

## Operating Instruction and Cook Book Microwave Oven For home Use



Model No. **NN-ST342W**

Please read these instructions carefully before using this product, and save this manual for future use.

We are glad you have chosen to purchase a PANASONIC microwave oven. Before operating this oven, please read these instructions carefully and completely, and keep them for further reference.

If you have never used a microwave oven before, you will realise that a microwave oven uses a totally different method of converting energy into heat. This requires an understanding of what exactly happens to food when placed in the oven. This is explained in the following pages.

After reading the introductory chapter, I am sure you will be able to master the basic technique and thereby develop a firm understanding of your new oven. This book includes recipes from starters to desserts. After trying our recipes be sure to adapt your favourite recipes to microwave methods.

Start experimenting now, and enjoy the first class results you will achieve by using your new microwave oven.

Panasonic Australia Pty Ltd  
1 Innovation Road  
Macquarie Park  
NSW 2113



PANASONIC NZ LTD  
CUSTOMER CARE CENTRE  
350 Te Irirangi Drive  
East Tamaki, Auckland  
Private Bag 14911  
Panmure, Auckland

Phone: (09) 272-0178

Fax: (09) 272-0134

The serial number of this product may be found on the Identification Plate (see page 6). You should note the model number and serial number of this oven in the space provided and retain this book as a permanent record of your purchase for future reference.

MODEL NUMBER \_\_\_\_\_

SERIAL NUMBER \_\_\_\_\_

DATE OF PURCHASE \_\_\_\_\_

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# Safety Instructions

## READ CAREFULLY AND KEEP FOR FUTURE REFERENCE

### 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 door fits squarely and securely and opens and closes smoothly.
2. The door hinges are in good condition.
3. The metal plates of a metal seal on the door are neither buckled nor deformed.
4. 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:

1. Never tamper with or deactivate the interlocking devices on the door.
2. Never poke an object, particularly a metal object, through a grille or between the door and the oven while the oven is operating.
3. Never place saucepans, unopened cans or other heavy metal objects in the oven.
4. Do not let other metallic articles, e.g., fast food foil containers, touch the side of the oven.
5. 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.
7. 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.
8. For horizontally hinged doors, never rest heavy objects such as food containers on the door while it is open.
9. 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. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
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:

1. Read all instructions before using the microwave oven.
2. 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.
3. Use this microwave oven only for its intended use as described in this manual.
4. As with any appliance, close supervision is necessary when used by children.
5. 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 therapeutic 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.
  - (e) Never leave microwave unattended while cooking or reheating.
7. Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.

### 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.

(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.

(This statement applicable only to South Africa)

## WARNING

- 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 hazardous for anyone other than a competent person to carry out any service or repair operation that involves the removal of a cover which gives protection against exposure to microwave energy.
- 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 whether the 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

1. 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. This can lead to damage to the microwave oven including arcing within the oven cavity.
2. 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.
3. Do not dry clothes, newspapers or other materials in oven. They may catch on fire.
4. 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.
5. Do not use newspapers or paper bags for cooking.
6. Do not hit or strike the Control Panel. Damage to controls may occur.
7. **POT HOLDERS** 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.
9. 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.**
11. Do not leave the microwave unattended while reheating or cooking food in disposable containers made of plastic, paper or other combustible materials, as these types of containers can ignite if overheated.
12. Appliances are not intended to be operated by means of an external timer or separate remote-control system.

## Placement of Oven

1. The oven must be placed on a flat, stable surface, more than 85 cm above the floor. 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 be overheated and damaged. When using any cloth over the oven, the air intake and exhaust should not be blocked. Also allow sufficient space on back and both sides of the oven.
  - 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.
2. This oven was manufactured for household use only.
3. The appliance is freestanding type and shall not be placed in a cabinet.
4. This appliance is intended to be used in household and similar applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses;
  - by clients in hotels, motels and other residential environments;
  - bed and breakfast type environments.

## Food

1. 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.
2. Do not attempt to deep fat fry in your microwave oven.
3. Do not boil eggs in their shell and whole hard-boiled eggs (unless otherwise stated in Cooking Guide section). Pressure will build up and the eggs will explode.
4. 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.
  - c) 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.
8. **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.
9. 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.
10. 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.

## 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.

# Cookware and Utensils 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 oven safe (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.



## 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 twist-ties to close bag. They can act as an antenna and cause arcing (sparks).

