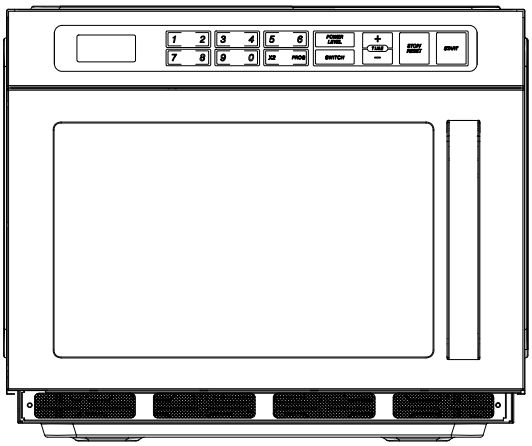
Owner's Manual



MODEL: TopWave 1800

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.

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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

1）Door (bent),

2）Hinges and latches (broken or loosened),

3）Door seals and sealing surfaces.

4. The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

SPECIFICATIONS

Power Supply	230~240V/50Hz
Power Consumption (Microwave)	2800W(2 TUBES) 1400W (1 TUBE)
Rated Microwave Power Output:	1800W(2 TUBES) 900W (1 TUBE)
Operation Frequency:	2450MHz
Outside Dimensions:	405mm(H)× 490mm(W)× 637mm(D)
Oven Cavity Dimensions:	224mm(H)× 374mm(W)× 378mm(D)
Oven Capacity:	30Litres
Cooking Uniformity:	Turntable System
Net Weight:	Approx. 34.5kg

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:

1. Read all instructions before using the appliance.
2. Use this appliance only for its intended us e as described in this manu al. 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 w orking 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, cookin g 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 handling 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 check ed before serving in order to avoid burns.
13. Cooking utensils may become hot becau se of heat transferred from the heated fo od. 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. WARNING: It is hazardous for anyone other than a train ed person to carry out any service or repair operation which involves the removal of any cover which gives protection against exposure to microwave energy.
16. This product is a Group 2 Class B I SM equipment. The definition of Group 2 which contains all ISM (Industrial, Scientific and Medical) equipment in which radio-frequency energy is intentionally generat ed 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 establishme nts and in establishments d irectly connected to a low voltage power supply network which supplies buildings used for domestic purpose.
17. This appliance is not intended for use by persons (includ ing 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.
18. Children should be supervised to ensure that they do not play with the appliance.

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. Do not operate the oven without glass tray, roller support, and shaft in their proper positions.
7. Make sure that the power supply cord is undamaged and does not run under the oven or over any hot or sharp surface.
8. The socket must be readily accessible so that it can be easily unplugged in an emergency.
9. Do not use the oven outdoors.

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.

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

MICROWAVE COOKING PRINCIPLES

1. Arrange food carefully. Place thickest areas towards outside of dish.
2. Watch cooking time. Cook for the shortest amount of ti me 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.

Rearrange foods such as meatballs halfway through cooking both from top to botto m 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.

Check to ensure that the door is securely closed enga ging the door safety lock sy stem. 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

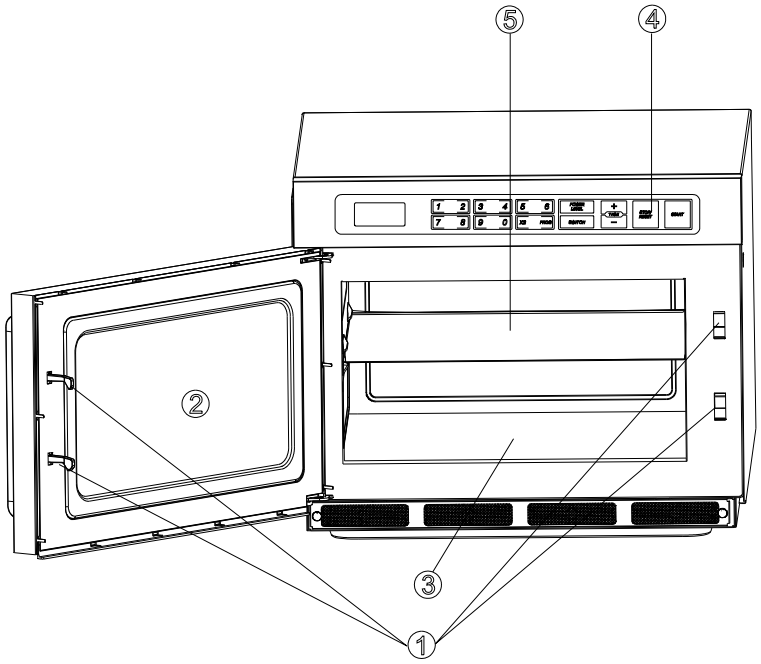
1. The ideal material for a microw ave utensil is transparent to microw ave, it allows energy to pass through the container and heat the food.
2. Microwave cannot penetrate metal, so metal utensils or dishes with metallic trim should not be used.
3. Do not use recycled paper products when microwave cooking, 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 ex posed areas. But be c areful don't use to o 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 Container	No

