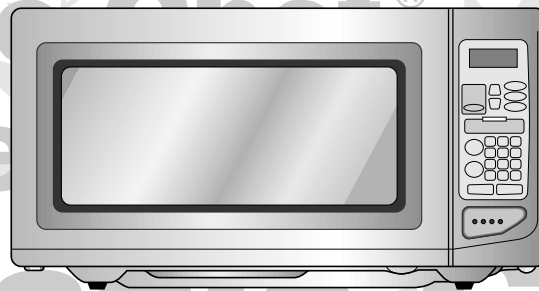




# 1.8 cu. ft. Microwave Oven

MCD1812W

Instruction Manual  
and Cooking Guide



So Right at Home.

Before operating this oven, please read these instructions completely.

# TABLE OF CONTENTS

1. PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY	2
2. IMPORTANT SAFETY INSTRUCTIONS	3
3. ARCING	4
4. FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT (U.S.A. ONLY)	4
5. GROUNDING INSTRUCTIONS	5
6. SAFETY PRECAUTIONS	6
7. INSTALLATION	7
8. CARE OF YOUR MICROWAVE OVEN SAFETY	8
9. HOW TO USE YOUR MICROWAVE OVEN SAFELY	9
10. OPERATION PROCEDURE	9
11. FEATURES	10
12. HOW TO SET THE OVEN CONTROLS	11
13. TO STOP THE OVEN WHILE THE OVEN OPERATING	17
14. COOKING GUIDE	18
15. COOKING UTENSILS	18
16. COOKING TECHNIQUES	18
17. DEFROSTING	19
18. DEFROSTING CHART	20
19. COOKING CHART	21
20. REHEATING CHART	22
21. WEIGHT & MEASURE CONVERSION CHART	23
22. SPECIFICATIONS	25
23. BEFORE YOU CALL FOR SERVICE	25
24. QUESTIONS AND ANSWERS	26
25. LIMITED WARRANTY	27

## **PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY**

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- (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.

# IMPORTANT SAFETY INSTRUCTIONS

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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.
- 2 Read and follow the specific "PRECAUTIONS TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY" found on page 1.
- 3 This appliance must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS" found on page 4.
- 4 Install or locate this appliance only in accordance with the provided installation instructions.
- 5 Some products such as whole eggs and containers-for example sealed closed glass jars-may explode and should not be heated in this oven.
- 6 Use this appliance only for its intended in this manual. 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.
- 8 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.
- 9 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, and the like.
- 12 Do not immerse cord or plug in water.
- 13 Keep cord away from heated surfaces.
- 14 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 (specific page or section to be included)
- 16 To reduce the risk of fire in the oven cavity:
  - (a) Do not overcook food. Carefully attend appliance if 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 should 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.
- 19 Never heat oil or fat for deep frying as you cannot control the temperature and doing so may lead to overheating and fire.

## SAVE THESE INSTRUCTIONS

# ARCING

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*If you see arcing, press Door Open Button and correct the problem.*

Arcing is the microwave term for sparks in the oven. Arcing is caused by:

- Metal or foil touching the side of the oven.
- Foil not molded to food (upturned edges act like antennas).
- Metal, such as twist-ties, poultry pins, or gold rimmed dishes, in the microwave.
- Recycled paper towels containing small metal pieces being used in the microwave.

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

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**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

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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.

**WARNING:**

Do not cut or remove the third(ground) prong from the power cord under any circumstances.

**USING AN ADAPTER**

Due to potential safety hazards, we strongly recommend against the use of an adapter plug. However, if the still elect to use an adapter, where local codes may permit, a TEMPORARY CONNECTION may be made to a properly grounded two prong wall receptacle by the use of a UL/CSA listed adapter, which is available at most hardware stores.

# SAFETY PRECAUTIONS

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## GENERAL USE

DO NOT attempt to temper with or make any adjustment or repair to door, control panel or any other part of the oven. DO NOT remove outer case from oven.

Repairs should only be done by a qualified service person.

If a fire occurs in the oven, touch the STOP/CLEAR pad and LEAVE THE DOOR CLOSED. Disconnect the power cord, or shut off power at the fuse or circuit breaker panel.