**DO NOT COOK IN PLASTIC FOOD STORAGE BAGS.**

**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.

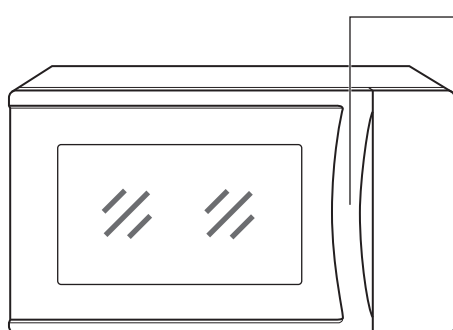
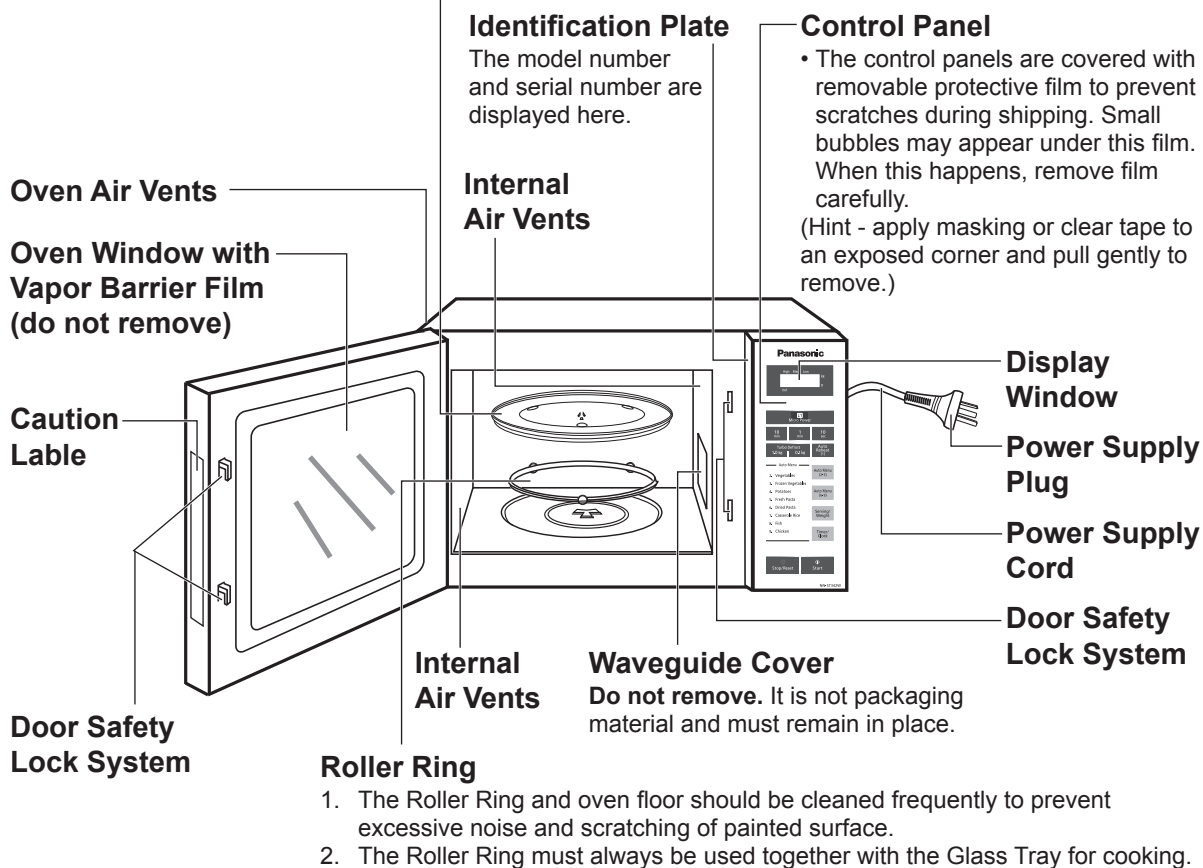
## Straw, Wicker and Wood

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.
2. 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.
4. **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.



## Door Handle

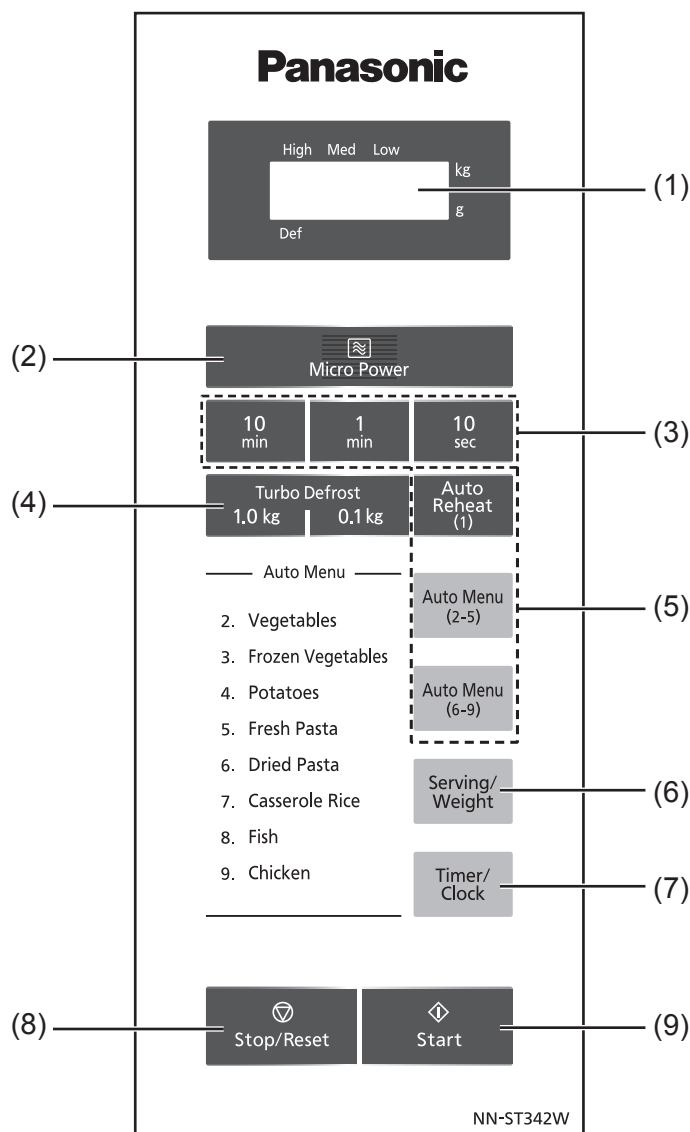
Lift handle to open the door. Opening the door during cooking will stop the cooking process without cancelling the program. Cooking resumes as soon as the door is closed and **Start** Pad is pressed. It is quite safe to open the door at any time during a cooking program and there is no risk of Microwave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

## NOTE:

The above illustration is for reference only.



