# **Panasonic**®

# Operation Guide and Cookbook Microwave Oven



Model: NN-SD376S

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## Safety Instructions

### Precautions to be taken when using Microwave Ovens for Heating foodstuffs

**INSPECTION FOR DAMAGE.** A microwave oven should only be used if an inspection confirms all of the following conditions:

- 1. The grille is not damaged or broken.
- The door fits squarely and securely and opens and closes smoothly.
- 3. The door hinges are in good condition.
- The metal plates of a metal seal on the door are neither buckled nor deformed.
- The door seals are neither covered with food nor have large burn marks.

**PRECAUTIONS.** Microwave radiation from microwave ovens can cause harmful effects if the following precautions are not taken:

- Never tamper with or deactivate the interlocking devices on the door.
- Never poke an object, particularly a metal object, through a grille or between the door and the oven while the oven is operating.
- Never place saucepans, unopened cans or other heavy metal objects in the oven.
- Do not let other metallic articles, e.g., fast food foil containers, touch the side of the oven.
- Clean the oven cavity, the door and the seals with water and a mild detergent at regular intervals. Never use any form of abrasive cleaner that may scratch or scour surfaces around the door.
- 6. Always use the oven with trays or cookware recommended by the manufacturer.
- Never operate the oven without a load (i.e., an absorbing material such as food or water) in the oven cavity unless specifically allowed in the manufacturer's literature.
- For horizontally hinged doors, never rest heavy objects such as food containers on the door while it is open.
- Do not place sealed containers in microwave ovens.
   Baby bottles fitted with a screw cap or a teat are considered to be sealed containers.
- 10. The appliance is not intended for use by young children or infirm persons without supervision.
- 11. Young children should be supervised to ensure that they do not play with the appliance.

#### **Important Instructions**

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

- Read all instructions before using the microwave oven.
- Some products such as whole eggs and sealed containers - (for example, closed glass jars and sealed baby bottles with teat) - may explode and should not be heated in the microwave oven.
- Use this microwave oven only for its intended use as described in this manual.
- As with any appliance, close supervision is necessary when used by children.
- Do not operate this microwave oven if it is not working properly or if it has been damaged or dropped.
- 6. To reduce the risk of fire in the oven cavity:
  - (a) Do not overcook food. Carefully attend microwave oven if paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.

- (b) Heating theraputic wheat bags is not recommended. If heating, do not leave unattended and follow manufacturers' instructions carefully.
- (c) Remove wire twist-ties from bags before placing bag in oven.
- (d) If materials inside the oven should ignite, keep oven door closed, turn oven off at the wall switch, or shut off power at the fuse or circuit breaker panel.

## **Earthing Instructions**

This microwave oven must be earthed. In the event of an electrical short circuit, earthing reduces the risk of electric shock by providing an escape wire for the electric current. This microwave oven is equipped with a cord having an earthing wire with an earthing plug. The plug must be plugged into an outlet that is properly installed and earthed.

WARNING—Improper use of the earthing plug can result in a risk of electric shock.

WE CERTIFY THAT THIS MICROWAVE OVEN HAS BEEN INSPECTED AND COMPLIES WITH THE REQUIREMENTS OF REGULATION 3, SUBCLAUSE(2), OF THE MICROWAVE OVENS REGULATIONS 1982. MATSUSHITA ELECTRICAL INDUSTRIAL CO.,LTD.

(This statement applicable only to New Zealand.)

We certify that this microwave oven has been inspected and complies with the safety requirements of government notice 466 of March 1981, and complies with the Radio Regulation of government notice 587 of March 1986.

## **WARNING**

(This statement applicable only to South Africa)

- a) The door seals and door seal areas should be cleaned with a damp cloth. The appliance should be inspected for damage to the door seals and door seal areas and if these areas are damaged the appliance should not be operated until it has been repaired by a qualified service technician trained by the manufacturer.
- b) It is dangerous for anyone other than a qualified service technician trained by the manufacturer to perform repair services.
- c) If the supply cord of this appliance is damaged, it must be replaced by a qualified service technician with the special cord available only from the manufacturer.
- d) Before use, the user should check that utensils are suitable for use in microwave ovens.
- e) Liquids or other foods must not be heated in sealed containers since they are liable to explode.
- f) Only allow children to use the oven without supervision when adequate instructions have been given so that the child is able to use the oven in a safe way and understands the hazards of improper use.

## **Installation and General Instructions**

#### **General Use**

- In order to maintain high quality, do not operate the oven when empty. The microwave energy will reflect continuously throughout the oven if no food or water is present to absorb energy.
- If smoke is observed, press the Stop/Reset
  Pad and leave door closed in order to stifle any
  flames. Disconnect the power cord, and/or shut
  off power at the fuse or circuit breaker panel.
- Do not dry clothes, newspapers or other materials in oven. They may catch on fire.
- Do not use recycled paper products, unless the paper product is labelled as safe for microwave oven use. Recycled paper products may contain impurities which may cause sparks and/or fires when used.
- Do not use newspapers or paper bags for cooking.
- Do not hit or strike the Control Panel. Damage to controls may occur.
- POT HOLDÉRS may be needed as heat from food is transferred to the cooking container and from the container to the Glass Tray. The GlassTray can be very hot after removing the cooking container from the oven.
- 8. Do not store flammable materials next to, on top of, or in the oven. It could be a fire hazard.
- Do not cook food directly on Glass Tray unless indicated in recipes. (Food should be placed in a suitable cooking utensil.)
- 10. DO NOT use this oven to heat chemicals or other non-food products. DO NOT clean this oven with any product that is labelled as containing corrosive chemicals. The heating of corrosive chemicals in this oven may cause microwave radiation leaks.

#### Placement of Oven

- The oven must be placed on a flat, stable surface. For correct operation, the oven must have sufficient air flow. Allow 15 cm of space on the top of the oven, 10 cm at the back, and 5 cm on both sides. If one side of the oven is placed flush to wall, the other side or top must not be blocked. Do not remove feet.
  - a. Do not block air vents. If they are blocked during operation, the oven may overheat. The oven will remain inoperable until it has cooled.
  - b. Do not place oven near a hot or damp surface such as a gas stove, electric range or sink etc.
  - c. Do not operate oven when room humidity is too high.
- This oven was manufactured for household use only.
- This microwave oven is designed and approved for counter top use only. Failure due to built-in installation may void the warranty.

#### Circuits

Your microwave oven should be operated on a separate 10 A circuit from other appliances. Failure to do this may cause the power board fuse to blow, and/or food to cook slower. Do not insert higher value fuse in the power board.

#### Food

- Do not use your oven for home canning or the heating of any closed jar. Pressure will build up and the jar may explode. In addition, the microwave oven cannot maintain the food at the correct canning temperature. Improperly canned food may spoil and be dangerous to consume.
- Do not attempt to deep fat fry in your microwave oven.
- Do not boil eggs in their shell and whole hardboiled eggs (unless otherwise stated in Cooking Guide section). Pressure will build up and the eggs will explode.
- Potatoes, apples, egg yolks, chicken wings, whole squash and sausages are examples of foods with nonporous skins. This type of food must be pierced before cooking, to prevent bursting.
- 5. When heating liquids, e.g. soup, sauces and beverages, in your microwave oven, overheating the liquid beyond boiling point can occur without evidence of bubbling. This could result in a sudden boil over of hot liquid. To prevent this possibility the following steps should be taken:
  - a) Avoid using straight-sided containers with narrow necks.
  - b) Do not overheat.
  - Stir the liquid before placing the container in the oven and halfway through cooking time.
  - d) After heating, allow to stand in the oven for a short time, stirring again before carefully removing the container.
- 6. DO NOT USE A CONVENTIONAL MEAT THERMOMETER IN THE MICROWAVE OVEN. To check the degree of cooking of roasts and poultry use a MICROWAVE THERMOMETER. Alternatively, a conventional meat thermometer may be used after the food is removed from the oven. If undercooked, return meat or poultry to the oven and cook for a few more minutes at the recommended power level. It is important to ensure that meat and poultry are thoroughly cooked.
- 7. COOKING TIMES given in the Cooking Guide section are APPROXIMATE. Factors that may affect cooking time are preferred degree of moisture content, starting temperature, altitude, volume, size, shape of food and utensils used. As you become familiar with the oven, you will be able to adjust for these factors.
- It is better to UNDERCOOK RATHER THAN OVERCOOK foods. If food is undercooked, it can always be returned to the oven for further cooking. If food is overcooked, nothing can be done. Always start with minimum cooking times recommended.
- Extreme care should be taken when cooking popcorn in a microwave oven. Cook for minimum time as recommended by manufacturer. Use the directions suitable for the wattage of your microwave oven. NEVER leave oven unattended when popping popcorn.
- When heating food in plastic or paper containers, check the oven frequently due to the possibility of ignition.
- 11. The contents of feeding bottles and baby food jars are to be stirred or shaken and the temperature is to be checked before consumption, in order to avoid burns.

## **Microwaves and How They Work**

Microwaves are a form of high frequency radio waves similar to those used by a radio, including AM, FM and CB. They are similar to a television where the radio waves are converted to a picture on the screen. However, microwaves are much shorter than radio waves; approximately twelve centimetres wave length. Electricity is converted into microwave energy by the magnetron tube (which is the heart of the microwave oven).

From the magnetron tube, microwave energy is transmitted to the oven cavity through a small plastic covered piece. The microwaves are converted to heat in the food. The microwaves enter from the outside of the food and travel through the food losing half of their power every two to three centimetres. Continued cooking to the centre occurs by conduction.

Although pacemakers used to be affected by microwaves (as well as by other radio waves), they are now shielded and are not bothered by these interferences. This allows people with pacemakers to sit calmly by their radio or television and cook with microwave ovens.

When microwaves come in contact with a substance, any one or combination of three things may occur. They can be:

- 1. REFLECTED
- 2. TRANSMITTED
- 3. ABSORBED

#### Reflection:

Metal substances REFLECT microwave energy and because there is no absorption, there is no heating. This is why the oven interior is either stainless steel or epoxy-coated steel. This ensures that the microwaves are kept inside the cavity and evenly distributed throughout the food with the help of the turntable.

#### Transmission:

Such substances as paper, glass and plastic TRANSMIT microwave energy and do not become hot except from food. Because these substances do not reflect or absorb microwave energy, they are ideal materials for microwave cooking containers.

### Absorption:

Food contains moisture and will ABSORB microwave energy, which causes the moisture molecules within the food to vibrate at an incredible rate (2,450,000,000 times per second). Friction, created by the vibration, produces heat energy which is conducted throughout the food.

## **Cookware and Utensil Guide**

It is important to use the correct container when cooking in a microwave oven. The following will help you make the right selection.

# How to Test a Container for Safe Microwave Oven Use TO TEST A CONTAINER FOR SAFE MICROWAVE

OVEN USE: Fill a 1-cup glass measure with cool water and place it in the microwave oven alongside the empty container to be tested; heat one (1) minute at High. If the container is microwave ovensafe (transparent to microwave energy), the container should remain comfortably cool, the water in glass measure should be hot. If the container is hot, it has absorbed some microwave energy and should NOT be used. This test cannot be used for plastic containers.

#### Paper Products and Freezer Wrap

Waxed paper, paper plates, cups and napkins should not be used for heating or cooking food. Freezer wrap should not be used as it is not heat resistant and may melt. Paper towel, greaseproof paper and bake paper may be safely used for short periods of time for covering or lining.

### Glass, Ceramic and China

**Heat-Resistant glass cookware** is invaluable in microwave cooking. Many of these items are readily available in most homes: glass jugs, mixing bowls, loaf dishes, covered casseroles, oblong baking dishes, pie plates and round or square cake dishes. Examples of this type of cookware are Pyrex® and Corningware®.

**Dinnerware** can be used for microwave heating. Many brands of dinnerware are microwave safe. Check the care information for reference to microwave use for dinnerware and serving pieces. If dinnerware is marked ovenproof, it frequently is safe to use in the microwave oven. However, to be sure, check by conducting microwave dish test previously mentioned.

Several types of glassware and dinnerware are not recommended for use in the microwave oven. Do not use dishes with metallic trim or containers with metal parts. Do not use cups or mugs with glued on handles, as they may fall off with continued heating. Do not use delicate glassware. Although the glassware may be transparent to microwave energy the heat from the food may cause the glassware to crack.