PART NAMES

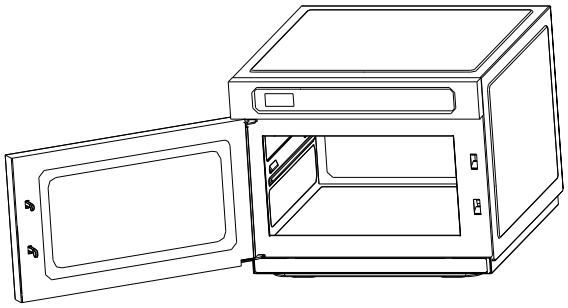
1. Door Safety Lock System
2. Oven Window
3. Cavity Floor
4. Control Panel
5. Ceramic Board



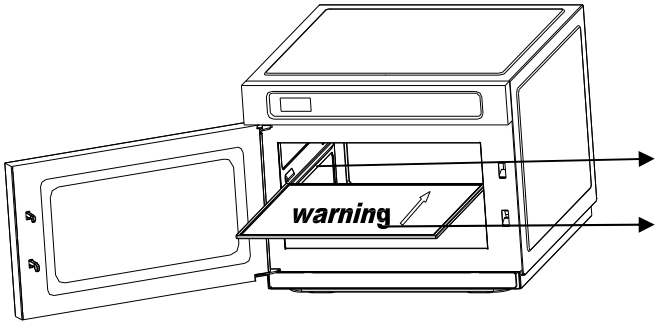
The ceramic board is removable, you can install or remove it following the steps below :

To install the ceramic board :

1. Cut off the power, install the ceramic board untill the cavity is cool down to prevent scald.



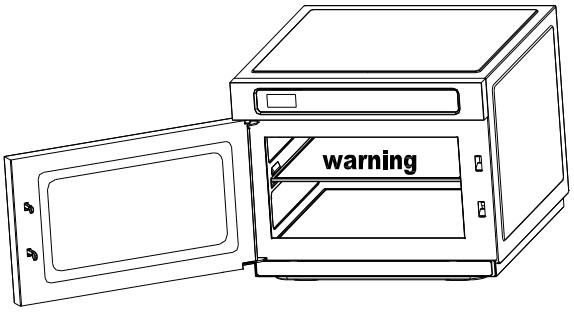
2. Hold the c eramic board with both han ds and push it along the groove gently , or it may cause the board damaged. Please make sure the board is installed b etween the groove, not above it. And the board' s warning is seeable and in the front of the board.



