

## 1.8 cu. ft. Microwave Oven

## MCD18G1W

Instruction Manual and Cooking Guide Magic Che
Magic

Before operating this oven, please read these instructions completely.

## PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY

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

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## IMPORTANT SAFETY INSTRUCTIONS

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

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

- 1. Read all instructions before using the appliance.
- Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found on page 1.
- This appliance must be grounded. Connect only to properly grounded outlet.
   See "GROUNDING INSTRUCTIONS" found on page 3.
- 4. Install or locate this appliance only in accordance with the provided installation instructions.
- Some products such as whole eggs and sealed containers - for example, closed glass jars-are able to explode and should not be heated in this oven.
- 6. Use this appliance only for its intended use as described in this manual. Do not use corrosive chemicals or vapors in this appliance. This type of oven is specifically designed to heat, cook, or dry food. It is not designed for industrial or laboratory use.
- 7. As with any appliance, close supervision is necessary when used by children.
- 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.
- This appliance should be serviced only by qualified service personnel.
   Contact nearest authorized service facility for examination, repair or adjustment.
- 10. Do not cover or block any openings on the appliance.
- 11. Do not store this appliance outdoors. Do not use this product near water — for example, near a kitchen sink, in a wet basement, or near a swimming pool, or similar locations.
- 12. Do not immerse cord or plug in water.
- 13. Keep cord away from heated surfaces.
- Do not let cord hang over edge of table or counter.
- 15. Either:
  - a) When cleaning surfaces of door and oven that comes together on closing the door, use only mild, non-abrasive soaps or detergents applied with a sponge or soft cloth, or
  - b) When separate cleaning instructions are provided, See door surface cleaning instructions on.

- 16. To reduce the risk of fire in the oven cavity:
  - a) Do not overcook food. Carefully attend appliance when paper, plastic, or other combustible materials are placed inside the oven to facilitate cooking.
  - b) Remove wire twist-ties from paper or plastic bags before placing bag in oven.
  - c) If materials inside the oven ignite, keep oven door closed, turn oven off, and disconnect the power cord, or shut off power at the fuse or circuit breaker panel.
  - d) Do not use the cavity for storage purposes. Do not leave paper products, cooking utensils, or food in the cavity when not in use.
- 17. Do not use this microwave oven to heat corrosive chemicals (for example, sulfides and chlorides). Vapours from such corrosive chemicals may interact with the contact and springs of the safety interlock switches thereby rendering them inoperable.
- 18. Keep the waveguide cover clean at all times. Wipe the oven interior with a soft damp cloth after each use. If you leave grease or fat anywhere in the cavity it may overheat, smoke or even catch fire when next using the oven.
- Never heat oil or fat for deep frying as you cannot control the temperature and doing so may lead to overheating and fire.
- 20. Liquids, such as water, coffee, or tea are able to be overheated beyond the boiling point without appearing to be boiling due to surface tension of the liquid. Visible bubbling or boiling when the container is removed from the microwave oven is not always present. THIS COULD RESULT IN VERY HOT LIQUIDS SUDDENLY BOILING OVER WHEN A SPOON OR OTHER UTENSIL IS INSERTED INTO THE LIQUID. To reduce the risk of injury to persons:
  - a) Do not overheat the liquid.
  - b) Stir the liquid both before and halfway through heating it
  - c) Do not use straight-sided containers with narrow necks.
  - d) After heating, allow the container to stand in the microwave oven for a short time before removing the container.
  - e) Use extreme care when inserting a spoon or other utensil into the container.

## SAVE THESE INSTRUCTIONS

# FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT (U.S.A. ONLY)

#### **WARNING:**

This equipment generates and uses ISM frequency energy and if not installed and used properly, that is in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception.

It has been type-tested and found to comply with limits for an ISM Equipment pursuant to part 18 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the followings.

- Reorient the receiving antenna of radio or television.
- Relocate the Microwave oven with respect to the receiver.
- Move the microwave oven away from the receiver.
- Plug the microwave oven into a different outlet so that microwave oven and receiver are on different branch circuits.

THE MANUFACTURER is not responsible for any radio or TV interference caused by UNAUTHORIZED MODIFICATION to this microwave oven. It is the responsibility of the user to correct such interference.

## **GROUNDING INSTRUCTIONS**

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

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

Consult a qualified electrician or serviceman if the grounding instructions are not completely understood, or if doubt exists as to whether the appliance is properly grounded, and either:

- (1) If it is necessary to use an extension cord, use only a 3-wire extension cord that has a 3-blade grounding plug, and a 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord shall be equal to or greater than the electrical rating of the appliance. or
- (2) Do not use an extension cord, if the power supply cord is too short, have a qualified electrician or serviceman install an outlet near the appliance.

## INSTALLATION

#### 1. Examine the oven after unpacking.

Check for damage such as a misaligned door, broken door or dent in the cavity. If any damage is visible, DO NOT INSTALL, and notify your dealer immediately.

#### 2. Level, flat location.

Install the microwave oven on a level, flat surface.

#### 3. Ventilation.

Do not block air vents. If they are blocked during operation, the oven may overheat and eventually cause a failure.

For proper ventilation, allow 3 inches of space between oven top, sides, rear and adjacent surfaces.

#### 4. Away from radio and TV sets.

Poor television reception and radio interference may result if the oven is located close to a TV, radio, antenna, feeder, etc.

Place the oven as far from them as possible.

#### 5. Away from heating appliances and water taps.

Keep the oven away from heat, steam or splashing liquids. These things can adversely affect oven wiring and contacts.

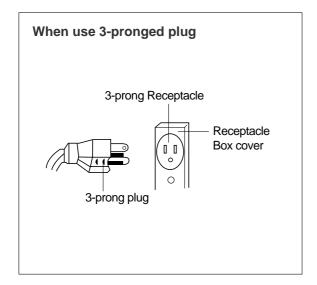
#### 6. Power supply.

This microwave oven requires a power supply of approximately 12 Amperes, 120 Volts, 60Hz and a grounded outlet. A short power cord is provided to reduce the risk of the user becoming entangled in or tripping over a longer cord. Longer cord sets or extension cords are available and may be used if care is exercised.

If an extension cord is used, the marked electrical rating of the cord should be at least as great as the electrical rating of the oven.

