage. The test method is widely recognized

In compliance with standards set by:

FCC – Federal Communications Commission Authorized.

DHHS – Complies with Department of Health and Human Services (DHHS) rule, CFR, Title 21, Chapter I, Subchapter J.



– This symbol on the nameplate means the product is listed by Underwriters Laboratories, Inc.

# Reheating Chart

<u>Item</u>	<u>Starting Temperature</u>	<u>Microwave Time</u>	<u>Procedure</u>
<b>Plate of Food</b> 1 serving of meat, 2 servings of vegetables	Room temp. Refrigerated	MED.-HIGH (70%) 1 1/2-2 3/4 min. 2 3/4-4 min.	Meaty portions and bulky vegetables to outside. Cover with wax paper.
<b>Meat</b> (Chicken pieces, chops, hamburgers, meat loaf slices) 1 serving 2 servings	Refrigerated Refrigerated	MED.-HIGH (70%) 1-2 min. 2-4 min.	Cover loosely with wax paper.
<b>Meat Slices</b> (Beef, ham, pork, turkey) 1 or more servings	Room temp. Refrigerated	MEDIUM (50%) 1-1 3/4 min. per serving 1 1/2-2 1/2 min. per serving	Cover with gravy or wax paper. Check after 30 sec. per serving.
<b>Stirrable Casseroles and Main Dishes</b> 1 serving 2 servings 4-6 servings	Refrigerated Refrigerated Refrigerated	HIGH (100%) 2 3/4-3 1/2 min. 5 -6 3/4 min. 9 - 10 min.	Cover with plastic wrap. Stir after half the time.
<b>Nonstirrable Casseroles and Main Dishes</b> 1 serving 2 servings 4-6 servings	Refrigerated Refrigerated Refrigerated	MEDIUM (50%) 4 1/2-7 1/2 min. 7 1/2-11 min. 12-15 min.	Cover with wax paper.
<b>Soup, Cream</b> 1 cup 1 can (10 3/4 oz.)	Refrigerated Room temp.	MEDIUM (50%) 2 -5 1/2 min. 5-7 1/2 min.	Cover. Stir after half the time.
<b>Soup, Clear</b> 1 cup 1 can (10 3/4 oz.)	Refrigerated Room temp.	HIGH (100%) 2 -3 min. 3 1/2-7 min.	Cover. Stir after half the time.
<b>Pizza</b> 1 slice 1 slice 2 slices 2 slices	Room temp. Refrigerated Room temp. Refrigerated	HIGH (100%) 15-25 sec. 25-35sec. 25-35sec. 55-60 sec.	Place on paper towel on microwave-safe rack.
<b>Vegetables</b> 1 serving 2 servings	Refrigerated Refrigerated	HIGH (100%) 3/4-1 1/4 min. 1 1/2-2 min.	Cover. Stir after half the time.
<b>Baked Potato</b> 1 2	Refrigerated Refrigerated	HIGH (100%) 1-2 1/2 min. 2 1/2-3 min.	Cut potato lengthwise and then several times crosswise. Cover with wax paper.
<b>Breads</b> (Dinner or breakfast roll) 1 roll 2 rolls 4 rolls	Room temp. Room temp. Room temp.	HIGH (100%) 12-15 sec. 15-20 sec. 25-30 sec.	Wrap single roll, bagel or muffin in paper towel. To reheat several, line plate with paper towel; cover with another paper towel.
<b>Pie</b> 1 slice 2 slices	Refrigerated Refrigerated	HIGH (100%) 30-45 sec. 1-1 1/2 min.	Place on microwave-safe dish. Do not cover.
After reheating, food should be very hot-165°F, if possible, stir food, cover and allow to stand two to three minutes before serving.			