DO NOT operate the oven empty. The microwave energy will reflect continuously throughout the oven if no food or water is present to absorb energy.

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 and/or fires when used.

DO NOT hit or strike the control panel, damage to controls may occur.

AVOID inserting nails, wire, etc. through any holes in the unit while operating the oven. Never insert a wire, nails or any other metal object through the holes on the cavity or any other holes or gaps because such objects may cause electric shock and microwave leakage.

## UTENSILS

METAL CONTAINERS or dishes with metallic rims should not be used. Arcing may occur.

METAL TWIST-TIE must not be used in the microwave oven.

DO NOT use SEALED JARS or NARROW NECK bottles for cooking or reheating. They may shatter.

DO NOT use CONVENTIONAL THERMOMETERS in the microwave oven. They may cause arcing.

Remove PLASTIC STORE WRAPS before cooking or defrosting in the oven.

For FURTHER INFORMATION on proper cooking utensils, refer to the Introduction in the Microwave cooking guide.

## FOOD

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

COOKING TIMES given in the cooking guide are APPROXIMATE. Factors that may affect cooking are: starting temperature, altitude, volume, size and shape of foods and utensils used. As you become familiar with the oven, you will be able to adjust for these factors.

It is better to UNDERCOOK RATHER THAN OVERCOOK foods. If food is undercooked, it can always be returned to the oven for further cooking. If food is overcooked, nothing can be done. Always start with minimum cooking times.

SMALL QUANTITIES of food or foods with LOW MOISTURE content can burn, dry out or catch on fire if cooked too long.

DO NOT boil eggs in their shell. Pressure may build up and the eggs will explode.

Potatoes, apples, egg yolks, whole acorn squash and sausage are examples of food with NONPOROUS SKINS. These must be pierced before cooking to prevent bursting.

POPCORN must be popped in a microwave corn popper. Microwave popped corn produces a lower yield than conventional popping. Do not pop popcorn unless popped in a microwave approved popcorn utensils or unless it's commercially packaged and recommended especially for microwave ovens. Do not use oil unless specified by the manufacturer.

DO NOT attempt to deep fat fry in your oven.

HEATED LIQUIDS can ERUPT if not mixed with air. Do not heat liquids in your microwave oven without first stirring.

# INSTALLATION

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- 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. The minimum height of free space necessary above the top surface of the oven is 100mm.
- 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.  
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.
- 5 Power supply.**

This microwave oven requires a power supply of approximately 13 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 longer cord. Longer cord sets or extension cords are available and may be used if care to 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.

# CARE OF YOUR M.W.O

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Turn the oven off before cleaning.

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.

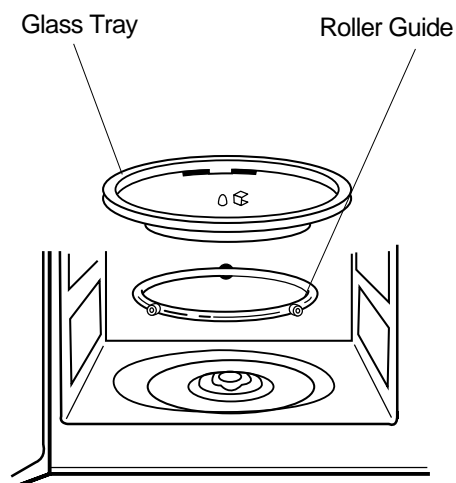
The outside oven surface should be cleaned with soap and water, rinsed and dried with a soft cloth. To prevent damage to the operating parts inside the oven, water should not be allowed to seep into the ventilation openings.

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.

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

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.



# HOW TO USE YOUR MICROWAVE OVEN SAFELY

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Although your oven is provided with safety features, it is important to observe the following:

- a) It is important not to defeat or tamper with safety interlocks.
- b) Do not place any object between the front face and the door or allow residue to accumulate on sealing surfaces.  
Wipe the sealing area frequently with a mild detergent, rinse and wipe dry. Never use abrasive powders or pads.
- c) When opened, the door must not be subjected to strain, for example, a child hanging on an opened door or any load could cause the oven to fall forward to cause injury and also damage the door. Do not operate the oven if it is damaged, until it has been repaired by a qualified service engineer. It is particularly important that the oven door closes properly and that there is no damage to the:
  - i) Door (bent)
  - ii) Hinges and Latches (broken or loosened)
  - iii) Door seals and Sealing surfaces
- d) The oven should not be adjusted or repaired by anyone except properly qualified service personnel.