The extension cord must be a grounding-type 3-wire cord. The longer cord should be arranged so it does not drape over the table top or counter where children can pull on it or trip over it.

7. The minimum height of free space necessary above the top surface of the oven is 100mm.



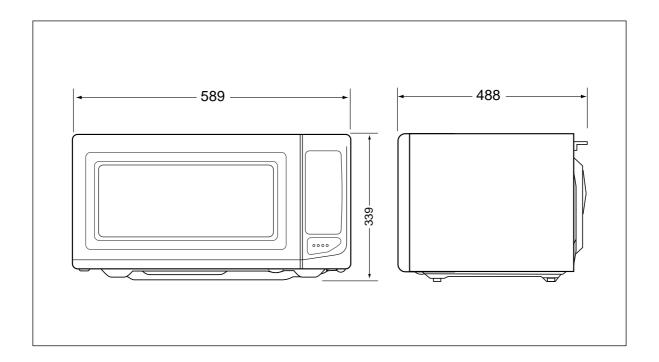


"THE CANADIAN ELECTRICAL CODE DOES NOT ALLOW THE USE OF THE GROUNDING ADAPTOR"

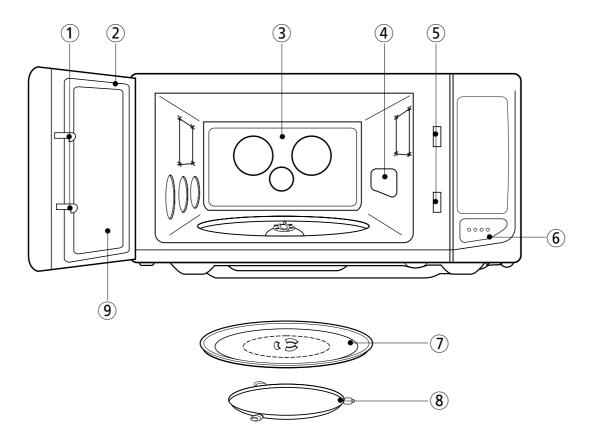
## **SPECIFICATIONS**

POWER SUPPL	Υ	120V AC 60 Hz SINGLE PHASE WITH GROUNDING	
POWER CONSUMPTION		1600 W	
MICROWAVE	OUTPUT POWER	1200 W	
FREQUENCY		2450 MHz	
OUTSIDE DIMENSIONS (W x D x H)		589 x 488 x 339 mm (23.2 x 19.2 x 13.3 in.)	
CAVITY DIMENS	SIONS (W x D x H)	399 x 451 x 278 mm (15.7 x 17.8 x 10.9 in.)	
NET WEIGHT		APROX. 18KG (39.7 lbs.)	
TIMER		99 min. 99 sec.	
POWER LEVELS		10 LEVELS	

<sup>\*</sup> Specifications are subject to change without notice.



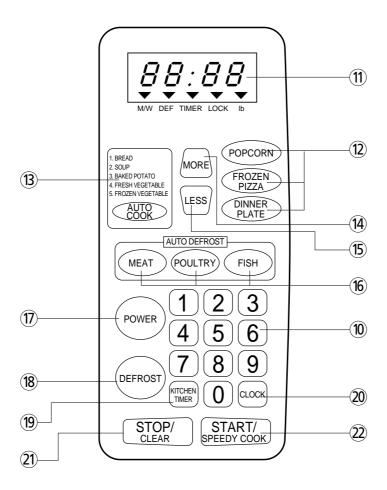
## **FEATURES DIAGRAM**



- Door latch-When the door is closed it will automatically shut off. If the door is opened while the oven is operating, the magnetron will automatically shut off.
- **2. Door seal-**The door seal maintains the microwave within the oven cavity and prevents microwave leakage.
- 3. Oven cavity
- **4. Spatter shield-**Protects the microwave outlet from splashes of cooking foods.
- **5. Safety interlock system-**Prevents the oven from operating while the door is opened.

- **6. Door release button-**Pushing this button stops oven operation and opens the door.
- 7. Glass cooking tray-Made of special heat resistant glass. The tray must always be in proper position before operating. Do not cook food directly on the tray.
- **8. Roller guide-**Supports the glass cooking tray.
- **9. Door screen-**Allows viewing of food. The screen is designed so that light can pass through, but not the microwaves.

## **FEATURES DIAGRAM (continued)**



- 10. **Time set pad-**Used to set the cooking time and the present time.
- 11. **Display-**Cooking time, power level, indicators and present time are displayed.
- 12. **One touch-**Used to cook or reheat specific quantities of food.
- 13. Auto Cook-Used to cook or reheat.
- 14. More-Used to add time to cooking.
- 15. Less-Used to remove time from cooking.
- Auto Defrost-Used to defrost foods.(for weight)

- 17. **Power-**Used to set power level.
- 18. **Defrost-**Used to defrost foods.(for time)
- Timer-Used as a minute timer, to delay the start of cooking, or to set a holding time after cooking.
- 20. Clock-Used to set clock.
- 21. Stop/Clear-Used to stop the oven operation or to delete the cooking data.
- 22. **Start/Speedy cook-**Used to start the oven and also used to set a reheat time.

## **OPERATION PROCEDURE**

This section includes useful information about oven operation.

- 1. Plug power supply cord into a standard 3-pronged 12 Amp, 120V AC 60Hz power outlet.
- 2. After placing the food in a suitable container, open the oven door and put it on the glass tray. The glass tray and roller guide must always be in place during cooking.
- 3. Shut the door. Make sure that it is firmly closed.
- The oven light is on only when the microwave oven is operating.
- 2 The oven door can be opened at any time during operation by touching the door release button on the control panel. The oven will automatically shut off.
- 3 Each time a pad is touched, a BEEP will sound to acknowledge the touch.
- The oven automatically cooks on full power unless set to a lower power level.
- 5 The display will show ": 0" when the oven is plugged in.
- 6 Time clock returns to the present time when the cooking time ends.

- 7 When the STOP/CLEAR pad is touched during the oven operation, the oven stops cooking and all information retained. To erase all information(except the present time), touch the STOP/CLEAR pad once more. If the oven door is opened during the oven operation, all information is retained.
- 8 If the START pad is touched and the oven does not operate, check the area between the door and door seal for obstructions and make sure the door is closed securely. The oven will not start cooking until the door is completely closed or the program has been reset.