# Vegetable Cooking Chart

Vegetable	Amount	Cooking Procedure	Microwave Time at HIGH (100%)	Standing Time, Covered
<b>Artichokes</b> Fresh	2 medium	Trim and rinse. 2-qt. casserole. 2 tbsp. water. Cover with plastic wrap.	5-8 min.	5 min.
<b>Asparagus</b> Fresh Spears	1 lb.	2-qt. casserole. 2 tbsp. water. Cover. Rearrange after 3 min.	4-7 min.	2 min.
Frozen Spears	10-oz. pkg.	1-qt. casserole. 1 tbsp. water. Cover. Rearrange after 3 min.	7-9 min.	2 min.
<b>Beans</b> Fresh, Green and Wax	1 lb.	1½-in. pieces. 2-qt. casserole. ¼ cup water. Cover. Stir twice.	9-13 min.	2 min.
Frozen, Green	10-oz. pkg.	1-qt. casserole. 1 tbsp. water. Cover. Stir after 3 min.	5-7 min.	2 min.
Frozen, Lima	10-oz. pkg.	1-qt. casserole. 1 tbsp. water. Cover. Stir once.	6-9 min.	2 min.
<b>Beets</b> Fresh, Whole	5 medium	Wash. Leave 1 inch of tops. 2-qt. casserole. ¼ cup water. Cover. Stir every 5 min.	12-18 min.	3 min.
<b>Broccoli</b> Fresh, Spears	1 lb.	Wash. 2-qt. casserole. Add no water. Cover. Rearrange after 3 min. Uncover during stand.	6-8 min.	3 min., uncovered
Fresh, Pieces	1 lb.	Wash. 2-qt. casserole. Add no water. Cover. Stir after 3 min. Uncover during stand.	5-7 min.	2 min., uncovered
Frozen, Spears, Cuts, Chopped	10-oz. pkg.	1-qt. casserole. 2 tbsp. water. Cover. Stir after 3 min. Uncover during stand.	5-7 min.	2 min., uncovered
<b>Brussels Sprouts</b> Fresh	4 cups	2-qt. casserole. ¼ cup water. Cover. Stir after 2 min.	6-8 min.	3 min.
Frozen	10-oz. pkg.	1-qt. casserole. 2 tbsp. water. Cover. Stir after 3 min.	6-8 min.	3 min.
<b>Cabbage</b> Shredded	1 lb.	2-qt. casserole. 2 tbsp. water. Cover. Stir after 4 min.	8-12 min.	2 min.
Wedges	1 lb.	2-qt. casserole. 2 tbsp. water. Cover. Rearrange after 5 min.	12-14 min.	3 min.
<b>Carrots</b> Fresh, Slices	2 cups	1-qt. casserole. 2 tbsp. water. Cover. Stir after 3 min.	5-8 min.	3 min.
Frozen, Slices	2 cups	1-qt. casserole. 1 tbsp. water. Cover. Stir after 3 min.	5-7 min.	3 min.
<b>Cauliflower</b> Fresh, Flowerets	2 cups	1-qt. casserole. 1 tbsp. water. Cover. Stir after 2 min.	3-5 min.	2 min.
Fresh, Whole	1½ lbs.	Remove leaves and core center. 2-qt. casserole. 2 tbsp. water. Cover.	7-9 min.	3 min.
Frozen, Flowerets	10-oz. pkg.	1-qt. casserole. 1 tbsp. water. Cover. Stir after 3 min.	4-6 min.	2 min.