## Cookware and Utensil Guide (continued)

#### **Plastics**

Plastic dishes, cups and some freezer containers should be used with care in a microwave oven. Choose plastic containers carefully, as some plastic containers may become soft, melt and may scorch. The majority of plastic dishes, even those designed for use in the microwave oven, are not suitable for cooking foods with high fat or sugar content, or for lengthy cooking times. Most microwave plastic dishes should not be used for longer than 3 to 5 minutes on High power. These dishes, although not suitable for extended cooking, may be used successfully for defrosting or for use on lower power levels. Cooking Bags designed to withstand boiling, freezing, or conventional heating are microwave safe. Prepare bags according to manufacturer's directions. When cooking by microwave, DO NOT use wire

and cause arcing (sparks).
DO NOT COOK IN PLASTIC FOOD STORAGE
BAGS

twist-ties to close bag. They can act as an antenna

Plastic Wrap such as GLAD WRAP® can be used to cover dishes in most recipes. Over an extended heating time, some disfiguration of the wrap may occur. When removing plastic wrap "covers", as well as any glass lid, be careful to remove it away from you to avoid steam burns.

Loosen plastic but let dish stand, covered.

### Jars and Bottles

Jars and bottles can be used to warm food to serving temperature, if the lid is removed first. Cooking should not be done in these containers since most are not heat resistant and during extended heating times, heat from food would cause cracking or breaking.

#### Metal

Metal cookware or utensils, or those with metallic trim, should NOT be used in the microwave. Since microwave energy is reflected by metal, foods in metal containers will not cook evenly. There is also a possibility of "arcing."

Although metal utensils should be avoided in microwave cooking, some metal can be helpful when used correctly.

Aluminum foil can be used safely, if certain guidelines are followed, to prevent overcooking. Small pieces of foil are used to shield areas such as chicken wings, tips of roasts, or other thin parts that cook before the rest of the recipe is finished. Make sure foil is attached securely and doesn't touch sides of oven, otherwise arcing may occur. Foil lined containers, either cardboard or plastic, should NOT be used in the microwave oven as arcing could occur.

Metal twist-ties, either paper or plastic coated, should NOT be used in the microwave oven. Frozen dinner trays can be used in the microwave, if the container is no deeper than 2 cm and is filled with food. Metal skewers can not be used in microwave ovens as arcing may occur. Wooden skewers are readily available and give the same result.

**Shells:** Scalloped baking shells are best used during reheating and for short periods of cooking time only.

**Thermometers** are available for use in microwave ovens. DO NOT USE CONVENTIONAL MERCURY TYPE CANDY OR MEAT THERMOMETERS in food while cooking in the microwave oven.

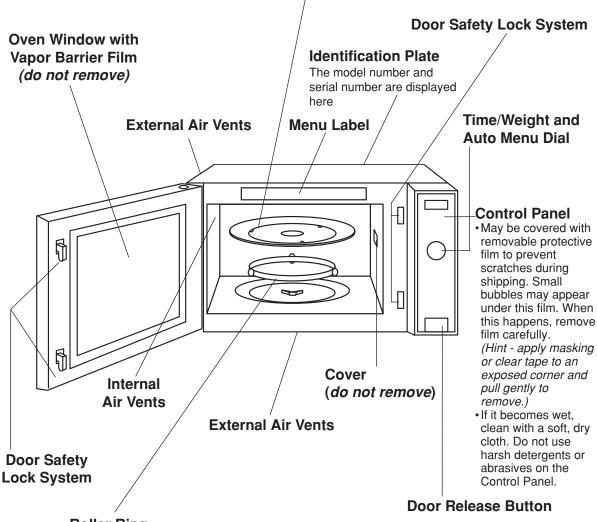
#### Straw, Wicker and Wood

Straw and wicker baskets may be used in the microwave oven for short periods of time to warm rolls or bread. Large wooden utensils, such as bowls or cutting boards should NOT be used for prolonged heating as the microwave energy may cause the wood to become dry and brittle.

## **Feature Diagram**

#### Glass Tray

- 1. Do not operate the oven without the Roller Ring and Glass Tray in place.
- Only use the Glass Tray specifically designed for this oven. Do not substitute another Glass Tray.
- 3. If Glass Tray is hot, allow to cool before cleaning or placing in water.
- Do not cook directly on Glass Tray. Always place food on a microwave-safe dish, or on a rack set in a microwave-safe dish.
- 5. If food or utensil on Glass Tray touches oven walls, causing the tray to stop moving, the tray will automatically rotate in opposite direction. This is normal.
- 6. Glass Tray can rotate in either direction.



## Roller Ring

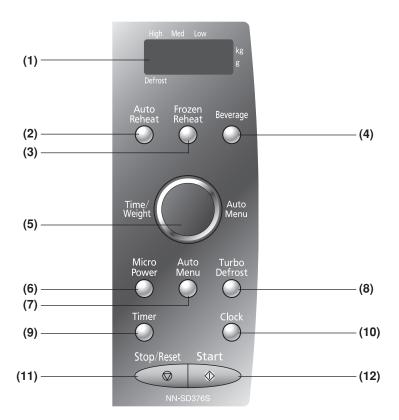
- The Roller Ring and oven floor should be cleaned frequently to prevent excessive noise.
- 2. The Roller Ring must always be used together with the Glass Tray for cooking.

Push to open the door. Opening the door during cooking will stop the cooking process without cancelling the program. Cooking resumes as soon as the door is closed and **Start** Pad is pressed. It is quite safe to open the door at any time during a cooking program and there is no risk of Microwave exposure.

## **Oven Light**

Oven Light will turn on during cooking and will turn off when door is opened.

## **Control Panel**



- (1) Display Window
- (2) Auto Reheat Pad
- (3) Frozen Reheat Pad
- (4) Beverage Pad
- (5) Time/Weight and Auto Menu Dial
- (6) Micro Power Pad
- (7) Auto Menu Pad
- (8) Turbo Defrost Pad
- (9) Timer Pad
- (10) Clock Pad

### (11) Stop/Reset Pad

**Before cooking:** One tap clears your instructions.

**During cooking:** One tap temporarily stops the cooking process. Another tap cancels all your instructions and time of day appears in the Display Window.

### (12) Start Pad

One tap allows oven to begin functioning. If door is opened or *Stop/Reset* Pad is pressed once during oven operation, *Start* Pad must again be pressed to restart oven.

### **Beep Sound**

When a pad is pressed correctly, a beep will be heard. If a pad is pressed and no beep is heard, the unit did not or could not accept the instruction. The oven will beep twice between programmed stages. At the end of any completed program, the oven will beep 5 times.

## To Cook / Reheat / Defrost by Micro Power and Time

## 1 Plug in

Plug into a properly earthed electrical outlet.

## 2 Open Door

Open the door and place container with food in a dish on Glass Tray in the oven. Then close the door.

## 3 Select Power Level

Press Micro Power pad to your desired power level.

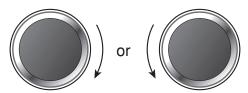
To select MEDIUM power press Micro Power pad 4 times.



**Note:** When selecting High Power on the first stage, you can start from step 4.

## 4 Set Time (e.g. 1 minute 30 seconds)

## **Turning Time/Weight Dial**



Note: For High Power, up to 30 minutes. For other Power, up to 90 minutes for a single stage.



## 5 Press

Verify your selection(s) in the Display Window.



#### For more than one stage cooking:

Repeat steps 3 & 4 above then press *Start* Pad. The maxium number of stages for cooking is 3. The oven will beep twice between stages and five times at the end of cooking.

e.g. : Casserole	Stage 3	Stage 4
	HIGH for 10 minutes to bring to a boil	MEDIUM for 50 minutes to finish cooking by simmering

#### Micro Power:

The *Micro Power* Pad gives you a selection of different power levels representing decreasing amounts of microwave energy used for cooking foods at different speeds. To select the correct power level for cooking different foods, refer to the chart below.

POWER LEVEL	POWER	WATTAGE	EXAMPLE OF USE
HIGH	100%	850W	Boil water. Cook fresh fruit, vegetables, rice, pasta and noodles.
DEFROST	30%	260W	Thaw foods.
MEDIUM-HIGH	70%	600W	Cook poultry, meat, cakes, desserts. Heat milk.
MEDIUM 50% 470V		47014	Cook pot roasts, casseroles and meatloaves, melt chocolate.
		47000	Cook eggs and cheeses. Cook fish.
MED-LOW 30% 260W		260///	Cook less tender cuts of meat, simmer soups and stews,
		20000	and soften butter and cream cheese.
LOW	10%	90W	Keep cooked foods warm, simmer slowly.

## To Set Clock

Clock

You can use the oven without setting the clock.

## 1 Press



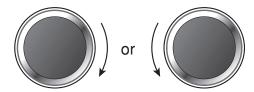
The colon start to blink.



## 2 Enter Time of Day

Clock

Enter time of day by turning Time/Weight Dial e.g. 11:25 (12 hour Clock)



Time appears in the Display Window, colon is blinking. Verify time of day in the Display Window.

## 3 Press

The colon stops blinking; time of day is now locked into Display Window.

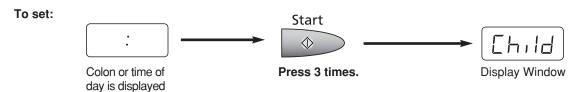
NOTES: Oven will not operate while colon is still blinking

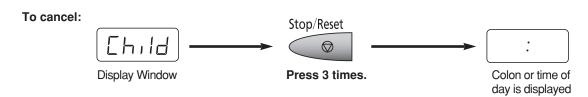


- 1. To reset time of day, repeat step 1 through 3.
- 2. The clock will keep the time of day as long as oven is plugged in and electricity is supplied.
- 3. This is a 12 hour clock, ie 2pm = 2:00 not 14:00

## To Use Child Safety Lock

This feature allows you to prevent operation of the oven by a young child; however, the door will open. You can set Child Safety Lock when colon or time of day is displayed.





# To Reheat by Micro Power and Time

## Reheat by Setting Power and Time - Frozen Pre-cooked Foods

FROZEN ITEM (Pre-cooked)	POWER	TIME (in minutes)	SPECIAL INSTRUCTIONS
BREAD & BAKED PRODUCT			
Bread 1 slice 1 loaf	HIGH HIGH	10 - 15 sec 2 - 4	Do not let bread get hot, or it will become rubbery and dry out. Remove whole loaf from original wrapper.
6 rolls	MEDIUM	1 - 2	Place on paper towel to absorb moisture.
Cheesecake (600 g)	DEFROST	2 - 3	Remove from container. Defrost on plate.
Muffins - 4 (350 g)	HIGH	2 - 3	Place onto paper towel lined plate.
Scones - 6 (400 g)	MEDIUM	1 - 2	Defrost on paper lined plate. Stand 2 minutes.
PIES Fruit Pie (500 g)	DEFROST then HIGH	6 - 8 4 - 6	Remove from foil container and place uncovered into a pie dish.
Meat Pie (300 g)	DEFROST then	4 - 6	Place onto paper towel lined plate.
Pizza (350 g)	MEDIUM  HIGH	2 - 3  5 - 7	Remove from package and place onto paper towel or follow manufacturer's instructions.
FROZEN MEAL Fish in Sauce (200 g)	MEDIUM	6 - 7	Pierce corner of bag. Heat on a plate.
Frozen Casserole (serves 2)	MEDIUM	4 - 6	Pierce pouch. Heat on a plate or bowl.
Lasagne (300 g)	MEDIUM	10 - 12	Remove from foil container, place into serving dish.
Plate Food	DEFROST then HIGH	3 - 4 2 - 3	Arrange food evenly on a dinner plate. Add butter or gravy where desired. Cover plate with plastic wrap.
TV style dinner (400 g)	MEDIUM	8 - 10	Remove foil cover and replace with plastic wrap.
Vegetables & Sauce (in the bag) (400 g)	MEDIUM	8 - 10	Pierce corner of bag. Heat on a plate.
MISCELLANEOUS Chicken Pieces (500 g)	DEFROST then HIGH	5 - 7 6 - 8	Place onto paper towel lined plate.
Croissants - 4 (250 g)	MEDIUM	2 - 3	Place onto paper towel lined plate.
Fish Fingers - 8 (200 g)	DEFROST then	3 - 5	Place onto paper towel lined plate.
	HIGH	2 - 3 	
Sausage Rolls (250 g)	MEDIUM	3 - 5	Place onto paper towel lined plate.

## Reheat

## IMPORTANT POINTS TO CONSIDER WHEN REHEATING COLD FOODS

#### STARTING TEMPERATURE —

Foods taken from the refrigerator will take longer to reheat than foods from room temperature.

