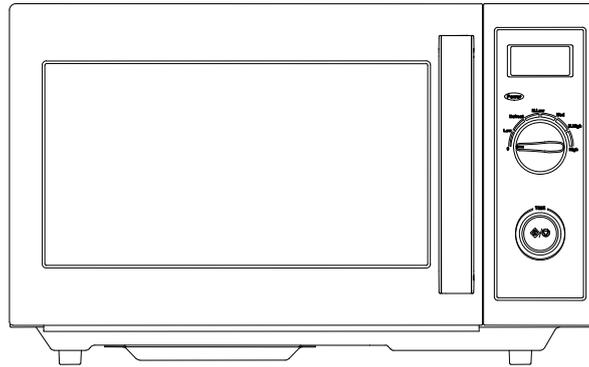


## MICROWAVE OVEN USER'S MANUAL



Model: **MINNEAPOLIS WP**  
**1000**

Please read these instructions carefully before installing and operating the oven.

Record in the space below the SERIAL NO. found on the nameplate on your oven and retain this information for future reference.

SERIAL NO.

## PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

1. Do not attempt to operate this oven with the door open since open door operation can result in harmful exposure to microwave energy. It is important not to defeat or tamper with the safety interlocks.
2. Do not place any object between the oven front face and the door or allow soil or cleaner residue to accumulate on sealing surfaces.
3. Do not operate the oven if it is damaged. It is particularly important that the oven door close properly and that there is no damage to the
  - a. Door (bent),
  - b. Hinges and latches (broken or loosened),
  - c. Door seals and sealing surfaces.
4. The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

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## IMPORTANT SAFETY INSTRUCTIONS

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

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

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

**WARNING:** If the door or door seals are damaged. The oven must not be operated until it has been repaired by a competent person.

1. Read all instructions before using the appliance.
2. Use this appliance only for its intended use as described in this manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook or dry food. It is not designed for industrial or laboratory use.
3. Do not operate the oven when empty.
4. Do not operate this appliance if it has a damaged cord or plug, if it is not working properly or if it has been damaged or dropped. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
5. **WARNING:** 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.
6. To reduce the risk of fire in the oven cavity:
  - a) When heating food in plastic or paper container, keep an eye on the oven due to the possibility of ignition.
  - b) Remove wire twist-ties from paper or plastic bags before placing bag in oven.
  - c) If smoke is observed, switch off or unplug the appliance and keep the door closed in order to stifle any flames.
  - d) Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils or food in the cavity when not in use.
7. **WARNING:** Liquid or other food must not be heated in sealed containers since they are liable to explode.
8. Microwave heating of beverage can result in delayed eruptive boiling, therefore care has to be taken when handle the container.
9. Do not fry food in the oven. Hot oil can damage oven parts and utensils and even result in skin burns.
10. Eggs in their shell and whole hard-boiled eggs should not be heated in microwave ovens since they may explode even after microwave heating has ended.
11. Pierce foods with heavy skins such as potatoes, whole squashes, apples and chestnuts before cooking.
12. The contents of feeding bottles and baby jars should be stirred or shaken and the temperature should be checked before serving in order to avoid burns.
13. Cooking utensils may become hot because of heat transferred from the heated food. Potholders may be needed to handle the utensil.
14. Utensils should be checked to ensure that they are suitable for use in microwave oven.
15. Utensil Test: Place the empty utensil in the oven, microwave at high power for 60 seconds. A utensil which becomes very hot should not be used.
16. **WARNING:** It is hazardous for anyone other than a trained person to carry out any service or repair operation which involves the removal of any cover which gives protection against exposure to microwave energy.
17. Only use utensils that are suitable for use in microwave ovens.
18. The oven should be cleaned regularly and any food deposits removed.
19. Failure to maintain the oven in a clean condition could lead to deterioration of the

- surface hazardous that could adversely affect the life of the appliance and possibly result in a hazardous situation;
20. The appliance should not be cleaned with a water jet (for appliances intended to stand on the floor and which are not at least IPX5).
  21. This product is a Group 2 Class B ISM equipment. The definition of Group 2 which contains all ISM (Industrial, Scientific and Medical) equipment in which radio-frequency energy is intentionally generated and/or used in the form of electromagnetic radiation for the treatment of material, and spark erosion equipment. For Class B equipment is equipment suitable for use in domestic establishments and in establishments directly connected to a low voltage power supply network which supplies buildings used for domestic purpose.
  22. 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.
  23. Children should be supervised to ensure that they do not play with the appliance.