# Vegetable Cooking Chart

Vegetable	Amount	Cooking Procedure	Microwave Time at HIGH (100%)	Standing Time, Covered
<b>Corn</b>				
Fresh, on Cob	2 ears	9-in. pie plate. 2 tbsp. water. Cover. Rearrange after 4 min.	6-9 min.	5 min.
	4 ears	2-qt. oval or rectangular casserole. 1/4 cup water. Cover.	12-14 min.	5 min.
Frozen, on Cob	2 ears	9-in. pie plate. 2 tbsp. water. Cover. Rearrange after 4 min.	6-8 min.	5 min.
	4 ears	2-qt. oval or rectangular casserole. 1/4 cup water. Cover.	10-12 min.	5 min.
Frozen, Whole Kernel	10-oz. pkg.	1-qt. casserole. 1 tbsp. water. Cover. Stir after 2 min.	4-6 min.	2 min.
<b>Okra</b>				
Fresh, Whole	3/4 lb.	1 1/2-2-qt. casserole. 1/4 cup water. Cover. Stir after 3 min.	8-10 min.	3 min.
Frozen, Whole or Slices	10-oz. pkg.	1 1/2-2-qt. casserole. 2 tbsp. water. Cover. Stir after 3 min.	6-8 min.	3 min.
<b>Peas, Black-Eyed</b>				
Frozen	10-oz. pkg.	2-qt. casserole. 1/4 cup water. Cover. Stir after 4 min.	8-10 min.	3 min.
<b>Peas, Green</b>				
Fresh	2 cups	1-qt. casserole. 1/4 cup water. Cover. Stir after 3 min.	4-6 min.	3 min.
Frozen	10-oz. pkg.	1-qt. casserole. 1 tbsp. water. Cover. Stir after 3 min.	6-8 min.	3 min.
<b>Potatoes</b>				
Baked	2 medium	Prick; place on paper towels. Turn over, rearrange at 1/2 time. Let stand, foil wrapped.	7-9 min.	5-10 min.
	4 medium		13-16 min.	5-10 min.
Boiled	4 medium	Peel and quarter potatoes. 2-qt. casserole. Cover. Stir after 5 min.	9-12 min.	3 min.
<b>Spinach</b>				
Fresh	1 lb.	Wash and trim. Add no water. 3-qt. casserole. Cover. Stir after 3 min.	5-7 min.	2 min.
Frozen, Leaf or Chopped	10-oz. pkg.	1-qt. casserole. Add no water. Cover. Stir after 3 min.	6-8 min.	2 min.
<b>Squash</b>				
Fresh, Acorn	1 whole	Prick; place on paper towel. Turn over after 4 min.	7-10 min.	5 min.
Fresh, Sliced Zucchini	2 cups	1-qt. casserole. Add no water. Cover. Stir after 2 min.	2-4 min.	1 min.
Frozen, Mashed	10-oz. pkg.	1-qt. casserole. Add no water. Cover. Break apart and stir after 3 min.	6-8 min.	2 min.
<b>Sweet Potatoes</b>				
Baked	2 medium	Prick; place on paper towels. Turn over, rearrange after 5 min.	5-9 min.	5 min.
	4 medium		10-13 min.	5 min.
<b>Tomatoes</b>				
Fresh	2 medium	Halve tomatoes. Round dish. Cover. Rearrange once.	2-4 min.	2 min.
	4 medium		5-8 min.	2 min.
<b>Canned Vegetables</b>				
	15-16 oz.	1-qt. casserole. Drain all but 2 tbsp. liquid. Stir once.	2-4 min.	2 min.