#### Quantity —

One serving heats faster than several servings. When heating large quantities, stir food to ensure even heating. It is quicker to heat individual plates of food than large quantities in a casserole dish.

#### Plated Dinners —

Arrange foods with the most dense items towards the outside of the plate. Cover meats with sauces/gravies if desired, spread out mashed potatoes or rice so it heats more evenly. When assembling plates of leftover foods, use foods which have a similar starting temperature.

#### Covering Foods —

Most foods need to be covered with one sheet of absorbent paper towel to hold in the heat and prevent splattering without steaming. When more moisture is desired, cover with plastic wrap.

#### Heating —

Reheating is usually done on High, however, if food has a more delicate texture, like a baked custard, a lower power setting should be used. Medium for a little longer will be gentler on the food. An average plate of food would generally take 1 to 3 minutes to heat depending on the density of the food. Place it in for the minimum time and add extra heating time if required.

Ensure food is hot by feeling the bottom of the plate in the centre. If the plate is cool, food may be warm but will lose heat quickly as the plate will absorb the heat and taste cold when served.

If food is not heated enough, consumption may cause illness.

#### Elevation —

Elevate pastries and breads on a small plastic rack with paper towel under the food to prevent it from becoming soggy.

## IMPORTANT POINTS TO CONSIDER WHEN REHEATING FOODS FROM THE FREEZER

#### **VOLUME** —

The greater the volume and the more dense the item, the longer it takes to reheat. E.g. frozen cake will take less time than frozen casserole.

#### LARGE VOLUME —

Large, dense, frozen precooked foods are best thawed on defrost until icy in the centre then heated on Medium-High. This prevents overcooking of the edges. Stirring is often needed to distribute heat evenly.

#### Commercial frozen foods —

These foods should be removed from their foil containers if possible and placed into suitable microwave safe containers. If a foil container is used in the microwave oven it shouldn't be more than 4 cm high and must not touch the interior of the microwave oven. Remove the cover from the tray and replace with paper towel or plastic wrap to prevent splattering.

#### Foods to be served at room temperature —

For best results, defrost for a short time and allow to stand to complete thawing, e.g. frozen cake.

#### Vacuum sealed pouches —

Pierce pouches, bags before heating to allow steam to escape. This prevents bursting.

#### Containers —

Use dishes about the same volume of the food or slightly larger to allow for stirring. Remove or release snap seal lids other wise they will pop during heating and may disfigure.

#### Pies and pastries —

Pies and pastries that contain raw pastry and filling cannot be cooked in the microwave oven. Precooked products can be thawed and heated. Place them on a sheet of paper towel and elevate on plastic rack for best results. For added crispness place under the grill or in a hot oven for few minutes. Pastry items can become tough and rubbery if overheated, remember to allow 5 minutes standing then test before adding extra heating time.

## To Defrost

## **Turbo Defrost**

This feature allows you to defrost meat, poultry and seafood automatically by just setting the weight of the food.

Turbo Defrost

Start

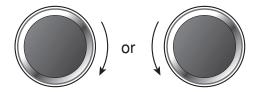
1 Press

Once

## 2 Set Weight

(max 3.0 kg).

The shape and size of the food will determine the maximum weight the oven can accommodate. The recommended maximum weight of food depends on the oven cavity size.





Defrost time appears in the Display Window and begins to count down.

#### NOTE:

The oven will beep once or twice during the total defrosting time. This indicates that food should be turned, broken apart or removed (see defrosting techniques on page 13). After attending to food, close door and press Start to resume defrosting.

## **Defrost by Micro Power and Time Setting**

This feature allows you to defrost meat, poultry and seafood by power and time.



## **Defrosting Tips and Techniques**

### **Preparation for Freezing:**

- 1. Heavy-duty plastic wraps, bags and freezer wrap are suitable.
- 2. Freeze meats, poultry and fish in packages with only 1 or 2 layers of food. To aid in separating layers, place two pieces of wax paper between them.
- 3. REMOVE ALL AIR and seal securely.
- 4. LABEL package with type and cut of meat, date and weight.
- 5. Defrosting times given in the charts are for thoroughly frozen foods (i.e. at least 24 hours in freezer maintained at -18°C or lower).

## **Defrosting Technique:**

- 1. Remove from wrapper and set on a defrosting rack in a dish on Glass Tray.
- 2. Throughout the defrosting time, the oven will "beep", turn over all meat, poultry, fish and shellfish. Break apart stewing meat, chicken pieces and minced meat. Separate chops and hamburger patties. Remove defrosted minced meat, stewing meat, poultry pieces or prawns etc. Shield thin ends of roasts, poultry legs and wings, fat or bones with foil.
- 3. After defrosting, large roasts may still be icy in the centre. Let stand, 15 to 30 minutes, in refrigerator to complete defrosting.

## Defrosting Chart (by setting time):

FOOD	APPROX. TIME (minutes per 500 g)	INSTRUCTION
MEAT Beef		
Minced Beef Roast: Topside Beef Tenderloin Chuck or Rump Sirloin, rolled Steak Miscellaneous Pork/Lamb Roast Chops Ribs	8 - 11 12 - 15 12 - 15 10 - 13 11 - 14 8 - 10 8 - 12 9 - 12 8 - 11 8 - 12	Halfway through the defrost cycle, break apart minced beef, separate chops and remove meat that is defrosted.  Turn meat over two to three times during defrosting.  Shield edges and unevenly shaped ends of roasts halfway through the defrost cycle.  Large roasts may still be icy in centre. Let stand.
POULTRY Chicken whole pieces fillets Duck Turkey	9 - 12 8 - 11 8 - 10 10 - 12 10 - 13	Turn poultry over two to four times during defrosting. Halfway through the defrost cycle, shield end of drumsticks, wings, breast bones and ends of poultry with foil.  Break apart chicken pieces and remove small pieces such as wings, which may be defrosted before larger pieces.  Rinse poultry under cold water to remove ice crystals. Let stand 5 to 10 minutes, before cooking.
FISH & SHELLFISH Fish Fillets Whole Fish Crabmeat Lobster Tails Sea Scallops Green Prawns	9 - 11 9 - 12 8 - 10 8 - 10 8 - 10 10 - 12	Halfway through the defrost cycle, turn whole fish or blocks of fillets over. Also, break apart prawns or scallops. Remove any pieces that are defrosted.  Let stand, 5 to 10 minutes, before cooking.

## To Reheat Food Using Auto Cook

## 1 Press Desired Food Category Pad until the required weight/serving size appears in the Display Window

e.g. Beverage press once - 1 cup is displayed press twice - 2 cups Auto Frozen Beverage Reheat Reheat or 1. Press 250g 250g 1 cup 2. Presses 450a 450a 2 cups 3. Presses 650g 650g 3 cups 4. Presses 850a 850a 4 cups Start  $\Diamond$ **Press** Cooking time appears in the Display Window and begins to count down. Or Auto Frozen Beverage Reheat Reheat or or **Press Desired Food Category Pad once** 

2 Turning

to set desired serving/weight

Start

3 Press



Cooking time appears in the Display Window and begins to count down.

#### Auto Reheat (250 g - 850 g)

- All foods must be pre-cooked. Suitable for casseroles, plated dinners, soups, stews, pasta dishes (except lasagne), and canned foods.
- Foods should be reheated from room temperature or refrigerator temperature. Do not reheat frozen foods on this setting.
- Foods should be covered loosely but completely with plastic wrap or a casserole lid which does not snap seal.
- Foods weighting less than 200 g and more than 900 g should be reheated by Micro Power and Time only.
- All foods should have a covered stand time of 3 to 5 minutes at the end of reheating.
- Do not reheat bread or pastry products; raw; uncooked or frozen foods; or beverages.
- Halfway through the cooking time, the oven will 'beep' to prompt you to stir or rearrange the foods. At the end
  of the cooking time, stir and let stand for 3 to 5 minutes.

### Frozen Reheat (250 g - 850 g)

- Suitable for reheating pre-cooked soups, stews, casseroles, roast dinners, pasta dishes (except lasagne) and rice dishes from frozen temperature.
- · This setting is not suitable for reheating frozen bread or pastry products, raw or uncooked foods or beverages.
- Remove convenience foods from foil or plastic packaging and place in an appropriate size dish.
- · Cover dish with plastic wrap or a lid which does not snap seal.
- Halfway through the cooking time, the oven will 'beep' to prompt you to stir or rearrange the foods. At the end of the cooking time, stir and let stand for 3 to 5 minutes.

#### Beverage (250 ml - 1000 ml)

• Suitable for reheating beverage (milk, coffee, tea, etc.) from room temperature or fridge temperature. At the completion of heating, stir carefully.

Note: 1 cup = 250 ml of beverage

# To Cook Food Using Auto Menu Cooking

Auto Menu

1 Press



Pad once

2 Turning



to Select Desired Food Category and Serving/Weight

Turning the Time/Weight and Auto Menu Dial until the required food category/Weight/serving appears in the Display window (see below chare)

Food Category	Nu	Number Display		Serving/Weight				
Vegetables	1-1	1-2	1-3	1-4	120 g	180 g	250 g	370 g
Frozen Vegetables	2-1	2-2	2-3	2-4	120 g	250 g	500 g	750 g
Potatoes	3-1	3-2	3-3	3-4	250 g	370 g	500 g	900 g
Dried Pasta	4-1	4-2	4-3	4-4	150 g	250 g	375 g	500 g
Rice	5-1	5-2	5-3	5-4	1 cup	1.5 cups	2.0 cups	2.5 cups
Noodles	6-1	6-2	6-3	6-4	200 g	350 g	500 g	800 g
Fish	7-1	7-2	7-3	7-4	120 g	250 g	370 g	500 g
Chicken Pieces	8-1	8-2	8-3	8-4	0.4 kg	0.6 kg	0.8 kg	1.0 kg

Start

3 Press

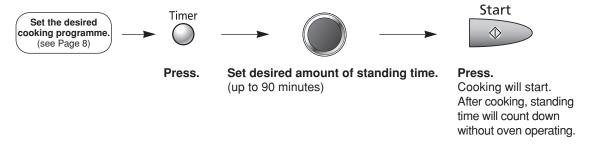
Cooking time appears in the Display Window and begins to count down.

## To Use Timer

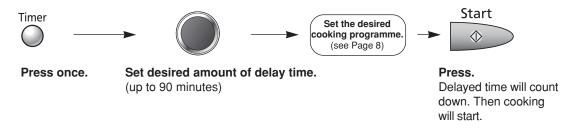
### To Use as a Kitchen Timer



## To Set Standing Time



## To Set Delay Start



#### NOTES:

- 1. If oven door is opened during the Standing Time or Kitchen Timer, the time in the Display Window will continue to count down.
- Delay Start and Standing Time cannot be programmed before any Auto Control function.
   This is to prevent the starting temperature of the food rising before defrosting or cooking begins.
   A change in the starting temperature could cause inaccurate results.

## Microwave Recipe Preparation and Techniques

Microwaves penetrate the surface of the food to a depth of about two to three centimetres and then the heat is gradually conducted in a random pattern. Some parts of food matter cook faster than others. Special microwave techniques are used to promote

fast and even cooking. Some of these techniques are similar to those used in conventional cooking, but because microwaves produce heat very quickly the following techniques are extremely important. It's a must for you to be familiar with the following tips.

### **Food Characteristics**

#### Size and Quantity

Small portions cook faster than large portions. As you increase the quantity of food you put into the microwave oven, you must also increase your cooking time. The microwave oven has the same power regardless of quantity; thus the power is divided between more items and so it takes longer to cook. As a general guide, if you double the quantity of food suggested in the recipe, add half the time suggested again.

#### **Liquid Content**

Low moisture foods take a shorter time to cook than foods with a lot of moisture.

#### Shape

Uniform sizes cook more evenly. To compensate for irregular shapes, place thin pieces towards the centre of the dish and thicker pieces towards the outer edge of the dish.

#### Bone and Fat

Bones conduct heat and cause the meat next to them to be heated more quickly. Large amounts of fat absorb microwave energy and the meat next to these areas may overcook.

#### **Starting Temperature**

Food which has been sitting at room temperature takes less time to cook than refrigerated or frozen food.

#### **Density and Composition**

Porous, airy foods (cakes and breads) take less time to cook than heavy compacted foods (meat and vegetables). Recipes high in fat and sugar content cook more quickly.