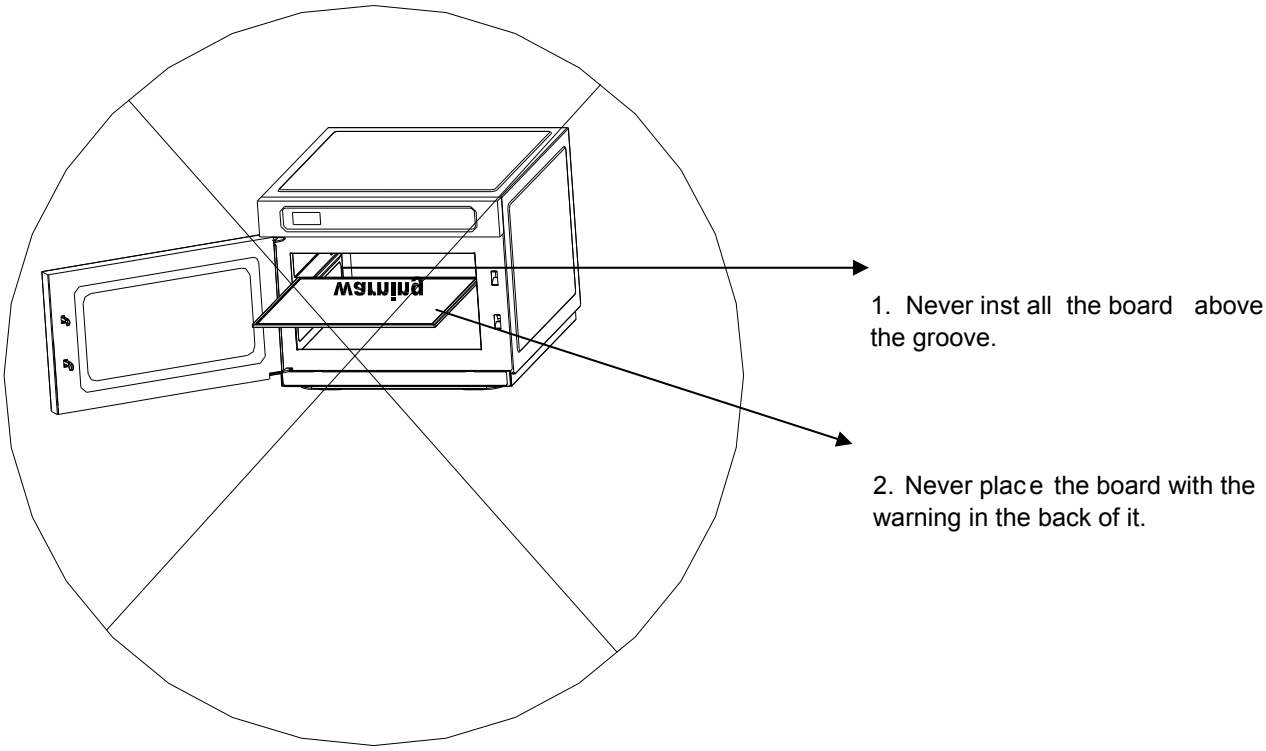
IInstall the board between the groove

The board's warning is seeable and in the front of the board.

3. Please make sure the ceramic board is push to the end of the cavity. If you do not install it well, the door cannot be close normally.

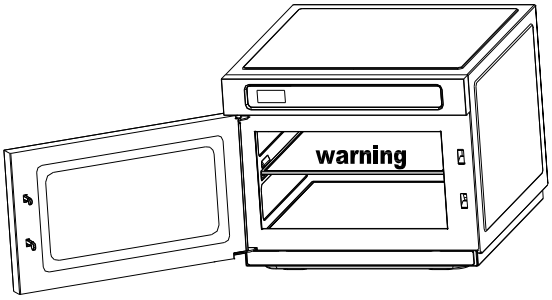


Do not install the ceramic board like this :

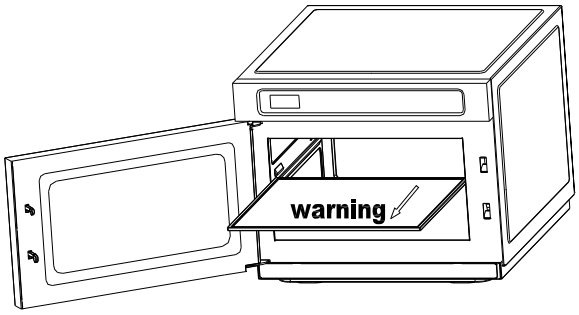


To remove the ceramic board from the cavity :

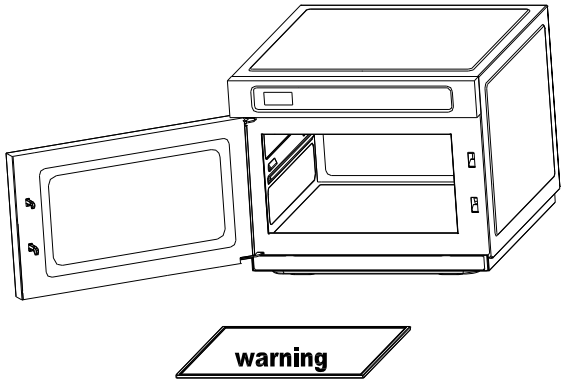
1. Cut off the power, remove the ceramic board untill the cavity and the board are cool down to prevent scald.