# Control Panel



## CONTROL PANEL

- (1) Display Window
- (2) Power Level Pad (pg. 9)
- (3) Time Pad
- (4) Turbo Defrost Pad (pg. 12)
- (5) Auto Cook Pads (pg. 14)
- (6) Serving/Weight Pads
- (7) Timer/Clock Pad (pg. 8, 17)

## (8) Stop/Reset Pad

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

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

## (9) 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 pad is pressed correctly, a beep sound will be heard. If a pad is pressed and no beep is heard, the unit does not or cannot accept the instruction. The oven will beep twice between programmed stages. At the end of any complete programme, the oven will beep five times.

## NOTE:

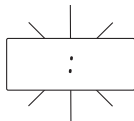
If an operation is set and **Start** Pad is not pressed, after 6 minutes, the oven will automatically cancel the operation. The display will revert back to clock or colon mode.

# To Set Clock

You can use the oven without setting the clock.

## 1 Press twice

Colon will blink in Display Window.



## 2 Enter Time of Day

Enter time of day using Time Pads e.g. 12:35

Clock is a 12 hour display. There isn't a.m. or p.m. setting.



Time appears in the Display Window, colon is blinking.

Verify time of day in the Display Window.

## 3 Press

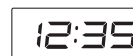
Colon stops blinking; time of day is entered and locked into Display Window.

**NOTES:** 1. Oven will not operate while colon is still blinking.

2. To reset time of day, repeat step 1 through 3.

3. The clock will keep the time of day as long as oven is plugged in and electricity is supplied.

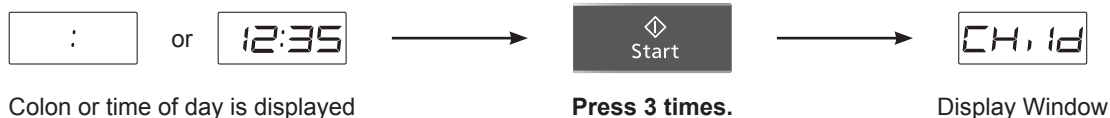
4. Maximum time available is 12:59. Clock is 12 hour only. One o'clock will be displayed as 1:00 not 13:00.



# 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 set



### To cancel



**NOTE:** To set or cancel child safety lock, **Start** pad or **Stop/Reset** pad must be pressed 3 times within 10 seconds.

# 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 until your desired power level appears in the Display Window. (see chart below)

eg. MEDIUM-HIGH

Press **Power Level Pad** twice.



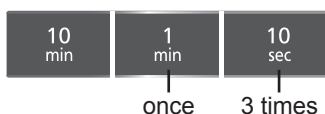
Press

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

## 4 Set Time

e.g. 1 minute 30 seconds

Press Time Pads



**Note:** For High Power, up to 30 minutes. For other Power, up to 99 minutes and 50 seconds for a single stage.

## 5 Press



Cooking will start.

The time in the Display Window will count down.

**For more than one stage cooking,**

Repeat steps 3 & 4 above then press **Start**. The maximum number of stages for cooking is 3. The oven will beep twice between stages. (For further information, refer to page 16)

### Micro Power:

The **Power Level** Pad gives you a selection of different power levels representing decreasing amounts of microwave energy, used for cooking foods at different speeds.

e.g. The lower the micro power setting, the more evenly the food cooks, although it will take a little longer.

To select the correct power level for cooking different foods, refer to the chart below.

Press	POWER LEVEL	WATTAGE	EXAMPLE OF USE
1 tap	HIGH	800W	Boil water. Cook fresh fruit, vegetables, rice, pasta and noodles.
2 taps	MEDIUM-HIGH	550W	Cook poultry, meat, cakes, desserts. Heat milk.
3 taps	MEDIUM	400W	Cook pot roasts, casseroles and meatloaves, melt chocolate. Cook eggs and cheeses. Cook fish.
4 taps	DEFROST	220W	Thaw foods.
5 taps	LOW	110W	Keep cooked foods warm, simmer slowly.

# 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
<b>BREAD &amp; BAKED PRODUCT</b> Bread 1 slice 1 loaf  6 rolls	HIGH HIGH  MEDIUM	10 - 15 sec 2 - 4  1 - 2	Do not let bread get hot, or it will become rubbery and dry out. Remove whole loaf from original wrapper. 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.
<b>PIES</b> 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 MEDIUM	4 - 6  2 - 3	Place onto paper towel lined plate.
Pizza (350 g)	HIGH	5 - 7	Remove from package and place onto paper towel or follow manufacturer's instructions.
<b>FROZEN MEAL</b> 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.
<b>MISCELLANEOUS</b> 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 HIGH	3 - 5  2 - 3	Place onto paper towel lined plate.
Sausage Rolls (250 g)	MEDIUM	3 - 5	Place onto paper towel lined plate.

# Reheating Tips and Techniques

## 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.

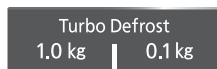
# To Defrost

## To Defrost using Turbo Defrost

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

### 1 Set Weight

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. Weight must be programmed in kilograms and tenths of a kilogram (max 2.0 kg). For best results, the minimum recommended weight is 0.2 kg.



Enter weight.

### 2 Press



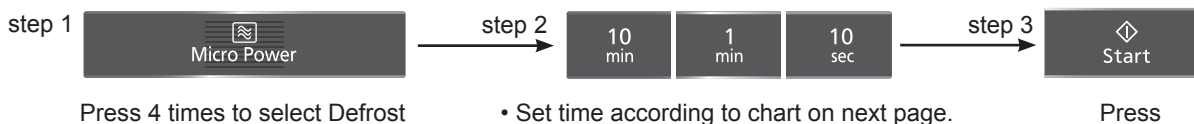
Defrost time appears in the Display Window and begins to count down.

**NOTE:**

The oven will beep once or twice during the total defrosting time. This indicates that food should be turned, broken apart or removed. After attending to food, close door and press Start to resume defrosting. For further information, refer to next page.