**NOTE:**

It is quite normal for steam to be emitted around the door during the cooking cycle. The door is not intended to seal the oven cavity completely, but its special design contributes to the complete safety of the appliance.

**CAUTION:**

1. Do not attempt to operate the oven while empty as this will cause damage.
2. As an exhaust is located in the rear of the oven, install the oven so as not to block the outlet.

## OPERATION PROCEDURE

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This section includes useful information about oven operation.

1. Plug power supply cord into a standard 3-pronged 13 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. When the oven door is closed, the light turns off.  
The oven door can be opened at any time during operation by pressing the door release button on the control panel. The oven will automatically shut off. To restart the oven, close the door and then touch START.

The oven automatically cooks on full power unless set to a lower power level.

The display will show “ : 0 ” when the oven is plugged in.

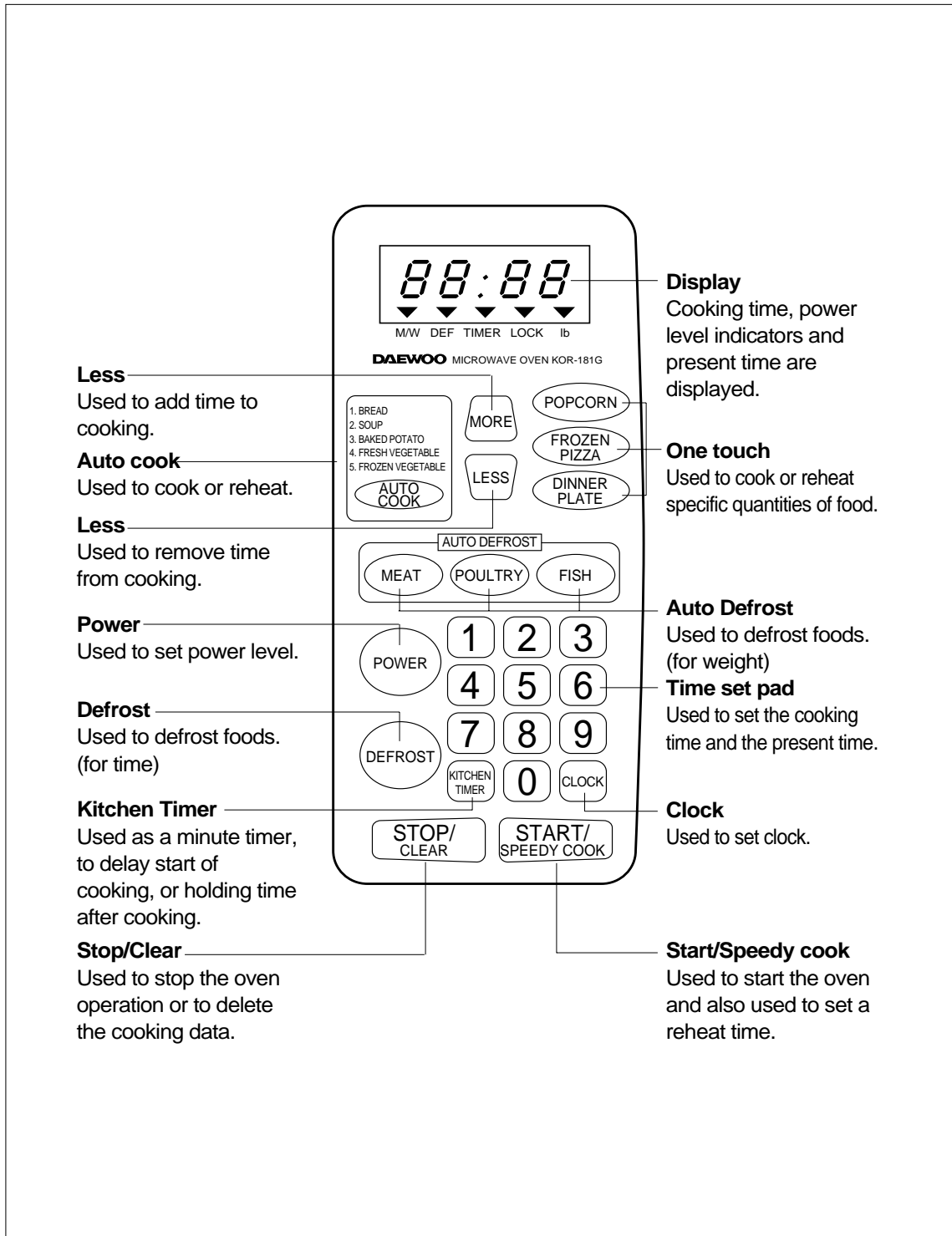
Time clock returns to the present time when the cooking time ends.