### **Techniques for Preparation**

#### Timing

A range of cooking times is given in each recipe for two reasons. First, to allow for the uncontrollable differences in food shapes, starting temperatures and personal preferences. Secondly, these allow for the differences in electrical voltage input which changes during peak load periods. Always remember that it is easier to add time to undercooked food. Once the food is overcooked, nothing can be done. For each recipe, an approximate cooking time is given.

#### Stirring

Stirring is often necessary during microwave cooking. We have noted when stirring is helpful in the recipes. Always bring the outside edges towards the centre and the centre portions to the outside.

### Rearranging or Turning

Some foods should be turned in the container during cooking. For example, because of the different thicknesses in the breast and back sections of poultry, it is a good idea to turn poultry over once to ensure more even cooking.

Rearranging or turning over uneven shaped food in the dish should be done as suggested to ensure a satisfactory result. Rearrange small items such as chicken pieces, prawns, hamburger patties, steak or chops. Rearrange pieces from the centre to the edge of the dish.

### Cooking in Layers

Cooking in layers is not always successful as it takes twice as long to cook a single layer and cooking may be uneven. You can successfully reheat two dinner plates of food at one time but remember to increase the reheating time and use a microwave warming rack.

#### **Piercing of Foods**

Pierce the skin or membrane of foods when cooked whole in the microwave oven. This allows steam to escape. If the skin has not been pierced, food may burst.

#### **Cured Meats**

Cured meats may overcook in some areas due to the high concentration of salts used in the curing process. So take care when cooking different brands of bacon as cooking times may vary slightly.

## Microwave Recipe Preparation and Techniques

#### Covering

Covering food minimizes the microwave cooking time.

Because microwave cooking is done with time and not direct heat, the rate of evaporation cannot be easily controlled. However, this can be corrected by using different materials to cover dishes. Plastic wrap is the best substitute for a lid as it creates a tighter seal and so it retains more heat and steam. Wax paper and paper towels hold the heat in but not the steam. These materials also prevent splattering. Use a paper towel, wax paper or no cover when steam is not needed for tenderising.

#### **Browning**

Meats and poultry, when cooked longer than 10 to 15 minutes, will brown from their own fat. Foods cooked for shorter periods of time can be aided with the help of a browning sauce, worcestershire sauce or soy sauce. Simply brush one of these sauces over meat or poultry before cooking. Baked goods do not need long cooking time and therefore, do not brown. When cakes or cupcakes are iced, no one will notice the visual difference. For cakes or cupcakes, brown sugar can be used in the recipe in place of caster sugar or the surface can be sprinkled with dark spices before baking.

#### **Standing Time**

The moisture molecules continue to vibrate in the food when the microwave oven has turned itself off. After all, the molecules were vibrating at 2,450,000,000 times per second during cooking. So cooking continues even after the food is no longer being exposed to the microwaves whether in or outside your microwave oven.

Standing time refers to the time it takes (after the microwave time is completed) to allow the interior of the food to finish cooking.

The amount of standing time varies with the size and density of the food. In meat cookery, the internal temperature will rise between 5°C and 10°C if allowed to stand covered for ten to fifteen minutes. Rice and vegetables need shorter standing time, but this time is necessary to allow foods to complete cooking in the centre without overcooking on the edges.

The power level used in microwave cooking also determines the standing time. For example, when using a lower power level the standing time is shorter because of a lower concentration of heat in the food. Foods should always be kept covered while standing in order to retain the heat. If a longer standing time is required (while you cook another food to serve with the first, for instance), cover with aluminum foil.

# Converting Your Favourite Conventional Recipes for Microwave Cooking

When adapting conventional recipes for microwave cooking, times are reduced considerably. For example, a chicken which takes 1 hour to cook in a moderate oven will take 20 to 30 minutes on Medium Power in your microwave oven.

Use similar microwave recipes to help you adapt conventional recipes. Remember, it is always best to undercook a recipe and then add an extra minute or two to finish it off.

Here are some other tips that may help:

- Reduce liquids in a conventional recipe by one half to two thirds, e.g. 1cup (250 ml) should be reduced to ½ cup (125 ml).
- Add more thickening such as flour or cornflour to sauces and gravies if you do not reduce the liquid.
- Reduce seasonings slightly in a recipe where ingredients do not have time to simmer by microwave.
- Do not salt meats, poultry or vegetables before cooking; otherwise, they will toughen and dry out.
- If one ingredient takes longer to cook than the others, precook it in the microwave oven first.
   Onion, celery and potato are examples.
- When cooking meat or vegetables, omit any oil or fat that would have been used for browning in a conventional recipe.
- Reduce leavening agents for cakes by one quarter and increase liquids by one quarter.
- Biscuits require a stiff dough. Increase flour by about 20 percent. Substitute brown sugar for white sugar and use biscuit recipes that have dark spices or require icing. Because of the short cooking time, biscuits don't have to brown. Chill dough for half an hour before baking. This produces a crisper biscuit. Bake biscuits on a glass tray lined with greaseproof paper.
- Since microwaves penetrate foods about two centimetres from the top, bottom and sides, mixtures in round shapes and rings cook more evenly. Corners receive more energy and may overcook.
- Items with a lot of water, such as rice and pasta, cook in about the same time as they would on a conventional stove. (Refer to Rice and Pasta chapter.)

Select recipes that convert easily to microwave cooking such as casseroles, stews, baked chicken, fish and vegetable dishes. The results from foods such as grilled meats, cooked souffles or two-crust pies could be less than satisfactory. Never attempt to deep fry in your microwave oven.

## Microwave Recipe Techniques

# Menu Planning for Microwave Cooking

### How to Keep Everything Hot at The Same Time

Plan your meals so that the food will not all need last minute cooking or attention at the same time. The special features of microwave cookery make it easy to serve meals with everything piping hot. Cooking of some foods may be interrupted while you start others, without harming the nutritional value or flavour of either.

A recipe which requires standing time can be microwaved first and another food cooked while it stands. Dishes prepared in advance can be reheated briefly before serving.

It does take some experience and time to cook with confidence. Microwaves are fast so you will have to do some experimenting. You might find you will use your conventional range in conjunction with your microwave oven. For example, while cooking the roast in the microwave oven, you can be cooking the vegetables and gravy on the range top. This can also be done the other way around. Prepare your meals as follows.

- Firstly, cook the most dense item (roast or casserole). Drain and retain meat juice from joints then cover with foil.
- 2. Cook the potatoes, rice or pasta.
- 3. Cover with foil for standing.
- 4. Cook greens and other vegetables.
- 5. Cover with foil for standing.
- Cook the gravy with the retained meat juices, stock and thickening.
- 7. Carve the roast and serve the vegetables and gravy.

While you are learning to plan meals, you may get a bit behind time. Don't worry. Dinner servings may be suitably reheated on Medium, for 1 to 2 minutes per serving.

If you prefer not to use foil, cover food with saucepan lids. A metal lid will retain the heat for at least 15 minutes

Meanwhile, how can you cook all the vegetables at the same time? Simply place potatoes and pumpkin in one dish and less dense vegetables such as broccoli, cabbage, cauliflower, beans and peas in another. Sprinkle greens with water. Cover with a lid or plastic wrap. Cook on High for approximately 6 to 8 minutes for a serving for four people. Remember, if you increase the quantity of vegetables, increase the cooking time. Fresh and frozen vegetables can be mixed on a vegetable platter, but remember the latter are not as dense as fresh vegetables, as they have been blanched before freezing.

If vegetables are cut to a similar size, they can be cooked in separate ramekins or small dishes at the same time.

### **Increasing & Decreasing Recipes**

#### Increasing

- To increase a recipe from 4 to 6 servings, increase each ingredient listed by half.
- To increase a recipe from 4 to 8 servings, double each ingredient listed.
- For larger quantities of a recipe, a large dish should be used. Make sure that the dish is deep enough to prevent the recipe from boiling over during cooking.
- Make sure to cover, stir or rearrange food as directed in the recipe and always check the food during cooking.
- Increase standing times by 5 minutes per 500g.
- Use the same Power Level recommended in the original recipe.
- Increase the cooking times by: ½ of original cooking time for 6 servings; and an extra ½ of original cooking time for 8 servings.

#### **Decreasing**

- To decrease a recipe from 4 to 2 servings, decrease each ingredient listed by half.
- For small quantities, a small dish should be used.
   Make sure that the dish is large enough to prevent the recipe from boiling over during cooking.
- Use the same Power Level recommended in the original recipe.
- Decrease the cooking times by ½ to ½ of the original cooking time.

### Cooking for One

- To decrease a recipe from 4 to 1 serving, quarter each ingredient listed.
- A smaller dish should be used, making sure that the dish is still large enough to prevent the recipe from boiling over.
- Use the same Power Level recommended in the original recipe.
- Quarter the original cooking times, then add extra time, if needed.
- Make sure to cover, stir or rearrange food as directed in original recipe and always check the food during cooking.

## Converting Recipes from Other Sources

When the recipe is written with a wattage different than your oven, adjust the cooking time by approximately 10% per 100 watts, e.g. 6 minutes would be adjusted by 36 seconds. Alternately, adjust the power level by one level. If your wattage is higher than the recipe: (1) Adjust time downward or (2) Adjust power level downward. If your wattage is lower than the recipe: (1) adjust time upward or (2) adjust power level upward (when possible).

## **Everyday Basics**

#### GRANOLA CEREAL

Makes: approximately 4 cups

Ingredients:

2 cups oats

% cup chopped nuts % cup wheat germ ½ cup brown sugar

¼ cup honey

1 teaspoon vanilla essence

½ cup raisins

Method:

1. Place oats in 2-litre casserole dish, cook on High for 2 to 3 minutes, stirring twice.

 Add nuts, wheat germ, and brown sugar. Stir in honey and vanilla. Cook on High for 3 to 5 minutes, stirring twice during cooking.

3. Add raisins, coconut and allow to cool. Stir to a crumble texture. Store in an airtight container.

#### TOMATO AND ONION

Serves 4

Ingredients:

approx. 3 tomatoes, thinly sliced

onion, thinly sliced

½ teaspoon basil

salt and pepper to taste

#### Method:

- 1. Place all ingredients into 2-litre casserole dish.
- 2. Cook, covered, on High for 6 to 8 minutes. Serve with barbequed steak or grilled meat.

#### SCRAMBLED EGGS

Serves: 2

Ingredients:

4 x 61 g eggs 4 tablespoons milk

pinch of salt

#### Method:

- In a 1-litre casserole dish, beat eggs lightly with whisk. Add milk and salt. Whisk until well combined. Cover dish with plastic wrap and cook on Medium for 2 to 2½ minutes.
- 2. Stir eggs and cook for further 2½ to 3 minutes. Stand, covered, for 1 minute before serving.

#### HINT:

TO COOK BACON RASHERS:

Place bacon between 2 sheets of paper towel on a pie plate and cook on High for 2 to 3 minutes.

#### HINT:

TO COOK PAPPADUMS:

Place on paper towel lined microwave safe plate. Cook on High for 15 to 20 seconds for each pappadum, turning halfway through cooking. Allow to stand 1 minute before serving.

#### POACHED EGGS

Serves: 2 Ingredients:

½ cup hot tap water

dash of vinegar pinch of salt

2 x 61 g eggs

#### Method:

 Place one quarter of a cup of water, dash of vinegar and pinch of salt into 2 ramekin dishes or small glass bowls.

2. Break egg into the water and with toothpick pierce the egg yolk twice and egg white several times.

 Cover dishes with plastic wrap and cook on Medium for 1 to 1½ minutes.
 Stand, covered, for 1 minute before serving.

Note: The size of the eggs will alter cooking time.

#### GRAVY

Makes: 2 cups (500 ml)

Ingredients:

2 tablespoons dripping or pan juice

1 small onion, finely chopped

2 tablespoons flour

1 tablespoon 1½ cups tomato paste beef stock, divided salt and pepper

#### Method:

1. Place dripping or pan juices and onion in a 2-cup jug. Cook on High for 2 minutes.

- Add flour, tomato paste and half of the beef stock. Stir well. Cook on High for 2 minutes. Add remaining stock.
- Stir well and cook on High for a further 2 minutes. Season with salt and pepper. Serve with the meat of your choice.

### **BASIC WHITE SAUCE**

Makes: 1 cup Ingredients:

2 tablespoons butter 2 tablespoons flour

salt and white pepper

1½ cups milk

#### Method:

- Place butter in a 4-cup jug. Cook on High for 30 to 40 seconds.
- Stir in flour, salt and pepper. Gradually add milk, stirring until smooth.
- 3. Cook on High for 3 to 4 minutes, stirring twice.