Make sure the oven is properly installed and plugged into the electrical outlet.

#### **WATTAGE OUTPUT CHART**

• The power-level is set by pressing the POWER pad. The chart shows the display, the power level and the percentage of power.

Touch POWER pad	Power level (Display)	Approximate Percentage of Power
once	P-HI	100%
twice	P-90	90%
3 times	P-80	80%
4 times	P-70	70%
5 times	P-60	60%
6 times	P-50	50%
7 times	P-40	40%
8 times	P-30	30%
9 times	P-20	20%
10 times	P-10	10%
11 times	P-00	0%

## **CONTROLS**

#### **SETTING THE CLOCK**

When the oven is first plugged in, the display will flash ":0" and a tone will sound. If the AC power ever goes off, the display shows ":0" when the power comes back on.

**CLOCK** 

- Touch CLOCK pad.
   This is a 12 hour clock system.
- 2. Touch CLOCK pad once more. This is a 24 hour clock system.
- 3. Enter the correct time of day by touching the numbers in sequence.
- 4. Touch CLOCK pad.

**CLOCK** 

**NOTE**: This oven has multiple clock systems. If you want 12 hour clock system, omit this step.

The display stops blinking, and the clock starts blinking. If you selected 12 hour clock system, this digital clock allows you to set from 1:00 to 12:59. If you selected 24 hour clock system, this digital clock allows you to set from 0:00 to 23:59.

**NOTE:** If you attempt to enter an incorrect time, the time will not be set and a error signal tone will sound. Touch the CLOCK pad and re-enter the time.

#### TIME DEFROSTING

When DEFROST is selected, the automatic cycle divides the defrosting time into periods of alternating defrost and stand times by cycling on and off.

**DEFROST** 

1. Touch DEFROST pad.

The DEF indicator lights and ": 0" is displayed.

2. Touch number pads for the desired defrosting time.

The display will show the numbers you pressed in the order you touched.

**Note :** Your oven can be programmed for 99 minutes 99 seconds. (99:99)

3. Touch START pad.

When you touch START pad, the DEF indicator starts blinking to show the oven is in the DEFROST mode. The display counts down the time to show you how much defrosting time is left in the DEFROST mode. The oven beeps during the defrosting cycle to signal that the food needs to be turned or rearranged. When the defrosting time ends, you will hear 3 beeps.

#### **WEIGHT DEFROSTING**

AUTO DEFROST lets you easily defrost food by eliminating guesswork in determining defrosting time. Follow the steps below for easy defrosting.

1. Touch MEAT pad.  MEAT	The lb indicator light and "1.0" is displayed.
Select the desired defrosting weight.     (Refer to the weight defrost chart below.)	The display will show what you touched.
3. Touch START pad.	MEAT DEFROSTING begins.
1. Touch POULTRY pad. POULTRY	The lb indicator light and "1.5" is displayed.
Select the desired defrosting weight.     (Refer to the weight defrost chart below.)	The display will show what you touched.
3. Touch START pad.	POULTRY DEFROSTING begins.
1. Touch FISH pad.	The Ib indicator light and "0.5" is displayed.
Select the desired defrosting weight.     (Refer to the weight defrost chart below.)	The display will show what you touched.
3. Touch START pad.	FISH DEFROSTING begins.

#### \* WEIGHT DEFROST CHART

Touch pad	MEAT	POULTRY	FISH
once	1.0 lb	1.5 lb	0.5 lb
twice	1.5 lb	2.0 lb	1.0 lb
3 times	2.0 lb	2.5 lb	1.5 lb
4 times	2.5 lb	3.0 lb	2.0 lb

The defrosting time is automatically determined by the weight selected.

When you touch START pad, the lb indicator goes off and the DEF indicator blinks and the defrosting time counts down in the display window. The oven beeps during the defrosting cycle to signal that the food needs to be turned or rearranged. When the defrosting time ends, you will hear 3 beeps.

#### **COOKING IN ONE STAGE**

POWER

X 6

 Touch POWER pad. (Select the desired power level.) The M/W indicator lights and "p-H1". The display will show what you touched. This example shows power level 5.

**Note :** If steps 1 and 2 are omitted, the oven will cook at full power.

2. Touch number pads for the cooking time.

The display will show the numbers you pressed in the order you touched.

**Note :** Your oven can be programmed for 99 minutes 99 seconds. (99:99)

3. Touch START pad.

When you touch START pad, the M/W indicator starts blinking to show the oven is cooking. The display counts down the time to show how much cooking time is left. When the cooking time ends, you will hear 3 beeps.

**NOTE:** Using lower power levels increases the cooking time which is recommended for foods such as cheese, milk and slow cooking of meats.

#### **COOKING IN TWO STAGES**

All recipes require the frozen foods to be defrosted fully before cooking. This oven can be programmed to automatically defrost foods before cooking.

DEFROST

1. Touch DEFROST pad.

The DEFROST indicator lights and ": 0" is

displayed.

2. Touch number pads for the defrosting time you want.

The display will show what you touched.

**POWER** 

x 6 3.Touch POWER pad.

(Select the desired power level.)

The M/W indicator lights and "P-HI" is displayed.

The display will show what you touched. This example shows power level 5.

4. Touch number pads for the desired cooking time.

The display will show what you touched.

5. Touch START pad.

The display will show the number you pressed

in the order you touched.

When you touch START pad, the DEF and M/W indicators come on to confirm the power levels selected. The DEF indicator starts blinking to show you that the oven is in DEFROST mode. The display counts down the time remaining in DEFROST mode. When the oven beeps, turn over, break apart and/or redistribute the food. At the end of DEFROST mode, the oven will beep and start M/W cook. The DEF indicator goes off and the M/W indicator starts blinking. The display counts down the time remaining in M/W mode. When M/W cook ends, you will hear 3 beeps.

#### KITCHEN TIMER MODE

Timer operates as a minute timer, can be set to delay cooking and used to set a holding time after cooking. However delay cooking can not be programmed for defrost. Timer operates without microwave energy.

#### **HOW TO USE AS A MINUTE TIMER**

**KITCHEN TIMER** 

1. Touch KITCHEN TIMER pad.

The KITCHEN TIMER indicator lights and "

: 0" is displayed.