## Meat Roasting Chart

Cut	Cooking Preparation	Microwave Procedure	Internal Temp. at Removal	Internal Temp. after Standing
<b>BEEF</b> Chuck or Pot Roast (cook in 1/2 cup liquid) (2-3 lbs ) Without vegetables With 3-4 cups cut-up vegetables	Large covered casserole. Turn over halfway through cooking time	MED (50%)  21-24 min. per lb. 27-30 min. per lb.	150°F	160°F
Eye of Round (2-3 lbs.)	Rack. Cover with plastic wrap. Turn over halfway through cooking time.	MED. (50%) Rare: 5-8 min. per lb. Med: 7-10 min. per lb. Well: 9-11 min. per lb.	120°F 135°F 150°F	130°F 145°F 160°F
Ground Meat (to brown for casserole)	Casserole. Cover with plastic wrap. Stir halfway through cooking time	HIGH (100%) 3 1/2-5 min. per lb	155°F	160°F
Hamburgers (1/4 lb. each) 2 patties 4 patties	Rack. Cover with wax paper. Turn over halfway through cooking time	HIGH (100%)  2 1/4-3 1/2 min. 3 1/2-5 min.		
<b>PORK</b> Loin Roast Boneless	Meat roasting rack. Cover with plastic wrap. Turn over halfway through cooking time.	MED.-HIGH (70%) 7-11 min. per lb. MED. (50%) 12-14 min. per lb.	160°F 160°F	170°F 170°F
Bacon 2 slices 4 slices 6 slices	Place bacon between paper towels on paper plate or on a rack.	HIGH (100%) 1 1/2-2 min. 2 1/2-3 1/2 min 3 1/2-4 1/2 min		
Smoked Ham Canned Butt Shank	Casserole. Cover with plastic wrap. Turn over halfway through cooking time. Drain and shield if necessary.	MED. (50%) 5-8 min. per lb. 8-11 min. per lb.	130°F 130°F	135°F 135°F

## Poultry Roasting Chart

<b>CHICKEN</b> Whole	Breast side down on rack. Cover with plastic wrap. Turn over halfway through cooking time	MED.-HIGH (70%) 5-8 min. per lb.	170°F	180°F
Pieces Bone-in Boneless	Rack. Cover with plastic wrap. Turn over halfway through cooking time.	HIGH (100%) 5-7 1/2 min. per lb. 4-7 min. per lb.	170°F 160°F	180°F 170°F
<b>TURKEY</b> Whole (up to 10 lbs.)	Breast side down on rack. Cover with plastic wrap. Turn over halfway through cooking time	MED. (50%) 10-14 min. per lb.	170°F	180°F
Breast Bone-in Boneless	Rack. Cover with plastic wrap. Turn over halfway through cooking time.	MED. (50%) 11-15 min. per lb. 14-18 min. per lb.	160°F 160°F	170°F 170°F

## Fish and Seafood Cooking Chart

Cut	Cooking Preparation	Microwave Procedure	Standing Time
<b>FILLETS</b>	Pie plate or casserole. Cover with plastic wrap	POWER LEVEL (80%) 4-6 min. per lb.	3 min.
<b>STEAKS</b>	Pie plate or casserole. Cover with plastic wrap. Turn over halfway through cooking time.	POWER LEVEL (80%) 5-7 min. per lb.	3 min.
<b>SHRIMP &amp; SCALLOPS</b>	Pie plate or casserole. Cover with plastic wrap. Turn over halfway through cooking time.	POWER LEVEL (80%) 4-6 min. per lb.	1-2 min.





**NOTES**

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----- Cut along this line -----

## COOKBOOK ORDER FORM

Please send me \_\_\_\_\_ cookbooks at \$10.00 each ..... \$ \_\_\_\_\_

State Tax, if applicable, (check chart) ..... \$ \_\_\_\_\_

• California.....	\$ .47	• Michigan.....	\$ .40
• Florida.....	\$ .36	• New Jersey.....	\$ .36
• Illinois.....	\$ .44	• Texas.....	\$ .83

TOTAL ORDER AMOUNT ..... \$ \_\_\_\_\_

I have enclosed a check made payable to Sharp Accessories & Supplies Center.

Please bill my                       VISA                       MASTERCARD

Acct. No. \_\_\_\_\_ Expiration date \_\_\_\_ / \_\_\_\_

Signature \_\_\_\_\_

(All credit card orders must be signed )

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Phone No. (     ) \_\_\_\_\_

Mail to: SHARP Accessories & Supplies Center  
2130 Townline Road  
Peoria, Illinois 61615-1560

In-stock items will be shipped within 24 hours  
after receipt of order.  
Prices are subject to change without notice.

# GUIA AUTO-TOUCH®

Para mayor información y precauciones de seguridad, consulte el Manual de Operaciones.