## To Defrost by Micro Power and Time Setting

This feature allows you to defrost meat, poultry and seafood by **Defrost** 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. On Turbo Defrost, the oven will beep during the defrosting time. At “beep”, turn over all meat, poultry, fish and shellfish. Break apart stewing meat, chicken pieces and minced meat. Separate chops and hamburger patties. Shield thin ends of roasts, poultry legs and wings, fat or bones with foil.
3. Throughout the defrosting time, remove any defrosted portions of mince or cubed meat, etc.
4. 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 Micro Power at Defrost):

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

# To Cook/Reheat Food Using Auto Cook

This feature allows you to cook foods without selecting times and Power Level. Only set desired menu number and Serving/Weight, the oven will cook your food automatically.

## 1 Select desired menu number

Press the Auto Cook pad until the desired menu number appears in the display window. (see below chart) eg.:

Auto Menu  
(2-5)

**Press** once - 2 is displayed  
twice - 3 is displayed  
three times - 4 is displayed  
four times - 5 is displayed

## 2 Select desired Serving/Weight

Press the Serving/Weight pad until the desired number of weight appears in the display window. (see below chart)

Menu number	Category	Serving/Weight Pad			
		1 tap	2 taps	3 taps	4 taps
1	Auto Reheat	200 g	400 g	600 g	800 g
2	Vegetables	120 g	180 g	250 g	370 g
3	Frozen Vegetables	150 g	300 g	450 g	600 g
4	Potatoes	200 g	400 g	600 g	—
5	Fresh Pasta	150 g	250 g	375 g	—
6	Dried Pasta	150 g	250 g	375 g	—
7	Casserole Rice	100 g	200 g	300 g	—
8	Fish	100 g	200 g	300 g	400 g
9	Chicken	200 g	400 g	600 g	800 g

## 3 Press



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

## For best results on Auto Cook, follow these recommendations:

### Auto Reheat

Suitable for casseroles, plated dinners, soups, stews, pasta dishes (except lasagne), and canned food. All foods must be pre-cooked and reheated from room temperature or refrigerator temperature. **Do not** reheat bread or pastry products; raw; uncooked or frozen foods; or beverages on this setting. Foods weighting less than 200 g and more than 800 g should be reheated by Micro Power and Time only. Foods should be placed in a suitable size microwave safe bowl and completely covered with plastic wrap. Add 1-4 tbsp of water for desired. When cooking larger quantities of food, the oven will 'beep' to prompt you to stir the foods. At the end of the cooking time, stir and let stand for 3 to 5 minutes.

### Vegetables

Suitable for cooking a variety of fresh vegetables. All vegetables should be trimmed or prepared and cut into even size pieces. Place prepared vegetables into a suitable size microwave-safe casserole and add 2-4 tbsp of water for desired. Cover with a well fitting lid. When cooking larger quantities of vegetables, the oven will 'beep' to prompt you to stir the foods. At the end of the cooking time, let it covered and stand for 3 to 5 minutes.

### Frozen Vegetables

Suitable for all types of frozen vegetables, like frozen peas, sweetcorn or mixed vegetables. Place prepared vegetables into a suitable size microwave-safe casserole and add 2-6 tbsp of water for desired. Cover with a well fitting lid. Stir after the beep sounds. At the end of cooking, let it covered and stand for 3 to 5 minutes.

# To Cook/Reheat Food Using Auto Cook (continued)

## Potatoes

Suitable for cooking potatoes. Pare potatoes well and cut into even size pieces. Place in a suitable size microwave safe casserole. Cover with a well fitting lid. Stir after beep sounds.

## Fresh Pasta

Suitable for cooking a variety of fresh pastas. Place them into a suitable sized microwave safe casserole with boiling water. Allow at least ½ depth of volume for evaporation to prevent boiling over. Use the following as a guide:

Fresh Pasta	Recommended Boiling Water	Dish Size
150 g	3 cups	3 litre
250 g	4 cups	3.5 litre
370 g	5 cups	4 litre

(It may be necessary to adjust the amount of water to your personal preference.)

**Do not** cover with lid. **Do not** cook in plastic containers unless suitable for high temperature cooking. Stir after beep sounds. Allow pasta to stand for 5 to 10 minutes after cooking if required then drain.

## Dried Pasta

Suitable for cooking a variety of dried pastas. Place them into a suitable sized microwave safe casserole with boiling water. Allow at least ½ depth of volume for evaporation to prevent boiling over. Add a little oil if desired. Use the following as a guide:

Dried Pasta	Recommended Boiling Water	Dish Size
150 g	4 cups	3 litre
250 g	5 cups	3.5 litre
370 g	6 cups	4 litre

(It may be necessary to adjust the amount of water to your personal preference.)

Only cover with lid at **stage 1**. **Do not** cook in plastic containers unless suitable for high temperature cooking. Stir after beep sounds. Allow pasta to stand for 5 to 10 minutes after cooking if required then drain.

## Casserole Rice

Suitable for cooking white rice including short grain, long grain, Jasmine and Basmati. Place washed rice with recommended amount of cold water in a suitable sized casserole. Allow at least ½ depth of volume for evaporation to prevent boiling over. Use the following as a guide:

Rice	Recommended Water	Dish Size
100 g	150 ml	3 litre
200 g	300 ml	3 litre
300 g	450 ml	4.5 litre

(It may be necessary to adjust the amount of water to your personal preference.)

Cover with a well fitting lid. **Do not** cook in plastic containers unless suitable for high temperature cooking. Stand rice for 5 to 10 minutes after cooking, if necessary. This setting is **not** suitable for cooking brown rice.