2. Press the amount of time you

want to count down.

The display will show the numbers you pressed in the order you touched.

3. Touch START pad.

The display counts down the time remaining in KITCHEN TIMER mode. When KITCHEN TIMER mode ends, you will hear 3 beeps.

The TIMER indicator starts blinking and the display counts down the time remaining in KITCHEN TIMER mode. When KITCHEN TIMER mode ends, you will hear 3 beeps.

#### HOW TO USE TO DELAY THE START OF COOKING

**KITCHEN** TIMER

1. Touch KITCHEN TIMER pad.

The TIMER indicator lights and ": 0" is

displayed.

2. Press the amount of time you want to delay.

The display will show the numbers you pressed in the order you touched.

3. Program the desired power level and cooking time for food to be cooked.

The TIMER will begin counting down to

zero and cooking will then begin.

4. Touch START pad.

When you touch START pad, the TIMER indicator starts blinking and the display counts down the time remaining in KITCHEN TIMER mode. When KITCHEN TIMER mode ends, the oven will beep. The TIMER indicator goes off and M/W indicator starts blinking. The display counts down the time remaining in M/W mode. When M/W cook ends, you will hear 3 beeps.

#### HOW TO USE TO SET A HOLDING TIME

1. Program the desired cooking time.

The KITCHEN TIMER indicator lights and

": 0 " is displayed.

**KITCHEN** TIMER

2. Touch TIMER pad.

The display will show the numbers you pressed in the order you touched.

3. Press the amount of time you want the oven to hold.

Defrosting will start. After defrosting, stand

time will count down.

4. Touch START pad.

The M/W indicator starts blinking and the display counts down the time remaining in M/W mode. When the M/W cook ends, the oven will beep. The M/W indicator goes off and TIMER indicator starts blinking. The display counts down the time remaining in KITCHEN TIMER mode. When the KITCHEN TIMER mode ends, you will hear 3 beeps.

Note: Your oven can be programmed for 99 minutes 99 seconds. (99:99)

#### **SPEEDY COOK**

SPEEDY COOK allows you to reheat for 30 seconds at 100% (full power) by simply touching the SPEEDY COOK pad.

By repeatedly touching the SPEEDY COOK pad, you can also extend reheating time to 5 minutes by 30 second increments.

SPEEDY COOK 1. Touch SPEEDY COOK pad.

When you touch SPEEDY COOK, ":30" is

displayed.

After 1.5 seconds, the oven starts reheating.

#### ONE TOUCH COOKING

One touch cook allows you to cook or reheat many of your favorite foods by touching just one pad. To increase quantity, touch the chosen pad until number in display is same as the desired quantity to cook. (except for POPCORN)

**POPCORN** 

Remove plastic wrap.
 Follow manufacture's directions for placement and care in opening.

When you touch POPCORN pad once, "3.5" is displayed.

After 1.5 seconds, the display is changed into cooking time and the oven starts cooking.

**NOTE:** 1. Use prepackaged room-temperature microwave popcorn.

- 2. Place bag in oven according to manufacturer's directions.
- 3. Pop only one bag at a time.
- 4. After popping, open bag carefully: popcorn and steam are extremely hot.
- 5. Do not reheat unpopped kernels or reuse bag.
- 6. Do not leave oven unattended while popping popcorn.

**CAUTION:** If prepackaged popcorn is of a different weight than the recommended weight, do not use the popcorn pad. Follow the manufacturer instruction.

FROZEN PIZZA 1. Follow package directions for preparation model.

When you touch FROZEN PIZZA pad once, "7" is displayed.

After 1.5 seconds, the display is changed into the cooking time and the oven starts cooking.

\* FROZEN PIZZA \*

• 7 oz : Touch FROZEN PIZZA once.

• 14 oz : Touch FROZEN PIZZA twice within 1.5 seconds.

NOTE: 1 Use only one frozen pizza at a time

- 2. Use only frozen pizza made for microwave ovens.
- 3. If the cheese of frozen pizza does not melt sufficiently, cook a few seconds longer.
- 4. Some brands of frozen pizza may require more or less cooking time.

### **ONE TOUCH COOKING (continued)**

DINNER PLATE 1. Put foods in the microwave plate. Cover with vented plastic wrap.

When you touch DINNER PLATE pad once, "12" is displayed.

After 1.5 seconds, the display is changed into cooking time and the oven starts cooking.

#### \* DINNER PLATE \*

• 12 oz : Touch DINNER PLATE once.

• 15 oz : Touch DINNER PLATE twice within 1.5 seconds.

#### **AUTO COOK**

AUTO COOK allows you to cook or reheat many of your favorite foods by repeatedly touching auto cook pad.

AUTO COOK 1. Touch AUTO COOK pad.

When you touch AUTO COOK pad once, "AC-1" is displayed. By repeatedly touching this pad, you can select other food category as shown in the chart below.

CATEGORY	FOOD	WEIGHT	TOUCH PAD	DIRECTIONS
AC-1	BREAD	4slices	Touch AUTO COOK once	Place bread on a microwave dish.
AC-2	SOUP	12 oz	Touch AUTO COOK twice	Pour soup into microwave bowl or mug. Stir before serving.
AC-3	BAKED POTATO	3potatoes (7-8 oz. each)	Touch AUTO COOK three times	Wash and pierce potatoes with a fork. Place them on turntable.
AC-4	FRESH VEGETABLE	7 oz	Touch AUTO COOK four times	Trim and wash the mixed vegetables. Place them in the round dish. Add to 2 Tbsp. water.
AC-5	FROZEN VEGETABLE	7 oz. package	Touch AUTO COOK five times	Place the vegetables in the round dish. Add to 2Tbsp. water.

**START** 

2. Touch START pad.

When you touch START pad, the display is changed into cooking time and the oven starts cooking.

#### LESS, MORE

To alter one touch cooking or cooking time whilst oven is in operation, use LESS or MORE.(except for defrosting)

Press LESS/MORE to decrease/increase the one touch cooking time in multiples of 10 seconds. The overall one touch cooking time can be increased to a maximum of 99 minutes 50 seconds.

Press LESS/MORE to decrease/increase the cooking time in multiples of 1 minute.

The overall cooking time can be increased to a maximum of 99 minutes.