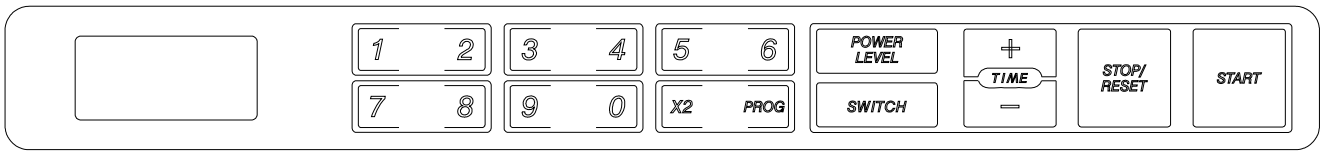
2. Pull the ceramic board along the groove from the cavity gently, do not overexert or shake it to prevent damaged.



3. Hold the ceramic board gently for it is breakable and should be place well.



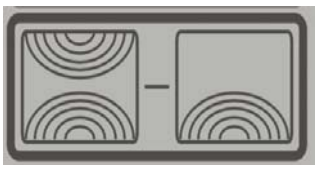
CONTROL PANEL



Display Screen
Cooking time, power, indicators and present time are displayed.

Number Pads
Press these button to set the cooking time, to set a cooking program etc.

X2
Press to store a cooking program.



Prog
Press to store a multi-stage cooking program. It is also used to set child lock.

Power Leve
Press to select a microwave cooking power.

Switch
Press to switch the oven to cook under single tube or double tubes cooking mode.

Time +/-
Press to adjust the cooking time.

Stop/Reset
Press this button stop or cancel a cooking program.

Start
Press to start cooking program.

HOW TO SET THE OVEN CONTROLS

MICROWAVE COOKING

Microwave cooking allows you to customize cooking power and time. First, select a power level by pressing the Power Level button a number of times (see the table below). Maximum cooking time is 99 minutes and 99 seconds.

Suppose you want to cook for 5 minute at 80% power level.

1. Open the door and place food in the oven, close it.
2. Press Power Level button a number of times till the screen show the intended power.

Press Power Level button	Power Level
Once	100% (HI)
Twice	80% (MED)
Thrice	30% (DEF)

3. Use the number padal to enter cooking time until the correct cooking time (5:00) is displayed.
4. Press Start button to start.

NOTE:

After the cooking time ends, the system will beep once and 0 is displayed. Before starting another cooking session, press Stop/Reset pad to clear the display and reset the system.

MULTI-STAGE COOKING

Food may require different periods or stages cooking with different power levels and cooking times. You can set up to 3 stages cooking manually.

Suppose you want to set the following program :

First stage : 5 minutes of DEF microwave power cooking ;

Second stage : 3 minutes of HI microwave power cooking ;

Third stage : 1 minutes of MED microwave power cooking.

Step :

1. Open the door and place food in the oven, close it.
2. Press Power Level three times and press number pad to enter the cooking time.
3. Press Power Level once and press number pad to enter the cooking time.
4. Press Power Level twice and press number pad to enter the cooking time.
5. Press Start to start cooking.

SAVE A MULTI-STAGE COOKING TO A NUMBER KEY

For frequently used cooking program, you can save it to a number key and convenie ntly activate it by touching the number key and then START pad.

Each of the number keys is pre-set with a cooking program. In waiting mode, touch any of the ten number pads, you are selecting a cooking program, then press START pad to start the preset program.

The following are default settings for each of the number keys

Number/Memory Pads	1	2	3	4	5	6	7	8	9	0
Preset Cooking Time	:10	:20	:30	:45	1:00	1:30	2:00	2:30	3:00	3:30

The user is free to reset the cooking program stored under each of the ten number keys anytime. In order to set a cooking program, which may contain up to 3 stages consecutive cooking periods with different power levels, and to designate a number key to this program, see the example bellow:

To set medium power cooking for 8 min. and save it to number pad 5:

1. Open the door and place food in the oven, close it.
2. Touch Prog once.
3. Press number pad 5.
4. Press Power Level twice to select MED.
5. Touch number pads 8, 0, 0.
6. Press Prog to save.