When the STOP/CLEAR 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 once more. If the oven door is opened during the oven operation, all information is retained.

If the START 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.

# FEATURES



# HOW TO SET THE OVEN CONTROLS

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## **SETTING THE CLOCK**

When the oven is first plugged in, the display will flash “:0”. If the AC power ever goes off, the display shows “:0” when the power comes back on.

1. 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. <The display stops blinking, and the colon 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 it will return to previous status. Touch the CLOCK pad and re-enter the time.

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## **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.

1. Touch DEFROST. pad.  
<The DEF indicator light and “:0” is displayed>
2. Touch number pads for the desired defrosting time.  
<The display will show what you touched>
3. Touch START pad.

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

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.

## **AUTO 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. <The lb indicator light and “1.0” is displayed>
2. Select desired defrosting weight (Refer to the auto defrost chart below). <The display will show what you touched>
3. Touch START pad. <MEAT DEFROSTING begins>
4. Touch POULTRY pad. <The lb indicator light and “1.5” is displayed>
5. Select desired defrosting weight (Refer to the auto defrost chart below). <The display will show what you touched>
6. Touch START pad. <POULTRY DEFROSTING begins>
7. Touch FISH pad. <The lb indicator light and “0.5” is displayed>
8. Select desired defrosting weight (Refer to the auto defrost chart below). <The display will show what you touched>
9. Touch START pad. <FISH DEFROSTING begins>

### \* AUTO DEFROST CHART

<b>Touch Pad</b>	<b>MEAT</b>	<b>POULTRY</b>	<b>FISH</b>
Once	1.0 lb	1.5 lb	0.5 lb
twice	1.5 lb	2.0 lb	1.0 lb
3times	2.0 lb	2.5 lb	1.5 lb
4times	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

1. Touch POWER pad. (Select the desired power level.) <The M/W indicator lights. The display will show what you touched>
2. Touch number pads for the cooking time. <The display will show what you touched>
3. Touch START pad.

**Note :** Your oven can be programmed for 99 minutes 99 seconds. (99 : 99)  
Using lower power levels increases the cooking time which is recommended for foods such as cheese, milk and slow cooking of meats.

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, END indicator will blink.

## 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%

## **COOKING IN TWO STAGES**

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

1. Touch DEFROST. pad. <The DEF indicator light and “:0” is displayed>
2. Touch number pads for the defrosting time you want. <The display will show what you touched>
3. Touch POWER pad. (Select desired power level.) <The M/W indicator light and “P-HI” is displayed. The display will show what you touched>
4. Touch number pads for desired cooking time. <The display will show what you touched>
5. Touch START pad.

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. Halfway through defrosting time, turn over, break apart and/or redistribute the food. At the end of DEFROST mode, the oven will 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 cook. When M/W cook ends, you will hear 3 beeps.

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

KITCHEN 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.