#### CHILD SAFETY LOCK

The safety lock prevents unwanted oven operation such as by small children. To set, press and hold STOP/CLEAR for 3 seconds, LOCK indicator lights. To cancel, press and hold STOP/CLEAR for 3 seconds, LOCK indicator goes off.

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

- 1. Press STOP/CLEAR pad.
  - You can restart the oven by touching START pad.
  - Touch STOP/CLEAR once more to erase all instructions.
  - You must enter in new instructions.
- 2. Open the door.
  - You can restart the oven by closing the door and touching START.

NOTE: Oven stops operating when door is opened.

## COOKING GUIDE

#### **COOKING UTENSILS**

#### **RECOMMENDED USE**

Glass and glass-ceramic bowls and dishes - Use for heating or cooking.

Microwave browning dish - Use to brown the exterior of small items such as steaks, chops, or pancakes. Follow the directions provided with you browning dish.

**Microwaveable plastic wrap -** Use to retain steam. Leave a small opening for some steam to escape and avoid placing it directly on the food.

Wax paper - Use as a cover to prevent spattering.

Paper towels and napkins - Use for short term heating and covering; they absorb excess moisture and prevent spattering. Do not use recycled paper towels, which may contain metal and can catch fire

**Paper plates and cups -** Use for short-term heating at low temperatures. Do not use recycled paper, which may contain metal and can catch fire.

**Thermometers -** Use only those labeled "Microwave Safe" and follow all directions. Check the food in several places. Conventional thermometers may be used once the food has been removed from the oven.

#### LIMITED USE

**Aluminum foil -** Use narrow strips of foil to prevent overcooking of exposed areas. Using too much toil can damage your oven, so be careful.

**Ceramic, porcelain, and stoneware -** Use these if they are labeled "Microwave Safe". If they are not labeled, test them to make sure they can be used safely. Never use dishes with metallic trim.

Plastic - Use only if labeled "Microwave Safe". Other plastics can melt.

**Straw**, wicker, and wood - Use only for short-term heating, as they can be flammable. Not Recommended

Glass jars and bottles - Regular glass is too thin to be used in a microwave, and can shatter.

**Paper bags -** These are a fire hazard, except for popcorn bags that are designed for microwave use.

Styrofoam plates and cups - These can melt and leave an unhealthy residue on food.

Plastic storage and food containers - Containers such as margarine tubs can melt in the microwave.

**Metal utensils -** These can damage your oven. Remove all metal before cooking.

#### **COOKING TECHNIQUES**

#### Stirring

Stir foods such as casseroles and vegetables while cooking to distribute heat evenly. Food at the outside of the dish absorbs more energy and heats more quickly, so stir from the outside to the center. The oven will turn off when you open the door to stir your food.

#### Arrangement

Arrange unevenly shaped foods, such as chicken pieces or chops, with the thicker, meatier parts toward the outside of the turntable where they receive more microwave energy. To prevent overcooking, place thin or delicate parts toward the center of the turntable.

#### **Shielding**

Shield food with narrow strips of aluminum foil to prevent overcooking. Areas that need shielding include poultry wing-tips, the ends of poultry legs, and corners of square baking sdishes. Use only small amounts of aluminum foil. Larger amounts can damage your oven.

#### **Turning**

Turn foods over midway through cooking to expose all parts to microwave energy. This is especially important with large items such as roatsts.

#### Standing

Foods cooked in the microwave build up internal heat and continue to cook for a few minutes after the oven stops. Let foods stand to complete cooking, especially foods such as roasts and whole vegetables. Roasts need this time to complete cooking in the center without overcooking the outer areas. All liquids, such as soup or hot chocolate, should be shaken or stirred when cooking is complete. Let liquids stand a moment before serving. When heating baby food, stir well and test the temperature before serving.

#### **Adding Moisture**

Microwave energy is attracted to water molecules. Food that is uneven in moisture content should be covered or allowed to stand so that the heat disperses evenly. Add a small amount of water to dry food to help it cook.

## **DEFROSTING**

#### GENERAL INFORMATION

- ➡ Put the food on a microwave rack (roasts, bone-in pieces) or in a microwave casserole (small pieces such as cubes or strips) or weigh at home on a kitchen scale. Round number to the nearest tenth of a pound and choose that number with each item pads.
- ➡ The shape of food items, especially larger ones, will vary affect the way defrost. Always check the status after the standing time. Fish, seafood and poultry should still be somewhat icy in the center the held under cold running water to finish defrosting. If more time is needed, use DEFROST by time to add time in small increments.
- ➡ Halfway through the defrosting process, a series of beeps will indicate that it is time to change the position of the item being defrosted. The includes turning over or rotating the item, separating defrosted pieces or sections, or shielding.
- Shielding means to use a 2-inch strip of aluminum foil to protect thinner or unevenly shaped part from beginning to cook. Microwave energy will not penetrate the foil. Some rules apply to the use of foil:
  - Do not let the foil pieces touch each other or the sides of the microwave oven.
  - Be sure that all ends are touched under and lie flat to the food.
  - Remember to adjust foil when a item is turned over and cover with wax paper.
- ➡ To prepare food for freezer storage(and later defrosting), wrap tightly in moisture proof packaging. If using freezer plastic bags, be sure to let all the air out to prevent freezer bump on the food. Package so that food is as evenly shaped as possible ease in defrosting.