## Fish

Suitable for cooking whole fish and fish fillets. Select fish suitable for microwave cooking and place in a single layer in a shallow microwave safe dish, with skin-side down. Add butter, spices, herbs, or lemon juice to flavor. Overlap thin edges of fillets to prevent overcooking. If stuffing whole fish with seasoning, cooking time may need to be extended. Use the following as a guide:

Fish	Recommended sauce and little water
100 g	1 tbsp sauce and little water
200 g	2 tbsp sauce and little water
300 g	3 tbsp sauce and little water
400 g	4 tbsp sauce and little water

(It may be necessary to adjust the amount of water or sauce to your personal preference.)

Shield the eye and tail area of whole fish with small amounts of aluminum foil to prevent overcooking. Cover dish securely with plastic wrap. Allow large amounts of fish to stand for 3 to 5 minutes after cooking before serving.

**Note:** (thickness of fish should **not** be more than 3 cm)

## Chicken

It is suitable for cooking chicken pieces such as wings, drumsticks, thighs, half breasts etc. Pierce the chicken pieces well with fork before cooking. Place prepared chicken pieces in a suitable size microwave safe casserole. Add 1-5 tbsp oil if desired. Cover with well fitting lid. Stir after beep sounds.

# 3-Stages Setting

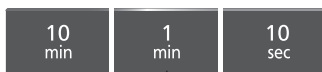
This feature allows you to program 3 Stages of cooking continuously.

**E.g.: Continually set [High Power] 2 minutes, [Medium Power] 3 minutes and [Low Power] 2 minutes.**

1. Press once to select "High power".



2. Set as 2 minutes using Time Pad.

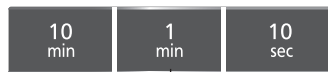


twice

3. Press 3 times to select "Medium power".



6. Set as 2 minutes using Time Pad.



twice

5. Press 5 times to select "Low power".



4. Set as 3 minutes using Time Pad.



three times



7. Press once. The time will count down at the first stage in the display window.

## NOTES:

1. When operating, two beeps will sound between each stage.
2. This feature is not available for Turbo Defrost, Auto Cook and Reheat function.

# INGREDIENT CONVERSION CHART

INGREDIENT CONVERSION CHART			
¼ cup	60 ml	¼ teaspoon	1 ml
⅓ cup	85 ml	½ teaspoon	2 ml
½ cup	125 ml	1 teaspoon	5 ml
⅔ cup	165 ml	2 teaspoons	10 ml
¾ cup	190 ml	3 teaspoons	15 ml
1 cup	250 ml	1 tablespoon	20 ml
1¼ cups	310 ml	1½ tablespoons	30 ml
1½ cups	375 ml	2 tablespoons	40 ml
2 cups	500 ml	3 tablespoons	60 ml
3 cups	750 ml	4 tablespoons	80 ml
3½ cups	875 ml		
4 cups	1 litre		
6 cups	1.5 litre		
8 cups	2 litre		

All recipes are tested using standard measurement that appear in the above chart.

# To Use Timer

This feature allows you to program standing after cooking is completed and to program the oven as a minute or 10 seconds timer or program delay start.

## To Use as a Kitchen Timer

**Press once.**

**Set desired amount of time.**  
(up to 99 minutes and 50 seconds)

**Press Start.**

Time will count down without oven operating.



## To Set Standing Time

**Press once.**

**Set desired amount of standing time.**  
(up to 99 minutes and 50 seconds)

**Press Start.**

Cooking will start. After cooking, standing time will count down without oven operating.



## To Set Delay Start

**Press once.**

**Set desired amount of delay time.**  
(up to 99 minutes and 50 seconds)

**Press Start.**

Delayed time will count down without oven operating. Then cooking will start.



### NOTES:

1. If oven door is opened during the Standing Time, Delay Start or Kitchen Timer, the time in the Display Window will continue to count down.
2. Delay Start/Standing Time cannot be programmed before/after any Auto Control function. This is to prevent the standing temperature of the food from rising before defrosting or cooking begins. A change in the starting temperature could cause inaccurate results and/or food may deteriorate.
3. When using Standing time or Delay time, it's up to 2 Power stages.

# Microwave Recipe 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.

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## 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.

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## 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 Techniques (continued)

## 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. 1 cup (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 (continued)

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## Menu Planning for Microwave Cooking

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### 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.

1. 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.
6. 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.

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## Increasing & Decreasing Recipes

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### 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 500 g.
- Use the same Power Level recommended in the original recipe.
- Increase the cooking times by:  $\frac{1}{3}$  of original cooking time for 6 servings; and an extra  $\frac{1}{2}$  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  $\frac{1}{2}$  to  $\frac{2}{3}$  of the original cooking time.

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## Cooking for One

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- 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.

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## Converting Recipes from Other Sources

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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).

# Basic Recipes

## GRANOLA CEREAL

Makes: approximately 4 cups

### Ingredients:

2 cups	oats
$\frac{2}{3}$ cup	chopped nuts
$\frac{1}{3}$ cup	wheat germ
$\frac{1}{4}$ cup	brown sugar
$\frac{1}{4}$ cup	honey
1 teaspoon	vanilla essence
$\frac{1}{3}$ cup	raisins
$\frac{1}{3}$ cup	coconut

### Method:

1. Place oats in 2-litre casserole dish, cook on High for 2 to 3 minutes, stirring twice.
2. 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
1	onion, thinly sliced
$\frac{1}{2}$ 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:

1. 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:

$\frac{1}{2}$ cup	hot tap water
	dash of vinegar
	pinch of salt
2 x 61 g	eggs

### Method:

1. 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.
3. 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	tomato paste
1½ cups	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.
2. Add flour, tomato paste and half of the beef stock. Stir well. Cook on High for 2 minutes. Add remaining stock.
3. 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
1¼ cups	milk

### Method:

1. Place butter in a 4-cup jug. Cook on High for 30 to 40 seconds.
  2. 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	laksa paste
400 ml	coconut milk
1 litre	chicken stock
1 tablespoon	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 laksa 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
⅓ 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	salt
¼ teaspoon	garlic powder
100 g	packet mixed rice crackers
100 g	fried noodles
200 g	salted peanuts
125 g	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 (continued)

## 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 size (shelled and cleaned)	500 g	Medium	5 to 7
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.
2. 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 tablespoon sweet chilli sauce  
1 tablespoon chopped 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:

1. Place butter, garlic, ginger, rind, juice and sugar in a shallow dish. Cook on High for 1-2 minutes. Stirring halfway through cooking.
2. 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.
2. 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 after 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 breastside 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  $\frac{1}{4}$  cup per 500 g 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 not 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.