1. Touch KITCHEN TIMER pad. <The TIMER indicator light and “:0” is displayed>
2. Press the amount of time you want to count down. <The display will show what you touched>
3. 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, you will hear 3 beeps>

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

1. Touch KITCHEN TIMER pad. <The TIMER indicator light and “:0” is displayed>
2. Press the amount of time you want to count down. <The display will show what you touched>
3. Program the desired power level and cooking time for food to be cooked. <The M/W indicator lights and the selected power level & cooking time are display>
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 SET HOLDING TIME**

1. Program the desired cooking time. <The M/W indicator light and the selected time is displayed>
2. Touch KITCHEN TIMER pad. <The TIMER indicator lights and “:0” is displayed>
3. Press the amount of time you want the oven to hold. <The display will show what you touched>
4. Touch START pad. <The M/W indicator starts blinking and the display counts down the time remain 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)

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## **EASY COOK**

EASY COOK allows you to reheat for 30 seconds at 100% (full power) by simply touching the EASY COOK pad. By repeatedly touching the EASY COOK pad, you can also extend reheating time to 5 minutes in 30 second increments, alternating defrost and stand times by cycling on and off.

1. Touch EASY COOK pad. <When you touch EASY COOK, “:30” is displayed. After 1.5 seconds, the oven starts reheating>

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## **ONE TOUCH COOKING**

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

1. Touch POPCORN pad once for 3.5 oz bag. <When you touch POPCORN pad once. “3.5” is displayed. After 1.5 seconds, the display shows 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.

1. Touch FROZEN PIZZA pad once for 7 oz pizza or twice for 14 oz pizza. <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 start 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.

1. Touch DINNER PLATE pad once for 12 oz of dinner plate or twice for 15 oz of dinner plate. <When you touch DINNER PLATE pad once, “12” is displayed. After 1.5 seconds, the display is changed into cooking time and the oven start cooking>

**\* DINNER PLATE \***

- 12 oz : Touch DINNER PLATE once.
- 15 oz : Touch DINNER PLATE twice within 1.5 seconds.

**AUTO COOK**

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

1. Touch AUTO COOK pad. <When you touch AUTO COOK pad once, “AC-1” in displayed By repeatedly touching this pad, you can select other food category as shown in the chart below.>
2. Touch START pad. <When you touch START pad, the display is changed into cooking time and the oven starts cooking.>

CATEGORY	FOOD	WEIGHT	TOUCH PAD
AC - 1	BREAD	4Slices (1.5-2 oz.each)	Touch AUTO COOK once.
AC-2	SOUP	12 oz.	Touch AUTO COOK twice.
AC-3	BAKED POTATO	3 Potatoes (7-8 oz.each)	Touch AUTO COOK three times.
AC-4	FRESH	7 oz.	Touch AUTO COOK four times.
AC-5	FROZEN VEGETABLE	7 oz. package	Touch AUTO COOK five times.

## **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.

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## **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. To cancel, press and hold STOP/CLEAR for 3 seconds, a beep sounds and LOCK indicator goes off.

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## **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.

<p><b>NOTE:</b> Oven stops operating when door is opened.</p>
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# COOKING GUIDE

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## 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 your 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 foil 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.

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## 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 dishes. 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 roasts.

**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

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**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 SEAFOOD		
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 -- <b>OR</b> -- 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 -- <b>OR</b> -- 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 -- <b>OR</b> -- 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
<b>Beef</b>		
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.
<b>Pork</b>		
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
<b>Chicken</b>		
Whole	P-HI	7-9 min.
Breast(boned)	P-80	6-8 min.
portions	P-80	7-9 min.
<b>Turkey</b>		
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.

<b>VEGETABLE</b>				
ITEM	PREPARATION	QUANTITY	COOKING TIME	STANDING TIME
asparagus, fresh	1 1/2-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, fresh on cob, husked	4 ears	6-7 min.	5 min.	
corn, frozen	on cob, husked	4 ears	6-7 min.	5 min.
	whole kernel	10 oz. pkg	5-6 min.	3 min.
eggplant, fresh	cubed	1 lb.	6-7 min.	3 min.
	whole, pierced	1-1 1/2 lb.	7-8 min.	5 min.
leeks fresh whole, 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. each)	9-11 min.	3 min.
	whole	8(6 oz. each)	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	1 1/2 lbs.	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, remove foil cover and replace foil tray in original box. For containers more then 3/4-inch deep, remove food to similar size glass container; heat, covered. If no top crust stir occasionally.
Entrée	8-9 oz.	P-HI	6-8 min.	
Regular TV-style dinner	21 oz.	P-HI	12-14 min.	
Hearty TV-style dinner	11 oz.	P-HI	5-7 min.	
	17 oz.	P-HI	7-9 min.	