## **DEFROSTING CHART**

FISH AND SEAFOO	D	
ITEM	SPECIAL INSTRUCTIONS	COOKING TIME PER POUND
Fish Fillets Frozen in block	Place fillets on a microwave rack; cover paper towel. At beeps, turn over block of fish. Separate fillets, if possible. Press START to continue defrosting. Let stand 10 minutes then finish with cold running water (about 5 minutes).	4~6 min.
Individual Fish Fillets or Fish Steaks	Place fish on a microwave rack; cover with paper towel. At beeps, turn fish over. Press START to continue defrosting. Let stand 5 minutes then finish with cold running water (about 5 minutes).	4~6 min.
PORK		
ITEM	SPECIAL INSTRUCTIONS	COOKING TIME PER POUND
Pork Strips	Place pork strips on a microwave rack; cover with paper towel. At beeps, separate and turn over. Press START to continue defrosting. Let stand 20 minutes.	7~10 min.
Pork Cubes	Place pork cubes on a microwave rack; cover with paper towel. At beep, separate and rearrange.  Press START to continue defrosting. Let stand 20 minutes.	7~10 min.
BEEF AND LAMB		
ITEM	SPECIAL INSTRUCTIONS	COOKING TIME PER POUND
Beef Rolled Rump Roast, boneless OR Beef Round Sirloin Tip Roast, boneless	Place roast (up to 3 pounds) on a glass cooking tray with paper towel. At beeps, turn over and shield before continuing. Press START to continue defrosting. Let stand 30 minutes.	10~13 min.
Ground Beef 1/2 to 1 pound	Place beef on a glass cooking tray with paper towel. At beeps, remove any defrosted meat. Press START to continue defrosting. Let stand 10 minutes.	8~10 min.
POULTRY		
ITEM	SPECIAL INSTRUCTIONS	COOKING TIME PER POUND
Whole Chicken OR Cornish Hen	Place chicken, breast side down, on a glass cooking tray with paper towel. At beeps, turn over and shield before continuing. Press START to continue defrosting. Let stand 20 minutes. If needed, finish defrosting under cold running water.	8~10 min.
Whole Chicken, Cut up OR Chicken Pieces, Bone- in	Place chicken on a glass cooking tray with paper towel. At beeps, turn over, separate and rearrange; shield bones. Press START to continue defrosting. Let stand 15 minutes. If needed, finish defrosting under cold running water.	8~10 min.

## **COOKING CHART**

MEAT		
ITEM	MICROWAVE POWER	COOKING TIMER PER POUND
Beef		
Standing/rolled Rib - Rare	P-80	6-8 min.
- Medium	P-80	8-10 min.
- well done	P-80	10-12 min.
Ground Beef(to brown for casserole)	P-HI	6-8 min.
Hamburgers, Fresh or defrosted		
(4 oz. Each)		
2 patties	P-HI	3-5 min.
4 patties	P-HI	4-6 min.
Pork		
Loin, Leg	P-80	8-10 min.
Bacon		
4 slices	P-HI	2-3 min.
6 slices	P-HI	3-4 min.

**NOTE:** The above times should be regarded only as a guide. Allow for difference in individual tastes and preferences. The times may vary due to the shape, cut, and composition of the meat.

#### **POULTRY**

ITEM	MICROWAVE POWER	COOKING TIMER PER POUND
Chicken		
Whole	P-HI	7-9 min.
Breast(boned)	P-80	6-8 min.
portions	P-80	7-9 min.
Turkey		
Whole	P-HI	9-11 min.

**NOTE:** The above times should be regarded only as a guide. Allow for difference in individual tastes and preferences. The times may vary due to the shape and composition of the food.

#### FRESH FISH

ITEM	MICROWAVE POWER	COOKING TIME PER POUND	METHOD	STANDING TIME
Fish Fillets	P-HI	4~6 min.	Add 15-30 ml(1-2 Tbsp)	2-3 min.
Whole Mackerel, Cleaned and Prepared	P-HI	4~6 min.	-	3-4 min.
Whole Trout, Cleaned and Prepared	P-HI	5~7 min.	-	3-4 min.
Salmon Steaks	P-HI	5~7 min.	Add 15~30 ml(1~2 Tbsp)	3-4 min.

VEGETABLE				
ITEM	PREPARATION	QUANTITY	COOKING TIME	STANDING TIME
artichokes, fresh	Whole	4(8 oz. each)	8-10 min.	5 min.
artichokes, frozen	Hearts	9 oz. pkg	7-9 min.	5 min.

VEGETABLE				
ITEM	PREPARATION	QUANTITY	COOKING TIME	STANDING TIME
asparagus, fresh	11/2-in.pieces	1 lb.	5-6 min.	3 min.
asparagus, frozen	Whole spears	10 oz. pkg	6-7 min.	3 min.
broccoli, fresh	Spears	1 lb.	5-6 min.	-
broccoli, frozen	Whole or cut	10 oz. pkg	6-7 min.	3 min.
brussels sprouts, fresh	Whole	10 oz. tub	4-5 min.	-
brussels sprouts, frozen	Whole	10 oz. pkg	5-6 min.	3 min.
carrots, fresh	1/2-in.slices	1 lb.	5-6 min.	3 min.
carrots, frozen	Sliced	10 oz. pkg	4-5 min.	3 min.
cauliflower, frozen	florets	10 oz. pkg	4-5 min.	3 min.
celery, fresh	1/2-in.slices	1 lb.	5-6 min.	5 min.
corn, freshon cob, husked	4 ears	6-7 min.	5 min.	
corn, frozen	on cob, husked	4 ears	6-7 min.	5 min.
com, nozen	whole kernel	10 oz. pkg	5-6 min.	3 min.
aggalant frach	cubed	1 lb.	6-7 min.	3 min.
eggplant, fresh	whole, pierced	1-11/2 lb.	7-8 min.	5 min.
leeks freshwhole, ends	1 lb.	7-8 min.	5 min.	
lima beans, frozen	whole	10 oz. pkg	4-5 min.	3 min.
mixed vegetables frozen	-	10 oz. pkg	4-5 min.	3 min.
mushrooms, fresh	sliced	1 lb.	4-5 min.	3 min.
okra, frozen	sliced	10 oz. pkg	5-6 min.	5 min.
onions, fresh	whole, peeled	8-10 small	7-8 min.	5 min.
pea pods(snow peas), frozen	whole	6 oz. pkg	4-5 min.	3 min.
peas and carrots	-	10 oz. pkg	5-6 min.	3 min.
parsnips, fresh	cubed	1 lb.	5-6 min.	5 min.
potatoes, white or sweet, fresh	whole	4(6 oz. eash)	9-11 min.	3 min.
potatoes, write or sweet, fresh	whole	8(6 oz. eash)	15-17 min.	5 min.
squash, summer, fresh	1/2-in.slices	1 lb.	6-8 min.	3 min.
squash, summer, frozen	sliced	10 oz. pkg	5-7 min.	3 min.
squash, winter, fresh	whole, pierced	11/2lbs.	10-12 min.	5 min.
squash, winter, frozen	whipped	12 oz. pkg	8-10 min.	3 min.
succotash, frozen	-	10 oz. pkg	5-7 min.	3 min.
turnips	cubed	4 cups	8-10 min.	3 min.