## SPECIFICATIONS\*

Power Consumption:	230V~50Hz, 1500W(Microwave)
Rated microwave power output:	1000W
Operation Frequency:	2450MHz
Outside Dimensions:	312mm(H)×520mm(W)×456mm(D)
Oven Cavity Dimensions:	212mm(H)×335mm(W)×364mm(D)
Oven Capacity:	25Litres
Net Weight:	Approx.17.7 kg

## INSTALLATION

1. Make sure that all the packing materials are removed from the inside of the door.
2. **WARNING:** Check the oven for any damage, such as misaligned or bent door, damaged door seals and sealing surface, broken or loose door hinges and latches and dents inside the cavity or on the door. If there is any damage, do not operate the oven and contact qualified service personnel.
3. This microwave oven must be placed on a flat, stable surface to hold its weight and the heaviest food likely to be cooked in the oven.
4. Do not place the oven where heat, moisture, or high humidity are generated, or near combustible materials.
5. For correct operation, the oven must have sufficient airflow. Allow 20cm of space above the oven, 10cm at back and 5cm at both sides. Do not cover or block any openings on the appliance. Do not remove feet.
6. Make sure that the power supply cord is undamaged and does not run under the oven or over any hot or sharp surface.
7. The socket must be readily accessible so that it can be easily unplugged in an emergency.
8. Do not use the oven outdoors.

## GROUNDING INSTRUCTIONS

This appliance must be grounded. This oven is equipped with a cord having a grounding wire with a grounding plug. It must be plugged into a wall receptacle that is properly installed and grounded. In the event of an electrical short circuit, grounding reduces risk of electric shock by providing an escape wire for the electric current. It is recommended that a separate circuit serving only the oven be provided. Using a high voltage is dangerous and may result in a fire or other accident causing oven damage.

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

### Note

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

The wires in this cable main are colored in accordance with the following code:

**Green and Yellow = EARTH**

**Blue = NEUTRAL**

**Brown = LIVE**

## RADIO INTERFERENCE

Operation of the microwave oven can cause interference to your radio, TV, or similar equipment.

When there is interference, it may be reduced or eliminated by taking the following measures:

1. Clean door and sealing surface of the oven.
2. Reorient the receiving antenna of radio or television.

3. Relocate the microwave oven with respect to the receiver.
4. Move the microwave oven away from the receiver.
5. Plug the microwave oven into a different outlet so that microwave oven and receiver are on different branch circuits.

## MICROWAVE COOKING PRINCIPLES

1. Arrange food carefully. Place thickest areas towards outside of dish.
2. Watch cooking time. Cook for the shortest amount of time indicated and add more as needed. Food severely overcooked can smoke or ignite.
3. Cover foods while cooking. Covers prevent spattering and help foods to cook evenly.
4. Turn foods over once during microwaving to speed cooking of such foods as chicken and hamburgers. Large items like roasts must be turned over at least once.
5. Rearrange foods such as meatballs halfway through cooking both from top to bottom and from the center of the dish to the outside.

## BEFORE YOU CALL FOR SERVICE

If the oven fails to operate:

1. Check to ensure that the oven is plugged in securely. If it is not, remove the plug from the outlet, wait 10 seconds, and plug it in again securely.
2. Check for a blown circuit fuse or a tripped main circuit breaker. If these seem to be operating properly, test the outlet with another appliance.
3. Check to ensure that the control panel is programmed correctly and the timer is set.
4. Check to ensure that the door is securely closed engaging the door safety lock

system. Otherwise, the microwave energy will not flow into the oven.

IF NONE OF THE ABOVE RECTIFIES THE SITUATION, THEN CONTACT A QUALIFIED TECHNICIAN. DO NOT TRY TO ADJUST OR REPAIR THE OVEN YOURSELF.