ITEM	QUANTITY	POWER LEVEL	COOKING TIME	SPECIAL INSTRUCTION
Fried chicken	2 pieces	P-HI	3-5 min.	Arrange, on paper tower lined paper plate, covered with paper tower.
	4 pieces	P-HI	4-6 min.	
	6 pieces	P-HI	6-8 min.	
Fried fresh fillets	2 fillets	P-HI	2-3 min.	
	4 fillets	P-HI	3-4 min.	
Pizzas	1	P-HI	1-3 min.	Arrange on microwave oven roasting rack.
	2	P-HI	2-4 min.	
	4	P-HI	5-6 min.	
Pouch dinners	5-6 oz.	P-HI	4-5 min.	Pierce pouch. Set on plate. Turn over halfway through cooking.
	10-11 oz.	P-HI	7-9 min.	
Bagels	2	P-50	2-3 min.	Each individually wrapped in paper toweling (for 1-2) or arrange on paper plate, cover with paper toweling.
	4	P-50	3-5 min.	
Danish	1	P-50	1-2 min.	
	2	P-50	2-3 min.	
	4(6 oz. pkg)	P-50	3-4 min.	
	6(13 oz. pkg)	P-50	4-5 min.	
Dinner rolls	6	P-50	2-3 min.	
Hard rolls	1(1-1 <sup>1</sup> / <sub>4</sub> oz.)	P-50	1-2 min.	
	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 lined transfer to a pitcher or open carton.
Concentrates	12 oz.	P-HI	2-5 min.	
Non-Dairy creamer	16 oz.	P-50	8-10 min.	Let stand after defrosting.
Pancake	10 oz.	P-50	4-5 min.	
Frozen vegetables	6 oz.	P-50	6-10 min.	Pierce box, set on plate. If box is foil wrapped, remove foil. If vegetables are in pouch, pierce pouch. Let stand 5 min.
	10 oz.	P-50	8-12 min.	
Cheese cake	17 oz.	P-50	3-4 min.	Remove from original container. Arrange on a serving plate. Let stand 5 minutes after cooking (to defrost). Add an additional 1-2 minutes to serve warm.
Brownies	13 oz.	P-50	1-3 min.	
Pound cake	10 <sup>3</sup> / <sub>4</sub> oz.	P-50	1 <sup>1</sup> / <sub>2</sub> -3 min.	
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				
7	3175				
8	3629				
9	4082				
10	4526				
11	4990				

■ FLUID MEASUREMENTS		
1 Cup	= 8 fluid ounces	= 240 ml.
1 Pint	= 16 fluid ounces	= 480 ml.
1 Quart	= 32 fluid ounces	= 960 ml.
1 Gallon	= 128 fluid ounces	= 3840 ml.

### ■ WEIGHT DEFROST AND COOK CONVERSION CHART

Ounces	Hundredths of a Pound	Tenths of a Pound	Grams
1-2	.06-.15	0.1	50
3-4	.16-.25	0.2	100
5-6	.26-.35	0.3	150
7	.36-.45	0.4	200
8-9	.46-.55	0.5	250
10-11	.56-.65	0.6	300
12-13	.66-.75	0.7	350
14	.76-.85	0.8	400
15-16	.86-.95	0.9	450

# SPECIFICATIONS

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POWER SUPPLY		120V, 13A SINGLEPHASE WITH GROUNDING 60HZ, AC.
MICROWAVE	POWER CONSUMPTION	1600 W
	OUTPUT POWER	1200 W, FULL MICROWAVE POWER
	FREQUENCY	2,450 MHz
OUTSIDE DIMENSIONS (W X D X H)		589 X 488 X 339 mm (23.2 X 19.2 X 13.3 in.)
CAVITY DIMENSIONS (W X D X H)		399 X 451 X 278 mm (15.7 X 17.8 X 10.9 in.)
CAVITY VOLUME		1.8 Cu. Ft.
NET WEIGHT		APPROX. 18 Kg (39.7 lbs)
TIMER		99 MINUTES 99 SECONDS

*\* Specifications subject to change without notice.*

# BEFORE YOU CALL FOR SERVICE

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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.