## **REHEATING CHART**

ITEM	QUANTITY	POWER LEVEL	COOKING TIME	SPECIAL INSTRUCTION
Appetizers (bite size)	2 servings	P-HI	3-4 min.	Heat 12 at time on paper towel lined paper plate or microwave oven roasting rack.
Breakfast entrée	4-5 oz.	P-HI	2-4 min.	If containers is 3/4-inch deep,
Entrée	8-9 oz.	P-HI	6-8 min.	remove foil cover and replace foil
Regular TV-style dinner	21 oz.	P-HI	12-14 min.	tray in original box. For containers more then 3/4-
Hearty TV-style dinner	11 oz. 17 oz.	P-HI P-HI	5-7 min. 7-9 min.	inch deep, remove food to similar size glass container; heat, covered. If no top crust stir occasionally.

ITEM	QUANTITY	POWER LEVEL	COOKING TIME	SPECIAL INSTRUCTION	
Fried chicken	2 pieces	P-HI	3-5 min.		
	4 pieces	P-HI	4-6 min.	Arrange, on paper tower lined	
	6 pieces	P-HI	6-8 min.	paper plate, covered with paper	
Fried fresh fillets	2 fillets	P-HI	2-3 min.	tower.	
THEU HESH IIIICIS	4 fillets	P-HI	3-4 min.		
	1	P-HI	1-3 min.	Arrange on microwave oven	
Pizzas	2	P-HI	2-4 min.	roasting rack.	
	4	P-HI	5-6 min.	•	
Pouch dinners	5-6 oz.	P-HI	4-5 min.	Pierce pouch. Set on plate. Turn	
Fouch diffices	10-11 oz.	P-HI	7-9 min.	over halfway through cooking.	
Bagels	2	P-50	2-3 min.		
Dayeis	4	P-50	3-5 min.		
	1	P-50	1-2 min.		
Danish	2	P-50	2-3 min.	Each individually wrapped in	
Danish	4(6 oz. pkg)	P-50	3-4 min.	paper toweling (for1-2) or arrange	
	6(13 oz. pkg)	P-50	4-5 min.	on paper plate, cover with paper	
Dinner rolls	6	P-50	2-3 min.	toweling.	
	1(1-1 <sup>1</sup> /4 oz.)	P-50	1-2 min.		
Hard rolls	2	P-50	1-2 min.		
	4	P-50	2-3 min.		
Frozen Juice	6 oz.	P-HI	1-2 min.	Remove lid. If container is foil	
Concentrates	12 oz.	P-HI	2-5 min.	lined transfer to a pitcher or open	
Non-Dairy creamer	16 oz.	P-50	8-10 min.	carton.	
Pancake	10 oz.	P-50	4-5 min.	Let stand after defrosting.	
Frozen vegetables	6 oz.	P-50	6-10 min.	Pierce box, set on plate. If box is foil	
	10 oz.	P-50	8-12 min.	wrapped, remove foil. If vegetables are	
	10 02.	F-50	0-12 11111.	in pouch, pierce pouch. Let stand 5 min.	
Cheese cake	17 oz.	P-50	3-4 min.		
		. 55		Remove from original container.	
Brownies	13 oz.	P-50	1-3 min.	Arrange on a serving plate. Let	
		P-50	1 <sup>1</sup> /2-3 min.	stadn 5 minutes after cooking(to defrost). Add an additional 1-2 minutes to serve warm.	
Pound cake	10 <sup>3</sup> /4 oz.				
Coffee cake	11-12 oz.	P-50	2-3 min.		

## **WEIGHT & MEASURE CONVERSION CHART**

#### **WEIGHT & MEASURE CONVERSION CHART**

#### ■ POUNDS & OUNCES TO GRAMS

POUNDS(lb.)	GRAMS(g)	OUNCES(oz.)	GRAMS(g)	OUNCES(oz.)	GRAMS(g)
1/4	114	1	28	9	255
1/2	227	2	57	10	284
3/4	341	3	85	11	312
1	454	4	113	12	340
2	907	5	142	13	369
3	1361	6	170	14	397
4	1814	7	198	15	425
5	2268	8	227	16	454
6	2722	■ FLUID MEASUREMENTS			
7	3175				
8	3629	1 Cup	= 8 fluid o	unces	= 240 ml.
9	4082	1 Pint	= 16 fluid o	unces	= 480 ml.
10	4526	1 Quart	= 32 fluid o	unces	= 960 ml.
11	4990	1 Gallon	= 128 fluid o	unces	= 3840 ml.

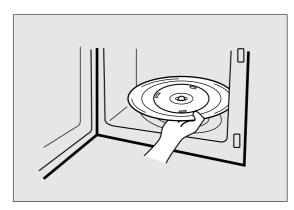
#### ■ WEIGHT DEFROST AND COOK CONVERSION CHART

Ounces	Hundredths of a Pound	Tenths of a Pound	Grams
1-2	.0615	0.1	50
3-4	.1625	0.2	100
5-6	.2635	0.3	150
7	.3645	0.4	200
8-9	.4655	0.5	250
10-11	.5665	0.6	300
12-13	.6675	0.7	350
14	.7685	0.8	400
15-16	.8695	0.9	450

## **CARE OF YOUR MICROWAVE OVEN**

- 1 Turn the oven off before cleaning.
- 2 Keep the inside of the oven clean. When food spatters or spilled liquids adhere to oven walls, 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.
- 3 The outside oven surface should be cleaned with soap and water, rinsed and dried with a soft cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.
- 4 If the Control Panel becomes wet, clean with a soft, dry cloth. Do not use harsh detergents or abrasives on Control Panel.
- 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 conditions and in no way indicates malfunction of the unit.

6 It is occasionally necessary to remove the glass tray for cleaning. Wash the tray in warm sudsy water or in a dishwasher.



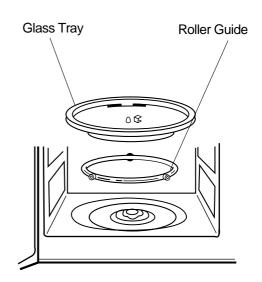
7 The roller guide and oven cavity floor should be cleaned regularly to avoid excessive noise. Simply wipe the bottom surface of the oven with mild detergent water or window cleaner and dry. The roller guide may be washed in mild sudsy water.