NOTE : When the program has benn saved, you can press START to start cooking or you can also press STOP/RESET pad to cancel.

You can set a two or three stages cooking program by repeating the steps 4 and 5 once or twice.

Suppose you want to set a multi-stage cooking program to number pad 3.

First stage : 5 minutes of DEF microwave power cooking ;

Second stage : 3 minutes of HI microwave power cooking ;

Third stage : 1 minutes of MED microwave power cooking.

Step :

1. Open the door and place food in the oven, close it.
2. Touch Prog once.
3. Press number pad 3.

4. Press Power Level three times and press number pad to enter the cooking time.
5. Press Power Level once and press number pad to enter the cooking time.
6. Press Power Level twice and press number pad to enter the cooking time.
7. Press Prog to save.

Note:

If you want the oven to start immediately after you touching any of the number keys instead of after you touching the Star t pad, press and hold down Stop/Reset for 5 sec until “P L” appears on display; now you don’t need to press Start pad after selecting a cooking program by touching any of the number keys.

If you want to cancel the auto-number start setting, you can press and hold down Stop/Reset for 5 sec until “P PROG” appears on display.

HOW TO USE THE X2 PAD

More cooking programs can be stored under the number keys by using the X2 function.

In waiting mode, press X2, any of the number keys, and the Start pad, you can recall a preset cooking program as follows:

Number / Memory Pads	1	2	3	4	5	6	7	8			9	0
Preset Cooking Time	:20	:40	1:00	1:30	2:00	3:00	4:00	5:00			6:00	7:00

X2 function can only program one stage cooking. After setting is finished, press Stop/Reset to return to waiting mode. The oven will start after you touching X2, any of the number keys and then the Start pad.

For example, to use the X2 function, and save a program of full power and 3 minutes cooking to number pad 8.

1. Open the door and place food in the oven, close it.
2. Touch Prog once.
3. Touch X2 pad once.
4. Press number pad 8.
5. Press Power Level once.
6. Touch number pads 3, 0, 0.
7. Press Prog to save.

NOTE : When the program has benn saved, you can press START to start cooking or you can also press Stop/Reset pad to cancel.

If you want the oven to start immediately after you touching any of the number keys instead of after you touching the Star t pad, press and hold down Stop/Reset for 5 sec until “P L” appears on display; now you don’t need to press Start pad after selecting a cooking program by touching any of the number keys.

If you want to cancel the auto-number start setting, you can press and hold down Stop/Reset for 5 sec until “P PROG” appears on display.

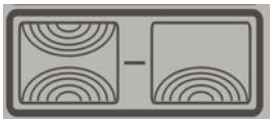
COUNT OF OPERATIONS

You can read the count of how many times the oven has been used. To do this,

1. In waiting mode, press and hold down Stop/Reset.
2. Touch Power Level pad. The number on display shows how many times the oven has been used.

This function is for the user to analyze the usage of the oven and the traf fic flow at a particular location where the oven is being used commercially.

SWITCH



The oven can use single tube or double tubes to cook. For single tube mode, you can save power, while for double tubes, you can use less time to cook. The default setting for the oven is double tubes, how ever, you can press Switch to change. Select it before setting a cooking program.

ADJUST THE COOKING TIME

During cooking, you can press +/- to adjust the cooking time. Each press to adjust 20 seconds. The maximum time you can set is 1H :99 seconds. For the preset program, you cannot adjust the cooking time by pressing +/-.

CHILD PROOF LOCK

In waiting mode, press and hold Prog for 5 seconds. The oven is locked.

To release child lock,

Press and hold Prog for 5 seconds, the oven goes to normal.

RETURN TO FACTORY SETTING

If you want the oven return to the default factory setting, you can press Start pad and plug in the oven untill "00 : 00" shows on the screen, then press the folllowing pads one by one : "1", "2","3","4","5","6","7","8","9","0","Power Level","X2","Prog","Switch","+","-","Stop/Reset","Start". And the screen will show "00 :18" ,open and close the door, then open it again. Beep will be heart to signal to oven is back to factorty setting.

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. It is occasionally necessary to remove the glass tray for cleaning. Wash the tray in warm sudsy water or in a dishwasher.
8. 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.
9. 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.
10. When it becomes necessary to replace the oven light, please consult a dealer to have it replaced.
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.