<b>DO NOT ATTEMPT TO SERVICE THE OVEN YOURSELF !</b>
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## QUESTIONS AND ANSWERS

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- \* 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.
- \* 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 : Does 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.
- \* Q : Why do eggs sometimes pop?  
\* A : When baking or poaching eggs, the yolk may pop due to steam build-up inside the yolk membrane. To prevent this, simply pierce the yolk with a toothpick before cooking. Never cook eggs without piercing their shells.
- \* Q : Why this standing time recommended after the cooking operation has been completed?  
\* A : Standing time is very important.  
With microwave cooking, the heat is in the food, not in the oven. Many foods build up enough internal heat to allow the cooking process to continue, even after the food is removed from the oven. Standing time for joints of meat, large vegetables and cakes is to allow the inside to cook completely, without overcooking the outside.
- \* Q : What does "standing time" mean?  
\* A : "Standing time" means that food should be removed from the oven and covered for additional time to allow it to finish cooking. This frees the oven for other cooking.
- \* Q : Why does my oven not always cook as fast as the microwave cooking guide says?  
\* A : Check your cooking guide again, to make sure you've followed directions exactly ; and to see what might cause variations in cooking time. Cooking guide times and heat settings are suggestions, to help prevent over-cooking... the most common problem in getting used to a microwave oven.  
Variations in the size, shape and weights and dimensions could require longer cooking time. Use your own judgement along with the cooking guide suggestions to check whether the food has been properly cooked just as you would do with a conventional cooker.
- \* Q : Will the microwave oven be damaged if it operates while empty?  
\* A : Yes. Never run it empty.
- \* Q : Can I operate my microwave oven without the turntable or turn the turntable over to hold a large dish?  
\* A : No. If you remove or turn over the turntable, you will get poor cooking results. Dishes used in your oven must fit on the turntable.
- \* Q : Is it normal for the turntable to turn in either direction?  
\* A : Yes. The turntable rotates clockwise or counterclockwise, depending on the rotation of the motor when the cooking cycle begins.
- \* Q : Can I pop popcorn in my microwave oven? How do I get the best results?  
\* A : Yes. Pop packaged microwave popcorn following manufacture's guidelines or use the preset POPCORN pad. Do not use regular paper bags. Use the "listening test" by stopping the oven as soon as the popping slows to a "pop" every 1 or 2 seconds. Do not repop unpopped kernels. Do not pop popcorn in glass cookware.

# Warranty



DAEWOO ELECTRONICS CORPORATION OF AMERICA warrants each new electronic product manufactured by it to be free from defective material and workmanship and agrees to remedy any such defect or to furnish a new part (at the Company's option) in exchange for any part of any unit of its manufacture which under normal installation, use, and service disclosed such defect, provided the unit is delivered by the owner to us or to our authorized distributor from whom purchased or authorized service station, intact, for our examination with all transportation charges prepaid to our factory, To establish and receive warranty service at our factory or authorized service facilities, proof of purchase/dated sales invoice is required

Return authorization must be obtained before any merchandise is returned to the factory.

This warranty does not extend to any of our electronic products which have been subjected to misuse, neglect, accident, incorrect wiring not our own, improper installation, unauthorized modification, or to use in violation of instructions furnished by us, nor units which have been repaired or altered outside of our factory, nor to cases where the serial number thereof has been removed, defaced, or changed

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 our electronic products.

**Over-the-counter** exchange for units that are initially defective.

"Initially defective" is described as when the dealer opens the unit and finds that it is inoperative or a customer opens a new unit and finds that it is inoperable. This unit may be returned to the factory by the dealer for exchange. Under no circumstances will the customer be permitted to return the defective unit directly to the factory.

Exchange must be directly with the dealer.

Model	Parts	Labor	Magnetron
MCD1812W	1 year	1 year	8 years

**For Service or Assistance, please call : 1-888-775-0202**