**Tip**: For cheese sauce, stir in ½ cup grated cheese once sauce has thickened.

#### HINT:

TO DRY FRESH BREADCRUMBS:

Place 1 cup (250 ml) of breadcrumbs on the base of plate and heat on High for 2 to 3 minutes, stirring once during heating.

## Soups and Snacks

### CHICKEN AND PRAWN LAKSA

Serves: 4

Ingredients:

Soup:

2 tablespoons
400 ml
1 litre
1 tablespoon
2 tablespoon
2 tablespoon
3 laksa paste coconut milk chicken stock soy sauce

fresh ground black pepper

Laksa:

250 g rice noodles 8 cups boiling water

1 bunch coriander, leaves chopped 4 small red chillies, seeds removed

and finely chopped

½ cup bean sprouts
4 limewedges
1 tablespoon peanut oil

400 g cooked chicken tenderloins, sliced

12 green king prawns, peeled

### Method:

## Soup:

Place the laska paste, coconut milk, stock, soy sauce and pepper into a 3-litre dish and cook covered on High for 10 to 12 minutes.

#### Laksa:

Place the noodles and water in a 4 litre dish. Cover and cook on High for 2 to 3 minutes, stirring halfway through. Drain well and divide between 4 deep bowls. Place the coriander, chillies, bean sprouts and lime on top. Place the peanut oil and prawns in a 1-litre dish and cook on Medium for 3 to 5 minutes, stirring halfway through. Add the chicken and prawns to each individual bowl and set aside.

#### To serve:

Heat soup on High for 2 minutes. Pour the hot soup over the ingredients in the 4 bowls and serve.

#### **ZUCCHINI SLICE**

Serves: 4 to 6

#### Ingredients:

4 rashers bacon, diced
1 onion, diced
2 cups grated zucchini
2 cups grated carrot
1 cup grated tasty cheese
1 cup self raising flour
5 eggs, lightly beaten
125 ml vegetable oil

1 tablespoon fresh chopped parsley

salt and pepper

#### Method:

Lightly grease a 25 cm square microwave safe dish. Place bacon and onion in a 2-litre casserole dish and cook on High for 2 to 3 minutes. Allow to cool slightly. Stir in zucchini, carrot and cheese and flour. In a 1-litre bowl whisk together eggs, oil and parsley. Add to bacon mixture season with salt and pepper and stir until combined. Pour into prepared dish. Cook on Medium for 32 to 34 minutes.

#### NACHOS SUPREME

Serves: 4 to 6

Ingredients:

500 g topside mince

35 g packet taco seasoning mix

½ cup tomato paste

1 teaspoon Mexican chilli powder

310 g red kidney beans, mashed in liquid

180 g packet corn chips

1 avocado ½ cup sour cream ½ cup grated cheese

paprika

#### Method:

Place meat in a 2-litre dish. Cover and cook on High for 6 minutes, stirring halfway through. Mix with fork, breaking up any large pieces of meat. Add taco mix, tomato paste, chilli powder and kidney beans. Cook on Medium for further 10 minutes, stirring halfway through cooking. Place corn chips in a 3-litre microwave suitable serving dish. Pile meat sauce in the centre. In a small bowl, mash avocado and mix in sour cream. Spoon this mixture over meat sauce and top with grated cheese. Sprinkle with paprika. Heat on Medium for 3 to 4 minutes.

#### **NUTS AND BOLTS**

Serves: 6 to 8

Ingredients:

80 g butter 2 teaspoons curry powder

2 tablespoons worcestershire sauce

½ teaspoon sal

1/4 teaspoon garlic powder

100 g packet mixed rice crackers

100 g
200 g
125 g
fried noodles
salted peanuts
packet pretzel sticks

½ cup Nutri-Grain

#### Method:

Place butter, curry, worcestershire sauce, salt and garlic powder in a 3-litre casserole dish. Cook on High for 2 to 3 minutes. Add remaining ingredients, mix well and cook on High for 4 to 5 minutes. Stir twice through cooking. Allow to cool. Place in a bowl and serve with drinks. Store in an airtight container once cool.

## **Soups and Snacks**

#### PUMPKIN SOUP

Serves: 4

#### Ingredients:

1 kg pumpkin diced 1 onion, diced 2 cups chicken stock 1 teaspoon curry powder pepper

#### Method:

Place pumpkin and onion in a 2-litre casserole dish. Cover and cook on High for 12 minutes. Add chicken stock, curry powder and pepper. Cook on High for 10 minutes. Cool slightly. Purée pumpkin and liquid in blender or food processor. Pour into individual serving dishes and garnish with chives.

#### SHORT AND LONG SOUP

Serves: 4

#### Ingredients:

200 g fresh singapore noodles
12 (200 g) frozen mini dim sims
4 green onions, sliced
1 litre chicken stock
1 teaspoon crushed garlic
½ teaspoon chopped ginger
2 tablespoons soy sauce

1 chicken breast, cooked and sliced 4 baby bok choy, quartered

1 cup bean sprouts

2 tablespoons dried onion (optional)

#### Method:

Place all ingredients except bok choy and bean sprouts in a 4 litre casserole dish and cook on High for 14 minutes. Add bok choy and cook on High for 4 minutes. Serve in individual bowls topped with bean sprouts and onion.

#### HINT:

To cook 1 double chicken breast. Place onto a dinner plate. Cover and cook on Medium for 8 to 10 minutes.

### PEA AND HAM SOUP

Serves: 6

#### Ingredients:

2½ cups green split peas 850 g smoked ham hock 1 medium onion, chopped 1 tablespoon fresh thyme leaves

1 bay leaf 6 cups chicken stock ½ cup frozen peas

#### Method:

Wash split peas and place in a 2-litre capacity bowl with 1-litre of water. Cover and allow soaking for 8 hours or overnight. Remove rind from ham hock and discard. Cut meat away from the bone and roughly chop. Reserve bone. Drain peas and place into a 5-litre capacity microwave safe dish. Add ham bone, chopped ham, onion, thyme, bay leaf and chicken stock. Cook uncovered on High for 15 minutes. Reduce power to Medium and cook for 20 minutes. Skim top of soup and cook on Medium for a further 60 minutes. Remove ham bone and bay leaf and stir in frozen peas. Cook on Medium for 10 minutes. Blend half the soup and return to the bowl, stirring through the remaining soup. Serve hot with crusty bread.

#### Tip:

Substitute 500 g bacon bones and 250 g of diced bacon rashers for the ham hock.

Do not add salt when cooking lentils or pulses, as they will toughen. Add salt after cooking if desired.

### POTATO AND LEEK SOUP

Serves: 4 to 6

### Ingredients:

800 g potatoes, peeled and diced

1½ cups thinly sliced leeks
2 teaspoons fresh thyme
pepper
2 cups chicken stock

150 ml cream

#### Method:

Place potatoes, leeks, thyme and pepper in 4-litre casserole dish. Cover and cook on High for 8-10 minutes. Stir in chicken stock. Cover and cook on High for 14 to 16 minutes. Purée soup mixture. Stir in cream and serve hot or cold in individual bowls.

## Fish and Shellfish

### Directions for Cooking Fish and Shellfish by Micro Power

Clean fish before starting the recipe. Arrange fish in a single layer, do not overlap edges. Prawns and scallops should be placed in a single layer. Cover dish with plastic wrap. Cook on the power level and for the minimum time recommended in the chart below. Halfway through cooking rearrange or stir prawns or scallops.

## Cooking Fish and Shellfish by Micro Power

FISH OR SHELLFISH	AMOUNT	POWER	APPROX. COOKING TIME (in minutes)
Fish Fillets	500 g	Medium	5 to 7
Scallops (sea)	500 g	Medium	5 to 7
Green Prawns medium	500 g	Medium	5 to 7
size (shelled and cleaned)			
Whole Fish (stuffed or unstuffed)	500 g to 900 g	Medium	6 to 8

### LEMON PEPPER FISH

Serves: 2

### Ingredients:

300 g fish fillets ¼ cup lemon juice 1 teaspoon black pepper

#### Method:

- 1. Place fish fillets, lemon juice and black pepper in a 1-litre casserole dish.
- Cover with plastic wrap and cook on Medium for 4 to 6 minutes.
- 3. Let stand for 3 minutes before serving.

#### SWEET SCALLOP STIR FRY

Serves: 2 to 4

#### Ingredients:

1 tablespoon oil

1 onion, quartered
½ teaspoon crushed garlic
½ red capsicum sliced
2 sticks celery sliced
2 tablespoons sliced water chestnuts

100 g snow peas 1 tablespoon honey

1 tablespoon1 tablespoonchopped coriander

500 g scallops

#### Method:

- 1. Place oil, onion and garlic into a 2-litre dish. Cook on High for 1-2 minutes.
- 2. Add remaining ingredients and cook on High for 5-7 minutes, stir halfway through cooking.
- 3. Serve immediately.

#### SALMON STEAKS WITH LIME

Serves: 4

#### Ingredients:

60 g butter

1 clove garlic, crushed 1 teaspoon grated fresh ginger 1 teaspoon grated lime rind 2 tablespoons lime juice ½ teaspoon sugar

4 (500 g-600 g) salmon, steaks

#### Method:

- Place butter, garlic, ginger, rind, juice and sugar in a shallow dish. Cook on High for 1-2 minutes. Stirring halfway through cooking.
- Add salmon steaks and coat with sauce. Cover and cook on Medium for 4-6 minutes. Stand for 2-3 minutes before serving.

#### GARLIC PRAWNS

Serves: 2

### Ingredients:

60 g butter

1 clove garlic, crushed 1 tablespoon lemon juice

1 tablespoon chopped parsley
500 g peeled green prawns

#### Method:

- 1. Place butter and garlic in a 1-litre dish and cook on High for 40 -60 seconds.
- Add lemon juice, parsley and prawns. Cook on Medium for 5-7 minutes, stirring halfway through cooking. Serve immediately.

## **Poultry**

### **Cooking Whole Poultry by Micro Power**

Season as desired, but salt <u>after</u> cooking. Browning sauce mixed with equal parts of butter will enhance the appearance.

Poultry may be stuffed or unstuffed. Tie legs together with cotton string. Place on a microwave rack set in a rectangular dish. Place poultry breast-side down: turn over halfway through cooking. Cover with wax paper to prevent splattering.

If the poultry is not cooked enough, return it to the oven and cook a few more minutes at the recommended power level.

DO NOT USE A CONVENTIONAL MEAT THERMOMETER IN THE MICROWAVE OVEN. Let stand, covered with foil, 10 to 15 minutes after cooking. Standing time allows the temperature to equalize throughout the food and finishes the cooking process.

If a large amount of juice accumulates in the bottom of the baking dish, occasionally drain it. If desired, reserve juices for making gravy.

Less-tender birds should be cooked in liquid such as soup or broth. Use ½ cup per 500g of poultry. Use an oven cooking bag or a covered casserole. Select a covered casserole deep enough so that bird does not touch the lid.

If an oven cooking bag is used, prepare according to package directions. Do <u>not</u> use wire twist-ties to close bag. Use only nylon tie, a piece of cotton string, or a strip cut from the open end of the bag. Make six 2 cm slits on top of bag.

**Cooking Poultry Pieces by Micro Power** 

Cover with wax paper or paper towel. Use the chart below to determine recommended minimum cooking times.

Arrange pieces skin-side down and evenly spread in a shallow dish.

Turn or rearrange halfway through cooking. Shield wing tips, drumstick ends etc., if required.

Multiply the weight of the poultry by the minimum recommended minutes per 500 g. Programme Micro Power and Time.

After cooking, check the internal temperature of the bird with a microwave or conventional meat thermometer inserted into the muscle. Check temperature in both muscles. The thermometer should not touch bone. If it does, the reading could be inaccurate. A thermometer cannot be accurately inserted into a small bird. To check desired cooking of a small bird, juices should be clear and the drumsticks should readily move up and down after standing time.

During cooking, it may be necessary to shield legs, wings and the breast bone with foil to prevent overcooking. Wooden toothpicks can be used to hold foil in place.