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 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.



## 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 (continued)

## CHICKEN SAN CHOY BAU

Serves: 4

### Ingredients:

10	dried chinese mushrooms
2 teaspoons	sesame oil
1	clove garlic, chopped
500 g	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:

1. 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.
3. Add chicken and cook on Medium for 10-12 minutes. Add remaining ingredients except lettuce and cook on Medium for 6-8 minutes.
4. 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.
2. 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.
2. Add chicken and combine. Cook on Medium for 8 to 10 minutes, stirring once during cooking.
3. 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
¼ cup	soy sauce
¼ 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.
2. 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:

1. Slice chicken fillets. Place chicken in a shallow 2-litre dish and cook on Medium 8-10 minutes. Stir halfway through cooking.
2. 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
¼ cup	tomato paste
1 teaspoon	minced garlic
1	onion, diced
2 teaspoons	dried oregano
1 kg	chicken drumsticks

### Method:

1. Place all ingredients in a 2-litre casserole dish. Stir until combined. Cover and cook on Medium for 15 to 18 minutes.
2. 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 500 g. 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 500 g 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)
<b>Beef</b> Roasts Medium Pot Roast	Medium Medium	12 to 14 20 to 30
<b>Pork</b> Leg of Pork Loin of Pork Pork Chops	Medium Medium Medium	15 to 18 15 to 18 8 to 10
<b>Lamb</b> Medium Well	Medium Medium	12 to 14 15 to 18

# Main Fare Meats (continued)

## 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:

1. 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
¼ 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.
4. 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	tomato sauce
2 tablespoons	Worcestershire sauce
1	beef stock cube
⅓ cup	sour cream
200 g	sliced mushrooms

### Method:

1. Place all ingredients (except sour cream and mushrooms) in 3-litre casserole dish. Stir until combined.
2. 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
1	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.
2. Add remaining ingredients, stir until combined. Cover and cook on High for 10 minutes.
3. 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 kg	pork spare ribs
¾ cup	fruit chutney
¾ cup	tomato sauce
1 tablespoon	soy 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 (continued)

## MUSSAMAN BEEF CURRY

Serves: 4

### Ingredients:

500 g	round steak diced
½ cup	musaman 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.

## CORNE BEEF

Serves: 4

### Ingredients:

1.5 to 1.7 kg	corned silverside
1 tablespoon	brown sugar
1 tablespoon	white vinegar
1	onion, cut in half
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 1¼ 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:

1	onion, chopped
1	clove garlic, crushed
1 tablespoon	butter
2 tablespoons	tomato paste
1 teaspoon	paprika
500 g	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
¼ cup	red wine
410 ml	tomato puree
½ cup	beef stock
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)	250 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 (continued)

## 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 ¼ cup water	3 to 5
Beans (finely sliced)	250 g	Covered dish with ¼ 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 ¼ cup water.	5 to 7
Brussels Sprouts	250 g	Covered dish with ¼ cup water.	4 to 6
Cabbage	500 g	Shredded, with ¼ 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 ¼ cup water in covered dish.	5 to 7
Celery	6 stalks (400 g) cut in 1 cm angled pieces	With ¼ 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 ¼ 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 ¼ cup water in covered dish.	5 to 7
Peas	250 g	Shell peas and place with ¼ 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 ¼ 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 ¼ 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 (continued)

## 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.
2. 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:

1. 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:

1. Place oil and vegetables in a 2-litre casserole dish. Stir well. Cook on High for 3 to 4 minutes, stirring halfway through cooking.
2. 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
¼ cup	milk
3	green onions sliced
2	bacon rashers, chopped
½ cup	grated cheese

### Method:

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

## VEGETABLE CURRY

Serves: 4

### Ingredients:

1	onion sliced
2 tablespoons	green curry paste
3 cups	sliced vegetables
1 can (440 g)	chick peas, drained
1 cup	coconut milk
1 tablespoon	lemon juice
1 tablespoon	soy sauce
½ cup	chopped nuts

### Method:

1. Place onion and curry paste in a 3-litre casserole dish. Cook on High for 2 minutes.
2. 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
¼ cup	fresh breadcrumbs
½ cup	grated cheese
4	green onions, finely sliced
1 tablespoon	finely chopped parsley
	salt and pepper
¼ cup	extra grated cheese

### Method:

1. Cut tops off tomatoes. Scoop out pulp of tomato with a teaspoon. Mix pulp with remaining ingredients, except extra cheese.
2. 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	2½ 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 ¼ cup of quick cooking oats, pinch salt and ¾ cup 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 (continued)

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## BACON AND ONION TORTELLINI

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Serves: 4

### Ingredients:

600 g	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.

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## PESTO FETTUCCINE

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Serves: 4

### Ingredients:

250 g	dried fettuccine
6 cups	boiling water
2	cloves garlic, crushed
1 cup	basil leaves
1 tablespoon	pinenuts
½ cup	parmesan cheese
1 cup	olive oil

### 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.

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## CHICKEN RISOTTO

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Serves: 4

### Ingredients:

300 g	fresh asparagus
2 tablespoons	olive oil
1½ cups	aborio rice
1	clove garlic, crushed
4 cups	boiling chicken stock
2 cups	coarsely chopped cooked chicken
¼ cup	grated fresh parmesan cheese
¼ cup	cream
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.