#### **ROLLER GUIDE**

- The ROLLER GUIDE and oven floor should be cleaned frequently to prevent excessive noise.
- The ROLLER GUIDE MUST ALWAYS be used for cooking together with the Glass Tray.

#### **GLASS TRAY**

- DO NOT operate the oven without the Glass Tray in place.
- 2 DO NOT use any other Glass Tray with this oven.
- 3 If Glass Tray is hot, ALLOW TO COOL before cleaning or placing it in water.
- DO NOT cook directly on the Glass Tray.



## **USE YOUR MICROWAVE OVEN SAFELY**

#### General Use

Do not attempt to defeat or tamper with safety interlocks.

Do not place any object between the oven front frame and the door or allow residue to build up on sealing surfaces. Wipe with a mild detergent, rinse and dry. Never use abrasive powders or pads.

Do not subject the oven door to strain or weight such as a child hanging on an open door.

This could cause the oven to fall forward resulting in injury to you and damage to the oven.

Do not operate the oven if door seals or sealing surfaces are damaged; or if door is bent; or if hinges are loose or broken.

Do not operate the oven empty. This will damage the oven.

Do not attempt to dry clothes, newspapers or other materials in the oven. They may catch on fire.

Do not use recycled paper products as they may contain impurities which may cause sparks or fires.

Do not hit or strike the control panel with hard objects. This can damage the oven.

#### **Food**

Never use your microwave oven for home canning. The oven is not designed for proper home canning. Improperly canned food may spoil and be dangerous to consume.

Always use the minimum recipe cooking time. It is better to undercook rather than overcook foods. Undercooked foods can be returned to the oven for more cooking. If food is overcooked, nothing can be done.

Heat small quantities of food or foods with low moisture carefully. These can quickly dry out, burn or catch on fire.

Do not heat eggs in the shell. Pressure may build up and eggs can explode.

Potatoes, apples, egg yolks and sausages are examples of food with non-porous skins. These must be pierced before cooking to prevent bursting.

Do not attempt to deep fat fry in your microwave oven.

Always stir liquids before heating. Heated liquids can erupt, if not mixed with air.

Do not leave the oven unattended while popping corn.

Do not pop corn in a paper bag unless it is the commercially prepared Microwave Popcorn product. The kernels can overheat and ignite a brown paper bag.

Do not put packaged Microwave Popcorn bags directly on the oven tray. Place the package on a microwave safe glass or ceramic plate to avoid overheating and cracking the oven tray.

Do not exceed the Microwave Popcorn manufacturers' suggested popping time. Longer popping does not yield more popcorn but it can result in scorch, burn of fire. Remember, the Popcorn bag and tray can be too hot to handle. Remove with caution and use pot holders.

## BEFORE YOU CALL FOR SERVICE

Refer to the following checklist, you may prevent an unnecessary service call.

- \* The oven doesn't work:
- 1. Check that the power cord is securely plugged in.
- 2. Check that the door is firmly closed.
- 3. Check that the cooking time is set.
- 4. Check for a blown circuit fuse or tripped main circuit breaker in your house.
- \* Sparking in the cavity;
- 1. Check utensils. Metal containers or dishes with metal trim should not be used.
- 2. Check that metal skewers or foil does not touch the interior walls.

If there is still a problem, contact the service station.

A list of these stations is included in the oven.

DO NOT ATTEMPT TO SERVICE THE OVEN YOURSELF!

## **QUESTIONS AND ANSWERS**

- \* Q: I accidentally ran my microwave oven without any food in it. Is it damaged?
- A: Running the oven empty for a short time will not damage the oven. However, it is not recommended.
- \* Q: Can the oven be used with the glass tray or roller guide removed?
  - A: No. Both the glass tray and roller guide must always be used in the oven before cooking.
- \* Q: Can I open the door when the oven is operating?
- **A**: The door can be opened anytime during the cooking operation. Then microwave energy will be instantly switched off and the time setting will maintain until the door is closed and START is touched.
- \* Q: Why do I have moisture in my microwave oven after cooking?
  - **A**: The moisture on the side of your microwave oven is normal. It is caused by steam from cooking food hitting the cool oven surface.
- \* Q: Dose microwave energy pass through the viewing screen in the door?
  - **A**: No. The metal screen bounces back the energy to the oven cavity. The holes are made to allow light to pass through. They do not let microwave energy pass through.

Version NO. IM-01



# Microwave Oven Warranty

Daewoo Electronics America, Inc. warrants each new Microwave Oven to be free from defects in material and workmanship and agrees to remedy any such defect or to furnish a new part(s) (at the company's option) for any part(s) of the unit that has failed during the warranty period. Parts and labor expenses are covered on this unit for a period of one year after the date of purchase. In addition Daewoo Electronics America, Inc. Inc. warrants the Magnetron (parts only) to be free from defects in material and workmanship for a period of 8 years. The consumer is responsible for all labor and transportation expenses related to the diagnosis and replacement of the Magnetron after the initial one- year warranty expires. If in the event the unit requires replacement or refund under the terms of this warranty the consumer is responsible for all transportation expenses to return the unit to our factory prior to receiving a replacement unit or refund. A copy of the dated sales receipt / invoice is required to receive warranty service.

This warranty covers appliances in use within the continental United States, Puerto Rico and Hawaii. The warranty does not cover the following:

- Damages due to shipping damage or improper installation.
- Damages due to misuse or abuse.
- Content losses due to failure of the unit.
- Repairs performed by unauthorized service agents.
- Service calls that do not involve defects in material and workmanship such as instruction on proper use of the product or improper installation.
- Replacement or resetting of house fuses or circuit breakers.
- Failure of this product if used for other then its intended purpose.

This warranty is in lieu of all warranties expressed or implied and no representative or person is authorized to assume for us any other liability in connection with the sale of this product. Under no circumstances is the consumer permitted to return this unit to the factory without prior written consent from MC Appliance corp.

ModelPartsLaborMagnetron (Part Only)Type of ServiceMCD18G1WOne-YearOne-YearEight YearsCarry In

For Service or Assistance please call 800 553-4355 or 888 775-0202 Or visit us on the web at www.magicchef-ewave.com