## **Cooking Poultry by Micro Power**

POULTRY	POWER	TEMPERATURE AFTER COOKING	APPROX. COOKING TIME (minutes per 500 g)
Chickens	Medium	87°C	12 to 16
Chicken (pieces)	Medium	87°C	10 to 12
Turkey	Medium	87°C	12 to 18
Duck	Medium	87°C	12 to 17

## **Poultry**

#### CHICKEN SAN CHOY BAU

Serves: 4

Ingredients:

10 dried chinese mushrooms

2 teaspoons sesame oil

1 clove garlic, chopped 500g minced chicken

10 water chestnuts, finely chopped

227 g bamboo shoots, chopped

1 tablespoon soy sauce 2 teaspoons oyster sauce 2 tablespoons sherry

1 small iceberg lettuce

#### Method:

- Cover mushrooms with boiling water, stand for 30 minutes. Drain, remove stems and chop finely.
- 2. Place oil and garlic in a 2-litre casserole dish, cook on High for 50-60 seconds.
- Add chicken and cook on Medium for10-12 minutes. Add remaining ingredients except lettuce and cook on Medium for 6-8 minutes.
- Separate lettuce leaves, place tablespoons of mixture into each lettuce leaf. Serve immediately.

#### **APRICOT CHICKEN**

Serves: 4

#### Ingredients:

1 kg chicken drumsticks 40 g packet french onion soup

200 ml apricot nectar ½ cup dried apricot, halves

#### Method:

- 1. Combine all ingredients in a 2-litre casserole dish.
- Cook on Medium for 25-30 minutes, turning once during cooking. Serve chicken with rice or pasta.

## THAI RED CHICKEN CURRY

Serves: 4

#### Ingredients:

1 onion, chopped 2 tablespoons red curry paste

500 g chicken fillets, chopped 2 cups finely sliced vegetables

1 cup coconut milk

#### Method:

- 1. Place onion and curry paste in 3-litre casserole dish. Cook on High for 3 to 4 minutes.
- Add chicken and combine. Cook on Medium for 8 to 10 minutes, stirring once during cooking.
- Add vegetables and coconut milk. Stir well. Cover and cook on High for 4 minutes. Serve with Jasmine rice.

### HONEY SESAME WINGS

Serves: 4-6

#### Ingredients:

1 kg chicken wings 1 teaspoon chopped garlic 1 teaspoon chopped ginger 1/4 cup soy sauce 1/4 cup honey 2 tablespoons sesame seeds

#### Method:

- 1. Place all ingredients in a 2-litre bowl, stir until combined. Marinate for at least 2 hours.
- Remove chicken from marinade and place in a flat dish cook covered on Medium for 20-22 minutes.

#### GREEN PEPPERCORN CHICKEN

Serves: 4

#### Ingredients:

4 small single chicken breast fillets

2 tablespoons green peppercorns
1 tablespoon seeded mustard
1 teaspoon chicken stock powder

2 tablespoons lemon juice ½ cup cream

#### Method:

- Slice chicken fillets. Place chicken in a shallow 2-litre dish and cook on Medium 8-10 minutes. Stir halfway through cooking.
- Mix together remaining ingredients. Add to chicken, stir well. Cook on High for 2 to 3 minutes. Serve sauce over chicken.

### CHICKEN CACCIATORE

Serves: 4

#### Ingredients:

440 g can tomatoes

1/4 cup tomato paste

1 teaspoon minced garlic

1 onion, diced

2 teaspoons dried oregano

1 kg chicken drumsticks

#### Method:

- Place all ingredients in a 2-litre casserole dish. Stir until combined. Cover and cook on Medium for 15 to 18 minutes.
- Turn chicken and stir. Cook on Medium for 15 to 18 minutes.

## **Main Fare Meats**

## **Cooking Tender Cuts of Meat by Micro Power**

For best results, select roasts that are uniform in shape.

Place meat on a microwave rack in a suitable dish. Beef rib roast should be placed cut-side down. Other bone-in roasts should be placed fat-side down. Boneless roasts should be placed fat-side up. Halfway through cooking, turn roasts. Half hams should be shielded by wrapping an 8 cm wide strip of foil around the large end of the ham. Secure to the body of the ham with wooden toothpicks. Fold 3 cm over cut surface. For shank ham halves, shield shank bone by cupping it with foil. One third of the way through cooking, remove ham from oven and cut off skin. Turn fat side up and reshield edges. If desired, glaze last 10 to 20 minutes of cooking. Loosely cover baking dish with wax paper or paper towel to prevent splatter. If a large amount of juice accumulates in the bottom of the dish. drain occasionally. If desired, reserve for making gravy. Multiply the weight of the roast by the minimum recommended times per 500g. Programme Micro Power and Time.

Meats can be shielded at the beginning of cooking or halfway through cooking. If you wish to shield at the beginning of cooking, remove foil halfway through the cooking time. Beef and pork rib roasts should be shielded around the bones. Foil should extend about 5 cm down from bones. The shank and thin ends of boneless roasts should also be shielded. Make sure foil does not touch the sides of the oven, as arcing may occur. Canned hams should be shielded on the top cut-edge with a 3 cm strip of foil. Wrap strip of foil around ham and secure to body of ham with wooden toothpicks. Fold 2 cm over cut surface. After heating, check temperature using a meat thermometer. The thermometer should not touch bone or fat. If it does, the reading could be inaccurate. Lower temperatures are found in the centre of the roast and in the muscle close to a large bone, such as a pork loin centre rib roast. If the temperatures are low, return meat to the oven and cook a few more minutes at the recommended power level. DO NOT USE A CONVENTIONAL MEAT THERMOMETER IN THE MICROWAVE OVEN. Let stand, covered with foil, 10 to 15 minutes. During standing time the internal temperature equalises and the temperature rises 5°C to 10°C.

## Directions for Cooking Less-Tender Cuts of Meat by Microwave

Less-tender cuts of meat such as pot roasts should be cooked in liquid. Use ½ to 2 cups of soup, broth, etc. per 500 g of meat. Use an oven cooking bag or covered casserole when cooking less-tender cuts of meat. Select a covered casserole deep enough so that the meat does not touch the lid. If an oven cooking bag is used, prepare the bag according to package directions. Do not use wire or metal

twist-ties. Use the nylon tie provided, otherwise, use a piece of cotton string or a strip cut from the open end of the bag. Make six 2 cm slits in top of bag to allow steam to escape. Multiply the weight of the roast by the minimum recommended minutes per 500g as suggested in the chart below. Programme Power and Time. Turn meat over halfway through cooking. Meat should be tender when cooked.

## **Meat Chart for Microwave Cooking**

MEAT	POWER	APPROX. COOKING TIME (minutes per 500 g)
Beef		
Roasts Medium	Medium	12 to 14
Pot Roast	Medium	20 to 30
Pork		
Leg of Pork	Medium	15 to 18
Loin of Pork	Medium	15 to 18
Pork Chops	Medium	8 to 10
Lamb		
Medium	Medium	12 to 14
Well	Medium	15 to 18

## **Main Fare Meats**

#### CHILLI BEEF

Serves: 4

#### Ingredients:

500 g minced beef 1 onion, diced

1 clove garlic, crushed 35 g Pkt chilli seasoning mix 410 g can tomato puree

420 g can kidney beans, drained

#### Method:

- Place all ingredients in a 2-litre casserole dish. Mix well. Cook on High for 20-25 minutes. Stir halfway through cooking.
- 2. Serve in taco shells or in tortillas with salad and cheese

#### CHINESE BEEF AND VEGETABLES

Serves: 4

#### Ingredients:

400 g rump steak, sliced 1 teaspoon chopped ginger 1 clove garlic, crushed

1 tablespoon soy sauce
2 tablespoons Hoi Sin sauce
1/4 cup beef stock
2 cups sliced vegetables

#### Method:

- 1. Place steak, ginger and garlic in a 3-litre casserole dish. Cook on High for 1 minute.
- 2. In a 1 cup jug combine sauces with stock. Add to meat mixture. Cook on High for 1-2 minutes.
- 3. Add vegetables and cook on High for 4-5 minutes, stirring halfway through cooking.
- Let stand for 5 minutes before serving with rice or noodles.

#### **BEEF STROGANOFF**

Serves: 4

#### Ingredients:

1 onion, sliced

500 g rump steak sliced into ribbons

2 tablespoons
2 tablespoons
3 tomato sauce
worcestershire sauce
beef stock cube
sour cream
sliced mushrooms

#### Method:

- Place all ingredients (except sour cream and mushrooms) in 3-litre casserole dish. Stir until combined
- Cook on Medium for 10 to 12 minutes, stirring once during cooking. Add sour cream and mushrooms.
- 3. Stir and cook on Medium for 4 to 5 minutes.

### SPAGHETTI MEAT SAUCE

Serves: 4

#### Ingredients:

500 g minced beef onion, diced

1 clove garlic, crushed

420 g can tomatoes
½ cup tomato paste
2 tablespoons chopped basil

#### Method:

- 1. Combine all ingredients in a 3-litre casserole dish. Cook on High for 7-8 minutes, stir.
- 2. Cook on Medium for 16-18 minutes. Stirring halfway through cooking.
- 3. Serve over hot spaghetti.

### FRENCH ONION BEEF CASSEROLE

Serves: 4

## Ingredients:

1 onion, diced
1 teaspoon mixed dried herbs
200 g diced potatoes
500 g chuck steak, cubed
20 g french onion soup mix

⅓ cup tomato puree 2 cups beef stock

### Method:

- 1. Place onion and herbs in a 3-litre casserole dish. Cook on High for 1-2 minutes.
- Add remaining ingredients, stir until combined. Cover and cook on High for 10 minutes.
- Stir and cook on Medium for 20-25 minutes, stirring once during cooking.
- 4. Let stand 5 minutes before serving.

### BARBECUED MARINATED SPARE RIBS

Serves: 4

#### Ingredients:

1 kgpork spare ribs¾ cupfruit chutney¾ cuptomato sauce1 tablespoonsoy sauce

## 1 tablespoon worcestershire sauce

#### Method:

- 1. Place all ingredients in 3-litre casserole dish and marinate for several hours or overnight.
- 2. Cook ribs on Medium for 28 to 32 minutes, turning once through cooking.

## **Main Fare Meats**

#### MUSSAMAN BEEF CURRY

Serves: 4

Ingredients:

500 g round steak diced 1/3 cup mussaman curry paste

400 g potato diced 250 ml coconut milk 250 ml beef stock 1 tablespoon brown sugar

#### Method:

Place steak, curry paste and potato in a 3-litre casserole dish cook on High for 6 minutes. Add coconut milk, beef stock and brown sugar, stir, cook on Low for 40 minutes. Stir once during cooking serve with jasmine rice.

#### LAMB PILAU

Serves: 4 Ingredients:

1 tablespoon oil

1 large onion, sliced
600 g lean lamb, diced
400 g can tomato pieces
2 teaspoons garam masala
1 teaspoon dried thyme
1 cup long grain rice
600 ml hot chicken stock
150 g natural yoghurt

freshly ground black pepper

#### Method:

Place the oil and onion in a 3 litre dish. Cover and cook on High for 2 to 3 minutes. Add lamb, tomato pieces, garam masala, and thyme. Cover and cook on Medium for 10 minutes. Stir. Cook on Medium for a further 10 minutes. Add the rice and chicken stock and cook covered on Medium Low for a further 30 minutes or until the rice is tender. Stir in yoghurt, season with pepper and serve.

#### CORNED BEEF

Serves: 4

Ingredients:

1.5 to 1.7 kg
1 tablespoon
1 tablespoon
1 cloves

4 cloves
6 peppercorns
1 bay leaf
5 cups water

#### Method:

Rinse corned silverside under cold running water to remove excess salt. Place corned silverside in 4-litre casserole dish. Add remaining ingredients. Cover and cook on High for 10 minutes. Turn meat, cover and cook on Low for 1½ to 1½ hours. Stand corned silverside in cooking liquid for 10 minutes before carving.

**Note:** Depending on the size and shape of the silverside, it may require a further 10 to 15 minutes on Low.

#### GOULASH

Serves: 4

Ingredients:

onion, choppedclove garlic, crushed

1 tablespoon butter

2 tablespoons 1 teaspoon paprika 500 g tomato paste paprika lamb, diced

1 small capsicum, diced

1 cup beef stock 2 tablespoons flour 2 tablespoons water 2 tablespoons sour cream

#### Method:

Place onion, garlic and butter in 3-litre casserole dish. Cook on High for 2 minutes. Add tomato paste and paprika. Cook on High for a further 2 minutes. Add lamb, capsicum and stock. Cover and cook on Medium for 25 to 30 minutes, stirring halfway through cooking. Mix flour with 2 tablespoons of water and stir into goulash mixture. Cook on High for 1 to 2 minutes. Stir in sour cream and serve with pasta and rice.