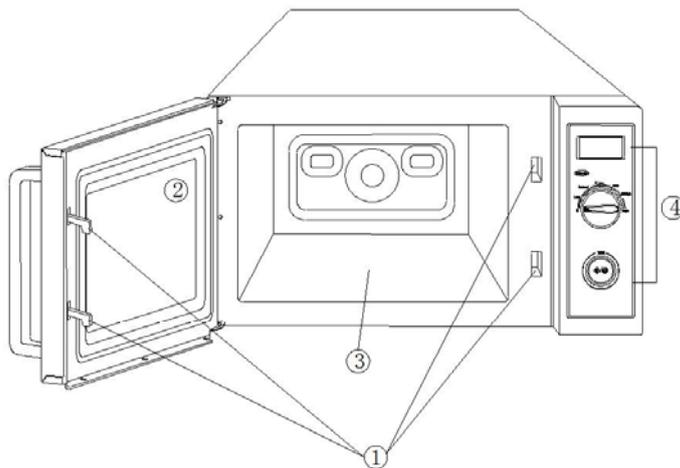
## UTENSILS GUIDE

1. The ideal material for a microwave utensil is transparent to microwave, it allows energy to pass through the container and heat the food.
2. Microwave can not penetrate metal, so metal utensils or dishes with metallic trim should not be used.
3. Do not use recycled paper products when microwave cooking, as they may contain small metal fragments which may cause sparks and/or fires.
4. Round /oval dishes rather than square/oblong ones are recommend, as food in corners tends to overcook.
5. Narrow strips of aluminum foil may be used to prevent overcooking of exposed areas. But be careful don't use too much and keep a distance of 1 inch (2.54cm) between foil and cavity.

The list below is a general guide to help you select the correct utensils.

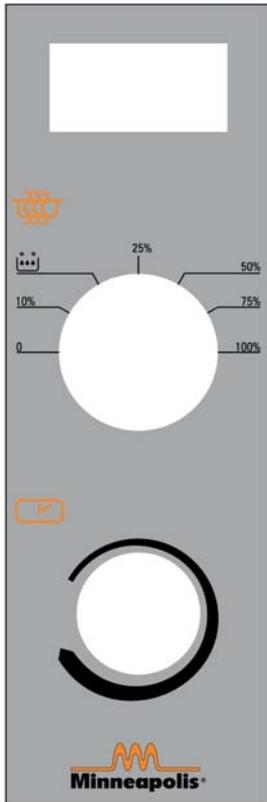
COOKWARE	MICROWAVE
Heat-Resistant Glass	Yes
Non Heat-Resistant Glass	No
Heat-Resistant Ceramics	Yes
Microwave-Safe Plastic Dish	Yes
Kitchen Paper	Yes
Metal Tray	No
Metal Rack	No
Aluminum Foil & Foil Containers	No

## PART NAMES



1. safety Lock System
2. Oven Window
3. Oven floor
4. Control Panel

## CONTROL PANEL



The control panel consists of two function operators. One is a timer knob, and another a power knob.

### ***POWER/ACTION SELECTOR***

You use this operator knob to choose a cooking power level. It is the first step to start a cooking session.

### ***TIME KNOB***

Press to start a cooking session.

Turn the time knob to select a desired cooking time up to 60 minutes per cooking session.

During cooking, press once to stop and press it again to start cooking again.

### ***MICROWAVE COOKING***

For pure microwave cooking, there are 6 power levels from which to choose one as best fit to do the job at hand.

Power level increases with the knob turning clockwise. The power levels can be classified as the following:

	Power Output	Description
1	100%	HIGH
2	80%	M.HIGH
3	50%	MED
4	40%	M.LOW
5	30%	DEFROST
6	10%	LOW

## DEFROSTING GUIDE

For defrosting, remove the frozen food from its packaging and place the food on a plate. Techniques are as follows:

### **Covering**

Cover thin pieces with small aluminum strips before defrosting. During defrosting, also cover partially thawed or warm pieces with aluminum strips. This prevents the thinner pieces from becoming too hot while the thicker pieces are still frozen.

### **Turning/ Stirring**

Almost all foods require to turn over or stir once during defrosting. Separate pieces that stick together as

soon as possible and rearrange them.

### Smaller portions

Smaller portions defrost more evenly and faster than large portions. Divide the food, therefore, into small portions before freezing. That way you can quickly and easily create a complete menu.

### Delicate foods

Delicate foods such as pies, cream, cheese and bread should be defrosted only partially in order to allow them to complete the thawing process at room temperature. This prevents the outer portions from becoming too hot while the inner portion is still frozen.

### Standing time

Standing time after the food is defrosted is especially important because it allows the thawing process to continue. The defrosting table shows the standing times for a number of different foods. After defrosting, the food should be processed as soon as possible; it should not be frozen a second time.