<b>FIJACION DEL RELOJ</b> Si en la pantalla aparece 88:88, toque primero STOP/CLEAR 1 Toque el botón CLOCK 2 Ponga la hora correcta tocando los números en orden. (Ej: 12:30) 3 Toque nuevamente el botón CLOCK.				<b>OPERACION MANUAL</b> <b>Cocinando con energía alta</b> 1 Programe el tiempo para cocinar tocando los botones de números. (Ej: 1 min. 30 seg.) 2 Toque START <b>Cocinando con energía variable</b> 1 Después del paso 1 anterior, toque el botón POWER LEVEL. 2 Escoja el nivel de energía. (Ej: 50%) 3. Toque START.																																					
<b>INSTANT START/ ACTION</b> 1. Toque el botón POPCORN una vez para palomitas de maíz regular 2 Veces -- tamaño regular ligero 3 Veces -- tamaño de snack 4 Veces -- snack de tamaño ligero				<b>MINUTE PLUS</b> (R-4A38/48/58/78 R-5A38/58 R-4W38 R-5W38) Toque el botón de adición de un minuto (MINUTE PLUS) para un minuto al 100% de energía, o para añadir un minuto cuando cocine en el modo manual. Continúe tocándolo para añadir más minutos.																																					
<table border="1"> <thead> <tr> <th>Alimento</th> <th>Cantidad</th> </tr> </thead> <tbody> <tr> <td>Popcorn (Todos los Hornos) (Palomitas de maíz)</td> <td>3.5 onzas 3.0 ó 3.5 onzas (ligero) 1.75 onzas 1.5 ó 1.75 onzas (ligero)</td> </tr> <tr> <td>Baked Potato (Papas al horno)</td> <td>1-6 mediano (R-4A38/48/58 R-4W38)   1-8 mediano (R-5A38/58 R-5W38)</td> </tr> <tr> <td>Dinner Plate (Plato de comida)</td> <td>1 plato de comida med., grande, chico</td> </tr> <tr> <td>Fresh Vegetable (Verduras frescas)</td> <td>1-6 tazas (R-4A38/48/58 R-4W38)   1-8 tazas (R-5A38/58 R-5W38)</td> </tr> <tr> <td>Roll/Muffin (Fresh) (Pan panecillo fresco)</td> <td>1-8 pedazos (R-4A38/48/58 R-4W38)   1-10 pedazos (R-5A38/58 R-5W38)</td> </tr> <tr> <td>Beverage (Bebida)</td> <td>1/2-2 tazas (R-4A38/48 R-4W38)   1/2-2 tazas (R-5A38 R-5W38)</td> </tr> <tr> <td>Rice (Arroz)</td> <td>1/2-2 tazas (R-4A58)   1/2-2 tazas (R-5A58)</td> </tr> <tr> <td>Frozen Main Dish (Comida panecillo congelada)</td> <td>6-17 onzas (R-4A58)   6-17 onzas (R-5A58)</td> </tr> <tr> <td>Roll/Muffin (Frozen) (Pan panecillo congelado)</td> <td>1-8 pedazos (R-4A58)   1-10 pedazos (R-5A58)</td> </tr> <tr> <td>Frozen Vegetable (Verduras panecillo congeladas)</td> <td>1-6 tazas (R-4A58)   1-10 tazas (R-5A58)</td> </tr> </tbody> </table>		Alimento	Cantidad	Popcorn (Todos los Hornos) (Palomitas de maíz)	3.5 onzas 3.0 ó 3.5 onzas (ligero) 1.75 onzas 1.5 ó 1.75 onzas (ligero)	Baked Potato (Papas al horno)	1-6 mediano (R-4A38/48/58 R-4W38)   1-8 mediano (R-5A38/58 R-5W38)	Dinner Plate (Plato de comida)	1 plato de comida med., grande, chico	Fresh Vegetable (Verduras frescas)	1-6 tazas (R-4A38/48/58 R-4W38)   1-8 tazas (R-5A38/58 R-5W38)	Roll/Muffin (Fresh) (Pan panecillo fresco)	1-8 pedazos (R-4A38/48/58 R-4W38)   1-10 pedazos (R-5A38/58 R-5W38)	Beverage (Bebida)	1/2-2 tazas (R-4A38/48 R-4W38)   1/2-2 tazas (R-5A38 R-5W38)	Rice (Arroz)	1/2-2 tazas (R-4A58)   1/2-2 tazas (R-5A58)	Frozen Main Dish (Comida panecillo congelada)	6-17 onzas (R-4A58)   6-17 onzas (R-5A58)	Roll/Muffin (Frozen) (Pan panecillo congelado)	1-8 pedazos (R-4A58)   1-10 pedazos (R-5A58)	Frozen Vegetable (Verduras panecillo congeladas)	1-6 tazas (R-4A58)   1-10 tazas (R-5A58)	<b>COMPU DEFROST/ EXPRESS DEFROST</b> (R-4A38/48 R-4W38 R-5A38 R-5W38) 1 Seleccione el nivel de descongelamiento rapido deseado con el botón COMPU/EXPRESS DEFROST. 2 Toque los botones número [2] y [0] para 2.0 libras. (Ej: filete de 2.0 libras.) Toque START. (R-4A58/78 R-5A58) 1 Toque el botón COMPU/EXPRESS DEFROST para un aumento de 0.5 libras cada vez. (Ej: filete de 2.0 libras.) Horno inicia automáticamente.																	
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<b>SNACKS &amp; REHEAT</b> (R-4A78) 1. Toque el botón SNACKS & REHEAT. 2 Use el programa SNACKS & REHEAT deseado (por ejemplo, toque [3] para un pan/panecillo fresco.) 3 Toque el botón número [2] para dos pan/panecillo. 4. Toque START.				<b>COMPU COOK</b> (R-4A78) 1 Toque el botón COMPU COOK. 2 Seleccione el programa COMPU COOK deseado. (Ej: toque [1] para cocer, papas al horno.) 3 Toque el botón número [2] para (Ej: cocer dos papas al horno.) 4. Toque START.																																					
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# AUTO-TOUCH® GUIDE