#### LAMB KORMA

Serves: 4

Ingredients:

1 onion, diced 500 g lamb, cubed ½ cup korma curry paste 2 cups carrots sliced 250 ml tomato puree 250 ml beef stock 2 tablespoons natural yoghurt

#### Method:

Place onion, lamb, curry paste and carrot in a 3-litre casserole dish. Cook on High for 6 minutes. Add tomato puree and beef stock and stir, cook on Medium for 40 minutes, stirring once during cooking. Stir in yoghurt and serve with basmati rice.

#### **BEEF BOURGUIGNONNE**

Serves: 4 to 6

Ingredients:

750 g diced chuck steak 4 rashers bacon, diced 6 pickling, onions 2 teaspoons minced garlic 1/4 cup red wine 410 ml tomato puree beef stock ½ cup 1 teaspoon minced chilli 1 teaspoon dried tarragon

250 g button mushrooms, halved

#### Method:

Place all ingredients except mushroom in a 3-litre casserole dish, stir until combined. Cover and cook on Medium for 14 to 16 minutes. Stir and cook on Low for 28 to 30 minutes. Stir and add mushrooms halfway through cooking.

## **Vegetable Varieties**

### **Directions for Cooking Vegetables**

#### FRESH VEGETABLES BY MICRO POWER

Place vegetables in a casserole dish. Add 2 to 3 tablespoons of water per 500 g of vegetables. Add salt to water or add after cooking. Do not place salt directly on vegetables. Cover dish with glass lid or plastic wrap.

Cook on High according to time recommended in charts. Halfway through cooking, stir, turn vegetables over or rearrange.

Vegetables that are to be cooked whole and unpeeled, need to be pierced to allow steam to escape. Place vegetables on a paper towel lined dinner plate. Allow to stand, covered, according to the time indicated in the charts.

## FROZEN VEGETABLES BY MICRO POWER

Remove vegetables from package and place in an appropriate sized container. Vegetables frozen in a

pouch should be placed on a dish and the top pierced. Cook on High according to directions given in chart. Vegetables should be cooked covered with a lid or plastic wrap.

Halfway through cooking, stir, turn vegetables over or rearrange. Stir after cooking. Allow to stand for 2 to 3 minutes before serving.

#### DRIED BEANS OR PEAS BY MICRO POWER

Place hot tap water in 4-litre dish. Bring hot water to the boil on High for 10 to 12 minutes. Add beans and 2 tablespoons oil to water. Cook according to directions in chart. Stir. Allow to stand, covered, for 15 to 20 minutes.

**Note:** Beans such as red kidney beans and lima beans should be soaked overnight before cooking. 250 g of dried beans equals about 3 cups cooked beans. Use in place of canned beans.

## **Cooking Frozen Vegetables by Micro Power**

VEGETABLE	QUANTITY	COOKING PROCEDURE	APPROX. COOKING TIME (in minutes) on HIGH
Beans	250 g	Cook in covered 2-litre dish.	4 to 6
Broad Beans	250 g	Cook in covered 2-litre dish.	5 to 7
Broccoli (spears)	350 g	Cook in covered 2-litre dish.	5 to 7
Brussels Sprouts	250 g	Cook in covered 2-litre dish.	5 to 7
Carrots (baby)	250 g	Cook in covered 2-litre dish.	6 to 8
Cauliflower	500 g	Cook in covered 2-litre dish.	5 to 7
Corn (½ cob)	½ cob (75 g)	Cook in covered 2-litre dish.	3 to 4
Corn (cobs)	250 g	Cook in covered 2-litre dish.	5 to 7
Mixed Vegetables	250 g	Cook in covered 2-litre dish.	5 to 7
Peas	250 g	Cook in covered 2-litre dish.	4 to 6
Spinach	250 g	Cook in covered 2-litre dish.	4 to 6

## Cooking Dried Beans and Peas by Micro Power

ITEM	CONTAINER	AMOUNT OF HOT WATER	APPROX. TIME TO BOIL HOT WATER on HIGH (in minutes) COVERED	TO COOK BEANS on MEDIUM (in minutes) COVERED
Lentils (250 g)	4-litre dish	2 litres	10 to 12	15 to 20
Soup Mix (250 g)	4-litre dish	2 litres	10 to 12	15 to 20
Split Peas or Lentils (250 g)	4-litre dish	2 litres	10 to 12	20 to 25
Beans (250 g) Soaked overnight	4-litre dish	2 litres	10 to 12	25 to 30

# **Vegetable Varieties**

## **Cooking Fresh Vegetables by Micro Power**

Vegetables should be covered and cooked on High power for best results. Weights given are trimmed weights.

VEGETABLE	QUANTITY	COOKING PROCEDURE	APPROX. COOKING TIME (in minutes) on HIGH
Asparagus	250 g	Covered dish with 1/4 cup water.	3 to 5
Beans (finely sliced)	250 g	Covered dish with 1/4 cup water.	4 to 5
Beets	4 whole (1 kg)	Covered with 1 cup water in 4-litre dish. Stand after cooking - 5 mins.	14 to 18
Broccoli	500 g	Flowerets only, in covered dish with 1/4 cup water.	5 to 7
Brussels Sprouts	250 g	Covered dish with 1/4 cup water.	4 to 6
Cabbage	500 g	Shredded, with 1/4 cup water in covered dish.	6 to 8
Carrots	sliced finely 200 g	With ¼ cup water in covered dish.	3 to 5
Cauliflower	500 g	Flowerets with 1/4 cup water in covered dish.	5 to 7
Celery	6 stalks (400 g) cut in 1 cm angled pieces	With 1/4 cup water in covered dish.	4 to 6
Corn	2 ears (500 g) 4 ears (1 kg)	Brush with melted butter and cook in covered dish.	4 to 6 8 to 10
Eggplant	1 (500 g)	Dice with 1/4 cup water in covered dish.	4 to 6
Mushrooms	250 g (sliced)	Cook with 2 tablespoons butter in covered dish.	3 to 4
Onions	3 (200 g)	Cut in quarters with 1/4 cup water in covered dish.	5 to 7
Peas	250 g	Shell peas and place with 1/4 cup water in covered dish.	3 to 5
Potatoes-Mashed -Jacket	5 (500 g)	Peeled and quartered with ¼ cup water. Prick skins. Place on paper towel, cook uncovered.	6 to 8 7 to 9
Pumpkin	500 g	Peeled and cut into uniform pieces with 1/4 cup water in covered dish.	8 to 10
Spinach/Silver Beef	250 g	Remove stem, cut leaves into small pieces. Cook with ¼ cup water in covered dish.	3 to 5
Sweet Potato	500 g	In serving size pieces with 2 tablespoons butter in covered dish.	6 to 8
Turnips	500 g	Peeled and sliced finely with 1/4 cup water in covered dish.	6 to 8
Tomatoes	2 (300 g)	Sliced and cooked covered with 1 tablespoon butter in dish.	2 to 4
Zucchini	500 g	Cut in 2 cm pieces in covered dish.	5 to 7

## **Vegetable Varieties**

#### CAULIFLOWER IN WHITE SAUCE

Serves: 4

Ingredients:

500 g cauliflower flowerets

2 tablespoons water 2 tablespoons butter 2 tablespoons flour 1 cup milk

½ cup grated tasty cheese

#### Method:

- 1. Place cauliflower and water in a shallow casserole dish. Cover and cook on High for 6-8 minutes.
- Place butter in a 4 cup jug. Cook on High for 1-2 minutes, stir in flour and cook on High for 1 minute. Add milk gradually, stirring well and cook on High for 2-3 minutes. Stirring halfway through cooking.
- 3. Drain cauliflower, pour over sauce and sprinkle with cheese. Cook on High for 1-2 minute.

#### HONEY GLAZED CARROTS

Serves: 4

#### Ingredients:

500 g carrots thinly sliced

2 tablespoons brown sugar 2 teaspoons butter 2 tablespoons honey

#### Method:

 Combine all ingredients in a 2-litre casserole dish.
 Cover and cook on High for 6-8 minutes, stirring halfway through cooking.

#### **ORIENTAL VEGETABLES**

Serves: 4 to 6

#### Ingredients:

1 tablespoon oil

1 cup celery, sliced diagonally
1 large onion, cut into petals

1 green capsicum,

cut into 2.5 cm pieces

1 red capsicum,

cut into 2.5 cm pieces

1 cup sliced mushrooms 1 tablespoon Hoisin sauce 2 teaspoons soy sauce

#### Method:

- Place oil and vegetables in a 2-litre casserole dish.
   Stir well. Cook on High for 3 to 4 minutes, stirring halfway through cooking.
- Mix sauces together in 1-cup glass jug and cook on High for 1 minute. Pour over hot vegetables and mix well.

#### POTATO CASSEROLE

Serves: 4

#### Ingredients:

750 g peeled and sliced potatoes

1 cup sour cream

1/4 cup milk

3 green onions sliced2 bacon rashers, chopped

½ cup grated cheese

#### Method:

- Layer potatoes in a 2-litre casserole dish. Pour over combined sour cream and milk. Cook on High for 15-18 minutes.
- Top with spring onions, bacon and cheese. Cook on High for 5 minutes.

#### VEGETABLE CURRY

Serves: 4

### Ingredients:

onion sliced 1 2 tablespoons green curry paste sliced vegetables 3 cups 1 can (440 g) chick peas, drained coconut milk 1 cup 1 tablespoon lemon juice 1 tablespoon soy sauce chopped nuts 1/2 cup

#### Method:

- Place onion and curry paste in a 3-litre casserole dish. Cook on High for 2 minutes.
- Add remaining ingredients except nuts and stir. Cook on High for 4-5 minutes. Sprinkle with chopped nuts and serve.

#### STUFFED TOMATOES

Serves: 2

#### Ingredients:

2 (large) tomatoes

1/4 cup fresh breadcrumbs 1/2 cup grated cheese

4 green onions, finely sliced finely chopped parsley

salt and pepper

½ cup extra grated cheese

#### Method:

- Cut tops off tomatoes. Scoop out pulp of tomato with a teaspoon. Mix pulp with remaining ingredients, except extra cheese.
- Spoon mixture back into tomato shells. Sprinkle tomatoes with extra cheese.
- 3. Place tomatoes in 2-litre casserole dish and cook on High for 2 to 3 minutes. Serve.

**Tip:** To cook 4 stuffed tomatoes, cook on High for 6 to 8 minutes.

## Rice, Pasta and Cereal

## Cooking Rice and Other Grains by Micro Power

Follow directions in chart for recommended dish size, amounts of water and cooking time. Add grain to water. Add salt and butter according to package directions. Cook on High for time recommended in

chart. Allow to stand, covered, before serving. For special rice, substitute beef or chicken stock for water. Add cooked onion, mushrooms or crumbled bacon before serving.

ITEM	CONTAINER	AMOUNT OF WATER	APPROX. TIME TO COOK GRAIN on HIGH UNCOVERED (in minutes)	STANDING TIME (in minutes)
RICE				
Quick Cook Brown (1 cup)	4-litre dish	2⅓ cups	16 to 19	5
Brown (1 cup)	4-litre dish	3 cups	25 to 30	10
Long Grain (1 cup)	3-litre dish	2 cups	13 to 15	5
Short Grain (1 cup)	3-litre dish	2 cups	12 to 14	5
Jasmine (1 cup)	3-litre dish	2 cups	12 to 14	5

## **Cooking Pasta by Micro Power**

Follow directions in chart for recommended dish size, amount of water and cooking time. Boil water, with 1 teaspoon salt and 1 tablespoon oil. Add pasta and cook for time recommended in chart. Cook on

High. Test pasta for desired cooking before adding more time. Slightly undercook pasta that will be heated again in casserole. Stir and let stand, uncovered, 5 minutes.

ITEM	CONTAINER	AMOUNT OF BOILING WATER	APPROX. TIME TO COOK PASTA on HIGH UNCOVERED (in minutes)	STANDING TIME (in minutes)
Dried Fettuccine (250 g)	4-litre dish	6 cups	14 to 16	5
Elbow Macaroni, shells, etc. (250 g)	3-litre dish	4 cups	14 to 16	5
Fresh Spaghetti, Fettuccine (375 g)	4-litre dish	6 cups	6 to 8	5
Dried Spaghetti (250 g)	4-litre dish	4 cups	14 to 16	5
Fresh Tortellini, Ravioli (250 g)	4-litre dish	4 cups	8 to 10	5

Drain pasta after standing.