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## STIR FRIED RICE

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Serves: 4

### Ingredients:

1 tablespoon	vegetable oil
1	clove garlic, crushed
1 teaspoon	ginger
1	small carrot, finely chopped
1	stick celery, sliced
½	red capsicum, diced
6 to 8	medium mushrooms, sliced
2	eggs
4	green onions, chopped
	black pepper
1	small can prawns (optional)
1-2 tablespoons	soy sauce
2 cups	cooked rice

### 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
¾ cup	self raising flour, sifted
1 cup	brown sugar
½ cup	hot tap water

### Method:

1. 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.
4. 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:

1. Place apricots and raspberries in the base of 2-litre casserole dish. Place remaining ingredients (except butter) in a mixing bowl.
2. 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
⅓ cup	caster sugar
3	eggs
1 teaspoon	vanilla essence
1 cup	milk
1 teaspoon	cinnamon

### Method:

1. 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.
2. 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 g	dark chocolate
1 tablespoon	brandy
2	eggs, separated
300 ml	cream, whipped

### Method:

1. 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.
3. 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	eggs
1 cup	plain flour

### Method:

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

# Before Requesting Service

## 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.

### PROBLEM

### POSSIBLE CAUSE

### REMEDY

Oven will not turn on.

The oven is not plugged in securely.

Remove plug from outlet, wait 10 seconds and re-insert.

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.

Oven will not start cooking.

The door is not closed completely.

Close the oven door securely.

**Start** Pad was not pressed after programming.

Press **Start** Pad.

Another program has already been entered into the oven.

Press **Stop/Reset** Pad to cancel the previous program and program again.

The program has not been entered correctly.

Program again according to the Operating Instructions.

**Stop/Reset** Pad has been pressed accidentally.

Program oven again.

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).

The word "Child" appears in the **Display Window**.

The Child Lock was activated by pressing **Start** Pad 3 times.

Deactivate Lock by pressing **Stop/Reset** Pad 3 times.

"H00" appears in the display window.

The display indicates a problem with microwave generation system.

Contact the specified service centre.

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

# Care of your Microwave Oven

**Note:** The oven should be cleaned regularly and any food deposits removed. Failure to maintain the oven in a clean condition could lead to deterioration of the surface that could adversely affect the life of the appliance and possibly result in a hazardous situation.

## BEFORE CLEANING:

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

## 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.

### 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.

### Glass Tray:

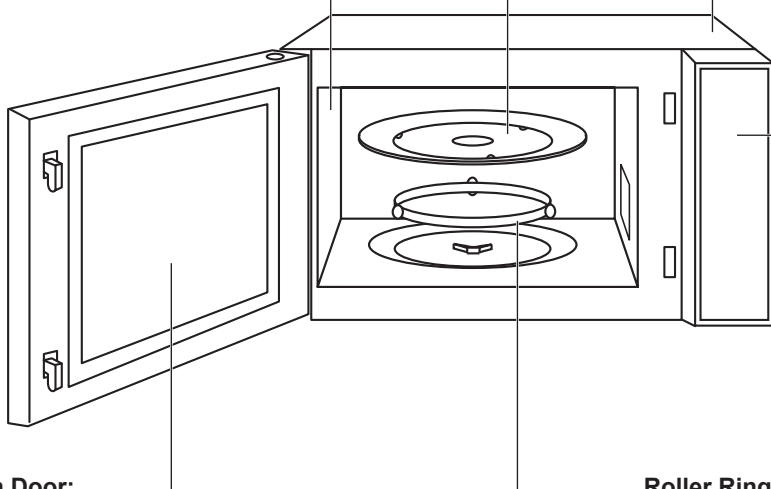
Remove and wash in warm soapy water or in a dishwasher. If grease accumulates, clean with a nonabrasive nylon mesh scouring pad and a non-abrasive cleanser.

### 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:	5.5 A 1,270 W
Output*:	800 W
Outside Dimensions (W x H x D):	485 mm (W) x 287 mm (H) x 400 mm (D)
Oven Cavity Dimensions (W x H x D):	315 mm (W) x 227 mm (H) x 349 mm (D)
Overall Cavity Volume:	25 L
Glass Tray Diameter:	Ø288 mm
Operating Frequency:	2,450 MHz
Uncrated Weight:	Approx. 12.7 kg

\* IEC Test Procedure

Specifications subject to change without notice.



# Panasonic Warranty (Australia)

## Home Appliance 12 Month Warranty from Date of Purchase

1. Subject to the conditions of this warranty Panasonic or it's Authorised Service Centre will perform necessary service on the product without charge for parts or labour, if in the opinion of Panasonic, the product is found to be faulty within the warranty period. For Line Communications products (i.e. Cordless Phones, etc) the genuine battery(s) has a 3 month warranty.
2. This warranty only applies to Panasonic products purchased in Australia and sold by Panasonic Australia or its Authorised Distributors or Dealers and only where the products are used and serviced within Australia or it's territories. Warranty cover only applies to service carried out by a Panasonic Authorised Service Centre and only if valid proof of purchase is presented when warranty service is requested.
3. This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care (in the opinion of Panasonic). The warranty covers normal domestic use only (also Clip & Trim Professional use) and does not cover damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accident, misuse, neglect, build-up of dirt or dust, abuse, maladjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
4. This warranty does not cover the following items unless the fault or defect existed at the time of purchase:
  - (a) Cabinet Parts
  - (b) Microwave Oven cook plates.
  - (c) User replaceable Batteries
  - (d) Kneader mounting shaft unit and Heads, Cutters, Foils, Blades and other accessories.
  - (e) Noise or vibration that is considered normal
5. To claim warranty service, when required, you should:
  - Telephone Panasonic's Customer Care Centre on 132600 or visit our website referred to below and use the Service Centre Locator for the name/address of the nearest Authorised Service Centre.
  - Send or take the product to a Panasonic Authorised Service Centre together with your proof of purchase receipt as a proof of purchase date. Please note that freight and insurance to and / or from your nearest Authorised Service Centre must be arranged by you.
6. The warranties hereby conferred do not extend to, and exclude, any costs associated with the installation, de-installation or re-installation of a product, including costs related to the mounting, de-mounting or remounting of any screen, (and any other ancillary activities), delivery, handling, freighting, transportation or insurance of the product or any part thereof or replacement of and do not extend to, and exclude, any damage or loss occurring by reason of, during, associated with, or related to such installation, de-installation, re-installation or transit.