For more complete information and safety precautions, refer to your Operation Manual.

<b>SET CLOCK</b> If 88:88 is in display, first touch STOP/CLEAR pad 1 Touch CLOCK pad. 2 Enter correct time of day by touching numbers in sequence (Ex: 12:30) 3 Touch CLOCK pad again				<b>MANUAL OPERATION</b> <b>High Power Cooking</b> 1. Enter cooking time by touching number pads. (Ex: 1 min. 30 sec) 2 Touch START																																					
<b>INSTANT START/ACTION</b> 1. Touch POPCORN pad once for regular size Twice -- light regular size 3 times -- snack size 4 times -- light snack size				<b>Variable Power Cooking</b> 1 After Step 1 above, touch POWER LEVEL pad 2. Select power level. (Ex: 50%) 3. Touch START																																					
<b>MINUTE PLUS</b> <small>(R-4A38/48/58/78 R-5A38/58 R-4W38 R-5W38)</small> Touch Minute Plus for one minute at 100% power or to add a minute during manual cooking. Continue to touch for additional minutes				<b>COMPU DEFROST/ EXPRESS DEFROST</b> <small>(R-4A38/48 R-4W38 R-5A38 R-5W38)</small> 1 Select desired defrost setting by touching COMPU/EXPRESS DEFROST pad 2 Touch number pad [2] and [0] for 2.0 lbs (Ex: 2.0 lbs. steak) Touch START <small>(R-4A58/78 R-5A58)</small> 1 Touch desired COMPU/EXPRESS DEFROST pad for a 0.5 lb increase per touch. (Ex: 2.0 lbs. steak) Oven starts automatically.																																					
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## SHARP

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