## **Cooking Hot Cereal by Micro Power**

Combine 1/4 cup of quick cooking oats, pinch salt and 3/4 cups hot tap water in a breakfast bowl.



Cook on High for 2 to 3 minutes, stirring halfway through cooking.



Let stand, 1 to 2 minutes, before serving. Top as desired with sugar or spices.

## Rice, Pasta and Cereal

#### **BACON AND ONION TORTELLINI**

Serves: 4

Ingredients:

600 a fresh tortellini 6 cups boiling water 1 onion, diced

1 clove garlic, crushed 3 rashers bacon, chopped

300 ml cream

1 tablespoon parmesan cheese 1 teaspoon chicken stock powder 2 tablespoons chopped parsley

ground black pepper Parmesan cheese, extra

#### Method:

- 1. Place pasta and water in a 3-litre casserole dish. Cook on High for 8-10 minutes. Stand covered for 2 minutes. Drain.
- 2. Place onion, garlic and bacon in a 2-litre casserole dish and cook on High for 5 minutes. Add cream, cheese, stock powder and parsley stir until combined.
- 3. Add pasta and cook on High for 2 minutes. Serve sprinkled with pepper and extra parmesan cheese.

#### **PESTO FETTUCCINE**

Serves: 4

#### Ingredients:

250 a dried fettuccine 6 cups boiling water

2 cloves garlic, crushed

basil leaves 1 cup 1 tablespoon pinenuts

parmesan cheese ½ cup

olive oil 1 cup

#### Method:

- 1. Place pasta and water in a 3-litre casserole dish. Cook on High for 14-16 minutes. Allow to stand for 5 minutes then drain.
- 2. Place remaining ingredients except oil in a food processor. Slowly add oil in a fine stream while processing.
- 3. Stir sauce through pasta and serve.

#### CHICKEN RISOTTO

Serves: 4

#### Ingredients:

300 a fresh asparagus 2 tablespoons olive oil 1½ cups aborio rice

clove garlic, crushed 1 boiling chicken stock 4 cups

2 cups coarsely chopped cooked chicken grated fresh parmesan cheese 1/4 cup

1/4 cup ground black pepper

extra coarsely grated parmesan cheese

#### Method:

- 1. Place asparagus in a 2-litre dish and cook on High for 1 minute. Set aside.
- 2. Place oil, rice and garlic in a 3-litre casserole dish. cover and cook on High for 1 minute. Add 2 cups of boiling chicken stock, cook on High for 5 minutes. Stir twice during cooking.
- 3. Add remaining chicken stock and cook on High for another 5 minutes. Add remaining ingredients including asparagus and stir into risotto. Cook covered on High for 2 minutes.
- 4. Stand for 5 minutes. Serve topped with pepper and extra parmesan cheese.

#### STIR FRIED RICE

Serves: 4

### Ingredients:

1 tablespoon vegetable oil

clove garlic, crushed 1

1 teaspoon

1 small carrot, finely chopped

1 stick celery, sliced 1/2 red capsicum, diced

6 to 8 medium mushrooms, sliced

2 eggs

4 green onions, chopped

black pepper

small can prawns (optional)

1-2 tablespoons soy sauce cooked rice 2 cups

#### Method:

- 1. Place oil, garlic and ginger in large shallow dish and cook on High for 1 to 2 minutes. Add carrot, celery and capsicum. Cook a further 3 minutes on High.
- 2. Break eggs into small dish, add pepper to taste, mix well and cook on Medium for 2 to 3 minutes. Slice into thin strips.
- 3. Add eggs plus all remaining ingredients to vegetable mixture. Stir well and cook on High for 3 to 5 minutes to heat thoroughly. Serve.

## **Desserts**

#### **BUTTERSCOTCH PUDDING**

Serves: 4 to 6

Ingredients:

400 g sweetened condensed milk

30 g butter

1 teaspoon vanilla essence

½ cup milk

3/4 cup self raising flour, sifted

1 cup brown sugar ½ cup hot tap water

#### Method:

- Place condensed milk in 2-litre casserole dish.
   Cook on Medium for 6 to 7 minutes, stirring twice during cooking.
- 2. Stir in butter, vanilla essence and milk. Stir until butter is melted. Cool slightly.
- 3. Add milk mixture to sifted flour. Mix well. Pour mixture into 2-litre casserole dish.
- Sprinkle top with brown sugar and gently pour hot tap water over mixture. Cook on High for 6 to 8 minutes.

#### APRICOT AND RASPBERRY CRISP

Serves: 4 to 6

Ingredients:

850 g can apricots, drained 400 g frozen raspberries

1 cup plain flour
½ cup brown sugar
1 teaspoon cinnamon

1 cup pecans, chopped 1 cup shredded coconut 2 cups toasted muesli

125 g butter

#### Method:

- Place apricots and raspberries in the base of 2litre casserole dish. Place remaining ingredients (except butter) in a mixing bowl.
- Melt butter in 2-cup jug on High for 40 to 50 seconds. Combine melted butter with dry ingredients and mix well.
- 3. Crumble mixture over top of fruit. Cook on High for 10 to 12 minutes.

#### PEAR CUSTARD

Serves: 6

Ingredients:

825 g pear halves, drained

2 tablespoons plain flour caster sugar

3 eggs

1 teaspoon vanilla essence

1 cup milk 1 teaspoon cinnamon

#### Method:

- Grease 20 cm square pyrex dish. Place pear halves in dish. Set aside. Place flour, sugar, eggs and vanilla essence in bowl. Whisk until combined
- Whisk in milk and pour mixture over pears.
   Sprinkle with cinnamon. Cover dish with plastic wrap and cook on High power for 8 to 10 minutes.

#### CHOCOLATE MOUSSE

Serves: 4

Ingredients:
125 a dark chocolate

1 tablespoon brandy

eggs, separated cream, whipped

#### Method:

- Break chocolate into small pieces. Place in a microwave safe bowl and cook on Medium for 1 to 2 minutes.
- 2. Add brandy and egg yolks. Beat until smooth. Fold cream into chocolate mixture.
- Beat egg whites until stiff peaks form. Gently fold into chocolate mixture and spoon into one large or 4 individual serving dishes. Refrigerate until set.

#### CHOCOLATE BROWNIES

Makes: 1 x 20 cm square slice pan

#### Ingredients:

125 g butter
200 g chocolate
1 cup caster sugar
1 teaspoon vanilla essence

2 eggs1 cup plain flour

#### Method:

- Grease and line 20 cm square pyrex dish. Set aside. Melt butter and chocolate in 2-litre dish on High for 2 minutes.
- Stir in sugar, vanilla essence, eggs and flour. Spread into prepared dish.
- Cook on Medium for 8 to 10 minutes. Refrigerate until cold. Cut into squares.

# **Before Requesting Service**

**PROBLEM** 

THESE THINGS ARE NORMAL			
The oven causes interference with my TV.	Some radio and TV interference might occur when you cook with the microwave oven. This interference is similar to the interference caused by small appliances such as mixers, vacuums, hair dryers, etc. It does not indicate a problem with your oven.		
The oven lights dim.	When cooking with a power other than HIGH power, the oven must cycle to obtain the lower power levels. The oven light will dim and clicking noises can be heard when the oven cycles.		
Steam accumulates on the oven door and warm air comes from the oven vents.	During cooking, steam and warm air are given off from the food. Most of the steam and warm air are removed from the oven by the air which circulates in the oven cavity. However, some steam will condense on cooler surfaces such as the oven door. This is normal.		
I accidentally ran my microwave oven without any food in it.	Running the oven empty for a short time will not damage the oven. However, we do not recommend this.		

POSSIBLE CAUSE

**REMEDY** 

	The oven is not plugged in securely.	Remove plug from outlet, wait 10 seconds and re-insert.
Oven will not turn on.	Circuit breaker or fuse is tripped or blown.	Reset circuit breaker or replace fuse.
	There is a problem with the outlet.	Plug another appliance into the outlet to check if the outlet is working.
When the oven is turning on, there is noise coming from Glass Tray.	The roller ring and oven bottom are dirty.	Clean these parts according to care of your oven (See next page).
	Start Pad was not pressed after programming.	Press <b>Start</b> Pad.
	Another program has already been entered into the oven.	Press <b>Stop/Reset</b> Pad to cancel the previous program and program again.
Oven will not start cooking.	The program has not been entered correctly.	Program again according to the Operating Instructions.
	Stop/Reset Pad has been pressed accidentally.	Program oven again.
	The door is not closed completely.	Close the oven door securely.
The word "[hild " appears in the <i>Display Window</i> .	The Child Lock was activated by pressing <b>Start</b> Pad 3 times.	Deactivate Lock by pressing Stop/Reset Pad 3 times.

If it seems there is a problem with the oven, contact an authorized Service Centre.

## **Care of your Microwave Oven**

#### **BEFORE CLEANING:**

Unplug at socket of the oven. If impossible, leave oven door open to prevent oven from accidentally turning on.

Glass Tray:

Inside of the oven:
Wipe with a damp cloth. Mild
detergent may be used if the oven
gets very dirty. The use of harsh
detergent or abrasives is not
recommended.

Remove and wash in warm soapy water or in a dishwasher. If grease accumulates, clean with a non-abrasive nylon mesh scouring pad and a non-abrasive cleanser.

#### **AFTER CLEANING:**

Be sure to replace the Roller Ring and Glass Tray in the proper position and press **Stop/Reset** Pad to clear the Display Window.

## Outside oven surfaces and back vents.

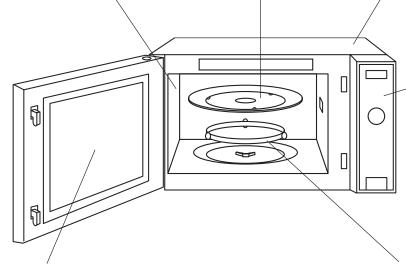
Clean with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into ventilation openings.

#### **Control Panel:**

May be covered with removable protective film to prevent scratches during shipping. Small bubbles may appear under this film. When this happens, remove film carefully.

(Hint - apply masking or clear tape to an exposed corner and pull gently to remove.)

If it becomes wet, clean with a soft, dry cloth. Do not use harsh detergents or abrasives on the Control Panel.



#### Oven Door:

Wipe with a soft cloth when steam accumulates inside or around the outside of the oven door. This may occur when the microwave oven is operated under high humidity conditions and in no way indicates a malfunction of the unit or of microwave leakage.

#### Roller Ring and oven cavity floor:

Wipe the bottom surface of the oven with mild detergent water or window cleaner and dry. Roller Ring may be washed in mild soapy water or dishwasher. These areas should be kept clean to avoid excessive noise.

# **Technical Specifications**

Power Supply*:	230 - 240 V
	50 Hz
Power Consumption:	5.1 A 1,175 W
Output:**	850 W
Outside Dimensions (H x W x D):	284 x 482 x 346 mm
Oven Cavity Dimensions (H x W x D):	191 x 325 x 330 mm
Operating Frequency:	2,450 MHz
Uncrated Weight:	Approx. 9.5 kg

<sup>\*</sup>Voltage requirement may differ by country. Check your identification plate for power supply voltage required.

\*\*IEC Test Procedure Specifications subject to change without notice.

# **Quick Guide to Operation**

Feature		How to	Operate	
To Set Clock (IST page 9)	Clock —	(12 hour clock Set time of	Max 12:59)	Clock
To Set / Cancel Child Safety Lock (Fig. page 9)	To Set: Start	Display  ➤ [	To Cancel: Stop/Reset  3 times	Display  12:35  Colon or time of day
To Cook / Reheat / Defrost by Micro Power and Time Setting  (EST page 8)	Micro Power ————————————————————————————————————	Set the cookin	→ pg time.	Start 🔷
To Use Turbo Defrost Pad (FSF page 12)	Turbo Defrost — Once.	Set weigh	) <b>&gt;</b>	Start 💠
To Reheat Food (Fig. page 14)	Auto Reheat or  Or  Auto Frozen Reheat Reheat Or Once.	Frozen Reheat Beverage or Set serving	)	Start  Start
To Cook Food (Fig. page 15)	Auto Menu Once.	Select desired food of	category/weight.	Start 💠
To Use as a Kitchen Timer (187 page 16)	Timer —	Set time		Start 🔷
To Set Standing Time (Fig. page 16)	Set the desired cooking programn (See Page 8)	Timer Once.	Set time.	Start
To Set Delay Start (FET page 16)	Timer Once.		Set the desired oking programme. (See Page 8)	Start  →

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