### DEFROSTING TIMES AND TECHNIQUES FOR MEAT AND POULTRY:

Refrigerated food	Defrost time	Standing time
Beef(roast)	9-12 minutes/500g	10-15 minutes
Beef steak	5-8 minutes/500g	5-10 minutes
Minced beef	6-10 minutes/500g	5-10 minutes
Pork(roast)	9-14 minutes/500g	10-15 minutes
Pork chop	6-10 minutes/500g	5-10 minutes
Chop	7-10 minutes/500g	5-10 minutes
Minced pork	7-10 minutes/500g	5-10 minutes
Lamb(roast)	9-12 minutes/500g	10-15 minutes
Shoulder meat	8-12 minutes/500g	10-15 minutes
Mutton	6-10 minutes/500g	5-10 minutes
Poultry		
Turkey(whole)	7-12 minutes/500g	20-30 minutes
Brisket	6-12 minutes/500g	15-20 minutes
Meat slices	8-12 minutes/500g	10-15 minutes
Chicken (whole)	6-10 minutes/500g	10-15 minutes
Meat slices	6-9 minutes/500g	10-15 minutes
Duck	9-12 minutes/500g	10-15 minutes

### DEFROSTING TIMES AND TECHNIQUES FOR SEAFOOD

Seafood	Microwave time	STANDING TIME	Operation
Whole fish	4-6 minutes/500g	5 minutes	Separate and rearrange halfway through defrosting.
Scallops	6-10 minutes/500g	2-3 minutes	
Prawns	5-8 minutes/500g	2-3 minutes	Separate as soon as possible. Separate as soon as possible.

The times listed in the table are for reference only and may vary according to freezing temperature, consistency and weight of the food.

# OPERATION

## **BASIC COOKING**

1. Place food in oven and close the door.
2. Turn Power Selector to select a power level.
3. Use Time knob to set a cooking time
4. Press TIME. knob

Note: To start a cooking quickly, you can press the TIME repeatedly to set cooking time up to 12 minutes, and during cooking you can change power and cooking time.

## **QUICK START**

This feature allows you to start the oven quickly at full power.

Press the Press TIME. Knob a number of times to set the cooking time, the oven starts at full power level immediately.

Press the Press TIME	TIME
once	0:30
twice	1:00
thrice	1:30
...	...

For example, to set the oven to cook for 2 minutes using this feature:

Press TIME. Knob 4 times, the oven starts working immediately at full microwave power

## **TO STOP THE OVEN WHILE THE OVEN IS OPERATING**

1. Press the Press TIME. Knob.
- You can restart the oven by touching START/STOP pad
  - 2. Open the door.
  - You can restart the oven by closing the door and Press the Press TIME. Knob.

NOTE: Oven stops operating when door is opened.

## **COOLING FEATURE**

The electronically controlling system of the microwave oven has the feature of cooling. As for any cooking mode which cooking time above 2 minutes, after finishing cooking, the oven fan will work about 3 minutes automatically to cool the oven for prolonging the life of the oven.

## CLEANING AND CARE

1. Turn off the oven and remove the power plug from the wall socket before cleaning.
2. Keep the inside of the oven clean. When food splatters or spilled liquids adhere to oven walls, wipe with a damp cloth. Mild detergent may be used if the oven gets very dirty. Avoid the use of spray and other harsh cleaners as they may stain, streak or dull the door surface.
3. The outside surfaces should be cleaned with a damp cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.
4. Wipe the door and window on both sides, the door seals and adjacent parts frequently with a damp cloth to remove any spills or spatters. Do not use abrasive cleaner.
5. Do not allow the control panel to become wet. Clean with a soft, damp cloth. When cleaning the control panel, leave oven door open to prevent oven from accidentally turning on.
6. If steam accumulates inside or around the outside of the oven door, wipe with a soft cloth. This may occur when the microwave oven is operated under high humidity condition. And it is normal.
7. The roller ring and oven floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the oven with mild detergent. The roller ring may be washed in mild sudsy water or dishwasher. When removing the roller ring from cavity floor for cleaning, be sure to replace in the proper position.
8. Remove odors from your oven by combining a cup of water with the juice and skin of one lemon in a deep microwaveable bowl, microwave for 5 minutes. Wipe thoroughly and dry with a soft cloth.
9. When it becomes necessary to replace the oven light, please consult a dealer to have it replaced.
10. 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.
11. 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.
12. Please do not dispose this appliance into the domestic rubbish bin; it should be disposed to the particular disposal center provided by the municipalities.