Panasonic Authorised Service Centres are located in major metropolitan areas and most regional centres of Australia, however, coverage will vary dependant on product. For advice on exact Authorised Service Centre locations for your product, please telephone our Customer Care Centre on 132600 or visit our website and use the Service Centre Locator.

In addition to your rights under this warranty, Panasonic products come with consumer guarantees that cannot be excluded under the Australian Consumer Law. If there is a major failure with the product, you can reject the product and elect to have a refund or to have the product replaced or if you wish you may elect to keep the goods and be compensated for the drop in value of the goods. You are also entitled to have the product repaired or replaced if the product fails to be of acceptable quality and the failure does not amount to a major failure.

If there is a major failure in regard to the product which cannot be remedied then you must notify us within a reasonable period by contacting the Panasonic Customer Care Centre. If the failure in the product is not a major failure then Panasonic may choose to repair or replace the product and will do so in a reasonable period of time from receiving notice from you.

**THIS WARRANTY CARD AND THE PURCHASE DOCKET (OR SIMILAR PROOF OF PURCHASE) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES**

If you require assistance regarding warranty conditions or any other enquiries, please visit the **Panasonic Australia** website **[www.panasonic.com.au](http://www.panasonic.com.au)** or contact by phone on **132 600**  
*If phoning in, please ensure you have your operating instructions available.*

**Panasonic Australia Pty. Limited**

ACN 001 592 187 ABN 83 001 592 187

1 Innovation Road, Macquarie Park NSW 2113  
[www.panasonic.com.au](http://www.panasonic.com.au)

# Panasonic Warranty (New Zealand)

We warrant that the Panasonic Microwave Oven which you have purchased is free from defects in material and workmanship under normal home use and service.

Accordingly, we undertake to repair or at our option replace without cost to the purchaser either for material or labour any part which within 1 YEAR from the date of purchase is found to be defective or in the case of the Magnetron within 2 YEARS from date of purchase, provided that the product has been used in accordance with the instruction booklet and has not been subjected to misuse, neglect or accident, or dismantled, repaired or serviced by any other than a Panasonic NZ Dealer or authorised Panasonic NZ Service Centre.

Any claims for service should be made through the Panasonic NZ Dealer from whom the product was purchased. Such Panasonic NZ Dealer undertakes to make any necessary adjustments or repairs under the terms of the Warranty and to fit any replacement parts supplied by the manufacturer in each case free of charge during normal working hours or alternatively to arrange for such service to be provided by an authorised Panasonic NZ Service Centre.

**Note:** Before reporting a fault please ensure that you read the item "Before Calling for Service", in the information section of your Panasonic Microwave Cookbook.

It is important to retain your receipt of purchase as this will be requested by the Serviceman as proof of purchase date should service be required.

It is the responsibility of the purchaser to deliver or consign the product freight paid to the retailer from whom it was purchased or the nearest authorised Panasonic NZ Service Centre enclosing proof of purchase date.

In the event of service being required please write a brief description of the fault and contact your nearest Panasonic NZ Dealer, or authorised Service Centre.

Panasonic New Zealand Ltd.  
Panasonic Service Department  
18 Sir Woolf Fisher Drive,  
Highbrook, Auckland (09) 272 0178

A00135501JP

# Quick Guide to Operation

Feature	How to Operate
<b>To Set Clock</b> (📘 page 8)	<p>(12 hour clock Max 12:59) Set time of day.</p> <p>Timer/Clock → 10 min (Hours) 1 min (10 Minutes) 10 sec (1 Minute) → Timer/Clock</p> <p>Twice</p>
<b>To Set/Cancel Child Safety Lock</b> (📘 page 8)	<div> <div> <b>To set</b>   Start            Press 3 times. → Display CH.Ld         </div> <div> <b>To cancel</b>   Stop/Reset            Press 3 times. → Display 12:35         </div> </div>
<b>To Cook/Reheat/Defrost by Micro Power and Time Setting</b> (📘 page 9)	Micro Power → 10 min 1 min 10 sec →  Start Select power. Select cooking time.
<b>To Use Turbo Defrost Pad</b> (📘 page 12)	Turbo Defrost 1.0 kg 0.1 kg →  Start Enter weight.
<b>To Cook/Reheat Food Using “Auto Reheat/Cook” Pads</b> (📘 page 14)	Auto Reheat (1) or  Auto Menu (2-5) or  Auto Menu (6-9) →  Serving/Weight →  Start Set desired menu number. Set serving or weight.
<b>To Use as a Kitchen Timer</b> (📘 page 17)	Timer/Clock → 10 min 1 min 10 sec →  Start Once Set time.
<b>To Set Standing Time</b> (📘 page 17)	Set the desired cooking programme. (see Page 9) →  Timer/Clock → 10 min 1 min 10 sec →  Start Once Set time.
<b>To Set Delay Start</b> (📘 page 17)	Timer/Clock → 10 min 1 min 10 sec → Set the desired cooking programme. (see Page 9) →  Start Once Set time.







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